Farm Management Software for Farm Businesses

Case-studies of the Australian farm software industry

by JoAnn Resing

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Foreword

Better agribusiness decisions play a vital role in the success of Australia’s farm businesses. Informing and automating these decisions through the incorporation of innovative digital technologies is one way for Australia to remain competitive in a global field that has become increasingly high-tech.

The key to incorporating a successful digital technology solution into an agricultural enterprise, from the tractor and weather station to the office computer, is the selection and use of appropriate software tools.

This project addresses innovations in the field of agricultural computer software and identifies over 650 software products currently used by Australia’s primary producers. Produced by over 200 Australian software developers, the agricultural software industry is an untapped goldmine of agricultural technology solutions and a potential export industry in itself.

To assist producers in researching business software solutions, an audit of the industry was performed and this report written to provide product descriptions on software relevant to Australia’s primary production sector. The software included in the directory aims to assist producers in meeting and exceeding their business requirements by offering digital solutions designed to reduce costs, improve quality and save time.

Auditing digital innovations in agriculture is not a one-off task. Not only does a software product have a dynamic and often limited life-cycle, advances in hardware, new software, the Internet and integrated system solutions are constantly producing new technological solutions. Future audits of the digital technology industry should be expanded so that the focus shifts from pieces of software to the broader digital toolbox.

This project was funded from RIRDC Core Funds which are provided by the Australian Government. This report, an addition to RIRDC’s diverse range of over 1700 research publications, forms part of our Rural People and Learning Systems R&D program, which aims to improve productivity, environmental sustainability, and wellbeing in rural and regional Australia through R&D that contributes to building stronger and innovative institutions, communities, group activities and personal capacities.

Most of our publications are available for viewing, downloading or purchasing online through our website:

- purchases at www.rirdc.gov.au/eshop

Peter O’Brien
Managing Director
Rural Industries Research and Development Corporation
Acknowledgments

Such a mammoth project could not have been brought to fruition without the commitment of a small band of dedicated individuals. Deanne Cranitch’s help in the output of the final report was invaluable, along with the data management support of Tracey Wise and Shirley Fraser. The unfailing enthusiasm and perseverance of Kim Pritchard helped winnow a very dynamic dataset down from 1500 entries to the more manageable 675 verified pieces of software.

Townsville’s James Cook University brought two teams to the project, providing IT students to construct the pilot data-management-portal and journalism students to research and write the case-studies. Many thanks to the IT team from NQITX for all their efforts in constructing an interface to manage this very dynamic dataset, they are: Murray Griffin, Matt Morgan, Daniel Milne, Jayant Varma and Fran Vidler. Close work with Robyn McDougall and Linda Souter and the students of the Feature Writing course helped produce an excellent set of user case-studies.

Queensland Country Life’s, Jason Rickert ensured the promotion and publication of the many stories coming out of this research, as well as researching, costing and obtaining support for a nationally released magazine supplement.

And finally, this could not have occurred without the unfailing management support and patience offered by Gerard Byrne.

Abbreviations

APVMA Australian Pesticides and Veterinary Medicines Authority
AQIS Australian Quarantine and Inspection Service
ATO Australian Taxation Office
BAS Business Activity Statement
JCU James Cook University
CRC Cooperative Research Centre
DAFF Department of Agriculture, Fisheries and Forestry
EMS Environmental Management System
GIS Geographic Information System
GPS Global Positioning System
GST Goods and Services Tax
HACCP Hazard Analysis Critical Control Point
HR Human Resources
ICT Internet Communication Technology
ISBN International Standard Book Number
IP Intellectual Property
MLA Meat and Livestock Australia
NLIS National Livestock Identification System
NQITX North Queensland Information Technology eXperience
NRM Natural Resource Management
<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OCR</td>
<td>Optical Character Recognition</td>
</tr>
<tr>
<td>OHS</td>
<td>Occupational Health and Safety</td>
</tr>
<tr>
<td>PC</td>
<td>Personal Computer</td>
</tr>
<tr>
<td>PDA</td>
<td>Personal Digital Assistant e.g. Palm Pilot, IPAQ</td>
</tr>
<tr>
<td>POA</td>
<td>Price on Application</td>
</tr>
<tr>
<td>QA</td>
<td>Quality Assurance</td>
</tr>
<tr>
<td>RFID</td>
<td>Radio Frequency Identification</td>
</tr>
<tr>
<td>RIRDC</td>
<td>Rural Industries Research and Development Corporation</td>
</tr>
<tr>
<td>TBA</td>
<td>To be Advised</td>
</tr>
<tr>
<td>USDA</td>
<td>United States Department of Agriculture</td>
</tr>
</tbody>
</table>

Please Note: reference to ‘software’ can occur as: software, products, pieces or titles depending on the context.
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Executive Summary

What the report is about

This project addresses innovations in the field of agricultural computer software and identifies over 650 software products currently used by Australia’s primary producers. Produced by over 200 Australian software developers, the agricultural software industry is an untapped goldmine of agricultural technology solutions and a potential export industry in itself.

Why the research is important

Better agribusiness decisions play a vital role in the success of Australia’s farm businesses. Informing and automating these decisions through the incorporation of innovative digital technologies is the only way for Australia to remain competitive in a global field that has become increasingly high-tech.

The core of incorporating a successful digital technology solution into an agricultural enterprise, from the tractor and weather station to the office computer, is the selection and use of appropriate software tools.

To assist producers in researching business software solutions, an audit of the industry was performed and the 2007 Australian Farm Software Directory created to provide product descriptions on software relevant to Australia’s primary production sector. The software included in the directory aims to assist producers in meeting and exceeding their business requirements by offering digital solutions designed to reduce costs, improve quality and save time.

Who is the report targeted at?

The major audience is the primary producer seeking a computer-based solution to an enterprise need. This audience requires information on which to make sound purchasing or acquisition decisions with regard to industry-relevant software.

A secondary audience is that of farm software developers. From private enterprise, to government and research bodies, there is a need to see their industry in a comparative light. Use of this report can better assist them in: promotion and marketing; new product development; identifying product gaps; and possible obsolete-title acquisitions, partnerships and mergers to address product duplication.

Background

The last comprehensive audit of farm software in Australia was produced in 1999 and described 175 software applications. Since then, there have been no comprehensive audits and/or regularly updated descriptive lists of the software tools available for use by the Australian primary producer.

Aims/Objectives

1. Source and identify the farm management software currently used in Australia.
2. Describe and compare the key components of farm management software packages.
3. Design an interactive web platform that facilitates the process used by farmers to evaluate, review and choose software.
4. To profile, as case studies, a range of farmers who successfully use farm management software systems to improve the performance of their farm businesses.
5. To produce a popular book on agricultural software.

“Whether we’re growing for human or animal consumption we need records these days. To be able to generate reports so quickly and put on them what we want to show a particular company is just fantastic.”

Katherine Bayles – Mixed farming – Cressy, Tasmania
Methods used
Over a two year period, a desk-top study of the Australian farm software industry was conducted. This resulted in an audit where software products and developers were sourced, identified and verified and along the way, farm software users were encountered and their stories recorded.

Results/Key findings
The key result is the production of the 2007 Australian Farm Software Directory, consisting of a set of interlinked cross-referenced indices that provide: (i) the currently available software titles complete with product descriptions, (ii) a directory of software developers, (iii) a subject/keyword category index, and (iv) a set of supporting case studies.

Containing over 650 software listings, the Directory allows producers to source industry-relevant software and supports their efforts to make informed purchasing decisions about the high-tech tools available to support a globally competitive agri-business enterprise.

Implications and Recommendations
The report makes six recommendations.

1. That this data be released as a short shelf-life publication, such as a rural magazine and that it be the first in an annually updated series. Regular updates will encourage software developer participation and data self-management, ensuring Australian farmers will continue to have access to a one-stop shop for the latest information on innovations in digital technology.

2. That this database be updated annually and continually expanded to include the latest innovations in agriculturally relevant digital technology products and services, e.g. interactive information databases; software embedded in devices, precision farming equipment, international software able to be used in Australia; and integrated farming system solutions. And, that any future database is operated from an online, interactive website as used in sites like iSelect (www.iselect.com.au).

3. That government and industry investigate the possibility of funding the creation of an Australian owned web portal that offers Australian producers access to the latest in digital agricultural solutions and software developers access to a global export market.

4. That a Farm Software Industry Association or Agricultural Digital Technology Association be formed to both support and promote the adoption of their products within the primary industries sector.

5. That development of a Cooperative Research Centre for Smart Farming, or similar, be investigated to facilitate partnerships between the computer and agricultural industries. This would link researchers, government and industry with primary producers to accelerate adoption of digital technologies for increased and accelerated agricultural outputs for Australia.

6. That the possibility of developing a road-show or dedicated conference showcasing agricultural digital innovations be investigated.

“The big benefit for me is that I now know which of my paddocks are the most productive. The program prompts questions like; why was that paddock the most productive? Was it because I sprayed the thistles in it or I put more or less super in it Was it because I had shorter grazing periods with longer rests? You couldn’t work that out without the program.”

Wes Brown – Grazing/wool/beef – Cargo, New South Wales

“Customers expect our product to always look the same. They want the same colour, size, grading and packaging. If you can produce what they want you’ll get the best price. We have a quality system to make sure their high standards are maintained. Without the software to manage the quality system I’d end up buried in papers.”

Ron Smith – Strawberry farmer – Caboolture, Queensland
Chapter 1: Introduction

Better agribusiness decisions play a vital role in the success of Australia’s farm businesses. Increasingly, these decisions are being supported by the use of computers and agriculturally specific software. This project addresses innovations in the field of agricultural computer software and identifies those software products currently produced for, and used by, Australia’s primary producers.

Ensuring farmers have access to the latest information on cutting-edge technological solutions can make all the difference in helping achieve gains in productivity, quality and profitability. Over a two year period (2004-2006) the Australian farm software industry was audited: software products and developers were sourced, identified and verified and along the way, farm software users were encountered and their stories recorded.

The key result is the production of the 2007 Australian Farm Software Directory, consisting of a set of interlinked cross-referenced indices that provide: (i) the currently available software titles complete with product descriptions, (ii) a contact directory of software developers, (iii) a subject/keyword category index, and (iv) a set of supporting case studies.

Containing over 650 software listings, the Directory allows producers to source industry-relevant software and supports their efforts to make informed purchasing decisions. The software included in the directory should assist producers in meeting and exceeding their business requirements by offering digital solutions designed to return savings on time, decrease costs and boost productivity.

Alongside the directory, are a series of case-studies, featuring both farmers and developers and their efforts to work together to ensure software that keeps Australian primary producers sector profitable and globally competitive.

Objectives

1. Source and identify the farm management software currently used in Australia.
2. Describe and compare the key components of farm management software packages.
3. Design an interactive web platform that facilitates the process used by farmers to evaluate, review and choose software.
4. To profile, as case studies, a range of farmers who successfully use farm management software systems to improve the performance of their farm businesses.
5. To produce a popular book on agricultural software.
Chapter 2: Methodology

A comprehensive literature review and desk-top study was conducted of the agricultural and general computer software literature, popular press and Internet, in order to source:

- a definition of software for use in this study
- all agriculturally-relevant software titles currently being used in Australia
- a list of criteria to be used in comparing agricultural software products
- ideas on how to best construct and present a publication on agricultural software.

During the course of the review, all potential software titles were noted, descriptive material sourced and developer contact details recorded for later product verification. An example of the search keywords used is presented in Chapter 9, Section D.

A list of possible software comparative criteria (data fields) for use in describing and comparing the broad-spectrum of agricultural software, were sourced, evaluated, described and listed in table format. The data fields were then loaded into an Access database.

For profiling in case studies, farm software users were sourced via major industry field days; referrals from software developers; referrals obtained during the course of the research; and story leads discovered through the case-study interview process. Case studies were conducted through phone interview by advanced journalism students from James Cook University in Townsville.

The development of online tools was conducted by James Cook University research partners, North Queensland Information Technology eXperience (NQITX), who researched and costed the construction of an online, interactive agricultural software web-portal for submission as a RIRDC preliminary research proposal. NQITX also supervised the construction of an online administrator and developer interface for accessing the software database.
Chapter 3: Results

Sourcing and identifying Australian farm management software systems

Definition of software for the scope of this study

Software solves problems. It is created because someone identified a problem, expressed it as a set of tasks, and then created a computer-based approach to create a solution. The resulting ‘program’ performs the mathematical operations required to solve the problem. It can be operated from a desktop, laptop, tablet notebook, Personal Digital Assistant (PDA, e.g. Palm Pilot) or smartphone or be accessed from an Internet-based platform. Less traditional, but increasingly common, is software embedded in devices, i.e. tractors, irrigation systems and weather stations, either individually or as part of a suite of interconnected digital tools. For the purposes of this study, data collection was limited to software which fits the following definition, as constructed for the purposes of this research:

A computer program that allows the input of individual data, and has the capacity to perform some type of manipulation on that data and the ability to output personalized reports.

Essential to this description, is the ability to input, manipulate and output data, as described in Table 1.

Table 1: Examples of data requirements of software

<table>
<thead>
<tr>
<th>Data input</th>
<th>Data output</th>
</tr>
</thead>
<tbody>
<tr>
<td>manually entered via keyboards, voice</td>
<td>creates reports, maps, plans, lists,</td>
</tr>
<tr>
<td>recognition, OCR scanners, etc.</td>
<td>benchmarks, etc.</td>
</tr>
<tr>
<td>transferred from other sources: accountants,</td>
<td>produces analyses, simulations, models and</td>
</tr>
<tr>
<td>consultants, banks, Internet, etc.</td>
<td>decision support, etc.</td>
</tr>
<tr>
<td>uploaded from data loggers, GPS, meters,</td>
<td>recordkeeping for compliance, breeding,</td>
</tr>
<tr>
<td>barcode scanners, other devices</td>
<td>resource management, etc.</td>
</tr>
<tr>
<td>generated from customising data, data</td>
<td>uploads/transfers to consultants, accountants,</td>
</tr>
<tr>
<td>manipulation, simulations, etc.</td>
<td>regulatory bodies, etc.</td>
</tr>
</tbody>
</table>

All software that appeared relevant to the operation of an agricultural enterprise was included in this study. To narrow the scope, some constraints were applied.

Excluded:

- products not specific to the efficient operation of an Australian primary production enterprise, e.g. software used for share trading, web page design or general office tasks, e.g. word processing
- non-Australian software (with some exceptions, see below)
- devices operated by firmware (digital watches, calculators, etc.)
- software used by researchers
- privately developed software built for customised use on a specific farm
- dedicated (or internal) supply chain systems
- products in development or removed from the market pending notification
- obsolete products: no longer distributed or supported.

Included when encountered, but not actively sought:

- machines, equipment or devices with embedded software (e.g. GPS, weather stations, irrigation systems, tractors, graders, etc.)
- software-as-service: a model of software delivery that is installed on a web site for use by many customers
- products sold, supported and/or used by Australian primary producers but produced overseas
- simple computer tools: calculators, report-generators, information databases, CDs of information sources
- logistics management e.g. just in time delivery, intelligent transport systems
- E-learning – through interactive platforms.

Even with these constraints, the number of agriculturally relevant software tools encountered and included in the study was substantial.

**Sourcing and identifying Australian farm software titles**

The Australian scientific literature, agricultural journals, rural publications and the Internet were comprehensively searched for mention of software used in Australia by Australian primary producers, with the results included in the attached Bibliography. Concurrently, farmers and industry were surveyed at major rural events as to their use of software in farm business enterprises.

Initially, basic descriptive data was manually entered into a database by the research team. Once the online data-verification tool was operational, developers entered their basic descriptive data directly into the online database. In the final stages of the project, developers submitted expanded product descriptive data electronically (on forms via email) and these were manually uploaded to the database.

Most software seemed to fit into one of four major categories:

- **Industry specific software**
  From alpacas to aquaculture, these products address the special needs of particular agricultural industry sectors.

- **Function specific software**
  Mapping, transport, and export are all functional tasks that work across industry sectors to solve common problems.

- **Resource management software**
  The monitoring of soils, the weather, pests and water are all resource management tasks that work across industry sectors to solve common land management problems.

- **Farm specific financial management software**
  Recordkeeping, finances and the management of Human Resources (HR) and equipment all fall within a group of products that support the farm office.

- **Other**
  A bit off the track, but another interesting category was that of educational farm software, designed for children, most were mini plan-and-manage a farm programs, designed for educating children on the use of software as a farm management tool (for list of titles, see Chapter 9, Section C).

Once the audit reached 1500 separate titles, the research effort began to show diminishing returns on effort and by 30 June 2006, the active investigation component of the study was concluded. New products were accepted into the project, but only those suggested by developers during the data verification stage. All new product leads encountered after this date were filed for future research.

Chapter 7: The 2006 Software Audit is a list of the potential software names encountered when researching Australian farm software. Eliminated, but not recorded, were 300 software names, that were duplications caused...
by version numbering, individual naming of integrated modules, or membership in a suite or family of products (e.g. SoftwareXYZ Lite, Pro or Enterprise versions). Once the version duplicates were eliminated, just over 1200 potential software titles remained to be fully researched (N=1233).

Of those which remained, 25 pieces of software were found to be under development or had a pending status (Chapter 7, Code: DEV), 22 were deemed ‘not suitable’ (Chapter 7, Code: N/A), 81 titles had been renamed (their new name is given below) and 101 titles were now considered obsolete (Chapter 7, Code: OBS).

Fifty-two names were identified as digital devices/machines (Chapter 7, Code: EQUIP), twenty-two were not software (Chapter 7, Code: NOT) and nine were International products beyond the scope of this project (Chapter 7, Code: INT).

The status of 244 titles was not confirmed (Chapter 7, Code: UC) due to a lack of information. Please note that those titles not updated over the next year will be tagged as obsolete in the next update of this database. To take ownership, or update the status of an unconfirmed title, send an email to farm.software@dpi.qld.gov.au.

Six hundred and seventy five products remained as active software titles. These are products which are distributed and supported in Australia and are directly relevant to the operation of a primary production enterprise.

**Describing and comparing the key components of farm management software packages**

**Developing farm software comparison table criteria**

The scope of this project included all farm software, spanning across all industry sectors and all farm-relevant business functions. The literature review revealed no farm software comparison table, grid or chart, either in print or online, that operated at this scale.

Some form of farm software comparison was mentioned in the following publications (Dairy herd management software review 1994; Selecting spatial information system software 2003; NLIS Feedlot Equipment Guide 2004; Adamchuk et al. 2004; Andrew 2004; Baker 1990; Bosch et al. 1994; Davis 1977; Doluschitz 2000a. 2000b; Dowson-Craig 2002; Freebairn et al. date unknown; Gregor et al. 1999a, 1999b; Hamid 1999; Harris 2005; Hearn and Bange 2002; Hendrichs 1989; Hoag 2000; Horsley 2003; Huber 1990; Jahns 2000; Janssen et al. 2005; Kastanje 2004; Keating et al. 2003; King and Bink 1992; Lathrop 1989; Lee 1999; McCall and Foran 1994; McCown 2002; Moore et al. 2004; Novak et al. 1994; Nugent 2003; Olsen 1990; Parker 1999, 2003; Pfueger 2005; Radhika and Roy 2006; Rajkumar et al. 2006; Rebbechi 1998; Reynolds 1999; Ruane 1999; Schneider 1997; Steffe 1997; Stubbs, et al. 1998; Stuth et al. 2002; van Asseldonk et al. 1999; Warren 2000; Wilson et al. 2004; Woolverton 1984; Worsley and Hartley 1994) and in the websites referenced in Chapter 9, Section A. During the course of the research, numerous software product comparisons and reviews were encountered in many popular computer magazines, but were not cited. Their criteria were examined, and the wording assessed to see if they added new fields to the list of criteria. From this research, a list of possible descriptive data fields, for use in producing farm software comparisons, was compiled and is presented in Table 2. Basically this information helps a farmer answer the following questions:

- Will the software run on my computer?
- Does it meet my business needs?
- Is it easy to set up and use?
- What is it called, who sells it and where do I get more information?

**Table 2: Descriptive data fields for use in farm software comparison tables**

<table>
<thead>
<tr>
<th>Basic product descriptive details</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>Current product title</td>
</tr>
<tr>
<td>Version</td>
<td>Current version number</td>
</tr>
<tr>
<td><strong>Associated names</strong></td>
<td>Lists names of other titles in the product family e.g. Lite, Pro, Enterprise OR indicates whether this is a module that is part of a suite</td>
</tr>
<tr>
<td>----------------------</td>
<td>--------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Alternate product names</strong></td>
<td>Old product names, acronyms, popular names</td>
</tr>
<tr>
<td><strong>Product description: brief</strong></td>
<td>For use in web-based comparative listings (10 words or less)</td>
</tr>
<tr>
<td><strong>Product description: short</strong></td>
<td>For use in print publications (300 words, including spaces)</td>
</tr>
<tr>
<td><strong>Product description: long</strong></td>
<td>Link (URL) to online product description/brochure</td>
</tr>
<tr>
<td><strong>Key outputs</strong></td>
<td>Key results that can be expected: reports, maps, exportable data</td>
</tr>
<tr>
<td>*<strong>Alternate product names</strong></td>
<td>Indicates whether this is a module that is part of a suite</td>
</tr>
<tr>
<td><strong>Peripherals supported</strong></td>
<td>Lists farm devices that are supported</td>
</tr>
<tr>
<td><strong>Tool type</strong></td>
<td>Lists the type of software: online service, PC-based, spreadsheet, calculator, etc. (more detail provided in Table 4)</td>
</tr>
<tr>
<td>*<strong>Major application</strong></td>
<td>Indicates whether the software can be aligned to a specific area of agriculture, either an: industry specific, function specific, resource specific or farm-office specific area of agriculture.</td>
</tr>
<tr>
<td>*<strong>Minor application (use):</strong></td>
<td>Indicates whether a specific, agriculturally-relevant use can be ascribed directly to the software i.e. Figure 1.</td>
</tr>
<tr>
<td>*<strong>Constraints</strong></td>
<td>Indicates restrictions to product use, i.e. specific to a breed, location, and soil type and not available for broad use</td>
</tr>
<tr>
<td><strong>Keywords</strong></td>
<td>List of words or phrases for use in search and indexing functions</td>
</tr>
<tr>
<td><strong>Language</strong></td>
<td>Lists what language(s) the software is produced in</td>
</tr>
<tr>
<td><strong>Pricing structure – licensing</strong></td>
<td>Identifies the permissions, rights and restrictions imposed on a product for pricing consideration, e.g. free, subscription, purchase of license, etc.</td>
</tr>
<tr>
<td><strong>Cost</strong></td>
<td>Provides the recommended retail price (including GST) in Australian dollars</td>
</tr>
<tr>
<td><strong>Upgrade procedures</strong></td>
<td>Costs and announcements concerning the release of updates</td>
</tr>
<tr>
<td><strong>System requirements (minimum required)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Program files size</strong></td>
<td>Lists the programs file size</td>
</tr>
<tr>
<td><strong>Distribution media</strong></td>
<td>Identifies how the program is delivered, e.g. CD, floppy, download</td>
</tr>
<tr>
<td><strong>Internet connection</strong></td>
<td>Specifies whether an Internet Connection is required for use of the programme and the minimum connection speed required</td>
</tr>
<tr>
<td><strong>Platform</strong></td>
<td>Specifies the operating system, e.g. DOS, OS2(MAC), Windows</td>
</tr>
<tr>
<td><strong>CPU</strong></td>
<td>Indicates the minimum computer speed required, e.g. Pentium2</td>
</tr>
<tr>
<td><strong>System memory</strong></td>
<td>Indicates the optimum RAM required</td>
</tr>
<tr>
<td><strong>Hard disk memory</strong></td>
<td>Indicates the optimum amount of hard disk required for software and data</td>
</tr>
<tr>
<td><strong>Graphics cards</strong></td>
<td>Indicates whether special graphics hardware is required</td>
</tr>
<tr>
<td><strong>Currency of software</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Publication date</strong></td>
<td>Provides the date of first version release</td>
</tr>
<tr>
<td><strong>Update frequency</strong></td>
<td>Provides an average time interval between product updates</td>
</tr>
<tr>
<td><strong>Last version release</strong></td>
<td>Provides the date of the last product upgrade</td>
</tr>
<tr>
<td><strong>Next version release</strong></td>
<td>Provides the anticipated date of the next product upgrade</td>
</tr>
<tr>
<td><strong>Help features</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Start-up help</strong></td>
<td>Start-up help, e.g. wizards, set-up screen, data upload tools</td>
</tr>
<tr>
<td><strong>Documentation</strong></td>
<td>Documentation available, e.g. built-in help, manuals, tutorials</td>
</tr>
<tr>
<td><strong>Training</strong></td>
<td>Training available, e.g. workshops, consultants, on-site trainers</td>
</tr>
<tr>
<td><strong>Technical support</strong></td>
<td>Indicates the type(s) of technical support available, e.g. phone support, email support, online support</td>
</tr>
<tr>
<td>User support</td>
<td>Specifies the type of user support systems available, e.g. online user groups, discussion lists, regular workshops or conferences</td>
</tr>
<tr>
<td>--------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Trial software</td>
<td>Lists the type of software trial options that are available: trial, demo, shareware, freeware, beta</td>
</tr>
<tr>
<td>User and peer review (as used on interactive web sites)</td>
<td></td>
</tr>
<tr>
<td>[QUAL] User rating</td>
<td>A user-supplied field where users provide a product ranking, e.g. thumbs up, thumbs down</td>
</tr>
<tr>
<td>[QUAL] User reviews</td>
<td>A user-supplied field where users provide a product review</td>
</tr>
<tr>
<td>Number of downloads</td>
<td>A data-base generated field that records the number of user downloads, gives an indication of popularity</td>
</tr>
<tr>
<td>Awards</td>
<td>Provides reference/link to any independent industry ratings or awards</td>
</tr>
<tr>
<td>Product reviews</td>
<td>Provides reference/link to any independent product reviews</td>
</tr>
<tr>
<td>Online forums</td>
<td>Links to product specific discussions: blogs, forums, lists, etc.</td>
</tr>
<tr>
<td>Developer and vendor details</td>
<td></td>
</tr>
<tr>
<td>*Project partners</td>
<td>Lists the project partners, funding bodies and other agencies involved</td>
</tr>
<tr>
<td>*Lead agency – developer</td>
<td>Provides contact details for the company/organisation tasked with producing the software</td>
</tr>
<tr>
<td>Company name</td>
<td>– these are general company contact details with regards to incoming queries regarding software acquisition/purchases</td>
</tr>
<tr>
<td>Company description</td>
<td></td>
</tr>
<tr>
<td>Company web address</td>
<td></td>
</tr>
<tr>
<td>Company email</td>
<td></td>
</tr>
<tr>
<td>Company phone</td>
<td></td>
</tr>
<tr>
<td>Postal address</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td></td>
</tr>
<tr>
<td>*Project Manager – leader</td>
<td>Provides the actual contact details for an actual person who can be contacted to provide the information for this table – essential!</td>
</tr>
<tr>
<td>Name</td>
<td>– suggest collecting two email addresses if data is to be regularly updated</td>
</tr>
<tr>
<td>Company/organisation</td>
<td>– this information is not published</td>
</tr>
<tr>
<td>Email (primary)</td>
<td></td>
</tr>
<tr>
<td>Email (alternate)</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td></td>
</tr>
<tr>
<td>Vendor</td>
<td>Lists the vendor if the software is not actually sold and supplied by the ‘Lead Agency’</td>
</tr>
<tr>
<td>Company Description</td>
<td>– these are general company contact details</td>
</tr>
<tr>
<td>Company Web Address</td>
<td></td>
</tr>
<tr>
<td>Company Email</td>
<td></td>
</tr>
<tr>
<td>Company Phone</td>
<td></td>
</tr>
<tr>
<td>Postal Address</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td></td>
</tr>
<tr>
<td>Sales contact</td>
<td>Lists the contact details for product specific sales queries</td>
</tr>
<tr>
<td>Sales email</td>
<td></td>
</tr>
<tr>
<td>Sales phone</td>
<td></td>
</tr>
<tr>
<td>Technical support</td>
<td>Lists the contact details for product specific technical support</td>
</tr>
<tr>
<td>Email</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td></td>
</tr>
</tbody>
</table>

Several of these fields are unique to this study (indicated in Table 2 by an asterisk). These were criteria specifically applicable to the field of Australian agricultural software. These are:

- **Alternate product names**: many farmers hear of software through word-of-mouth, making it hard to track a product whose name has changed. This field provides a broader search facility.
- **Key inputs**: many farmers want to know how much work is involved in getting the system up and running, this field gives users a feel for the data source and the labour involved.
- **Major application**: indicates whether the software can be aligned to a specific area of agriculture (see column headings in Figure 1).
- **Minor application (use)**: indicates whether a specific, agriculturally-relevant use can be ascribed directly to the software (see radio button lists in Figure 1).
• **Constraints**: indicates any product specificity, i.e. breed, location, soil type.
• **Currency of software**: an attempt to both age a product and show its development history. This can be used to compare an old product, updated regularly, with another of the same age that may never have been updated. This is particularly relevant to farm software resulting from research projects.
• **Lead agency, Project partners**: many Australian software products have their origin in a research project. Researchers were hesitant to enter their software product in the database unless they could credit all project partners.
• **Project manager**: this field identifies the product’s ‘champion’, the person willing to supply the marketing details, i.e. the descriptive data for use in a comparison table.

With several exceptions, all the fields require developer-supplied data which requires no data-editing or evaluation on the part of the database manager. This keeps the data quantitative with the exception of two fields (coded [QUAL]) that are user-generated fields of the type found on Internet software provision sites, e.g. Download and Tucows (for a list of web addresses to these and other similar sites, see Chapter 9, Section B).

**Designing a product comparison grid**

Creating a comparison grid is constrained by some of the following issues:

• **Lack of industry standards**
  There are no standards or benchmarks in use in the farm software industry which dictate a base level of descriptive product information that must be provided when a software product is published. There is little registration of ISBN or IP and no specific Industry Association to lend a guiding hand. The result is that not only are there no set product descriptions at time zero (product’s initial launch) there is nothing to keep it from constantly changing throughout the product life-cycle.

• **Data dynamism**
  Any, and/or all, product descriptive data encountered in this study could and did change. This is due to the Internet’s ability to keep a pool of dated references available and the propensity for farm software developers to constantly change their product. Not just improvements to the software’s code, but major changes to the product’s description, the company producing it and even the product’s name! Trying to consistently track even one data field, over time, when those three key variables can and did change, made data verification a challenge.

• **Lack of good marketing information**
  The marketing information for most farm software products offers very little detailed descriptive data that can be easily transferred into a generic comparison table. At the time this study began, very few of the companies had web sites. Upon conclusion of the study, 98% of the developers had websites but only 16% provided direct links (URLs) to a dedicated product description page.

• **Inexperience in software product development**
  Not all farm software developers are experienced in the field of software product development –
especially with regards to a standard in the supply, packaging and marketing of a new product. Product descriptions are often poorly conceived; for example 12% listed their software as being available as an ‘outright purchase’, as opposed to being made available through an ‘End User License Agreement’ – the latter being the industry standard for the provision of software.

- **Marketing wariness**
  Software developers are reluctant of spend time responding to marketing opportunities with uncertain outcomes and benefits.

It was intended to produce a printed version of the product comparisons. The quantity of the product range made the size of a single grid/table impossible to produce. Separate themed grids were attempted, but due to the large amount of product cross-over (e.g. an individual product is applicable to several categories, e.g. beef, sheep and herd-recording) there could have been hundreds of large tables with multiple listings. Sorting was attempted using the major and minor application and keyword fields but there was still too much cross-over to produce these as themed-grids.

### Table 3: Examples of product listings in a descriptive paragraph format

<table>
<thead>
<tr>
<th>Example of product listing from Computer Software for Agriculture</th>
<th>Example of product listing from The Grant Search Register</th>
<th>The product listing developed in this study</th>
</tr>
</thead>
</table>
| **FARMANAGER SYSTEMS PTY LTD**  
FARMANAGER™ WOOL BOOK  
“Woolbook” keeps track of wool cut per head for each merino together with average macros, yield etc. It shows what percentage of the clip goes into which line to check the performance of wool preparation standards. All text data and price can be entered in bulk once individual bales have been listed. Test data supported includes macros, yield, vegetable matter, length, strength, position of break and coefficient of variation.  
Reports include breed analysis, Beck analysis, a sheep bale book check and a classer’s specification check.  
Operating System: Macintosh  
Hardware Requirements: 1Mb RAM  
Cost: $200, can be combined with any other applications in the Farmanager™ series. | **28 AGRICULTURE WESTERN AUSTRALIA**  
Primary Industry Bursary  
Purpose: for undergraduate study at Curtin University of Technology’s Murdoch Institute of Agriculture or the University of Western Australia’s Faculty of Agriculture  
Eligibility: high academic achievement in Year 12 who intend to complete an undergraduate degree in agriculture, agribusiness, natural resource management, horticulture, viticulture and wine science, specified in one or more areas  
Value: $7,000 per annum for four years of study  
Conditions: Bursary will be awarded until after the publication of TEE results  
Contact: Svitko Van Vreugdyk  
Address: Locked Bag 4, Bentley Delivery Centre, WA 6983  
Tel: (08) 9388 5971  
Fax: (08) 9388 3989  
Email: svitko.vanevroyg@agric.wa.gov.au  
Web Site: www.agric.wa.gov.au  
Deadline: 30 September | The preferred model was to present products in a set of cross-referenced indices. Precedent for this format is found in the last software guide published in Australia, the 11th and final edition of “Computer Software for Agriculture” produced by NSW Agriculture (Reynolds 1999). It contained 175 software products listed in descriptive paragraphs (see Table 3, column 1) under broad agriculture-themes and provided separate supplier and subject indices. A similar format was selected by “The Grant Search Register of Australian Funding 2004/5” (Summers 2003), a successful Australian publication series which currently lists over 3000 grants. It too, provides an alphabetical list of product descriptions in paragraph form (see Table 3, column 2) and a separate subject index. Based on these models, it was decided to produce a listing of product comparisons as: an alphabetical listing of product descriptions (see Table 3, column 3) combined with separate supplier (developer) and subject indices.

### Sourcing and loading into comparison database

Using the descriptive paragraph format, and cognizant of a developer’s need for quick data input, a subset of the data fields presented in Table 2 were selected for use in producing the first version of the farm software directory. The subset of data fields selected for the final product descriptions was based on:

- the minimum information required for a farmer to make an informed choice
- the maximum a developer would supply to a marketing request (determined to be one page)
- the most that could be handled during the remainder of the study period.

The selected fields are listed in Table 4.
Table 4: Data fields used in this study

<table>
<thead>
<tr>
<th>Basic product descriptive details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Full title of software</strong></td>
</tr>
<tr>
<td><strong>Short description</strong></td>
</tr>
<tr>
<td><strong>URL for product</strong></td>
</tr>
<tr>
<td><strong>Major/Minor application (use)</strong></td>
</tr>
<tr>
<td><strong>Keywords</strong></td>
</tr>
<tr>
<td><strong>Type of software</strong></td>
</tr>
<tr>
<td></td>
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<td></td>
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<td></td>
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<tr>
<td></td>
</tr>
<tr>
<td><strong>Pricing structure – licensing</strong></td>
</tr>
<tr>
<td></td>
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<td></td>
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<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>List price</strong></td>
</tr>
<tr>
<td><strong>Country of origin</strong></td>
</tr>
<tr>
<td><strong>Developer details</strong></td>
</tr>
<tr>
<td><strong>Company name</strong></td>
</tr>
<tr>
<td><strong>Company web address</strong></td>
</tr>
<tr>
<td><strong>Company email</strong></td>
</tr>
<tr>
<td><strong>Company phone</strong></td>
</tr>
<tr>
<td><strong>Sales email</strong></td>
</tr>
<tr>
<td><strong>Sales phone</strong></td>
</tr>
<tr>
<td><strong>Project manager name</strong></td>
</tr>
</tbody>
</table>

An MS Access 2003 database was established to house the dataset and handle manual data management and regular updates.

**Producing software comparison tables**

The descriptive data was compiled, sorted and formatted to output three components: an alphabetical listing of product descriptions, combined with separate developer and subject indices. The information is presented in the following chapters:

**Chapter 4: The Australian Farm Software Directory**, presents an alphabetical listing of over 650 software product descriptions
Sourcing and identifying farm management software systems

Sourcing farmers for case studies

To locate farmers who used software, visitors to major agricultural field days and events were targeted. A survey was created in a format familiar to field day attendees – an entry-form to a door prize raffle. The door prize entry-form was used to collect some base-level farm software usage data. See Appendix 1: Section 2, for an example of the form used at one event.

The door prize raffle was run at: the Agforce 2004 Conference; the 2005 Far North Queensland Field Days (Queensland); the 2005 Australian National Field Days (New South Wales); and the 2006 North Queensland Field Days (Queensland). Participants attending the Beef 2006 internet training workshops were surveyed via an entry-form-survey. A direct interview format was used at 2005 Bushy Park Agricultural Show and in associated industry farm visits in Tasmania in 2005.

The door-prize raffles were all run through the hosting state’s Primary Industries Department display. The survey ran from May 2004 to June 2006 and resulted in the receipt of 263 entry forms. From those, 136 indicated that the entrant was a farmer and provided both contact details and their farm’s software titles. These were recorded and compiled into a list of potential case study interview subjects.

The survey also resulted in some simple statistics on software usage (see Table 5). Of the farmers that responded, 63% said that they used software in their farm enterprise. The majority of respondents (84%) used financial software packages, the next highest figure was for those using industry specific software with 42% indicating that they used one or more of these programmes and 37% indicated that they use computers for resource management. Finally, 18% of respondents indicated that they use all three types of software in their farm enterprise.

Table 5: Farm software usage survey results

<table>
<thead>
<tr>
<th>Results of software use surveys</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of entry-form surveys completed</td>
<td>263</td>
</tr>
<tr>
<td>Number who were farmers</td>
<td>136</td>
</tr>
<tr>
<td>Number who used software on the farm</td>
<td>85</td>
</tr>
<tr>
<td>Percentage of farmers who:</td>
<td></td>
</tr>
<tr>
<td>- use farm software</td>
<td>63%</td>
</tr>
<tr>
<td>- use Industry specific software</td>
<td>42%</td>
</tr>
<tr>
<td>- use Resource management software</td>
<td>37%</td>
</tr>
<tr>
<td>- use Financial management software</td>
<td>84%</td>
</tr>
<tr>
<td>- use all three types of software</td>
<td>18%</td>
</tr>
</tbody>
</table>

Interviewing farmers for case studies

In 2005 (Aug-Oct), case study interviews were conducted by advanced journalism students from James Cook University in Townsville. The JCU student writers were provided with lectures, tutorials and mentored sessions as part of a regular rural-technology component of their ‘Feature Writing’ subject. This partnership has previously been used to produce the Rural-IT magazine series: Issues 5-8 (Resing et al. 2003, 2004a, 2004b, 2005).
Interviews were conducted by phone and students were provided with a set of questions to use in their interviews (for a list of questions, see Appendix 1: Section 3). Case-study interviews were prepared as feature stories for use in weekly rural newspapers. This format was chosen for several reasons:

- the diversity of products, industries, geography and function covered in the field of ‘farm software’ dictated that the write-ups be of a general descriptive nature to reach the widest possible audience
- the format and publishing had proved successful in previous work of this kind.

Students developed their interview and research notes into a feature story that profiled and focused on a rural computer software solution. Story drafts were edited by their lecturer, submitted for course assessment, re-edited and the final version released to the research team.

Of the 30 stories prepared by students, 20 were directly about farm software, while the others had a more general rural software/computer application focus. Eighteen of the former were selected for inclusion in this report.

Accompanying each story is a list of software titles, relevant to the story and cross-linked back to the Directory. Whenever possible, these stories, combined with associated lists of relevant software, were published in the rural press. Eight stories were published in Issues 6-8 of Rural-IT, one was published in the Northern Muster and another two were published in Queensland Country Life and the North Queensland Register.

Quotes from case studies

The case studies, presented as feature stories are given in Chapter 10. These quotes, pulled from our interviews provide a quick glimpse into who is using software, what they use it for, when they find the time, why they bother and how they went about it.

WHO uses farm software

Farm software users come in all shapes and sizes: young and old, computer novice or computer savvy. They have one thing in common: a desire to do what needs to be done to create a better business.

Retired school Principal Pam Brown headed back to the TAFE classroom to studying information technology. “I like a challenge and I like to learn new things. I wasn’t looking for a formal qualification I just wanted to fill the gaps in my knowledge and learn more.” “I found a lot of the course was easy.” Pam’s husband John isn’t as keen. “He calls it a confounded machine and doesn’t touch it”.

Pam Brown – Grazing/wool/beef – Cargo, New South Wales

It’s a team effort to operate the software on this farm. Ray’s part is in the dairy, where he records herd information onto paper forms. “Ray and the others are pretty well trained now. Whenever anything happens they know they have to write it down.” At week’s end, Di takes over, collecting the forms and entering the information into their dairy software programme. A two-part system that keeps the records up-to-date and the partners on speaking terms.

Ray and Di Gresham – Dairy farmers – Mary Valley, Queensland

“I decided to write my own program because I couldn’t find what I wanted. I wanted a program that could do both stock and crop and do everything from paddock records through to my stock inventories. I really needed to have about six or at least three different programs to be able to do what I wanted to do. I just wanted something that would stick together as one package.”

Adam Stobart – Fine wool and crop – Carrick, Tasmania

The only thing Katherine knew about a computer when she started out, was that it had an on/off button. Now she is confident enough to do record keeping and accounts for husband Bruce and his brothers. She is even eager to learn more. “We’re looking at using PAM but because Bruce isn’t overly computer

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literate we haven’t got that far yet. He needs to weigh up the pros and cons before he embarks on things.”

_Katherine and Bruce Goss – Mixed grazing/vegetables/cereal – Bishopsbourne, Tasmania_

Software developer and farm auditor Graham Corless wanted to make life easier. “The reason we developed our software was because as an auditor I wanted a system that farmers could use that would make the audit process a lot quicker.” “We trialed it with a small group of farmers and then said tell us what’s wrong. The things they told us have been incorporated into the software.”

_Graham Corless – Developer of The Farm Software System – Victoria_

WHAT are the uses of farm software

The big thing farmers want to know is not so much what it does, but what good it will be. What’s the benefit to the business?

“The big benefit for me is that I now know which of my paddocks are the most productive. The program prompts questions like: why was that paddock the most productive? Was it because I sprayed the thistles in it or I put more or less super in it? Was it because I had shorter graze periods with longer rests? You couldn’t work that out without the program.”

_Wes Brown – Grazing/wool/beef – Cargo, New South Wales_

“Whether we’re growing for human or animal consumption we need records these days. To be able to generate reports so quickly and put on them what we want to show a particular company is just fantastic. But remembering it only works if I do the work before hand. For chemical records as long as I’ve got all the fertiliser etc. fed in, it takes longer to turn the computer on than it does to generate a report.”

_Katherine Bayles – Mixed farming – Cressy, Tasmania_

“If I’m rung up by someone in America they don’t have to wait 10 minutes for an answer I can give it to them straight away.” Jeanette can quickly see which of her 130 head of cattle are on the property at the moment and which ones she wants to sell. “I’d be here all day trying to find the information without the software and there’s no way I could collate it into a report.”

_Jeanette Stebbins – Export cattle and embryos – Princetown, Victoria_

“I guess its one of those things that you get out of it what you put into it. A lot of the stuff I keep in an A4 spiral binder and in my diary. Give me a wet week and I’ll get stuck into it.”

_Robert Green – Grain/cattle/feed lots – Warra, Queensland_

WHEN is farm software used?

When is the right time to move to a computer system and even when you do, when do you have the time to sit at the computer and get the data in?

“I was struggling to balance the books at one stage and my daughter suggested it might be time to change over to computers. Particularly when the GST came in I found that it was taking an enormous amount of time and it was very frustrating. I find the software is wonderful for the GST because in farming there are a lot of difficulties that don’t exist in other businesses.”

_Pam Brown – Grazing/wool/beef – Cargo, New South Wales_
“The biggest one for me is the chemical records for our vegetables that we’re growing. Whether we’re growing something for human or animal consumption we need those records these days. To be able to generate those reports so quickly and put on them what we want to show a particular company is just fantastic.”

Katherine Bayles – Mixed farming – Cressy, Tasmania

“I was buying out a partner from the business and the accountant advised us to move to computers. We’d been thinking about it, so it was the perfect opportunity to start. We bought the program that our accountant advised us to buy, and since then I haven’t heard of one better. It’s easy to look up past transactions and since 2000 the GST part of the program is great.”

Robert Green – Grain/cattle/feed lots – Warra, Queensland

WHERE is software used?

The divide between dirt and data is getting smaller. Farmers are taking computers all over the farm in their efforts to stay globally competitive.

“We use a laptop for all the farm stuff because we run two properties that are 40 kilometers apart. It’s just easier. Instead of bringing the cheque books to the computer, I can just take the computer with me whenever I go to the other property. Also being in partnership with my parents if we need to look at something it’s just there.”

Robert Green – Grain/cattle/feed lots – Warra, Queensland

“I use a Palm Pilot so I can do most of my stock work like movements, out in the paddock. I can update it straight away but when I come into the office at night I update it to the main computer and then that way if someone else wants to come in, or my mother wishes to come and see where any of the stock are on the property then she needs to do is turn on the computer.”

Adam Stobart – Fine wool and crops – Carrick, Tasmania

“Like most cockies I’ve got a small notebook which I affectionately call my brain because without it I would be lost. Everything is recorded into it and at the end of the month I just go through the notebook and enter it all on the home computer. When it has been entered I just tick it off so I know I haven’t missed anything.”

Wes Brown – Grazing/wool/beef – Cargo, New South Wales

“Our computer that’s in the packing shed can be used for two purposes. It runs the grader but it can also be used as a normal PC. It’s handy having a computer close by. At the end of the day when we have finished grading I use a spreadsheet on the computer to record the pallet figures.”

Scott Dixon – Avocados, mangoes and passionfruit – Atherton Tablelands, Queensland

WHY use farm software

Both software developers and farmers respond to demand, which is why software solutions are becoming essential farm tools.

“It’s all about the traceability of genetics and also traceability of the whole life time of the beast because of the NLIS. The data on it we can use for the economics as well to increase our bottom line. If we’ve got a cow that’s producing a very ordinary calf that doesn’t weight we then get rid of her. We don’t keep anything that has shown that defect, so the program is also a culling mechanism.”

Theresa and Don Allen – Beef/lucerne – Albany Downs, Queensland

“I’ll punch information through and get an idea of what weight gains I should be expecting off the pasture.” “If my assessment is correct it will tell me when those lambs will be approaching a saleable weight or target weight. I use it for developing strategies for feeding or for when we think we may be
able to market our stock.” “I’m not weighing stock as much as I normally would have so that’s a saving in time.”

John Lowe – Beef and prime lamb – Lowther, New South Wales

“Customers expect our product to always look the same. They want the same colour, size, grading and packaging. If you can produce what they want you’ll get the best price.” Sunland Market Farmers have a quality system to make sure their high standards are maintained. “Without the software to manage the quality system I’d end up buried in papers.”

Ron Smith – Strawberry farmer and Cooperative quality assurance manager – Queensland

“I try to help farmers get ownership of their business and not to be told what they can and can’t do. I’ve seen where farm advisers have left freight totally out or didn’t do the fertiliser right. If you blow your budget by $50,000 you’re in hot water. I’m empowering farmers to do their own budget and go to the adviser with something prepared.”

Liz Alford – Mobile software training – Western Australia

“Aquaculture was an emerging industry in the late 1990s and had not yet found its feet, but farmers and investors were moving into the industry at a rapid rate. At the time there was very little economic information known about aquaculture, predominantly barramundi and red claw at the time. The initial catalyst for the AquaProfit project was the development of BarraProfit, a comprehensive decision tool and information package for barramundi farmers in Queensland and northern Australia.”

Bill Johnston – Software developer of AquaProfit – Queensland

HOW do you learn about farm software

It’s like riding a horse, learning to swim, driving a tractor… For some it comes naturally and for others the learning curve is steep.

Robert Green didn’t need any formal training to make sense of software. “I picked it up fairly easily when we first bought it and I’ve never had any problems.” “It gets easier to use as time goes on, but then again I’ve been using it for 10 years.” But as a back up, he can give his accountant’s office a call. “A couple of the girls are real whizzes so I just talk to them.”

Robert Green – Grain/cattle/feed lots – Warra, Queensland

The grapevine is a great learning network according to Katherine Bayles. “Most of my training has been sitting around talking to other people and you say ‘how exactly do you do that’. I’ve learnt more that way and in accidentally learning it myself when I’m using it. It may seem like a slow process but if you go to somewhere and you’re told 50 shortcuts in a day you’d be lucky to remember three of them.”

Katherine Bayles – Mixed farming – Cressy, Tasmania

Mobile trainer Liz Alford shows farmers first hand how to get the most out of software. “They go to training courses and come back saying they didn’t learn anything because they use hypothetical situations. This way we can sit around the kitchen table and they can learn about their business. I’ve gone from teaching basic data entry through complicated things like setting up figures for secession planning.”

Liz Alford – Mobile software training – Western Australia

“Our accountant emails us an electronic version of our bank statement and we run it through the program. We basically code the bank statement and then email it back to them. The program is incorporated into our accountant’s fee structure. They provided the training as well but if I do have problems I just ring them. It’s very user friendly.”

John Lowe – Beef and prime lamb – Lowther, New South Wales
Chapter 4: The Australian Farm Software Directory

This is an alphabetical listing of software applicable to Australia’s primary industries sector in 2006. Every effort was made to ensure that all relevant Australian software was included and that product details were correct at time of collection. If you would like to add or delete a product or edit a product’s descriptive listing, before the next update of this directory, contact the project team at: farm.software@dpi.qld.gov.au.

Abalone Assist System
With over seven abalone farms in Victoria, South Australia and Western Australia using the system, Abalone Assist is clearly a proven and invaluable system for traceability, growth monitoring and stock control.

<table>
<thead>
<tr>
<th><strong>Uses</strong></th>
<th>Aquaculture, Fisheries, Business or Farm Planning</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Price</strong></td>
<td>Subscription</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Aqua Assist</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.aquaassist.com/abalone.html">www.aquaassist.com/abalone.html</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:rob@aquaassist.com">rob@aquaassist.com</a></td>
</tr>
<tr>
<td><strong>Price</strong></td>
<td>$3,000</td>
</tr>
</tbody>
</table>

Admiral 7
Comprehensive target tracking, scaling, and vessel management. Also has radar and sounder added as well as 3D Bathy recording of the ocean floor.

<table>
<thead>
<tr>
<th><strong>Uses</strong></th>
<th>Aquaculture, Fisheries, Mapping, GIS, GPS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Company</strong></td>
<td>MR Marine</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.mrmarine.com.au">www.mrmarine.com.au</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:navsys@mrmarine.com.au">navsys@mrmarine.com.au</a></td>
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</table>

Affinity HR Management
The Pay Office Group delivers payroll services to over 350,000 employees in 220 different organisations in Australia and New Zealand. Our services include Payroll Business Process Outsourcing (BPO), Application Services Provision (ASP) and in-house HR.

<table>
<thead>
<tr>
<th><strong>Uses</strong></th>
<th>HR, Payroll, OHS, WHS</th>
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<tbody>
<tr>
<td><strong>Company</strong></td>
<td>The Pay Office Group</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.payoffice.com">www.payoffice.com</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:info@thepayoffice.net">info@thepayoffice.net</a></td>
</tr>
</tbody>
</table>

Affinity Payroll
Developed to expedite payroll tasks. Leave management options for all employee types. Separate and consolidated management of multiple payrolls. Automated interfaces to third party products. Full G/L interface facilities, including accrual management.

<table>
<thead>
<tr>
<th><strong>Uses</strong></th>
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</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:info@thepayoffice.net">info@thepayoffice.net</a></td>
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</table>

Affinity Payroll and HR Analysis
Delivers more than 600 standard reports and reporting options, designed to cover all legislative and common reporting requirements. Special purpose parameter driven reporting options have been implemented to expressly deliver target information.

<table>
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<tr>
<th><strong>Uses</strong></th>
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<tbody>
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<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.payoffice.com">www.payoffice.com</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:info@thepayoffice.net">info@thepayoffice.net</a></td>
</tr>
</tbody>
</table>

Abattoir/Food Processing Software
Triton have complete solutions for food processors (meat, chicken, fish) focussing on processing, packing and distribution. These production recording systems can be linked to complete company wide enterprise solutions.

<table>
<thead>
<tr>
<th><strong>Uses</strong></th>
<th>Animal Industries, Legislative compliance, Recordkeeping</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Company</strong></td>
<td>Triton Commercial Systems</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.tritoncomsys.com">www.tritoncomsys.com</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:mburke@tritoncomsys.com">mburke@tritoncomsys.com</a></td>
</tr>
</tbody>
</table>

Adviser, Back Paddock Software
Paddock based crop, horticulture and livestock production rotational planning analysis, reporting and mapping tool designed for agronomists and farm advisers. Instant gross margins, input shopping lists and various reporting configurations-links to soil sample information.

<table>
<thead>
<tr>
<th><strong>Uses</strong></th>
<th>Mapping, GIS, GPS, Resource/Farm planning</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Company</strong></td>
<td>Back Paddock Software</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.backpaddock.com.au">www.backpaddock.com.au</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:wdate@nutrientms.com.au">wdate@nutrientms.com.au</a></td>
</tr>
</tbody>
</table>

About Pest Thrips of the World
Provides assistance with thrip identification to anyone needing to identify thrips that damage crops anywhere in the world.

<table>
<thead>
<tr>
<th><strong>Uses</strong></th>
<th>Cropping, Pests, Weeds;</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Company</strong></td>
<td>CBIT: Centre for Biological Information Technology</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://cbit.uq.edu.au">http://cbit.uq.edu.au</a></td>
</tr>
</tbody>
</table>
Uses: Legislative compliance, HR, Payroll, OHS, WHS
Company: The Pay Office Group
Web: www.payoffice.com
Email: info@thepayoffice.net 1800 027 900
Australia

Affinity Scheduling/Rostering
Existing roster/scheduling systems can be interfaced to import roster details. Alternatively, myWorkgroup can be used to manage rosters directly with its “shorthand” and replicate roster functions. Managers can graphically build rosters.

Uses: HR, Payroll, OHS, WHS
Company: The Pay Office Group
Web: www.payoffice.com
Email: info@thepayoffice.net 1800 027 900
Australia

Affinity Time & Attendance
Timesheet, daily labour costing, automatic rostering.

Uses: HR, Payroll, OHS, WHS
Company: The Pay Office Group
Web: www.payoffice.com
Email: info@thepayoffice.net 1800 027 900
Australia

AFLOMAN
Peanut Farmer, software to reduce the risk of aflatoxin contamination in peanuts.

Uses: Peanuts, Simulations, Disease
Price: Free to Members
Company: Department of Primary Industries & Fisheries (QLD)
Web: www.apsim.info/apsim/afloman/
Email: graeme.wright@dpi.qld.gov.au 07 4160 0734
Australia

AgET
A simple water balance calculator. AgET helps farmers and advisors to understand how differing climates, plants, soils and rotations influence the water balance. The model uses average climate, and representative soil and plant information.

Uses: Irrigation, Dams, Water
Company: Department of Agriculture and Food (WA)
Web: www.agric.wa.gov.au
Email: praper@agric.wa.gov.au 08 9780 6255
Australia

AgGPS 170 Field Computer
Facilitates any agricultural operation: spreading, spraying, planting, land levelling and even precision cultivation and seedbed preparation. Can also provide sophisticated automated record keeping.

Uses: Recordkeeping
Company: BMS LaserSat
Web: www.bmslasersat.com.au
Email: lew@bmslasersat.com.au 07 4783 2688
Australia

AgGPS AutoPilot
An automated steering system which reduces overlap and driver fatigue, increasing efficiency and extending hours of operation. RTK Autopilot delivers accuracy and repeatability which significantly reduces soil compaction and crop damage.

Uses: Mapping, GIS, GPS, Plant, Equipment, Inventory
Company: BMS LaserSat
Web: www.bmslasersat.com.au
Email: lew@bmslasersat.com.au 07 4783 2688
Australia

AgGPS EZ-Map
Affordable mapping, logging, and sampling software for growers and agribusinesses.

Uses: Mapping, GIS, GPS
Company: BMS LaserSat
Web: www.bmslasersat.com.au
Email: lew@bmslasersat.com.au 07 4783 2688
Australia

AgGPS EZ-Steer
Steering Assist system upgrade can be fitted to any vehicle with power steering that is fitted with the EZ-Guide Plus guidance system.

Uses: Plant, Equipment, Inventory
Company: BMS LaserSat
Web: www.bmslasersat.com.au
Email: lew@bmslasersat.com.au 07 4783 2688
Australia

AgGPS TrimFlight3
Precise aerial guidance and record keeping with colour display.

Uses: Recordkeeping
Company: BMS LaserSat
Web: www.bmslasersat.com.au
Email: lew@bmslasersat.com.au 07 4783 2688
Australia

AgGuide Cane Yield Monitor
Record your sugar cane yield plus other vehicle monitoring requirements such as speed, position, engine on/off and various other vehicles states - waterproof and vibration proof enclosure. Use the yield data to create a prescription map for variable rate.

Uses: Cropping, Mapping, GPS
Price: Outright Purchase
$8,250
Company: AgGuide
Web: www.agguide.com.au
Email: sales@agguide.com.au 07 3279 4344
Australia

AgGuide LevelGuide
Use your existing 2cm RTK GPS with our LevelGuide software to control your laser bucket. The laser bucket will be automatically controlled by the software. Use LevelGuide software with an RTK GPS to firstly record levels around your farm.

Uses: Cropping, Mapping, GPS
Price: Outright Purchase
$19,500
Company: AgGuide
Web: www.agguide.com.au
**AgGuide LightGuide**

Allows you to follow the required path accurately, accuracies available range from sub metre to 10cm.

*Uses*  Cropping, Mapping, GPS

*Price*  Outright Purchase $12,500

*Company*  AgGuide

*Web*  www.agguide.com.au

*Email*  sales@agguide.com.au  07 3279 4344

**AgGuide RigGuide**

"Hands free" steering software for your implement. Steer your tractor and implement at the same time – the ultimate in accuracy. "Invention of the Year" at AgShow and AgGrow 2003 - 2004. Can work with all brands of 2cm RTK systems.

*Uses*  Cropping, Mapping, GIS, GPS

*Price*  Outright Purchase $10,100

*Company*  AgGuide

*Web*  www.agguide.com.au

*Email*  sales@agguide.com.au  07 3279 4344

**AgGuide RotaGuide**

Automatically control the tripping of your rotor bucket as your hands free steer along the head ditch. Can work with all brands of 2cm RTK systems.

*Uses*  Cropping, Mapping, GIS, GPS

*Price*  Outright Purchase $7,500

*Company*  AgGuide

*Web*  www.agguide.com.au

*Email*  sales@agguide.com.au  07 3279 4344

**AgGuide RowGuide – 10cm Omnistar HP**

The RowGuide Software is our 10cm "hands free" steering software. Includes coverage maps. Records farm maps. Stores unlimited farms and fields.

*Uses*  Cropping, Mapping, GIS, GPS

*Price*  Outright Purchase $28,000

*Company*  AgGuide

*Web*  www.agguide.com.au

*Email*  sales@agguide.com.au  07 3279 4344

**AgGuide RowGuide – 2cm RTK**

The RowGuide Software is our 2cm "hands free" steering software. Includes coverage maps. Records farm maps. Stores unlimited farms and fields. Can work with all brands of 2cm RTK systems.

*Uses*  Cropping, Mapping, GIS, GPS

*Price*  Outright Purchase $36,750

*Company*  AgGuide

*Web*  www.agguide.com.au

*Email*  sales@agguide.com.au  07 3279 4344

**AgGuide Steering Buddy**

Use your existing GPS with our Itronix Tablet PC and RowGuide Software and steering kit to steer a range of tractors and give more accurate guidance during planting, spraying, and inter-row cultivation. Can work with all brands of 2cm RTK systems.

*Uses*  Cropping, Mapping, GIS, GPS

*Price*  Outright Purchase $22,100

*Company*  AgGuide

*Web*  www.agguide.com.au

*Email*  sales@agguide.com.au  07 3279 4344

**AgGuide Vehicle Monitoring System**

Record your position, speed, engine on/off, elevator on/off and various other vehicles states - waterproof and vibration proof enclosure.

*Uses*  Cropping, Mapping, GIS, GPS

**AgInfoLink.NET Online Solutions**

A web-based information system that can store and analyse data collected throughout the supply chain. It provides traceability and audit ability solutions as well as sophisticated data analysis (benchmarking, modelling, data-mining and decision support) to a diverse range of industries.

*Uses*  Business Intelligence, Business Management Solutions

*Price*  Subscription POA

*Company*  AgInfoLink Australasia


*Email*  enquiries@aginfolink.com.au  1800 787 800

**AGIRD**

The Australian Grain Insect Resistance Database centralises resistance data across government agencies.

*Uses*  Cropping, Pests, Weeds

*Company*  Department of Agriculture and Food (WA)

*Web*  www.agric.wa.gov.au

*Email*  remery@agric.wa.gov.au  08 9368 3247

**AGMAPS – Land Manager**

Used by anyone from land holder to planner, this easy to use CD-ROM based decision-support tool gives instant access to detailed information about the land, its potential for different uses, and locally relevant management information. Save time and money through access to a world of information.

*Uses*  Land-use, Resource planning

*Price*  TBA - 0 - $80

*Company*  Department of Agriculture

18
AGMAPS – Land Profiler
Used by anyone from land holder to planner, this easy to use CD-ROM based decision-support tool gives instant access to detailed information about the land and its potential for different uses. Save yourself time and money by having easy access to a whole new world of information about your land.

**Uses**
Land-use, Resource planning

**Price**
TBA - 0 - $80

**Company**
Department of Agriculture and Food (WA)

**Web**
www.agric.wa.gov.au

**Email**
lvernon@agric.wa.gov.au

08 9368 3333

Australia

Agrimaster 5
Written by farmers for farmers Agrimaster is an easy to use and comprehensive cashbook system as well as one of the country’s most outstanding enterprise budgeting systems. Manage enterprise finances and make confident decisions using superior financial management plans and reports.

**Uses**
Bookkeeping, Accounting

**Price**
TBA - 0 - $80

**Company**
Agrimaster

**Web**
www.agrimaster.com.au

**Email**
sales@agrimaster.com.au

1800 110 000

Australia

Agrimaster 5 Essentials
An easy to use rural specific cashbook program. Produce a number of reports including enterprise reports, budget comparisons, cash trial balance, GST, PAYG, withholding and BAS report. Also has income calculator for grain, cotton and rice. No full budgeting, Quick Budget facility only.

**Uses**
Bookkeeping, Accounting

**Price**
POA

**Company**
Agrimaster

**Web**
www.agrimaster.com.au

**Email**
sales@agrimaster.com.au

1800 110 000

Australia

Agrimaster 5 Lite
Cashbook online Internet banking.

**Uses**
Bookkeeping, Accounting

**Company**
Agrimaster

**Web**
www.agrimaster.com.au

**Email**
sales@agrimaster.com.au

1800 110 000

Australia

AgWISE
An easy to use and comprehensive crop, soil, water and climate monitoring system, making it the total solution for growers and consultants interested in sustainability and profitability.

**Uses**
Cropping, Weather, Climate, Rainfall, Business or Farm Planning

**Price**
Subscription

**Company**
Practical Systems

**Web**
www.psystems.com.au/Agrisphere

**Email**
sales@psystems.com.au

02 6772 6672

Australia

AirData Vector Analysis
Environdata’s AirData software resolves the difficulty of accurate measurement by vector analysis, or the net effect of wind speed and direction.

**Uses**
Weather, Climate, Rainfall

**Price**
POA

**Company**
Environdata

**Web**
www.environdata.com.au

**Email**
enquiries@agrilink.net

1800 247 454

Australia

Aleis DataLink
Purposefully designed to download RFIDs from the ALEIS range of readers to your computer to save in Excel and transfer them on the NLIS database. Tag buckets can also be downloaded from the NLIS database.

**Uses**
Grazing animals, Legislative compliance, Recordkeeping

**Company**
Aleis International

**Web**
www.aleis.com

**Email**
brian@aleis.com

0408 987 236

Australia
**ALFI database**
An interactive database for Access program software on nutritional quality of locally grown grains for pigs, poultry and aquaculture species.

*Uses* Cropping, Processing, Transport

*Company* Grains Research & Development Corporation

*Web* www.grdc.com.au

*Email* m.cribb@grdc.com.au

*02 6272 5525*  

**Allocations**
Integrated payroll – allocations encompasses the requirements of agency-type organisations. It has all the required processes that will have you maximising your resources and improving profits through efficiencies.

*Uses* HR, Payroll, OHS, WHS

*Company* Favour

*Web* www.favour.com.au

*Email* alex@favour.com.au  

*03 9816 4266*  

**Alpaca Breeders Toolkit**
Currently contains details on the 75,000+ alpacas registered in Australia and New Zealand. It contains easy to use search tools that allow you to research parentage, progeny, progeny colour outcomes, results from major shows.

*Uses* Animal Industries, Breeding, Genetics, Recordkeeping

*Company* Berrima International

*Web* www.berrima.biz

*Email* alpaca.toolkit@bigpond.com  

*02 9894 9010*  

**AlpacaPlan**
Herd management software that allows breeders to track all activities associated with each animal. It tracks mating, medications, movements, births, show results, scheduling and reminders of future tasks. There are over 50 reports.

*Uses* Alpacas, Breeding, Records

*Company* Berrima International

*Web* www.berrima.biz

**AM-Win (lite, Levels 1,2&3)**
Provides powerful, fully Windows compliant software solutions for small to medium size enterprises, with a strong emphasis on service or job based industries.

*Uses* Business Mgmt. Solutions

*Company* AM-Win Software

*Web* www.am-win.com.au

*Email* am-win@bigpond.net.au  

*02 9833 2100*  

**ANZ Farm Budget Planners**
The budget planners are easy to use calculators that perform a variety of functions from preparation of annualised cash budgets, estimating costs of a new loan to obtaining key performance ratios.

*Uses* Bookkeeping, Accounting

*Company* ANZ Banking Group

*Web* www.anz.com

*Email* crawleyg@anz.com  

*07 4638 5264*  

**APSIM**
The APSIM computer model simulates biophysical processes in farming systems. APSIM uses plant, soil, management and weather data to produce outputs of potential crop yields and farming systems analyses integrating climate risk.

*Uses* Modelling, Simulations

*Company* Department of Primary Industries & Fisheries (QLD)

*Web* www.dpi.qld.gov.au

*Email* christopher.murphy@dpi.qld.gov.au  

*07 4688 1596*  

**Aquafarm**
AquaFarm software is used for aquaculture facility design, management planning, and enterprise development. AquaFarm is based in aquacultural science and engineering and uses computer modelling and simulation to test and analyse aquaculture systems.

*Uses* Aquaculture, Fisheries, Modelling, Simulations, Business or Farm Planning

*Price* Purchase End User License POA

*Company* AquaFarm.com

*Web* www.AquaFarm.com

*Email* UserSupport@AquaFarm.com  

**AQUAFarmer (V2)**
Financial feasibility and cash flow optimisation software that models recirculation aquaculture and calculates key financial indicators based on farm size, stocking density, growth parameters, sales strategy and other farm variables.

*Uses* Aquaculture, Fisheries, Modelling, Simulations, Business Management Solutions

*Price* Outright Purchase $825

*Company* Department of Primary Industries (VIC)


*Email* peter.rawlinson@dpi.vic.gov.au  

*03 9658 4345*  

**Aqualink – Irrigation Control Software**
Aqualink is the complete control and communications package software for the Wisa Evolution. The flexible and full function software will operate with all soil moisture probes and most weather stations to give precise control of valves, pumps.

*Uses* Irrigation, Dams, Water

*Company* WiSA Irrigation Solutions

*Web* www.irrigatewisa.com.au

*Email* graeme@irrigatewisa.com.au  

*03 5480 7713*  

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*20*
**AquaProfit Series**  
Covers barramundi, silver perch and jade perch, marine prawns, redclaw and oysters: By using the various models, farmers can assess the economic impacts and evaluate such factors as disease, fluctuating water quality, varying feed conversion ratios and market prices.

**Uses**  
Aquaculture, Fisheries, Business or Farm Planning

**Price**  
Outright Purchase  
$990

**Company**  
Department of Primary Industries & Fisheries (QLD)

**Web**  
www.dpi.qld.gov.au

**Email**  
bill.johnston@dpi.qld.gov.au

**07 5430 4928**

**Australia**

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**Attaché Payroll**  
Attaché Payroll seamlessly integrates with other Attaché Software products to enable customised reporting, confidential emailing of pay advices and general ledger integration (including multiple cost centres).

**Uses**  
HR, Payroll, OHS, WHS

**Company**  
Attaché Software

**Web**  
www.attachesoftware.com

**Email**  
Markhi@AttachéSoftware.com

**02 9455 1319**

**Australia**

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**ArcGIS Desktop**  
A family of software products that provide core mapping and GIS functionality which helps to form a complete GIS built on industry standards that provide exceptional, yet easy-to-use capabilities out of the box.

**Uses**  
Mapping, GIS, GPS

**Company**  
ESRI Australia

**Web**  
www.esriaustralia.com.au

**Email**  
gis_sales@esriaustralia.com.au

**1800 447 111**

**Australia**

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**Arkive Test Drive**  
Trial version of software program that maintains all records over successive seasons and incorporates HACCP reporting formats. Records include spray diary, block records, irrigation, labour, equipment, fertiliser, harvesting etc. costs per tonne etc.

**Uses**  
Horticulture, Supply Chain, Recordkeeping

**Price**  
Outright Purchase  
$20

**Company**  
Arkive Software

**Web**  
www.arkive.com.au

**Email**  
info@arkive.com.au

**03 5729 7605**

**Australia**

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**AuctionsPlus Pty Ltd**  
An internet based livestock auction system running regular weekly livestock sales.

**Uses**  
Animal Industries

**Price**  
Free

**Company**  
AuctionsPlus Pty Limited

**Web**  
www.auctionsplus.com.au

**Email**  
ksalan@auctionsplus.com.au

**02 9262 4222**

**Australia**

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**AusBeef**  
Enables simple predictions of digestibility, nutritive value, body growth rates and composition in response to a range of feedstuffs and feeding strategies. It may also be used to assess the value of their products for use in feedlots.

**Uses**  
Intensive livestock, Modelling, Simulations

**Price**  
TBA, POA

**Company**  
CSIRO

**Web**  
www.csiro.au

**Email**  
grazplan@csiro.au

**02 6246 5417**

**Australia**

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**AusFarm**  
A flexible simulation tool for agricultural enterprises designed to analyse complex agricultural management questions, especially mixed farming operations and multiple enterprise farms. Any process model can potentially be employed within it. AusFarm is used by researchers and advisors.

**Uses**  
Mapping, GIS, GPS

**Price**  
Subscription

**Company**  
Horizon Agriculture Pty Ltd

**Web**  
www.pi.csiro.au/grazplan/

**Email**  
horizontech@msn.com.au

**02 9440 8088**

**Australia**

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**AusGrass**  
Identification guide and information system to 1323 species of grass, native or naturalised, growing wild in Australia.

**Uses**  
Plant Industries

**Price**  
Free

**Company**  
Environmental Protection Agency (QLD)

**Web**  

**Email**  
bryan.simon@epa.qld.gov.au

**07 3896 9365**

**Australia**

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**AUSPIG**  
Is a powerful decision support software system for the pig industry professional. It applies science to pig farm management to assist the user in implementing more profitable pig management strategies.

**Uses**  
Intensive livestock, Business or Farm Planning

**Price**  
TBA

**Company**  
APL

**Web**  
www.australianpork.com.au

**Email**  
geogy.philip@australianpork.com.au

**02 6285 2200**

**Australia**

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**AussieGRASS**  
The AussieGRASS project uses advanced spatial simulation techniques and supercomputing facilities to build on the research and experience of many of Australia's leading agronomists in developing a system for assessing and monitoring the condition of Australia's extensive grazing lands.

**Uses**  
Plant Industries, Modelling, Simulations

**Price**  
TBA

**Company**  
Department of Natural Resources and Water (QLD)

**Web**  

**Email**  
beverley.henry@nrm.qld.gov.au
**Aust Natural Resources Data Library**
The ANRDL provides data, information and nationwide assessments of Australia’s land, water and biological resources. The ANRDL has been developed in partnership with the NLWRA and in conjunction with the Australian Natural Resources Atlas.

**Uses**
Land-use, Resource planning

**Price**
Free

**Company**
Bureau of Rural Sciences (DAFF)

**Web**
http://adl.brs.gov.au

**Email**
evert.bleys@brs.gov.au


**AutoFarm DataLogger**
DataLogger software lets you record field topographical information. Save money by doing your own field survey during regular field operations, creating your own topography maps to assist in decisions on field grading, ditches, levelling and tiling.

**Uses**
Mapping, GIS, GPS, Recordkeeping

**Company**
gps-Ag

**Web**
www.gps-ag.com.au

**Email**
ceay@gps-ag.com.au
1800 211 884
Australia

**AutoFarm Viewer**
A free viewer program designed so you can easily view coverage maps from the AutoFarm and export them to other programs.

**Uses**
Mapping, GIS, GPS

**Company**
gps-Ag

**Web**
www.gps-ag.com.au

**Email**
ceay@gps-ag.com.au
1800 211 884
Australia

**AutoSPRAY 4080**
An autonomous system that will connect with virtually any GPS receiver and rate controller to manage the working state of the sections. With the ability to control up to 8 sections the AS4080 relieves operator fatigue and manages precision shut-off to minimize over spraying.

**Uses**
Cropping, Mapping, GIS, GPS

**Price**
Outright Purchase

**Company**
Rinex Technology

**Web**
www.rinex.com.au

**Email**
sales@rinex.com.au
08 9474 4771
Australia

**AutoSTEER**
An add-on option to the Saturn HT or HR system. AutoSTEER is available in a range of different accuracies and hydraulic & electric kits are available to suit most tractors, self propelled sprayers and headers.

**Uses**
Cropping, Mapping, GIS, GPS

**Price**
Outright Purchase

**Company**
Rinex Technology

**Web**
www.rinex.com.au

**Email**
sales@rinex.com.au
08 9474 4771
Australia

**Avi-Australian Viticultural Investigator**
Avi replaces BugMatch and has been developed with the CRC for Viticulture, South Australia. Avi aims to assist growers with biological and taxonomic data, identification of pest and diseases and supply management options and procedures. The chemical database now incorporates organic products for pest and disease control.

**Uses**
Plants, Pests, Weeds, Price

**Price**
Purchase End User License
$120 or $295 with chemical/organics database

**Company**
Future Solutions Media

**Web**
www.futuresolutions.com.au

**Email**
info@futuresolutions.com.au
08 8211 6593
Australia

**AVOINFO**
An avocado reference database containing bibliographic details for 5,700 references of published information on avocados from 1911 to 2004. 3200 of these references supplied with abstracts.

**Uses**
Horticulture, Business Intelligence

**Price**
Outright Purchase

**Price**
$49.50/Australians, POA/others

**Company**
Department of Primary Industries & Fisheries (QLD)

**Web**

**Email**
avoman@dpi.qld.gov.au
07 5441 2211
Australia
made avocado orchard record keeping and reporting system. Comprehensive orchard management information.

**Uses**
Horticulture, Recordkeeping

**Price**
Outright Purchase

**Company**
Department of Primary Industries & Fisheries (QLD)

**Web**

**Email**
avoman@dpi.qld.gov.au
07 5441 2211

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**BankLink**

BankLink is the proven solution for GST compliance, eliminating data entry and streamlining the coding process. Contact your accountant to find out why the BankLink service is right for you.

**Uses**
Bookkeeping, Accounting

**Company**
BankLink

**Web**
www.banklink.com.au

**Email**
sales@banklink.com.au
1800 123 242

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**Bee Hive**

Each hive can be kept on a separate file. Current location of a hive as well as up to 200 previous locations, allowing an accurate history. Also can record honey production, honey varieties and sales records. This is currently DOS only.

**Uses**
Intensive livestock, Recordkeeping

**Company**
ArComPro

**Web**

**Email**
arcompro@nnsw.com.au
02 6721 1032

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**Bee Cattle Gross Margin Template**
The gross margin template is based on a self-replacing herd. The gross margin also includes sensitivity analysis on key variables.

**Uses**
Grazing Animals, Breeding, Genetics, Disease/Health/Welfare, Recordkeeping

**Company**
Mindshop Agribusiness

**Web**

**Email**
rcumings@mindshop.com.au
0414 929 585

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**BeefLink – Individual Animal Manager**

It is a sophisticated real-time decision-making and data collection system designed for professional beef producers. It provides performance recording, customized reporting, carcase feedback and an interface to NLIS. It is the application of choice of large-scale innovative beef producers.

**Uses**
Grazing Animals, Supply Chain, Business Management Solutions

**Price**
Subscription

**Company**
AgInfoLink Australasia

**Web**

**Email**
enquiries@aginfolink.com.au
1800 787 800

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**Beefstud**

Keep track of progeny, weight recording, inoculations, dipping treatments and drenching. This is currently DOS only.

**Uses**
Grazing Animals, Breeding, Genetics, Disease/Health/Welfare, Recordkeeping

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**Barra Profit**

Evaluate a barramundi aquaculture project using economic models that represent a steady state farm, to look at the impacts of changing any part of the production cycle (feed, stocking density, production time harvesting methods, marketing etc.). Based on a cost/benefit approach using discounted cash flow.

**Uses**
Aquaculture, Fisheries, Business or Farm Planning

**Price**
Outright Purchase

**Company**
Department of Primary Industries & Fisheries (QLD)

**Web**

**Email**
avoman@dpi.qld.gov.au
07 5441 2211

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**Web**

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1800 787 800

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**Uses**
Aquaculture, Fisheries, Business or Farm Planning

**Price**
Outright Purchase

**Company**
Department of Primary Industries & Fisheries (QLD)

**Web**

**Email**
avoman@dpi.qld.gov.au
07 5441 2211

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**Price**
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**Email**
enquiries@aginfolink.com.au
1800 787 800

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Keep track of progeny, weight recording, inoculations, dipping treatments and drenching. This is currently DOS only.

**Uses**
Grazing Animals, Breeding, Genetics, Disease/Health/Welfare, Recordkeeping
Boning Room Infeed
Monitors and tracks product as it enters the packing room. All "new" information about the product is recorded through touch screen technology upon entry to the packing room. In addition, this system controls the segregation of product entering the room, derived from user-definable parameters.

Uses
- Plant Industries, Processing, Transport, Plant, Equipment, Inventory

Price
- Purchase End User License POA

Company
- Cedar Creek Company Pty Ltd

Web
- www.cedarcc.com.au

Email
- salesenquiries@cedarcc.com.au

07 3356 0999

Australia

Breedcow and Dynama
Herd budgeting software package comprised of ten separate but connected programs. The software handles budgeting methods and accounting concepts used in extensive beef production systems.

Uses
- Grazing Animals, Modelling, Simulations, Land-use, Resource planning, Business or Farm Planning

Price
- Purchase End User License $495

Company
- Department of Primary Industries & Fisheries (QLD)

Web

Email
- bill.holmes@dpi.qld.gov.au

07 4722 2663

Australia

BreedObject
Is a tool for formalising breeding objectives and indexes that can help breeders and buyers of seedstock to breed more profitable cattle. At www.breedobject.com you can access industry indexes for all recorded animals, including for sale catalogues.

Uses
- Grazing Animals, Breeding, Genetics, Business or Farm Planning

Company
- Animal Genetics and Breeding Unit (NSW-DPI, UNE)

Web
- http://agbu.une.edu.au

Email
- agbu@une.edu.au

02 6773 2055

Australia

BROWSER
A new generation graphical visualisation tool for efficiently exploring time series data. Its efficiency and speed make the task of data exploration (input and output data) more doable in an environment where models generate large volumes.

Uses
- Modelling, Simulations

Company
- Department of Primary Industries & Fisheries (QLD)

Web

Email
- christopher.murphy@dpi.qld.gov.au

07 4688 1596

Australia

Bugmatch Citrus
Allows you to identify pests, pathogens and deficiency diseases in citrus.

Uses
- Horticulture, Pests, Weeds

Company
- CBIT: Centre for Biological Information Technology

Web
- http://cbit.uq.edu.au

Email
- enquiries@cbit.uq.edu.au

07 3365 1111

Australia

BugMatch Cotton
Provides an easy insect identification key to pests that economically damage cotton and also the beneficial insects that are found in cotton.

Uses
- Cropping, Pests, Weeds

Company
- CBIT: Centre for Biological Information Technology

Web
- http://cbit.uq.edu.au

Email
- enquiries@cbit.uq.edu.au

07 3365 1111

Australia

Bugmatch Grapes
Contains a simple pictorial key for the initial diagnosis of a number of diseases and pests of grapes in Australia and New Zealand.

Uses
- Horticulture, Pests, Weeds

Company
- CRC: Viticulture

Web
- www.crcv.com.au

Email
- bridget.ransome@crcv.com.au

0403 008 331

Australia

Budget Solutions
A calculator for comparing alternative gross margins budgets in dry land farming operations. The program consists of two modules, "Cropping" for the usual range of cereal, pulse and oilseed crops and "Livestock" for sheep and beef enterprises.

Uses
- Business Intelligence, Business or Farm Planning

Price
- Purchase End User License $220

Company
- Rural Solutions SA

Web
- www.ruralsolutions.sa.gov.au

Email
- cook.bridget@saugov.sa.gov.au

08 8755 3166

Australia

BulkView
Remote silo and material bin monitoring and logging system.

Uses
- Cropping, Recordkeeping

Company
- BEC Systems

Web
- www.becsystems.com.au

Email
- sales@becsystems.com.au

03 9386 6401

Australia
**Bull Sale Catalogue**

Conference CDROM / DVD.

Uses: Business Mgmt. Solutions

Price: Purchase End User License

Company: Range Media

Web: www.rangemedia.com.au

Email: mail@rangemedia.com.au

07 4639 3176

Australia

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**Bullocks, Destock and Splitsal**

This is a 3-program suite:

DESTOCK predicts future gross margins from particular groups of breeder cattle. BULLOCKS calculates prospective gross margins on turnover cattle, or non-breeding cattle being considered for forced sales.

SPLITSAL predicts the % of a mob above or below a predetermined cut-off weight.

Uses: Grazing Animals, Modelling, Simulations, Farm Planning

Price: Purchase End User License

$99

Company: Department of Primary Industries & Fisheries (QLD)

Web: www.dpi.qld.gov.au

Email: bill.holmes@dpi.qld.gov.au

07 4722 2663

Australia

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**Burratronics Grader Conversion**

A software/hardware refurbishment for any existing fruit grading machine. Even a mechanical weight grader has been converted. Running on a standard office PC and with self diagnostic features this conversion will improve accuracy and reduce downtime.

Uses: Horticulture, Processing, Transport, Plant, Equipment, Inventory

Price: POA

Company: Burratronics

Web: www.burratronics.com.au

Email: info@burratronics.com.au

07 4096 5554

Australia

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**Burratronics Label Printing System**

A system that allows production line labelling of trays, cartons, pallets etc. using self-adhesive labels, remotely mounted keypads, and a PC-based software suite. Ideal for fruit packing or applications where units must be labelled.

Uses: Legislative compliance, Quality Assurance/Risk

Price: POA

Company: Burratronics

Web: www.burratronics.com.au

Email: info@burratronics.com.au

07 4096 5554

Australia

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**Business Support Tools**

A range of primary production business support tools ranging from business risk calculators, business plan assistance, debt safety assessment and economic valuation models.

Uses: Business or Farm Planning

Price: TBA

Company: Holmes Sackett & Associates

Web: www.hs-a.com.au

Email: hsa@hs-a.com.au

02 6931 7110

Australia

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**BYDV Risk Forecast**


Uses: Modelling, Simulations, Pests, Weeds

Company: Department of Agriculture and Food (WA)

Web: www.agric.wa.gov.au

Email: rjones@agric.wa.gov.au

08 9368 3269

Australia

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**Canegrub**

This interactive training package and library is the first best practice management CD-ROM to be produced for the Australian sugar industry. Designed to help relay the basic principles for greyback canegrub best practice management.

Uses: Cropping, Pests, Weeds, Business Solutions

Company: CBIT: Centre for Biological Information Technology

Web: http://cbit.uq.edu.au

Email: enquiries@cbit.uq.edu.au

07 3365 1111

Australia

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**Canlink 3000 VRI**

Automatically varies water rates by cycling banks of sprinklers on/off, controlling pivot speed. Application rates are determined.
Cash BAS
Easy to use MS Excel spreadsheet with simple cash receipts and cash payments book linked to your BAS. Automatically totals relevant columns and displays them in BAS look-a-like, ready to transpose the data to the ATO's BAS form.

- **Uses**: Bookkeeping, Accounting
- **Price**: TBA $50
- **Company**: Optimal Business Solutions
- **Web**: www.obsolutions.com.au
- **Email**: info@obsolutions.com.au
- **Australia**

Cashbook Plus! – Primary Producer
A specialised farm accounting software package offering a financial management system for farmers. It features a unique four tier approach which caters for all ability levels and growth requirements.

- **Uses**: Legislative compliance, Bookkeeping, Accounting
- **Price**: Outright Purchase from $450 (GST + 12 months support incl)
- **Company**: Practical Systems
- **Email**: sales@psolutions.com.au
- **Australia**

CashMagic
Record your day-to-day cash movement quickly and efficiently, while always knowing where your business is financially situated. Every aspect of control is at your fingertips. Generate net and clear cash flow reports, profit and loss statements, BAS.

- **Uses**: Bookkeeping, Accounting
- **Company**: Saltbush Agricultural Software
- **Web**: http://saltbush.une.edu.au
- **Email**: conrad@saltbush.une.edu.au
- **Australia**

Catcher
A companion program to AgET. It calculates, at a catchments level, evapotranspiration, runoff and recharge with the selected land uses.

- **Uses**: Land-use, Resource planning
- **Company**: Department of Agriculture and Food (WA)
- **Web**: www.agric.wa.gov.au
- **Email**: praper@agric.wa.gov.au
- **Australia/New Zealand**

CASHmanager Debtors
The module integrates with CASHmanager, producing invoices and statements along with sales reports, aged balances etc.

- **Uses**: Bookkeeping, Accounting
- **Price**: Purchase End User License $326
- **Company**: Computer Concepts & Systems
- **Web**: www.computerconcepts.com.au
- **Email**: sales@computerconcepts.com.au
- **Australia/New Zealand**

CASHmanager Rural
Easy to use cashbook, wagebook and debtors with many farming specific features not found in standard software. Full integration of actual stock and crop quantities, by enterprise with budget forecasts is a specialty along with analysis per hectare or per DSE. Exports to most accounting systems.

- **Uses**: Bookkeeping, Accounting
- **Price**: Purchase End User License $1,206
- **Company**: Computer Concepts & Systems
- **Web**: www.computerconcepts.com.au
- **Email**: sales@computerconcepts.com.au
- **Australia/New Zealand**

CatchMan
A GIS/mapping system to manage and plan land-based projects. Includes live GPS data capture, works costing tools and digitising from aerial photography. It has been designed to work in project management particularly in landcare and natural resource management (NRM).

- **Uses**: Mapping, GIS, GPS, Land-use, Resource planning
- **Price**: Outright Purchase POA
- **Company**: Rokit Science
- **Web**: www.catchman.com.au

Capacity Assessment Tool for Riparian Rehabilitation
The tool is used to assess 34 “dimensions” of social and human capacity that impact on the likely success of riparian and river management programs. It is designed to help program managers and policy developers consider the “human dimensions” of their projects and programs.

- **Uses**: Modelling, Simulations, Fire &/or Environmental Management
- **Price**: TBA Free with registration
- **Company**: Landscape & Social Research
- **Email**: landscape_social@mac.com
- **Australia**

Cashbook Plus! – Small Business
A specialised financial management system for small businesses. It features a unique three tier approach which caters for all ability levels and growth requirements.

- **Uses**: Legislative compliance, Bookkeeping, Accounting
- **Price**: from $385 (GST + 12 months support incl)
- **Company**: Practical Systems
- **Email**: sales@psolutions.com.au
- **Australia**

CatchMan
A GIS/mapping system to manage and plan land-based projects. Includes live GPS data capture, works costing tools and digitising from aerial photography. It has been designed to work in project management particularly in landcare and natural resource management (NRM).

- **Uses**: Mapping, GIS, GPS, Land-use, Resource planning
- **Price**: Outright Purchase POA
- **Company**: Rokit Science
- **Web**: www.catchman.com.au

Company
Computer Concepts & Systems
Web www.computerconcepts.com.au
Email sales@computerconcepts.com.au
1800 351 781
Australia/New Zealand

Cash Magic
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- **Uses**: Bookkeeping, Accounting
- **Company**: Saltbush Agricultural Software
- **Web**: www.catchman.com.au
- **Email**: conrad@saltbush.une.edu.au
- **Australia**

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- **Web**: www.obsolutions.com.au
- **Email**: info@obsolutions.com.au
- **Australia**

Cashbook Plus! – Primary Producer
A specialised farm accounting software package offering a financial management system for farmers. It features a unique four tier approach which caters for all ability levels and growth requirements.

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- **Email**: praper@agric.wa.gov.au
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Web www.computerconcepts.com.au
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- **Email**: conrad@saltbush.une.edu.au
- **Australia**
CatchMAN Planner
A GIS/mapping system to manage and plan land-based activities. It is designed to work in the landcare and NRM areas.

**Uses:** Mapping, GIS, GPS, Land-use, Resource planning

**Company:** Rokit Science

**Web:** www.rokitscience.com

**Email:** peter.hudson@rokitscience.com

(08 9385 9856 Australia)

Cattle Fattening Records
Cattle management software for feedlots, paddock fatteners, and backgrounders. Trial version can be downloaded from our web site.

**Uses:** Cattle, Welfare, Recordkeeping

**Price:** Outright Purchase

**Company:** Possum Gully Software

**Web:** www.possumgully.net

**Email:** richard@possumgully.net (0408 669 697 Australia)

Cattle Transport Costs Calculator
This calculator provides the user with an estimate of the total cost, a cost per head and a cost cents per kilogram (liveweight or dressed weight)

**Uses:** Grazing Animals, Processing, Transport

**Price:** Free

**Company:** Department of Primary Industries (NSW)


**Email:** lloyd.davies@dpi.nsw.gov.au (02 4939 8947 Australia)

CattleCard
It is a data recording solution for those producers without computers. The system allows producers to collect group and individual animal data using a bar-coded card that links to the NLIS number. The information is digitised, a report returned to the producer and NLIS transfer can be completed.

**Uses:** Grazing Animals, Supply Chain, Business Management Solutions

**Price:** Subscription

**Company:** AgInfoLink Australasia

**Web:** www.aginfolink.com.au/contact_aus.asp

**Email:** enquiries@aginfolink.com.au (1800 787 800 Australia)

CattleLink
A farmer friendly herd management program designed for the management of beef cattle. Handles cattle data entry quickly and easily. CattleLink will produce great results with little typing and is an invaluable farm management tool. NLIS, breedplan, reader and scales compatible.

**Uses:** Grazing Animals, Breeding, Genetics, Disease/Health/Welfare, Quality Assurance/Risk

**Price:** Purchase End User License

**Company:** HerdLink

**Web:** www.herdlink.com.au

**Email:** sales@herdlink.com.au (02 9826 2360 Australia)

CattleWeb
A web-based cattle record management service. Information about cattle including pedigree, health and joining are entered and reported through a web browser.

**Uses:** Recordkeeping

**Company:** McLachlan Software

**Web:** www.mclachlan.com.au

**Email:** dbm-dpi@mclachlan.com.au (02 9251 6511 Australia)

Cellvisor
PC based application that interfaces to the CV3110 remote telemetry units via the mobile phone networks allowing you to program remote alarms, relay outputs and irrigation applications, retrieve data from weather stations and log data to a PC or web server.

**Uses:** Irrigation, Dams, Water

**Price:** Outright Purchase

**Company:** Powerplus Solutions

**Web:** www.powerplus-solutions.com.au

**Email:** sale@powerplus-solutions.com.au (08 8261 8728 Australia)

Central Queensland Regional Information System
Information portal of regional data to assist in decision making, research and planning.

**Uses:** Mapping, Resource planning

**Price:** Free to Members

**Company:** Department of Local Government, Planning, Sport and Recreation (QLD)

**Web:** www.cqris.com.au

**Email:** tim.draper@dlgpsr.qld.gov.au (07 4938 4657 Australia)

Centre Pivot calculator
From catch can data, this calculator gives average application per pass and distribution uniformity, and a graphical presentation of the catch can readings.

**Uses:** Irrigation, Dams, Water

**Company:** CRC: Irrigation Futures

**Web:** www.irrigationfutures.org.au

**Email:** peter.smith@dpi.nsw.gov.au (02 6763 1262 Australia)

Choices Choices
Enables easy comparisons of average gross margins for crop sequences or rotations. Choices Choices is ultimately flexible, but requires the user to have a good understanding of yields and inputs for various crops.

**Uses:** Cropping

**Company:** Department of Primary Industries & Fisheries (QLD)

**Web:** www.dpi.qld.gov.au

**Email:** christopher.murphy@dpi.qld.gov.au (07 4688 1596 Australia)
**Chris 21**
An integrated human resource and payroll solution.
- **Uses**: HR, Payroll, OHS, WHS
- **Company**: Frontier Software
- **Web**: www.frontiersoftware.com.au
- **Email**: sales@frontiersoftware.com.au
  03 9639 0777
- **Australia**

**CitrusPro**
A supply chain solution for growers, packers, caretakers, processors or contract service companies to track the growing, harvesting, hauling, packing, warehousing, shipping, and grower accounting to save time and obtain the information needed.
- **Uses**: Horticulture, Supply Chain, Plant, Equipment, Inventory
- **Price**: Purchase End User License POA
- **Company**: ProPak Software
- **Web**: www.propaksoftware.com
- **Email**: sales@propaksoftware.com
  +1 863 297 9293
- **USA**

**Classer, The**
Outlines the profitability of objective wool classing, based on individual fibre diameter measurements. Requires the user to enter prices for various micron ranges.
- **Uses**: Grazing Animals, Modelling, Simulations, Land-use, Resource planning, Business or Farm Planning
- **Price**: Free
- **Company**: The Mackinnon Project, Univ of Melb School of Veterinary Science
- **Web**: www.mackinnonproject.com.au
- **Email**: mackinnon-info@unimelb.edu.au
  03 9731 2225
- **Australia**

**Clear Enterprise**
Our software is a server based application for the running of abattoirs. Providing serial number tracking, RF scanning load out, livestock costing, supplier feedback, AQIS interface, livestock modelling, complete financials.
- **Uses**: Animal Industries, Supply Chain, Bookkeeping, Accounting
- **Price**: Purchase End User License $800 - $4,000 per seat
- **Company**: Clear Objective
- **Web**: www.clearobj.com
- **Email**: sales@clearobjective.com.au
  07 3854 1977
- **Australia**

**CLEVAware**
A one-stop training centre for the delivery, assessment, monitoring, record keeping and reporting of your in-house staff training via your intranet.
- **Uses**: HR, Payroll, OHS, WHS
- **Price**: $44
- **Company**: SMARTsafe Solutions
- **Web**: www.smartsafegroup.com
- **Email**: mark@smartsafegroup.com
  07 3371 3822
- **Australia**

**Climate Calculator**
Graph rainfall data; calculate rainfall statistics to better understand climate risks in that area. Analyse relationships between yields and parameters such as rainfall and the Southern Oscillation Index.
- **Uses**: Weather, Climate, Rainfall, Quality Assurance/Risk
- **Price**: TBA
- **Company**: Department of Agriculture and Food (WA)
- **Web**: www.agric.wa.gov.au
- **Email**: mfairbanks@agric.wa.gov.au
  08 9368 3448
- **Australia**

**CMV Risk Forecast**
- **Uses**: Modelling, Simulations, Pests, Weeds
- **Company**: Department of Agriculture and Food (WA)
- **Web**: www.agric.wa.gov.au

**Colourful WaterWise Gardening CDRom**
A gardening CDRom and plant database for colourful waterwise, xeriscape and drought tolerant plants that incorporates organic pest control and organic gardening principles.
- **Uses**: Horticulture
- **Company**: The WaterWise Garden
- **Web**: www.thewaterwise.com
- **Email**: sales@thewaterwise.com
  08 8352 5720
- **Australia**

**Concepts Cropping**
Integrated GPS mapping, paddock records, crop planning and performance analysis system for cropping farmers. Organises weather, soils, chemical, inventory and silo records. Keeps full records of costs of all operations and inputs. Powerful crop planning for agronomists and farmers.
- **Uses**: Cropping, Mapping, GIS, GPS, Farm Planning
- **Price**: Purchase End User License $1,206
- **Company**: Computer Concepts & Systems
- **Web**: www.computerconcepts.com.au
- **Email**: sales@computerconcepts.com.au
  1800 351 781
- **Australia/New Zealand**

**Concepts Dairy**
Integrated GPS mapping, farm planning, paddock records, mob and animal performance analysis system for dairy farmers. Organises weather, soils, fertilisers, grazing, treatments, inventory and production records. Keeps full records of costs and production for mobs and individual animals.
- **Uses**: Intensive livestock, Mapping, GIS, GPS, Business or Farm Planning
Concepts Horticulture
Integrated GPS mapping, paddock records, crop planning and performance analysis system for growers. Organises weather, soils, chemical, inventory and sales records. Keeps full records of costs of all operations and inputs. Powerful crop planning for agronomists and growers.

Uses Horticulture, Mapping, GIS, GPS, Business or Farm Planning

Price Purchase End User License $1,206

Company Computer Concepts & Systems

Web www.computerconcepts.com.au

Email sales@computerconcepts.com.au

1800 351 781
Australia/New Zealand

Contract Harvesting Costs Calculator
The AGHA online calculator to help you calculate the yearly costs and the costs per hour of running your contract harvesting business.

Uses Cropping, Business Management Solutions

Company Australian Grain Harvesters Association

Web www.agha.org.au

Email info@agha.org.au

Australia

Costing an irrigation system (net margin calculator)
Use this calculator to look at the feasibility of investing in a more efficient irrigation system and compare the returns with the present system.

Uses Irrigation, Dams, Water, Business Management Solutions

Price Free

Company Department of Primary Industries (NSW)


Email lloyd.davies@dpi.nsw.gov.au

02 4939 8947

Australia

CottonLOGIC
Cotton crop management tool that will help with cotton farming decisions, in particular for insect pests (helicoverpa and mites) and nitrogen nutrition.

Uses Cropping, Modelling, Simulations, Pests, Weeds, Recordkeeping

Price Free

Company CSIRO


Email CottonLOGIC@mv.pi.csiro.au

02 6799 1500

Australia

Cow PAD – DairyWIN for the Palm Pilot
A piece of software that allows you to export data entered during the day to your DairyWIN database and from there to the palm-top data recorder (the PalmPilot), such as static details, status, production data from the latest herd test.

Uses Grazing Animals, Recordkeeping

Company Massey University

Web http://epicentre.massey.ac.nz

Email EpiCentre@massey.ac.nz

+64 6 350-5133

New Zealand

CowTime’s Dairy Decisions
This software guides the dairy farmer through the process of planning a new dairy or upgrading an old one. It contains a step-by-step framework to determine goals, future needs and a suitable milk harvesting solution, as well as all CowTime’s technical resources and videos.

Uses Grazing Animals, Business or Farm Planning

Company Department of Primary Industries (VIC)

Web www.dpi.vic.gov.au

Email cowtime.project@dpi.vic.gov.au

03 5624 2333

Australia

Croc Profit
Evaluate a crocodile farm, using economic models that represent a steady state farm, to look at the impacts of changing any part of the production cycle (feed, stocking density, production time, harvesting methods, marketing...
etc.). Based on a cost/benefit approach using discounted cash flow.

**Crop Development Tool**
An online tool for Australian cotton production that compares in-field measurements of crop development (node, fruit numbers and vegetative growth rate) with optimal rates generated using day degree functions.

- **Uses**: Cropping, Weather, Climate, Rainfall
- **Price**: Free
- **Company**: CSIRO
- **Email**: CottonLOGIC@mv.pi.csiro.au
  - 02 6799 1500
  - Australia

Crop irrigation requirement calculator
This program was written as an aid for predicting the irrigation requirements of annual and perennial crops grown in different regions of Western Australia. The program can also be used as a guide for estimating irrigation requirements.

- **Uses**: Cropping, Irrigation, Dams, Water
- **Company**: Department of Agriculture and Food (WA)
- **Web**: www.agric.wa.gov.au
- **Email**: nocles@agric.wa.gov.au
  - 08 9368 3617
  - Australia

**Crop Recorder**
Sowing, planting, maintenance and detailed harvest information. This is currently DOS only.

- **Uses**: Cropping, Business or Farm Planning
- **Company**: ArComPro
- **Email**: arcompro@nsw.com.au
  - 02 6721 1032
  - Australia

**Crop Master Online: Crop Diary**
An online farm management system that enables you to record food safety information, measure crop profitability, and perform all of your business bookkeeping (including granting online access to your accountant).

- **Uses**: Cropping
- **Company**: Crop Master
- **Web**: www.cropmaster.com.au
- **Email**: danjen@cropmaster.com.au
  - 07 5462 5139
  - Australia

Crop irrigation requirement calculator
This program was written as an aid for predicting the irrigation requirements of annual and perennial crops grown in different regions of Western Australia. The program can also be used as a guide for estimating irrigation requirements.

- **Uses**: Cropping, Irrigation, Dams, Water
- **Company**: Department of Agriculture and Food (WA)
- **Web**: www.agric.wa.gov.au
- **Email**: nocles@agric.wa.gov.au
  - 08 9368 3617
  - Australia

**Crop Management CDROM**
Crop Management CDROM.

- **Uses**: Cropping, Pests, Weeds, Business Management Solutions
- **Price**: Free
- **Company**: Range Media
- **Web**: www.rangemedia.com.au
  - 07 4639 3176
  - Australia

**Crop Master Online: Spray Diary**
An easy to use, internet based diary allowing you to maintain your spray record and generate food safety data.

- **Uses**: Cropping, Recordkeeping
- **Company**: Crop Master
- **Web**: www.cropmaster.com.au
- **Email**: danjen@cropmaster.com.au
  - 07 5462 5139
  - Australia

**Crop Guard**
An herbicide, insecticide and fungicide database for weed, insect and disease control recommendations in cereal, pulse and oilseed crops. Updated annually. Designed for southern Australian cropping zone application. Includes pictorial guides and spray management information.

- **Uses**: Cropping, Pests, Weeds, Purchase End User License $110
- **Company**: Rural Solutions SA
- **Web**: www.ruralsolutions.sa.gov.au
  - 08 8755 3166
  - Australia

**Cunitec**
Dedicated to individual control of rabbits.

- **Uses**: Intensive livestock
- **Company**: Agritec Software
- **Web**: www.agritecsoft.com/en/
  - +1 563 374 1300
  - Spain, Global
Customer Manager
2006/07
An information and task management tool that will help you better serve your customers. It takes the pain out of tracking customer information in multiple systems because it consolidates all your client's critical information.

Uses: Supply Chain, Recordkeeping
Company: Quicken
Web: www.quicken.com.au
Email: marketing@quicken.com.au
03 5561 7666
Australia

Dairy effluent calculators
The CD contains four Microsoft Excel spreadsheet calculators. 'Dairy flood wash', 'Dairy solids trap', 'Dairy pond' and 'Dairy effluent' were developed to assist in planning and designing the major components of dairy effluent management systems.

Uses: Environmental Management, Intensive Livestock
Price: Outright Purchase
$55 or Free: Qld dairy farmers
Company: Department of Primary Industries & Fisheries (QLD)
Web: www2.dpi.qld.gov.au/environment/14668.html
www2.dpi.qld.gov.au/environment/14669.html
www2.dpi.qld.gov.au/environment/14667.html
www2.dpi.qld.gov.au/environment/14663.html
Email: alan.skerman@dpi.qld.gov.au
07 5464 878
Australia

Dairy – FeedPlan
Feed budget database software for dairy advisers.

Uses: Grazing Animals, Business or Farm Planning
Price: Conditional Sale (part of workshop)
POA
Company: Department of Primary Industries (NSW)
Web: www.dpi.nsw.gov.au
Email: robin.dobos@dpi.nsw.gov.au
02 6770 1824
Australia

Dairy – FeedSmart
Feed allocation database software for dairy farmers.

Uses: Grazing Animals, Business or Farm Planning
Price: Conditional Sale (part of workshop)
POA
Company: Department of Primary Industries (NSW)
Web: www.dpi.nsw.gov.au
Email: robin.dobos@dpi.nsw.gov.au
02 6770 1824
Australia

Dairy Data for Windows
A dairy herd health programme for seasonal calving dairy herds. Allows for information to be downloaded from all major HI centres. Easy data entry, useful reports.

Uses: Dairy Health, Recordkeeping
Price: Purchase End User License
$399
Company: Warrnambool Veterinary Clinic
Email: mail@warrnamboolvet.com.au
03 5561 7666
Australia

Dairy Herd Model 3
For dairy herd phasing and sizing planning. From an initial herd defined by the user, with the herd's replacement, submission, pregnancy, death and culling etc. factors, the model predicts monthly animal number, age and status into the future for all animals in the herd. Available May-June 2007.

Uses: Grazing Animals, Modelling, Simulations, Recordkeeping
Price: Shareware
Company: Department of Primary Industries & Fisheries (QLD)
Web: www.dairyinfo.biz
Email: ross.g.walker@dpi.qld.gov.au
07 5464 8736
Australia

Dairy Predict
A dairy feedbase model using monthly forage production in combination with different herd structures and supplement feed plans to estimate adequacy of monthly dry matter and metabolisable energy of the plans for milk production. Includes a simple gross margin analysis and a 50-year forage database for selected locations.

Uses: Grazing Animals, Modelling, Simulations, Business or Farm Planning
Price: Shareware
Company: Department of Primary Industries & Fisheries (QLD)
Web: www.dairyinfo.biz
Email: ross.g.walker@dpi.qld.gov.au
07 5464 8736
Australia

Dairy Stud
Milk production, drenching, inoculations. This is currently DOS only.

Uses: Grazing Animals, Business Intelligence, Disease/Health/Welfare, Recordkeeping
Price: Shareware
Company: ArComPro
Email: arcompro@nnsw.com.au
02 6721 1032
Australia

DairyInfo Decision Support Tools
A selection of farm management tools ranging from financial scenarios to annual inventory lists.

Uses: Intensive livestock, Modelling, Simulations, Land-use, Resource planning, Business or Farm Planning
Price: Free
Company: Subtropical Dairy Program
Web: www.dairyinfo.biz/index.cfm?MenuID=38
Email: geoffrey.johnston@dpi.qld.gov.au
07 5464 8715
Australia

DairyPlan C21
Comprehensive herd management package tightly integrated with identification, milking, feeding, sorting and weighing technology. Collect data
from your herd and equipment and then use powerful tools to analyse the data and help you make informed decisions.

**Uses** Animal Industries

**Price** Purchase End User License

**Company** WestfaliaSurge

**Web** www.westfaliasurge.com.au

**Email** DPSupport@westfaliasurge.com.au

**1800 789 100**

**Germany, USA, Australia**

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**DairyWin**

It assists with day-to-day herd management and enables comprehensive monitoring of herd performance.

**Uses** Grazing Animals, Recordkeeping

**Company** Massey University

**Web** http://epicentre.massey.ac.nz

**Email** EpiCentre@massey.ac.nz

**+64 6 350-5133**

**New Zealand**

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**Dam Volume Calculator**

Calculates volume of water remaining in a farm dam and calculates evaporative loss.

**Uses** Irrigation, Dams, Water

**Company** Department of Agriculture and Food (WA)

**Web** www.agric.wa.gov.au

**Email** ncoles@agric.wa.gov.au

**08 9368 3617**

**Australia**

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**DAMCAT-4**

Program simulates rainfall-runoff response from improved catchments into farm dams. Assess dam reliability as water supply for variable demand.

**Uses** Irrigation, Dams, Water

**Company** Department of Agriculture and Food (WA)

**Web** www.agric.wa.gov.au

**Email** ncoles@agric.wa.gov.au

**08 9368 3617**

**Australia**

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**Declared Plants of Australia**

An interactive tool for identifying declared plants (noxious weeds) in Australia. Using the Lucid™ identification system, this CD product allows you to easily select features of the plant you wish to identify.

**Uses** Pests, Weeds

**Company** CBIT: Centre for Biological Information Technology

**Web** http://cbit.uq.edu.au

**Email** enquiries@cbit.uq.edu.au

**07 3365 1111**

**Australia**

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**Deer Recorder**

Facilities include a lineage trace. This is currently DOS only.

**Uses** Intensive livestock, Breeding, Genetics, Recordkeeping

**Company** ArComPro


**Email** arcompro@nsw.com.au

**02 6721 1032**

**Australia**

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**DES**

A simple program to help you get your data into your PAM more easily. DES also enables you to review all the paddock activities records for a chosen season. Many farmers now have laptop computers and mobile computers in tractors, spreader trucks and the like.

**Uses** Cropping, Recordkeeping

**Price** Free

**Company** Fairport Farm Software

**Web** www.fairport.com.au

**Email** sales@fairport.com.au

**08 9367 5814**

**Australia**

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**Drains**

Used to evaluate the long term benefits and costs of installing drains on farm to alleviate soil water logging. The model incorporates a random generator for rainfall events and flexibility to model a wide range of drain configurations.

**Uses** Modelling, Simulations, Irrigation, Dams, Water

**Price** TBA

**Company** Department of Agriculture and Food (WA)

**Web** www.agric.wa.gov.au

**Email** ncoles@agric.wa.gov.au

**08 9368 3617**

**Australia**

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**Drought Management Tools**

A range of tools which allows producers to make good decisions concerning their drought management.

**Uses** Business or Farm Planning

**Price** POA

**Company** Holmes Sackett & Associates

**Web** www.hs-a.com.au

**Email** hsa@hs-a.com.au

**02 6931 7110**

**Australia**

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**DroughtPlan**

Activities/products integrating climate variability with farm decision making.

**Uses** Weather, Climate, Rainfall

**Price** Free

**Company** Department of Primary Industries & Fisheries (QLD)

**Web** www.dpi.qld.gov.au

**Email** ian.partridge@dpi.qld.gov.au

**07 4688 1375**

**Australia**

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**Desire**

This program is designed to help you explore the possible outcomes of a breeding program, in terms of predicted genetic gains for a number of traits.

**Uses** Animal, Breeding, Genetics

**Company** UNE: Agricultural Business Research Institute (ABRI)

**Web** http://abri.une.edu.au

**Email** bkinghor@une.edu.au

**02 6773 2718**

**Australia**

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**Dog Breeder**

Facilities for lineage trace, facilities to record all aspects of animal. This is currently DOS only.

**Uses** Animal Industries, Breeding, Genetics, Recordkeeping

**Company** ArComPro


**Email** arcompro@nnsw.com.au

**02 6721 1032**

**Australia**

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**Declared Plants of Australia**

An interactive tool for identifying declared plants (noxious weeds) in Australia. Using the Lucid™ identification system, this CD product allows you to easily select features of the plant you wish to identify.

**Uses** Pests, Weeds

**Company** CBIT: Centre for Biological Information Technology

**Web** http://cbit.uq.edu.au

**Email** enquiries@cbit.uq.edu.au

**07 3365 1111**

**Australia**

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**Deer Recorder**

Facilities include a lineage trace. This is currently DOS only.

**Uses** Intensive livestock, Breeding, Genetics, Recordkeeping

**Company** ArComPro


**Email** arcompro@nsw.com.au

**02 6721 1032**

**Australia**

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**DES**

A simple program to help you get your data in to your PAM more easily. DES also enables you to review all the paddock activities records for a chosen season. Many farmers now have laptop computers and mobile computers in tractors, spreader trucks and the like.

**Uses** Cropping, Recordkeeping

**Price** Free

**Company** Fairport Farm Software

**Web** www.fairport.com.au

**Email** sales@fairport.com.au

**08 9367 5814**

**Australia**

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**Drains**

Used to evaluate the long term benefits and costs of installing drains on farm to alleviate soil water logging. The model incorporates a random generator for rainfall events and flexibility to model a wide range of drain configurations.

**Uses** Modelling, Simulations, Irrigation, Dams, Water

**Price** TBA

**Company** Department of Agriculture and Food (WA)

**Web** www.agric.wa.gov.au

**Email** ncoles@agric.wa.gov.au

**08 9368 3617**

**Australia**

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**Drought Management Tools**

A range of tools which allows producers to make good decisions concerning their drought management.

**Uses** Business or Farm Planning

**Price** POA

**Company** Holmes Sackett & Associates

**Web** www.hs-a.com.au

**Email** hsa@hs-a.com.au

**02 6931 7110**

**Australia**

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**DroughtPlan**

Activities/products integrating climate variability with farm decision making.

**Uses** Weather, Climate, Rainfall

**Price** Free

**Company** Department of Primary Industries & Fisheries (QLD)

**Web** www.dpi.qld.gov.au

**Email** ian.partridge@dpi.qld.gov.au

**07 4688 1375**

**Australia**
An internet greasy wool trading and information database platform owned and operated by the Australian Wool Exchange Ltd. Its primary users are AWEX members and stakeholders.

**Uses**
- Grazing Animals,
- Export/Trading,
- Business Management Solutions

**Company**
AWEX

**Web**

**Email**
David_Cother@awex.com.au
02 9428 6100

### EasiAccess

Easi-Access is an integrated Microsoft compatible program especially designed for the collection, storage and display of data from our Weather Stations.

**Uses**
- Weather,
- Recordkeeping

**Company**
Environdata

**Web**
www.environdata.com.au

**Email**
100243.745@compuserve.com
02 4757 1400

### Easy Dairy 2006

Australia's top selling herd-management package. Continued innovation and excellent support has made Easy Dairy the industry leader. The program is very powerful and easy to use, and includes free program upgrades and friendly support.

**Uses**
- Dairy,
- Recordkeeping

**Price**
Purchase End User License $769

**Company**
Ag Technology

**Web**

**Email**
support@agtechnology.com.au
03 5821 9900

### e-EMS

Online web based product enabling the user to easily step through the process to develop an environmental management system (EMS). The e-EMS meets all the documentation requirements of ISO 14001.

However stops short of certification.

**Uses**
- Fire &/or Environmental Management

**Price**
Subscription POA

**Company**
Coomes Consulting Group

**Web**

**Email**
rw@wooltesters.com.au
02 6925 1407

### EggMaster

Helps you to keep organised records that will assist you in monitoring flock performance. This information provides egg producers the opportunity to calculate important performance indicators that will assist to make management decisions.

**Uses**
- Animal Industries,
- Recordkeeping

**Company**
Saltbush Agricultural Software

**Web**
http://saltbush.une.edu.au

**Email**
conrad@saltbush.une.edu.au
1800 111 637

### e-PayDay

Unlimited employees automated computerised Australian payroll system with extensive and flexible modules catering for all types of awards, pay types and workplace agreements.

**Uses**
- HR,
- Payroll,
- OHS,
- WHS

**Company**
Logisoft

**Web**
www.logisoft.com.au

**Email**
sales@logisoft.com.au
07 3283 8800

### e-PayDay Time and Attendance

Automate your payroll tasks through our integrated time card and award interpretation modules.

**Uses**
- HR,
- Payroll,
- OHS,
- WHS

**Company**
Logisoft

**Web**
www.logisoft.com.au

**Email**
sales@logisoft.com.au
07 3283 8800

### EpiMAN-TB

Designed for the use of pest control managers and field veterinarians to control the spread of tuberculosis amongst brushtail possums (*Trichosurus vulpecula*) and prevent the spread from them to farmed cattle and deer.

**Uses**
- Animal Industries,
- Pests,
- Weeds

**Company**
Massey University

**Web**
http://epicentre.massey.ac.nz

**Email**
EpiCentre@massey.ac.nz
+64 6 350-5133

### Elders Cost of Production Calculator

Provides pre-sale valuations for reserve setting purposes.

**Uses**
- Export/Trading

**Company**
Elders Limited

**Web**
www.elders.com.au

**Email**
sally.mactaggart@elders.com.au
07 3227 8185

### Emus & Ostriches

Has detailed egg recording system with automatic hatching transfer to bird files. This is currently DOS only.

**Uses**
- Animal Industries,
- Recordkeeping

**Company**
ArComPro

**Web**

**Email**
arcompro@nnsw.com.au
02 6721 1032

### e-PayDay

Unlimited employees automated computerised Australian payroll system with extensive and flexible modules catering for all types of awards, pay types and workplace agreements.

**Uses**
- HR,
- Payroll,
- OHS,
- WHS

**Company**
Logisoft

**Web**
www.logisoft.com.au

**Email**
sales@logisoft.com.au
07 3283 8800

### e-PayDay Time and Attendance

Automate your payroll tasks through our integrated time card and award interpretation modules.

**Uses**
- HR,
- Payroll,
- OHS,
- WHS

**Company**
Logisoft

**Web**
www.logisoft.com.au

**Email**
sales@logisoft.com.au
07 3283 8800

### EpiMAN-TB

Designed for the use of pest control managers and field veterinarians to control the spread of tuberculosis amongst brushtail possums (*Trichosurus vulpecula*) and prevent the spread from them to farmed cattle and deer.

**Uses**
- Animal Industries,
- Pests,
- Weeds

**Company**
Massey University

**Web**
http://epicentre.massey.ac.nz

**Email**
EpiCentre@massey.ac.nz
+64 6 350-5133

New Zealand
Equilize Diet Formulation and Feeding Management Software for Horses
Equine diet formulation, feeding management and horse nutrition information software package that creates high performance, scientifically balanced diets, customised to your horse’s specific needs to enhance health, performance and reproductive capacity.

**Uses**
Animal Industries, Disease/Health/Welfare

**Price**
Subscription $198 + 66/yr

**Company**
Equilize Horse Nutrition

**Web**
www.equilize.com.au

**Email**
cd@equilize.com.au
1300 721 196
Australia

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ER Mapper Image Web Server
Used to manage and deliver huge images to many concurrent users at unparalleled speeds. A robust, scalable, secure solution specifically designed for geospatial imagery assets.

**Uses**
Mapping, GIS, GPS, Business Management Solutions

**Price**
Purchase End User License POA

**Company**
ER Mapper

**Web**
www.ermapper.com

**Email**
queries@ermapper.com.au
08 9388 2900
Australia

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EquiMASTER
A powerful and valuable asset to the racing and breeding sector, currently being used by many of the best known breeders in the industry. Accurate fertility records, invoices and statements, agistment fees.

**Uses**
Animal Industries, Disease/Health/Welfare, General Office Software

**Price**
Purchase End User License POA

**Company**
Saltbush Agricultural Software

**Web**
http://saltbush.une.edu.au

**Email**
conrad@saltbush.une.edu.au
1800 111 637
Australia

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ER Mapper Professional
A powerful geospatial image processing tool-kit. It offers you unmatched speed for image preparation, analysis and compression via an easy to use interface.

**Uses**
Mapping, GIS, GPS, Land-use, Resource planning

**Price**
Purchase End User License POA

**Company**
ER Mapper

**Web**
www.ermapper.com

**Email**
queries@ermapper.com.au
08 9388 2900
Australia

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e-Record
A free, electronic record keeping software product that helps small businesses meet their taxation reporting obligations.

**Uses**
Recordkeeping

**Company**
Australian Tax Office

**Web**
www.ato.gov.au

**Email**
ato-sb-ecs@ato.gov.au
1300 139 051
Australia

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Export-It
Software that assists exporters, producers, and manufacturers to connect with AQIS’ EXDOC system to arrange for electronic validation of Prescribed Goods under their control. As well, electronic clearances, can be obtained from Customs & Terminals.

**Uses**
Export/Trading, Quality Assurance/Risk

**Company**
Syscob

**Web**

**Email**
sales@syscob.com.au
03 9731 0762
Australia

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E-Random
A free, electronic record keeping software product that helps small businesses meet their taxation reporting obligations.

**Uses**
Recordkeeping

**Company**
Australian Tax Office

**Web**
www.ato.gov.au

**Email**
ato-sb-ecs@ato.gov.au
1300 139 051
Australia

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Export calculator
Calculates the cost/benefit of undertaking an exporting activity by identifying the costs, examining the likely profitability and exploring the riskiness of exporting. Outcomes: minimum, mean and maximum possible result and graph showing range of possible outcomes and their associated probabilities.

**Uses**
Export/Trading, Quality Assurance/Risk

**Price**
Outright Purchase, $55

**Company**
Department of Primary Industries & Fisheries (QLD)

**Web**
www.dpi.qld.gov.au

**Email**
bill.johnston@dpi.qld.gov.au
07 5430 4928
Australia

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E-Reg
electronic registration
An easy to use interface allows rapid entry of animals to be registered with the Australian Jersey Breeder Society. Full searching of the NASIS List ensures artificial sire details are correct. Store details on natural bulls for use in registration.

**Uses**
Grazing Animals, Legislative compliance, Disease/Health/Welfare, Recordkeeping

**Company**
Ag Technology

**Web**

**Email**
support@agtechnology.com.au
03 5821 9900
Australia

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Export-It
Software that assists exporters, producers, and manufacturers to connect with AQIS’ EXDOC system to arrange for electronic validation of Prescribed Goods under their control. As well, electronic clearances, can be obtained from Customs & Terminals.

**Uses**
Export/Trading, Quality Assurance/Risk

**Company**
Syscob

**Web**

**Email**
sales@syscob.com.au
03 9731 0762
Australia

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Export-It Plus
This software application is a Windows based, export documentation system, which is able to automatically interface with our statutory software, Export-It. The system has been designed as a multi-commodity, single entry data system.

Uses Export/Trading, Quality Assurance/Risk
Company Syscob
Email sales@syscob.com.au
03 9731 0762
Australia

EzyCellar
A powerful vineyard and cellar management system that can be easily utilised by boutique, small and medium sized wineries. It incorporates vineyard and cellar worksheets, analysis, spray diary, grape receival, contract winemaking, barrel management, trial blends and bulk despatch etc.

Uses Cropping, Business or Farm Planning
Price Purchase End User License POA
Company Ezy Systems
Web www.ezysys.com.au
Email sales@ezysys.com.au
03 5441 2044
Australia

EzyWine
Consolidates all the winery procedures into one comprehensive package that can be easily utilised by all your staff. Thus, you no longer need to run separate accounting, bottling, payroll, vineyard asset and wine making, removing the errors and costs associated with double-entry.

Uses Cropping, Business or Farm Planning
Price Purchase End User License POA
Company Ezy Systems
Web www.ezysys.com.au
Email sales@ezysys.com.au
03 5441 2044
Australia

EzyWine Enterprise
As a software vendor we have identified business benefits in using MS SQL Server 2000 as the backend database, and in developing EzyWine Enterprise we have made these additional features available to those clients that will benefit from them.

Uses Cropping, Business or Farm Planning
Price POA - End User License
Company Ezy Systems
Web www.ezysys.com.au
Email sales@ezysys.com.au
03 5441 2044
Australia

Farm Accounts

Uses Bookkeeping, Accounting
Price $550 Outright Purchase
Company Farmplan
Web www.farmplan.com.au
Email sales@farmplan.com.au
02 6366 8262
Australia

Farm Cash for Windows
A simple computerised cashbook specifically written for dairy farmers. Data entry is simple and allows the simultaneous entry of physical data to produce powerful management and benchmark reports. Reconciliation to the bank allows tax and GST preparation. Farm Cash simplifies bookwork.

Uses Intensive livestock, Bookkeeping, Accounting
Price Outright Purchase
Company Warrnambool Veterinary Clinic
Email mail@warrnamboolvet.com.au
03 5561 2255
Australia

Farm Forestry Toolbox
A collection of user friendly programs to help farmers and their advisors manage shelterbelts, plantations and forests. The Toolbox can help with conversions, financial analysis, tree and log volume and value determination, and model growth.

Uses Plant Industries, Business Management Solutions
Company Private Forests Tasmania
Web www.privateforests.tas.gov.au
Email Andy.Warner@privateforests.tas.gov.au
03 6233 7640

Farm Fund
The only farm accounting program that fully integrates with field records (Farm Trac Plus), herd management records (Farm Stock), and mapping (Farm Site).
Farm Funds offers easy enterprising per field, livestock group, machine, or structure, while creating reports for tax purposes.

**Uses**
- Bookkeeping, Accounting

**Price**
- Purchase End User License
  - $495

**Company**
- Farm Works

**Web**

**Email**
- sales@farmworks.com.au
  - 03 5286 1112

**Farm Messenger**
Sends out information in the form of a text message between the user’s mobile phone and the Milk Manager program. Users can set up messages on the parlour sound system, draft cows, input veterinary information and obtain detailed milking reports.

**Uses**
- Animal Industries, Business Intelligence, Business or Farm Planning

**Price**
- Outright Purchase
  - POA

**Company**
- Dairyking

**Web**

**Email**
- info@dairyking.com.au
  - 03 9459 4355

**Farm Site**
Integrates fully with Farm Trac Plus, to add unlimited GPS, map and image layers to a GIS database designed specifically for agriculture. Farm Site will read data cards directly from all common agricultural equipment, and create prescription maps for VRA application.

**Uses**
- Mapping, GIS, GPS, General Office software

**Price**
- Purchase End User License
  - $495

**Company**
- Farm Works

**Web**

**Email**
- sales@farmworks.com.au
  - 03 5286 1112

**Farm Site Professional**
Designed for agronomists, contractors and advisors. Site Pro takes the features of Farm Trac and Farm Site, and adds limitless numbers of clients so you can keep maps along with paddock/chemical records. Reads all common yield cards and writes prescription VRA maps.

**Uses**
- Cropping, General Office software

**Price**
- Purchase End User License
  - $1,595

**Company**
- Farm Works

**Web**

**Email**
- sales@farmworks.com.au
  - 03 5286 1112

**FARM Software System**
Software system designed to simplify the process of farm record keeping. The program allows farmers to develop an environmental and an OHS action plan, as well as keeping all farm production records. The software allows quick data entry and records retrieval.

**Uses**
- Business Intelligence, Environmental Management, Quality Assurance

**Price**
- $495 - Outright Purchase

**Company**
- Oaksford Pty Ltd

**Email**
- oaksford@jc.com.au
  - 03 5255 2270

**Farm Stock**
Breeding or trading or combination. NLIS compliant & easy to reconcile with MLA database. Traceability of chemicals for individuals and paddocks. Ability to handle data (e.g. gross margins) for mobs as well as individuals. Cattle or sheep. Feed records. Detailed, easy to retrieve reports.

**Uses**
- Animal Industries, Breeding, Genetics, Recordkeeping

**Price**
- Outright Purchase
  - $550

**Company**
- Farmplan

**Web**

**Email**
- sales@farmplan.com.au
  - 02 6366 8262

**Farm Site Mate**
Runs on PocketPC. Easily add new animals to your farm stock records, and enter information on health, weight, birth, mating, transfer, wean, service, animal loss, and feed records. Farm Site Mate integrates with Farm Stock (required) to provide you with complete herd management.

**Uses**
- Intensive livestock, Breeding, Genetics, Recordkeeping

**Price**
- Outright Purchase
  - $385

**Company**
- Farm Works

**Web**

**Email**
- sales@farmworks.com.au
  - 03 5286 1112

**Farm Trac Mate**
Integrates with Farm Trac to provide field record-keeping for...
pocket pc computers. Trac Mate lets you enter field records while you’re in the field. Farm Trac Mate takes the hassle out of field record-keeping and lets you spend more time in the field and less time in the office.

**Uses**: Recordkeeping  
**Price**: Purchase End User License  
$385  
**Company**: Farm Works  
**Web**: www.farmworks.com.au  
**Email**: sales@farmworks.com.au  
03 5286 1112  
USA  

**Farm Trac Plus**  
A full record keeping package. Keeps automatic notations for paddock history: fertiliser, seed and chemical usage, equipment records, personnel activities and costs for each individual paddock and crop.

**Uses**: Recordkeeping  
**Price**: Purchase End User License  
$495  
**Company**: Farm Works  
**Web**: www.farmworks.com.au  
**Email**: sales@farmworks.com.au  
03 5286 1112  
USA  

**Farmbook Premium**  
Farm management software designed to record all information about a farm operation and to then make the analysed data available to enable fast and accurate management decisions.

**Uses**: Land-use, Resource planning, Business Management Solutions  
**Price**: Outright Purchase from $995 (GST + 12 months support incl)  
**Company**: Practical Systems  
**Email**: sales@psystems.com.au  
02 6772 6672  
Australia  

**Farmers Wage Book**  
Payroll software for the agricultural industry (stationhands, shearing staff, fruit pickers, etc.). Trial version can be downloaded from web site.

**Uses**: HR, Payroll, OHS, WHS  
**Price**: Outright Purchase  
**Company**: Possum Guilly Software  
**Web**: www.possumgully.net  
**Email**: richard@possumgully.net  
0406 669 697  
Australia  

**FarmHand**  
A handheld-based program for dairy farmers. It shows pedigree, health, mating and production data. Data entered is easily and quickly exchanged between major dairy packages. Bulk data entry is possible. It can handle an RFID bluetooth-enabled stick reader or wall panel to capture data.

**Uses**: Dairy, Breeding, Health, Welfare, Recordkeeping  
**Company**: Elan Computers  
**Email**: imagenesmail@yahoo.com  
03 9740 6654  
Australia  

**FarmKeeper**  
Quickly produce accurate farm map – start with an aerial/satellite photo or GPS, just draw in fencelines to automatically find paddock sizes. Add in infrastructure like waterlines. Upload/download to GPS. Keep records of fertiliser, grazing, activities, etc. Overlay R.E. vegetation and other data.

**Uses**: Mapping, GPS, Recordkeeping  
**Price**: Purchase End User License  
$470 ex GST  
**Company**: FarmKeeper  
**Web**: www.farmkeeper.com  
**Email**: support@farmkeeper.com  
1800 202 171  
Australia  

**FarmMap**  
A stand-alone mapping program. It is a new generation farm planning software solution designed to assist in the planning and visual recording of farm plans.

**Uses**: Mapping, GIS, GPS, Land-use, Resource planning, Business or Farm Planning  
**Price**: Outright Purchase  
$715 (GST + 12 months support incl)  
**Company**: Practical Systems  
**Email**: sales@psystems.com.au  
02 6772 6672  
Australia  

**Farmstar & FarmstartLite**  
The Precision Farming add-on to PAM QA which allows users to import yield maps from their yield monitors and export yield and VRT data. Any data with a GPS coordinate can be used to create a coloured image, line or circles. The Lite version does not require PAM QA.

**Uses**: Mapping, GIS, GPS  
**Price**: Purchase End User License  
$1,925  
**Company**: Fairport Farm Software  
**Web**: www.fairport.com.au  
**Email**: sales@fairport.com.au  
08 9367 5814  
Australia  

**FEAT: Farm Economic Analysis Tool**  
A tool designed to compare profitability of different cane farming systems. It assists in evaluating the impact of practice changes, market price, yield, different machinery, varietal mix and introducing complementary crops. It also indicates the optimum number of rations.

**Uses**: Cropping, Business or Farm Planning  
**Price**: Free to Members  
**Company**: Department of Primary Industries & Fisheries (QLD)  
**Web**: www.dpi.qld.gov.au  
**Email**: FEATregistration@dpi.qld.gov.au  
07 4131 5800  
Australia  

**Farmlap 5400**  
Visual guidance, autosteer, auto boom control and rate mapping in one system.

**Uses**: Mapping, GIS, GPS  
**Company**: Farmscan  
**Web**: www.farmscan.net.au  
**Email**: jallan@farmscan.net.au  
08 9470 1177  
Australia  

**Farmstar & FarmstartLite**  
The Precision Farming add-on to PAM QA which allows users to import yield maps from their yield monitors and export yield and VRT data. Any data with a GPS coordinate can be used to create a coloured image, line or circles. The Lite version does not require PAM QA.

**Uses**: Mapping, GIS, GPS  
**Price**: Purchase End User License  
$1,925  
**Company**: Fairport Farm Software  
**Web**: www.fairport.com.au  
**Email**: sales@fairport.com.au  
08 9367 5814  
Australia  

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**Price**: Free to Members  
**Company**: Department of Primary Industries & Fisheries (QLD)  
**Web**: www.dpi.qld.gov.au  
**Email**: FEATregistration@dpi.qld.gov.au  
07 4131 5800  
Australia  

**Farmlap 5400**  
Visual guidance, autosteer, auto boom control and rate mapping in one system.

**Uses**: Mapping, GIS, GPS  
**Company**: Farmscan  
**Web**: www.farmscan.net.au  
**Email**: jallan@farmscan.net.au  
08 9470 1177  
Australia  

**Farmstar & FarmstartLite**  
The Precision Farming add-on to PAM QA which allows users to import yield maps from their yield monitors and export yield and VRT data. Any data with a GPS coordinate can be used to create a coloured image, line or circles. The Lite version does not require PAM QA.

**Uses**: Mapping, GIS, GPS  
**Price**: Purchase End User License  
$1,925  
**Company**: Fairport Farm Software  
**Web**: www.fairport.com.au  
**Email**: sales@fairport.com.au  
08 9367 5814  
Australia  

**FEAT: Farm Economic Analysis Tool**  
A tool designed to compare profitability of different cane farming systems. It assists in evaluating the impact of practice changes, market price, yield, different machinery, varietal mix and introducing complementary crops. It also indicates the optimum number of rations.

**Uses**: Cropping, Business or Farm Planning  
**Price**: Free to Members  
**Company**: Department of Primary Industries & Fisheries (QLD)  
**Web**: www.dpi.qld.gov.au  
**Email**: FEATregistration@dpi.qld.gov.au  
07 4131 5800  
Australia
Feed Cost Calculator
This calculator can compare costs of feeds on either an energy or a protein basis. Default energy, dry matter and protein levels are provided for typical feeds. The program can also be used to assess energy and protein levels of a mix of up to four feeds.

**Uses**  
Animal Industries, Land-use, Resource planning, Business or Farm Planning

**Price**  
Free

**Company**  
Department of Primary Industries (NSW)

**Web**  

**Email**  
lloyd.davies@dpi.nsw.gov.au
02 4939 8947

Feedlot assessment spreadsheet
This spreadsheet automates the calculations required in preparing applications for new cattle feedlot developments and assists in documenting proposed feedlot design characteristics and management practices.

**Uses**  
Intensive livestock, Modelling, Environmental Management, Farm Planning

**Price**  
Outright Purchase  
$55/Free: Qld Feedlots

**Company**  
Department of Primary Industries & Fisheries (QLD)

**Web**  
www2.dpi.qld.gov.au/environment/17919.html

**Email**  
alan.skerman@dpi.qld.gov.au
1800 679 778

Feedlot: growth and profit analysis
This program calculates feedlot margins with graphical output from animal purchase price, feed, transport costs etc. and sale prices (grids) to allow selection of cattle of optimum initial and sale weights and feed time, under various market conditions. Inputs include growth, feed and consumption.

**Uses**  
Intensive livestock, Modelling, Farm Planning

**Price**  
Purchase End User License  
POA

**Company**  
JONDAS Rural Investments

**Web**  

**Email**  
jonicol@netspace.net.au
07 3376 1503

FeedMania
In an intensive animal production enterprise, the highest single cost of production is feed. If this cost can be contained, the overall profitability of the operation will be maximised.

**Uses**  
Intensive livestock, Disease/Health/Welfare, General Office Software

**Price**  
Purchase End User License  
POA

**Company**  
Saltbush Agricultural Software

**Web**  
http://saltbush.une.edu.au

**Email**  
conrad@saltbush.une.edu.au
1800 111 637

FeedPlan Pro
A software program that will help you to drastically cut down feed budgeting and monitoring time. FeedPlan Pro will put your farm back on the fast track, helping you make accurate decisions about feed budgeting and planning.

**Uses**  
Animal Industries

**Price**  
Free

**Company**  
FeedPlan Pro

**Web**  
www.chrisfolkers.com

**Email**  
agrisoft@chrisfolkers.com
+64 7 858 3750
New Zealand

Fertcalc
Determines the level of fertiliser required on grazing land in south east Australia.

**Uses**  
Grazing Animals, Modelling, Simulations, Soils/Fertilisers, Business or Farm Planning

**Price**  
Free

**Company**  
The Mackinnon Project, Univ of Melb School of Veterinary Science

**Web**  
www.mackinnonproject.com.au

**Email**  
mackinnon-info@unimelb.edu.au
03 9731 2225

FertiPlan
Calculates nitrogen and phosphorus requirements for each paddock. For use in cereal, pulse, hay and canola crops based on soil test results and recent cropping history. Designed for south east Australian cropping enterprises. Accumulates a whole farm annual fertiliser program.

**Uses**  
Cropping, Soils/Fertilisers

**Price**  
Purchase End User License $175

**Company**  
Rural Solutions SA

**Web**  
www.ruralsolutions.sa.gov.au

**Email**  
cook.bridget@saugov.sa.gov.au
08 8755 3166

FieldWare Tools
Software which helps store, manage and report your work gathered from Mid-Tech guidance products. A variety of reports are easily generated, and can support billing and reporting. Field maps can be overlayed on base maps.

**Uses**  
Cropping, Mapping, GIS, GPS

**Price**  
Free

**Company**  
TeeJet Australasia Pty Ltd

**Web**  
www.teejet.com

**Email**  
tejetoz@teejet.com
03 5223 3020
USA
Findings and Outcomes of the Beef CRC – CD I
Genetics
This CD contains a summary of genetics findings from the CRC for Cattle and Beef Industries. It includes a variety of documents, from simple summaries to scientific papers and slides, mainly for industry professionals.

Uses: Breeding, Genetics
Company: Department of Primary Industries (NSW)
Web: www.dpi.nsw.gov.au
Email: bob.gaden@dpi.nsw.gov.au
02 6770 1812
Australia

Findings and Outcomes of the Beef CRC – CD II
Nutrition, Meat Science and Health.
This CD contains a summary of nutrition, meat science and health findings from the CRC for Cattle and Beef Industries. It includes a variety of documents, from simple summaries to scientific papers and slides.

Uses: Business Intelligence
Company: Department of Primary Industries (NSW)
Web: www.dpi.nsw.gov.au
Email: bob.gaden@dpi.nsw.gov.au
02 6770 1812
Australia

Fire information resource for the Victoria River District, Northern Territory
An introduction and frequently asked questions about managing fire in the VRD and Sturt Plateau region. A section on how to use information from satellites to locating hotspots where fires have actually burnt over the last few months and for monitoring.

Uses: Fire &/or Environmental Management
Company: CRC: Tropical Savannas
Web: http://savanna.ntu.edu.au
Email: peter.jacklyn@cdu.edu.au
08 8946 6285
Australia

First Aid Now
The learner is immersed in a 3D graphic environment when learning how to apply their skill and knowledge in a range of accident and incidents.

Uses: HR, Payroll, OHS, WHS
Company: Life International Creative Services Pty Ltd
Web: www.seniorfirstaid.com
Email: craig@lifeint.com.au
1300 888 785
Australia

Fish 32N
For deep sea routes and tracks: vessel track can be overlaid on the chart with different colours representing different trawling speed and depth. Can set up to four targets to display real time range and bearing from the vessel position.

Uses: Aquaculture, Fisheries, Mapping, GIS, GPS
Company: MR Marine
Web: www.mrmarine.com.au
Email: navsys@mrmarine.com.au
0428 250 520
Australia

Fish32c
Navigations functions, vessel positions, speed/depth indicators for fishermen.

Uses: Aquaculture, Fisheries, Mapping, GIS, GPS
Company: MR Marine
Web: www.mrmarine.com.au
Email: navsys@mrmarine.com.au
0428 250 520
Australia

Fishery Assist Software
This software has been in use for several years with one of the biggest fishing companies in South Australia and a wild catch abalone company from Victoria.

Uses: Aquaculture, Fisheries, Business or Farm Planning
Price: Subscription $1,000
Company: Aqua Assist
Web: www.aquaassist.com/ fishery.html
Email: rob@aquaassist.com
03 6248 4483
Australia

Flowering Calculator
A model to calculate flowering time for a selection of crops and varieties to ensure optimum flowering time and ultimately grain yield. Advanced graphical user interface makes it easy to show ‘flowering window’ limits for selected crops and varieties.

Uses: Cropping, Modelling, Land-use, Resource planning, Business or Farm Planning
Company: Department of Agriculture and Food (WA)
Flowtube
A relatively simple groundwater calculator for examining the effects of a range of recharge and discharge options on catchment groundwater.

Uses
- Irrigation, Dams, Water

Company
Department of Agriculture and Food (WA)

Web
www.agric.wa.gov.au

Email
mfairbanks@agric.wa.gov.au
08 9368 3448
Australia

Forklift-Aware
A time efficient, effective method for delivering regular theoretical knowledge and safety awareness training to forklift operators.

Uses
- HR, Payroll, OHS, WHS

Company
SMARTsafe Solutions

Web
www.smartsafegroup.com

Email
mark@smartsafegroup.com
07 3371 3822
Australia

Fox & Rabbit Management
A multi-media presentation system for extension officers on fox and rabbit management.

Uses
- Pests

Company
CBIT: Centre for Biological Information Technology

Web
http://cbit.uq.edu.au

Email
enquiries@cbit.uq.edu.au
07 3365 1111
Australia

Frontier Payroll Services
Out-sourcing solution.

Uses
- HR, Payroll, OHS, WHS

Company
Frontier Software

Web
www.frontiersoftware.com.au

Email
sales@frontiersoftware.com.au
03 9639 0777
Australia

Fruit & Vegetable Packing System
Easy to use recording of packout. Produce con. notes, stock on hand, track stock to customers, full traceability back to block/ pivot. Know how each block had packed out and the income received. Integrates with GrowData’s Vegetable Management Program. Know by block the cost of production and profit.

Uses
- Horticulture, Supply Chain

Price
Purchase End User License

Company
GrowData Developments

Web
www.growdata.com.au

Email
support@growdata.com.au
03 5831 1711
Australia

Generic Yield and N Calculator
A user-friendly decision support aid to calculate yield and nitrogen requirements of cereals and canola in dryland agricultural systems of southern Australia.

Uses
- Cropping, Business Intelligence, Land-use, Resource planning

Company
CSIRO

Web
www.csiro.au

Email
Jeff.Baldock@csiro.au
08 8303 8537
Australia

Genetic Tool Kit
Genetic tool kit.

Uses
- Breeding, Genetics, Business Management Solutions

Price
Purchase End User License

Company
Range Media

Web
www.rangemedia.com.au

Email
mail@rangemedia.com.au
07 4639 3176
Australia

Fugawi Global Navigator
The ideal PC software GPS programming, and real-time GPS navigation on land, sea and in the air. You can navigate in real time using the widest variety of digital maps, such as ECW format topographic maps, or your own scanned paper maps.

Uses
- Mapping, GIS, GPS

Price
Purchase End User License

$135

Company
Northport Systems Inc.

Web
www.fugawi.com

Email
sales@fugawi.com
+1 416 920 9300
Canada

FuzMe
Fuzzy clustering tool for building paddock management classes.

Uses
- Business or Farm Planning

Company
Australian Centre for Precision Agriculture

Web
www.usyd.edu.au/su/agric/acpa/

Email
acpa@acss.usyd.edu.au
02 9351 2947
Australia

Forage Systems Model Online
A decision aid aimed at evaluating the economics of changing your system. It uses data you enter to compare the costs and income from your present silage system to that of a proposed system. A partial budget approach is used.

Uses
- Animal Industries, Modelling, Simulations, Land-use, Resource planning, Business or Farm Planning

Price
Free

Company
Department of Primary Industries (NSW)

Web

Email
lloyd.davies@dpi.nsw.gov.au
02 4939 8947

Food Safety Toolkit
Enables users to develop, implement and maintain a food safety system covering all food safety obligations. The Toolkit comprises a set of manuals and CD containing step by step instructions, as well as background information.

Uses
- Quality Assurance/Risk Safety

Company
CSIRO

Web
www.csiro.au

Email
Cathy.Moir@csiro.au
02 9490 8579
Australia

Genetic Tool Kit
Genetic tool kit.

Uses
- Breeding, Genetics, Business Management Solutions

Price
Purchase End User License

Company
Range Media

Web
www.rangemedia.com.au

Email
mail@rangemedia.com.au
07 4639 3176
Australia
Goat Herd
Management of goat herds. This is currently DOS only.
Uses Grazing Animals, General Office Software
Price Outright Purchase $50
Company ArComPro
Email arcompro@nsw.com.au
02 6721 1032
Australia

Goat Tracks
MS Excel program recording birth events required to register boer goats with the BGBAA as well as weaning, post-weaning and yearling weights of kids. History of recorded events can be utilised to full potential, e.g. assessing production performance.
Uses Grazing Animals, Breeding, Genetics, Recordkeeping
Company Optimal Business Solutions
Web www.obsolutions.com.au
Email info@obsolutions.com.au
07 5497 4484
Australia

GP Mapper and GP Mapper Live
Fast and simple yet sophisticated mapping software. Unlimited layers, draw polygons, lines, circles, symbols and text. Live GPS mapping also import and export facilities for GPS, SHP, DXF etc.
Uses Mapping, GIS, GPS, Business or Farm Planning
Price Purchase End User License $550 - $935
Company Fairport Farm Software
Web www.fairport.com.au
Email sales@fairport.com.au
08 9367 5814
Australia

Grain & Fodder Trading Template
This simple template will allow you to calculate grain, fodder and produce trading profit.
Uses Cropping, Export/Trading
Company Mindshop Agribusiness
Email rcummings@mindshop.com.au
04 1492 9585
Australia

Grain Storage Calculator
A simple spreadsheet that works out the cost of holding grain so that in negotiating a forward grain sale the operator is able to easily work out a future sale price.
Uses Cropping, Export/Trading, Business or Farm Planning
Price Free to Members
Company Department of Primary Industries & Fisheries (QLD)
Web www.dpi.qld.gov.au
Email Rod.Strahan@dpi.qld.gov.au
07 4686 1608
Australia

Grain Storage Tutor
Multimedia package that covers key aspects of centralised, bagged rice grain storage in south east Asia.
Uses Cropping, Export/Trading
Company CBIT: Centre for Biological Information Technology
Web http://cbit.uq.edu.au
Email enquiries@cbit.uq.edu.au
07 3365 1111
Australia

Grape Forecaster
Sample and forecast grape yield estimates over multiple vineyards and patches. Evaluate and analyse your performance. Keep all your data in one place and manage it easily. Grape Forecaster is a joint venture project of the Victorian Department of Primary Industry, Grape and Wine Research and Development Corporation and Fairport Farm Software.
Uses Horticulture, Modelling, Simulations
Price Purchase End User License $550
Company Fairport Farm Software
Web www.fairport.com.au
Email sales@fairport.com.au
08 9367 5814
Australia

GRASP : Grass Production Model
A ‘pasture growth’ model that combines a soil water model and a model of above-ground dry-matter flow. It has been built to meet specific objectives relating to grazing management of Australian rangelands.
Uses Grazing Animals, Modelling, Simulations
Company Department of Natural Resources and Water (QLD)
Web www.nrw.qld.gov.au
Email bevry@nrm.qld.gov.au
07 3896 9612
Australia

GrassGro
Helps analyse profit, risk and sustainable use of resources in temperate sheep or cattle enterprises. It uses CSIRO models to assess land capability; benchmark production; and test strategic (stocking rate, mating date, etc.) and tactical (stock trading, feeding policy, etc.) options.
Uses Grazing Animals, Modelling, Simulations
Price Purchase End User License $1,350
Company Horizon Agriculture Pty Ltd
Email horizontech@msn.com.au
02 9440 8088
Australia

GrazFeed
The industry benchmark for calculating the nutrition of sheep and cattle grazing pasture in Australia. Graziers and advisors can assess likely animal production from pasture and supplements using the Australian Feeding Standards. It includes a simple stocking rate calculator.
Uses Grazing Animals, Modelling, Simulations
Price Purchase End User License $385
Company Horizon Agriculture Pty Ltd
Web www.hzn.com.au
Email horizontech@msn.com.au
02 9440 8088
Australia
Grazing Crop Budget Calculator

Assist in calculating total returns from a grazing crop and can be adapted for any mix of grain and livestock.

**Uses:** Business or Farm Planning

**Price:** TBA

**Company:** Holmes Sackett & Associates

**Web:** www.hs-a.com.au

**Email:** hsa@hs-a.com.au

02 6931 7110

AUSTRALIA

GRAZPLAN

A suite of decision support tools produced by CSIRO for the grazing industries of Australia. The individual GRAZPLAN tools (MetAccess, GrazFeed, GrassGro and AusFarm) each have their own entry in the Farm Software Directory.

**Uses:** Modelling, Simulations

**Price:** TBA, POA

**Company:** Horizon Agriculture Pty Ltd

**Web:** www.hzn.com.au

**Email** horizontech@msn.com.au

02 9440 8088

AUSTRALIA

Green Feed Budget Paddock Calculator

A valuable tool that enables a farmer to make grazing management decisions at a paddock level by better matching the energy requirements of a particular class of stock with what is available and what is needed.

**Uses:** Grazing Animals, Land-use, Resource planning.

**Price:** Free

**Company:** Australian Wool Innovation

**Web:** www.woolinnovation.com.au

**Email** info@woolinnovation.com.au

02 9299 5155

AUSTRALIA

GreenStar2

The GreenStar™ Display (GSD) 2100 (21 cm diagonally) and 2600 (26 cm diagonally, touchscreen). These new displays feature full-colour screens that allow the operator to configure and view multiple applications. Every GSD 2100 and 2600 comes loaded.

**Company:** John Deere

**Web:** www.deere.com/en_AU/

**Email:** info@johndeere.com

08 8273 0333

AUSTRALIA

GroGraph

Software used to run a water sensor machine. All data collected from Aqualink is received into GroGraph where it is graphically displayed. All inputs (soil moisture, valve or pump operations, temperature, wind, etc.) are stored.

**Uses:** Irrigation, Dams, Water

**Company:** WiSA Irrigation Solutions

**Web:** www.irrigatewisa.com.au

**Email** graeme@irrigatewisa.com.au

03 5480 7713

AUSTRALIA

GrowIt Gold Works ME

A landscaping design database, point of sale, botanical database.

**Uses:** Plant Industries, Land-use, Resource planning

**Company:** Innovative Thinking Software

**Web:** www.itsoft.com.au

**Email** 100243.745@compuserve.com

02 4757 1400

AUSTRALIA

Guide Mate

The first product to provide an affordable guidance solution that works on industry standard Pocket PC. Guide Mate was developed by Raven Industries based on years of experience in the GPS guidance market. Guide Mate provides an easy-to-follow, on-screen light-bar and steering needle.

**Uses:** Cropping, Guidance, GPS

**Price:** Purchase End User License $770

**Company:** Farm Works

**Web:** www.farmworks.com.au

**Email** sales@farmworks.com.au

03 5286 1112

USA

Gypsy: discounted cash flow analysis for application of gypsum to sodic soils under sugarcane

Helps sugarcane growers make decisions on how much gypsum to apply to sodic soils. It estimates the effect of gypsum addition on cane yield and cash flow. Input data is soil test data, cost and quality of the gypsum and price of cane.

**Uses:** Sugar, Modelling, Fertilisers

**Price:** Free

**Company:** CSIRO

**Web:** www.clw.csiro.au/products/gypsy/

**Email** paul.nelson@jcu.edu.au

07 4042 1375

AUSTRALIA

HairID

An interactive tool for identifying Australian mammals from hair samples.

**Uses:** Animal Industries

**Company:** Ecobyte

**Web:** www.ecobyte.com.au

**Email** support@ecobyte.com.au

02 6494 1729

AUSTRALIA

HandiRISK

A tool for import risk analysis.

**Uses:** Quality Assurance/Risk

**Company:** Massey University

**Web** http://epicentre.massey.ac.nz

**Email** EpiCentre@massey.ac.nz

+64 6 350 5133

NEW ZEALAND

HARTT

Hydrograph Analysis- Rainfall and Time Trends is an approach for statistically estimating trends in groundwater levels. It separates the effect of rainfall from the underlying time trend and estimates the lag between rainfall and its impact. It is a useful tool in salinity management.

**Uses:** Weather, Climate, Rainfall

**Price:** Free, $50 Registration fee only

**Company:** Department of Agriculture and Food (WA)

**Web** www.agric.wa.gov.au/pls/portal30/docs/FOLDER/IKMPLW/ WATER/HARTT.HTM

**Email** rferdowsian@agric.wa.gov.au

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Harvest TraceMaster
Pack house software, wireless barcode scanning systems, batch label printing systems, RFID on demand label printing at packing stations, HTM-InterLink – online buyer order management system with multiple database search to find stock and place supplier orders. Real time info. Supermarket compliant.

**Uses**
Horticulture, Supply Chain, Business Management Solutions

**Price**
Purchase End User License
POA

**Company**
Harvest TraceMaster
Australia

**Web**
www.etracemaster.com

**Email**
ian@etracemaster.com
02 9999 4589
Australia

Herb Recorder
Keep track of sowing details, locations, on going crop maintenance. This is currently DOS only.

**Uses**
Cropping, General Office Software

**Price**
Outright Purchase
$50

**Company**
ArComPro

**Web**

**Email**
arcompro@nnsw.com.au
02 6721 1032
Australia

Herd file
Recording system for cattle industry. This is currently DOS only.

**Uses**
Grazing Animals, General Office Software

**Price**
Outright Purchase
$50

**Company**
ArComPro

**Web**

HerdMASTER
Has been designed as a practical program for all levels of computer users. You know how to manage your livestock – that’s your business! What if you had a tool that could help you manage your livestock even better?

**Uses**
Grazing Animals, Disease/Health/Welfare, General Office Software

**Price**
Purchase End User License
TBA

**Company**
Saltbush Agricultural Software

**Web**
http://saltbush.une.edu.au

**Email**
conrad@saltbush.une.edu.au
1800 111 637
Australia

Horticulture Arkive
Software program that maintains all records over successive seasons and incorporates HACCP reporting formats. Records include spray diary, block records, irrigation, labour, equipment, fertiliser, harvesting etc. Costs per tonne etc.

**Uses**
Horticulture, Supply Chain, Recordkeeping

**Price**
Outright Purchase
$440-$704

**Company**
Arkive Software

**Web**
www.arkive.com.au

**Email**
info@arkive.com.au
03 5729 7605
Australia
HowLeaky?
A simple, graphical interface to a daily water balance model. Its main purpose is to explore the effects of different vegetation, climates, soil types and management of the water balance, erosion, sediment and pesticide movement.

Uses: Modelling, Simulations, Irrigation, Dams, Water
Price: Free
Company: Department of Primary Industries & Fisheries (QLD)
Email: christopher.murphy@dpi.qld.gov.au
07 4688 1596
Australia

HowMuch?
A simple yield estimator using the water use efficiency concept (WUE) (kg of grain per mm of available water). HowMuch? can be used to investigate management options such as length of fallow and planting date.

Uses: Cropping
Price: Free
Company: Department of Primary Industries & Fisheries (QLD)
Email: christopher.murphy@dpi.qld.gov.au
07 4688 1596
Australia

HowOften?
Examines the 'future expectations' element above from a rainfall perspective. For example, what is the chance of getting a planting rain given that a certain amount of water and nitrogen is stored in the soil?

Uses: Cropping
Price: Free
Company: Department of Primary Industries & Fisheries (QLD)
Email: christopher.murphy@dpi.qld.gov.au
07 4688 1596
Australia

HowWet?
Estimates water storage and nitrogen mineralisation during fallow periods using farm rainfall records and provides a simple estimate of yield and nitrogen requirements.

Uses: Cropping
Price: Free
Company: Department of Primary Industries & Fisheries (QLD)
Email: christopher.murphy@dpi.qld.gov.au
07 4688 1596
Australia

HR21
Employee and manager self service.

Uses: HR, Payroll, OHS, WHS
Price: Free
Company: Frontier Software
Web: www.frontiersoftware.com.au
Email: sales@frontiersoftware.com.au
03 9639 0777
Australia

HR3 Payroll
A comprehensive payroll solution, ideal for larger organisations, that automates the time consuming payroll tasks and takes the worry out of ATO compliance. Handles your leave accruals, superannuation, taxation, payroll tax and more.

Uses: HR, Payroll, OHS, WHS
Price: Free
Company: HR3
Web: www.hr3.com.au
Email: sales@hr3.com.au
03 9528 1755
Australia

HS: Heat Stress Model for Live Export
Estimates the heat stress risk for each line of livestock notionally loaded on a particular deck of a ship.

Uses: Animal Industries, Export/Trading, Quality Assurance/Risk
Price: Free
Company: Meat and Livestock Australia (MLA)
Web: www.mla.com.au
Email: info@mla.com.au
1800 023 100
Australia

iAppraise
A risk-based, online audit and survey management tool enabling any organization to develop and schedule its entire auditing requirement, carry out audits online, and perform issue-tracking reporting and post-audit analysis.

Uses: Quality Assurance/Risk
Price: Free
Company: iComply
Web: www.icomply.com.au
Email: scott.longden@icomply.com.au
03 9545 1452
Australia

iAudit
A desktop audit management application with powerful scheduling, auditing and analysis capability.

Uses: Quality Assurance/Risk
Price: Free
Company: iComply
Web: www.icomply.com.au
Email: scott.longden@icomply.com.au
03 9545 1452
Australia

iFarm Crops
A complete farm mapping and paddock recording package. Use iFarm Crops to plan cropping rotations and activities, meet all QA requirements for cropping enterprises, record paddock activities, and produce accurate farm plans.

Uses: Cropping, Recordkeeping
Price: TBA
Company: eAgribusiness
### iFarm Crops & Livestock
A complete farm mapping and recording package for crop and livestock enterprises. Use iFarm Crops & Livestock to plan cropping activities, meet QA requirements, record all crop and livestock activities and produce accurate farm plans.

**Uses**
- Recordkeeping

**Price**
- TBA

**Company**
eAgribusiness

**Web**
www.eagri.com.au

**Email**
info@eagri.com.au
08 9227 1699
Australia

### iFarm Livestock
A complete farm mapping and livestock activity recording package. Use iFarm Livestock to meet all QA requirements for livestock enterprises, record all livestock activities on a group and/or individual animal basis, and produce accurate farm plans.

**Uses**
- Animal Industries, Recordkeeping

**Price**
- TBA

**Company**
eAgribusiness

**Web**
www.eagri.com.au

**Email**
info@eagri.com.au
08 9227 1699
Australia

### Farm Mapping
A complete farm mapping and property planning tool. Virtually any geo-referenced images can be easily imported to aid in the property planning process. Drawing and printing farm maps is simple and easy and file formats are compatible with other leading GIS packages.

**Uses**
- Mapping, GIS, GPS, Land-use, Resource planning, Business or Farm Planning

**Price**
- TBA

**Company**
eAgribusiness

**Web**
www.eagri.com.au

### IHACCP
It is a complete food safety management tool box containing all the essential ingredients for best practice in food safety.

**Uses**
- HR, Payroll, OHS, WHS

**Company**
iComply

**Web**
www.icomply.com.au

**Email**
scott.longden@icomply.com.au
03 9545 1452
Australia

### ILR2: International Livestock Registry 2
A powerful online herd management data collection and distribution for multi-species domestic and international herd recording and genetic evaluation.

**Uses**
- Grazing Animals, Breeding, Genetics, Recordkeeping

**Company**
UNE: Agricultural Business Research Institute (ABRI)

**Web**
http://abri.une.edu.au

**Email**
office@abri.une.edu.au
02 6773 3555
Australia

### Imagepes
Suitable for stud, commercial or hobby farmers. Dairy farmers can utilise industry standard DIF formats to import and export data. It is fully integrated with Farmhand.

**Uses**
- Breeding, Genetics

**Company**
Elan Computers

**Email**
imagenesmail@yahoo.com
03 9740 6654
Australia

### Imagine
Provides financial analysis of alternative land uses. Can include long rotation crops, such as trees and allows spatial configuration within a paddock, for example, an alley farming scenario.

**Uses**
- Cropping, Modelling, Land-use, Resource planning

**Company**
Department of Agriculture and Food (WA)

**Web**
www.agric.wa.gov.au

### iManage Risk
It provides tools to identify and analyse risks, develop and implement risk management controls, and maintain records for incidents, documentation, training, hazardous materials, and other essential risk management resources.

**Uses**
- Quality Assurance/Risk

**Company**
iComply

**Web**
www.icomply.com.au

**Email**
scott.longden@icomply.com.au
03 9545 1452
Australia

### iMobility
A suite of Microsoft Pocket PC based applications, which enable any organization to carry out inspections, audits and surveys at any location.

**Uses**
- Quality Assurance/Risk

**Company**
iComply

**Web**
www.icomply.com.au

**Email**
scott.longden@icomply.com.au
03 9545 1452
Australia

### InCalf Fertility Focus Report
This package will help farmers and their advisers pursue calf improvements in herd reproductive performance.

**Uses**
- Grazing Animals, Breeding, Genetics

**Company**
Incalf

**Web**
www.incalf.com.au

**Email**
slittle@incalf.com.au
03 5823 1678
Australia

### InCalf Herd Assessment Pack Tools
Designed to help dairy farmers (and their advisers) investigate key management areas which affect herd reproductive performance.

**Uses**
- Grazing Animals, Breeding, Genetics

**Company**
Incalf

**Web**
www.incalf.com.au

**Email**
slittle@incalf.com.au
03 5823 1678
Australia
**Infopest Agvet (on DVD/CD)**
Comprehensive national database of all APVMA registered products, including rates of use, broad claims active constituents, withholding periods, label images and APVMA Minor Use permits.

**Uses**
- Horticulture, Legislative compliance, Pests, Weeds, Business or Farm Planning

**Price**
- Purchase/Subscription $99/198

**Company**
- Department of Primary Industries & Fisheries (QLD)

**Web**

**Email**
- infopest@dpi.qld.gov.au
- 07 3239 3967

**Australia**

**InShed Assessor**
Assists in determining the economic benefit of fibre testing hogget replacement, ewes for selection purposes.

**Uses**
- Grazing Animals, Modelling, Simulations, Land-use, Resource planning, Business or Farm Planning

**Price**
- Free

**Company**
- The Mackinnon Project, Univ of Melb School of Veterinary Science

**Web**
- www.mackinnonproject.com.au

**Email**
- mackinnon-info@unimelb.edu.au
- 03 9731 2225

**Australia**

**Intag**
Kill floor grading and tagging including NLIS tag reading and reporting.

**Uses**
- Animal Industries, Processing, Transport

**Company**
- BEC Systems

**Web**
- www.becsystems.com.au

**Email**
- sales@becsystems.com.au
- 03 9386 6401

**Australia**

**Integrated Vegetation Information for NAP & NRM Regions**
The Integrated Vegetation dataset provides one source for major vegetation cover types Australia. Information on vegetation includes native forests and grasslands and non-native vegetation (e.g. pine plantations, improved pasture and crops).

**Uses**
- Plant Industries, Fire &/or Environmental Management

**Price**
- Free

**Company**
- Bureau of Rural Sciences (DAFF)

**Web**

**Email**
- richard.thackway@brs.gov.au
- 02 6272 4856

**Australia**

**International Livestock Information Gateway**
Gateway for livestock research, online genetic sales, Australia’s genetic export database, added benefits to registered members. Including the SalesBarn where you can buy/sell livestock genetics.

**Uses**
- Export/Trading

**Price**
- Free

**Company**
- ILRIC - International Livestock Resources & Information Centre

**Web**
- www.ilric.com

**Email**
- info@ilric.com
- 02 6773 4222

**Australia**

**Inventory & Load Out**
Provides all of the functionalities required to record, track, analyse and report on all product inventory, by item and by location. Companies have a complete and up to date (real-time) view of their inventory, with access to all details, such as age, value and exact location of each item.

**Uses**
- Supply Chain, Plant, Equipment, Inventory

**Price**
- Purchase End User License POA

**Company**
- Cedar Creek Company Pty Ltd

**Web**
- www.cedarcc.com.au

**Email**
- salesenquiries@cedarcc.com.au
- 07 3356 0999

**Australia**

**IPARM**
IPARM is a program to calibrate the soil infiltration function for furrow irrigation as required by the simulation model SIRMOD or equivalent. It can estimate the parameters of the modified Kostiakov equation using advance or advance and runoff measurements and can accommodate variable inflow.

**Uses**
- Modelling, Simulations, Irrigation, Dams, Water

**Price**
- Free

**Company**
- CRC: Irrigation Futures

**Web**
- www.irrigationfutures.org.au

**Email**
- gilliesm@usq.edu.au
- 07 4631 1715

**Australia**
**IrriMAX 7**
A powerful new software tool for more than just irrigation management. IrriMAX 7 is a complete soil moisture and environmental monitoring package, which allows the user to directly compare soil moisture and salinity data with a range of other key environmental, soil and plant data.

**Uses**
Horticulture, Soils, Irrigation, Environmental Management

**Price**
Purchase End User License
POA

**Company**
Sentek Sensor Technologies

**Web**
www.sentek.com.au

**Email**
sentek@sentek.com.au
1800 736 635
Australia

**ISES Plan Development**
This module (previously known as HEAT) is an excellent HACCP software tool for electronically managing HACCP and other risk management plans across supply chains for a broad range of industries.

**Uses**
Quality Assurance/Risk

**Company**
Icon Global Link

**Web**
www.iglink.com.au

**Email**
adam@iglink.com.au
03 5962 2157
Australia

**Ivan**
Allows a project manager to create a schedule in a natural way using a computer, drawing schedule networks interactively on a page with a time-scale.

**Uses**
Business or Farm Planning

**Company**
McLachlan Software

**Web**
www.mclachlan.com.au

**Email**
dbm-dpi@mclachlan.com.au
02 9251 6511
Australia

**JASMaster**
Has been developed to permit all the recording required for Japanese Agricultural Standard (JAS) compliance, and provide an audit trail that permits your operation to be JAS accredited. JasMASTER has been developed in .Net, a modern development environment available from Microsoft.

**Uses**
Intensive livestock, Disease/Health/Welfare, General Office Software

**Price**
Purchase End User License
POA

**Company**
Saltbush Agricultural Software

**Web**
http://saltbush.une.edu.au

**Email**
conrad@saltbush.une.edu.au
1800 111 637
Australia

**Kill Floor Systems**
Monitors and tracks the acquired product from the moment it enters the on-floor processing room through to its completion and exit of the processing room. Along the way, evaluations of the product are made by staff, which are recorded into the system via touch screen technology.

**Uses**
Plant Industries, Processing, Transport, Plant, Equipment, Inventory

**Price**
Purchase End User License
POA

**Company**
Cedar Creek Company Pty Ltd

**Web**
www.cedarcc.com.au

**Email**
salesenquiries@cedarcc.com.au
07 3356 0999
Australia

**Label Design & Control**
The system provides the physical design of any given label format, which may be accessed by authorised users only, via any workstation on the network. Once designed, all label formats form part of the “Product Specification” and are controlled by the “Specification and Labelling Control” system.

**Uses**
Plant, Equipment, Inventory

**Price**
Purchase End User License
POA

**Company**
Cedar Creek Company Pty Ltd

**Web**
www.cedarcc.com.au

**Email**
sales@becsystems.com.au
03 9386 6401
Australia

**Koolcollect**
Comprehensive crush side collection software aimed at breeders, feedlots and fatteners with emphasis on recording weights, chemical treatments and animal traits for measuring performance. Full reporting to NLIS.

**Uses**
Grazing Animals, Legislative compliance, Disease/Health/Welfare

**Company**
Saltbush Agricultural Software

**Web**
http://saltbush.une.edu.au

**Email**
robert.wyld@sapien.com.au
03 9808 7119
Australia

**Koolcollect Calf Trader**
Software specifically designed for recording transactions of livestock in situations such as bobby calf scales. Features full automatic submission of transactions to the NLIS database. All transactions record a purchase price for an animal.

**Uses**
Grazing Animals, Legislative compliance, Recordkeeping

**Company**
Sapien Technology Pty Ltd

**Web**
www.sapien.com.au

**Email**
robert.wyld@sapien.com.au
03 9808 7119
Australia

**Labelterm**
Carton labelling and production reporting module.

**Uses**
Processing, Transport, Plant, Equipment, Inventory

**Company**
BEC Systems

**Web**
www.becsystems.com.au

**Email**
sales@becsystems.com.au
03 9386 6401
Australia

**LabMagic**
A web-based parasite monitoring and diagnostic data capture system.

**Uses**
Pests, Weeds

**Company**
Saltbush Agricultural Software

**Web**
http://saltbush.une.edu.au

**Email**
conrad@saltbush.une.edu.au
1800 111 637
Australia
Lamb File
For those requiring stud information on their sheep, includes progeny. This is currently DOS only.

Uses
Grazing Animals, General Office Software

Price
Outright Purchase $50

Company
ArComPro
Web
Email
arcompro@nsw.com.au
02 6721 1032
Australia

Lamb Growth Predictor
A useful tool for making management decisions in lamb production systems. It uses repeated live-weights to calculate individual growth rates and adjusts these (for expected conditions) for future weight predictions.

Uses
Grazing Animals, Breeding, Genetics, Business or Farm Planning

Price
Free

Company
CRC: Sheep
Web
www.sheepcrc.org.au/software
Email
jessica.richards@dpi.nsw.gov.au
02 6391 3871
Australia

Lamb Lot Feeding Calculator
Allows sheep producers to calculate, from current prices and basic assumptions, the break-even price required for lot feeding lambs. Margins from a range of higher and lower sale and buy prices are also included.

Uses
Business or Farm Planning

Price
TBA POA

Company
Holmes Sackett & Associates
Web
www.hs-a.com.au
Email
hsa@hs-a.com.au
02 6931 7110
Australia

Land Use Mapping for Australia
The Australian Collaborative Land Use Mapping Programme has produced ‘Land Use Mapping for Australia’ – an interactive website and DVD. It contains information about land use in Australia, mapping and data, the national classification system.

Uses
Mapping, GIS, GPS, Land-use, Resource planning

Price
Free

Company
Bureau of Rural Sciences (DAFF)
Web
www.brs.gov.au/landuse
Email
land_management@brs.gov.au
1800 020 157
Australia

Landmark Farm 2007
A simple to use, integrated farm software package for all types of farms and farm business activities. Outstanding planning and monitoring features for better business decisions and greater profitability.

Uses
Business Management Solutions

Price
Subscription $30.00/month

Company
i.Agri Limited
Web
www.iagri.com
Email
hq@iagri.com
1800 788 774
Australia

Landmark Money 2007
A simple to use complete software package for small businesses and farmers who require a program to manage their finances only.

Uses
General Office software

Price
Subscription $19.95/month

Company
i.Agri Limited
Web
www.iagri.com
Email
hq@iagri.com
1800 788 774
New Zealand

Leakage Calculator
Uses representative locations to cover the range of climate and soils of the south-west Agricultural Region. Produces actual and relative leakage volumes to highlight areas that may respond to the use of perennial plants for recharge control.

Uses
Soils/Fertilisers

Company
Department of Agriculture and Food (WA)
Web
www.agric.wa.gov.au
Email
praper@agric.wa.gov.au
08 9780 6255
Australia

Legacy 6000 Fieldware
GPS guidance, auto-steer, spray, spreader, seeder.

Uses
Mapping, GIS, GPS, Plant, Equipment, Inventory

Company
TeeJet Australasia Pty Ltd
Web
www.teejet.com
Email
teejetc@teejet.com
03 5223 3020
Australia

Lime and Nutrient Balance
Estimates the nitrogen requirement of cereals and oilseeds, the phosphorus requirement for a wide range of crops and pasture enterprises, the lime requirement for crop and pasture sequences and the balance of nutrients and acidity.

Uses
Soils/Fertilisers

Company
CSIRO
Web
www.csiro.au
Email
John.Angus@csiro.au
02 6246 5095
Australia

Last Effective Flower Tool (LEFT)
A web-based decision aid used to estimate the date of the last effective flower of cotton in a season that will contribute to a harvestable boll.

Uses
Cropping, Weather, Climate,
Lime and Nutrient Calculator
To estimate the acidification and removal of nutrients associated with broadacre rotations, crops, hay, wool and meat production.

Uses: Soils/Fertilisers
Company: Department of Agriculture and Food (WA)
Web: www.agric.wa.gov.au
Email: jsfisher@agric.wa.gov.au

Link 3000
Support software supplied with the Tru-Test 3000 series weighing indicators. This software allows the user to download and upload data files to and from their 3000 series indicator via a laptop, PC or Hand Held windows based program.

Uses: Animal Industries
Price: Free
Company: Tru-Test
Web: www.tru-test.com.au
Email: sales-aus@tru-test.co.nz

Livestock Recording
A complete livestock recording solution developed by livestock producers for livestock producers. Practical and easy to use. Livestock Recording is Internet based, works just like Internet banking, you don’t have to worry about installing any software on your computer or keeping backups.

Uses: Grazing Animals
Price: Subscription $250, $500 or $1000
Company: Livestock Recording
Web: http://livestockrecording.com
Email: info@livestockrecording.com.au

Lucid Phoenix
A computer based dichotomous or pathway key builder and player that enables traditional paper based identification keys to be published on the Internet or CD.

Uses: Business Intelligence
Company: CBIT: Centre for Biological Information Technology
Web: http://cbit.uq.edu.au
Email: enquiries@cbit.uq.edu.au

Livestock Trading Schedules & Template
Allows you to schedule changes in livestock numbers, sales, purchases, natural increase, opening and closing valuations, livestock trading profit.

Uses: Export/Trading
Company: Mindshop Agribusiness
Email: rcummings@mindshop.com.au

Machinery Cost Calculator
A web-based calculator of machinery costs from Kondinin Group.

Uses: Plant, Equipment, Inventory
Company: Kondinin Group
Web: www.kondinin.com.au
Email: library@kondinin.com.au

LiveStockAuctions
Livestock online auctions.

Uses: Grazing Animals, Export/Trading
Price: POA
### Machinery Recorder
For the property that has a quantity of machinery that requires regular maintenance. This is currently DOS only.

- **Uses**: Plant Industries, General Office Software
- **Price**: Outright Purchase $50
- **Company**: ArComPro
- **Email**: arcompro@nnsw.com.au
- **Phone**: 02 6721 1032

### MacMan
A recording system for monitoring and improving macadamia farm productivity and quality. Records include inputs (labour, chemicals, machinery and contract costs), outputs (harvest, sorting/storage and factory results), monitoring (leaf/soil, water and pest) and environment (weather and growth cycles).

- **Uses**: Horticulture, Business Intelligence, Recordkeeping
- **Price**: Purchase End User License POA
- **Company**: Department of Primary Industries & Fisheries (QLD)
- **Email**: macman@dpi.qld.gov.au
- **Phone**: 07 5441 2211

### MacroFleece
A comprehensive performance recording programme designed for the wool grower. Simple easy to use data and lookup screens means you can quickly find the data you need to manage your flock.

- **Uses**: Grazing Animals, Recordkeeping
- **Price**: Purchase End User License $620
- **Company**: VantagePoint Solutions Ltd
- **Web**: [www.macrostock.com](http://www.macrostock.com)
- **Email**: info@macrostock.com
- **Phone**: +64 3 307 8053

### MacroStud
Designed for progressive stud breeders, who want to increase productivity and performance. It provides accurate portable recording of stock data, allowing management decisions to be made in the office and then the required actions transferred.

- **Uses**: Animal Industries, Breeding, Genetics, Recordkeeping
- **Price**: Purchase End User License $1,495
- **Company**: VantagePoint Solutions Ltd
- **Web**: [www.macrostock.com](http://www.macrostock.com)
- **Email**: info@macrostock.com
- **Phone**: +64 3 307 8053

### MacroWeigh
An application designed to monitor the production throughput of the finishing or feedlot enterprise. MacroWeigh is suitable for all livestock types and tracks animals from the time of purchase through to slaughter.

- **Uses**: Intensive livestock
- **Price**: Purchase End User License $620
- **Company**: VantagePoint Solutions Ltd
- **Web**: [www.macrostock.com](http://www.macrostock.com)
- **Email**: info@macrostock.com
- **Phone**: +64 3 307 8053

### MaNage Rice
Presents Riverina rice growers and advisers with estimates of yield and profit from topdressed nitrogen fertiliser in relation to cold-damage risk. It also presents results to assist in zone management and selecting sowing date.

- **Uses**: Cropping, Modelling, Simulations, Soils/Fertilisers, Business Management Solutions
- **Company**: CSIRO
- **Web**: [www.csiro.au](http://www.csiro.au)
- **Email**: John.Angus@csiro.au
- **Phone**: 03 6246 5095

### MaNage Wheat
A simulation model that estimates yield and protein response to nitrogen fertiliser for wheat crops in southern NSW and Victoria. It accounts for variety, sowing date, N status, costs and prices. Its strength is in evaluating topdressing.

- **Uses**: Cropping, Modelling, Simulations, Soils/Fertilisers, Business Management Solutions
- **Company**: CSIRO
- **Web**: [www.csiro.au](http://www.csiro.au)
- **Email**: John.Angus@csiro.au
- **Phone**: 0462 465 095

### Management of nutrient rich wastes
Guidelines for the management of nutrient rich wastes generated by a range of agricultural enterprises such as dairies, piggeries, wineries and feedlots. Includes a spreadsheet to calculate safe spreading rates on different soil types.

- **Uses**: Modelling, Simulations, Land-use, Resource planning
- **Price**: Purchase End User License $55
- **Company**: Rural Solutions SA
- **Email**: clark.trevor@saugov.sa.gov.au
- **Phone**: 08 8842 6222

### Manager, Back Paddock Software
Whole farm (livestock/crop/physical resources) and paddock planning, recording, reporting and mapping program. It’s powerful, accurate, easy to use and compliant with most management systems. Easily produces gross margins/Agchem/fertiliser input shopping lists and QA records.

- **Uses**: Mapping, GIS, GPS, Land-use, Resource planning, Business or Farm Planning
- **Price**: POA
- **Company**: Back Paddock Software
- **Email**: wdate@nutrientms.com.au
- **Phone**: 1800 557 166
## Managing On-Farm Grain Storage
Covers all aspects of grain storage, including moisture and temperature, pest, safety, and economics.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Price</th>
<th>Company</th>
<th>Web</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
</table>

## Marek's disease model
Product is a mathematical model of infection and spread of Marek's disease virus in a shed of broiler chickens given a variety of host, pathogen and environmental determinants of disease.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Price</th>
<th>Company</th>
<th>Web</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intensive livestock, Modelling, Simulations, Disease/Health/Welfare</td>
<td>Outright purchase $50</td>
<td>CRC: Poultry</td>
<td><a href="http://www.poultrycrc.com.au">www.poultrycrc.com.au</a></td>
<td><a href="mailto:swalkden@une.edu.au">swalkden@une.edu.au</a> 02 6773 5152</td>
<td>Australia</td>
</tr>
</tbody>
</table>

## Managing Seafood Safety
Write food safety plans for your business using the templates on this interactive CD ROM.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Company</th>
<th>Web</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
</table>

## Market Network
An online order management system for the fresh food supply chain, connecting growers, supply managers and buyers. Full integration with SMS alerts, accounting, e-mail, diary, and your own website.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Company</th>
<th>Web</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply Chain</td>
<td>Crop Master</td>
<td><a href="http://www.cropmaster.com.au">www.cropmaster.com.au</a></td>
<td><a href="mailto:darrenj@cropmaster.com.au">darrenj@cropmaster.com.au</a> 07 5462 5139</td>
<td>Australia</td>
</tr>
</tbody>
</table>

## MarketPOS
A point of sale system designed for fruit, vegetable, flower, and seafood wholesalers and agents.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Company</th>
<th>Web</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Export/Trading</td>
<td>Totalpak Solutions</td>
<td><a href="http://www.totalpak.com">www.totalpak.com</a></td>
<td><a href="mailto:allan@totalpak.com">allan@totalpak.com</a> 1800 666 503</td>
<td>Australia</td>
</tr>
</tbody>
</table>

## Map Maker Pro
Mapping, GIS, and GPS software for Windows, designed to be easy to use by novices yet with powerful features for more advanced users.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Company</th>
<th>Web</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mapping, GIS, GPS</td>
<td>Mapmaker.com</td>
<td><a href="mailto:info@mapmaker.com">info@mapmaker.com</a> +44 1583 431 358</td>
<td></td>
<td>UK</td>
</tr>
</tbody>
</table>

## MAX: Machinery Database
Provides the tools necessary for accurate maintenance of any transport asset, from single vehicles to large corporate fleets to trucking firms to farmers to boats.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Company</th>
<th>Web</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant, Equipment, Inventory Purchase End User License $550</td>
<td>Fairport Farm Software</td>
<td><a href="http://www.fairport.com.au">www.fairport.com.au</a></td>
<td><a href="mailto:sales@fairport.com.au">sales@fairport.com.au</a> 08 9367 5814</td>
<td>Australia</td>
</tr>
</tbody>
</table>

## Maxiyield
Provides a simple yet powerful way of instantly evaluating crop nutritional requirements. It allows the user to assess the current nutritional value to the crop of fertiliser inputs, taking into account factors such as water use efficiency.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Price</th>
<th>Company</th>
<th>Web</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cropping, Soils/Fertilisers, Business or Farm Planning</td>
<td>Outright Purchase POA</td>
<td>eAgribusiness</td>
<td><a href="http://www">www</a>. eagri.com.au</td>
<td><a href="mailto:info@eagri.com.au">info@eagri.com.au</a> 08 9227 1699</td>
<td>Australia</td>
</tr>
</tbody>
</table>

## MEATCOM
Software that assists exporters, producers and manufacturers to connect with AQIS’ EXDOC system to arrange for electronic validation of Prescribed Goods under their control. As well, electronic clearances, can be obtained from Customs & Terminals.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Company</th>
<th>Web</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Export/Trading, Quality Assurance/Risk</td>
<td>Syscob</td>
<td><a href="http://www.syscob.com.au">www.syscob.com.au</a></td>
<td><a href="mailto:sales@syscob.com.au">sales@syscob.com.au</a> 03 9731 0762</td>
<td>Australia</td>
</tr>
</tbody>
</table>

## Merino Bloodline Comparison
Illustrating the performance of Merinos across wool production, wool quality and profitability, the Merino Bloodline Package www.merinobloodlines.com.au identifies the best ram source to satisfy a range of woolgrowers’ breeding objectives.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Company</th>
<th>Web</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grazing Animals, Business or Farm Planning</td>
<td>Australian Wool Innovation</td>
<td><a href="http://www.merinobloodlines.com.au">www.merinobloodlines.com.au</a></td>
<td><a href="mailto:info@woolinnovation.com.au">info@woolinnovation.com.au</a> 02 9299 5155</td>
<td>Australia</td>
</tr>
</tbody>
</table>
Merino Superior Sires
Website (http://mss.csiro.au) that allows direct comparison of Merino sires evaluated at seven medium and five fine wool Central Test Sire Evaluation sites across Australia. You can go online and use the MSS query tool to compare leading sire performance.

**Uses**
- Grazing Animals
- Business or Farm Planning

**Price**
- Free

**Company**
- Australian Wool Innovation

**Web**
- http://mss.csiro.au

**Email**
- info@woolinnovation.com.au
- 02 9299 5155

Merino vs Terminal Sire Flock Model
Allows producers to work out the percentage of ewes that can be joined to terminal sires and still maintain a self replacing merino flock, based on individual farm inputs.

**Uses**
- Grazing Animals
- Breeding, Genetics

**Price**
- Free

**Company**
- CRC: Sheep

**Web**

**Email**
- phillip.graham@dpi.nsw.gov.au
- 02 6776 1345

MesoMap Live
Provides you with a way of displaying weather data on a map via your website for just about anywhere in the world.

**Uses**
- Mapping, GIS, GPS
- Weather, Climate, Rainfall

**Company**
- Weather-Display

**Web**
- www.weather-display.com

**Email**
- info@weather-display.com
- +64 9 235 1377
- New Zealand

Microster Workforce Management
Supports effective workforce management: proactively control labour costs, optimise personnel utilisation, improve quality of service, protect contracted employment conditions, minimise workforce administration overheads, compliance with WorkChoices.

**Uses**
- Business Intelligence
- Land-use, Resource planning
- HR, Payroll, OHS, WHS

**Price**
- Purchase End User License
- POA

**Company**
- Microster Pty Ltd

**Web**
- www.microster.com.au

**Email**
- phillw@microster.com.au
- 02 4968 9992

MIDAS
Computer models that represent the economics and biology of farming in the grain and sheep belts of Western Australia.

**Price**
- TBA

**Company**
- Department of Agriculture and Food (WA)

**Web**
- www.agric.wa.gov.au

**Email**
- rkingwell@agric.wa.gov.au
- 08 9368 3333
- Australia

Milk Manager for Windows
User friendly Windows parlour management program with information on milk weights, milking time, milk composition, feeding, veterinary data, sorting and live body weights.

**Uses**
- Animal Industries
- Business Intelligence
- Business or Farm Planning

**Price**
- Outright Purchase
- POA

**Company**
- DairyKing

**Web**
- www.dairyking.com.au

**Email**
- info@dairyking.com.au
- 03 9459 4355
- Australia

Microsoft Great Plains
A cost-effective solution for managing and integrating finances, e-commerce, supply chain, manufacturing, project accounting, field service, customer relationships, and human resources.

**Uses**
- Supply Chain, HR, Payroll, OHS, WHS

**Price**
- Outright Purchase
- POA

**Company**
- Totalpak Solutions

**Web**
- www.totalpak.com

**Email**
- allan@totalpak.com
MIPS Piggery Management System
Award-winning piggery management and herd recording computer software for commercial, stud and outdoor piggeries.

**Uses**  Intensive livestock, Business Management Solutions

**Company**  MIPS Software

**Web**  www.mips-software.com.au

**Email**  tezzos@ozEmail.com.au
02 6255 9123

**MISTRO Draft**
The system can help you sort your cows automatically based on their NLIS ear tags. It provides seamless, trouble free automated drafting. Cows can be drafted manually during milking from the computer in the dairy, or by adding a wireless network you can draft from your home.

**Uses**  Intensive livestock

**Price**  Purchase End User License

**Company**  MISTRO

**Web**  www.mistro.ag

**Email**  tfrancis@mistro.ag
0429 006 478

**MISTRO Feed**
The system can help you feed your cows automatically based on their NLIS ear tags. It allows you to control feed inputs, and provides facilities for giving warnings/alarms on cows. You can feed individually, in feed groups, or use production curves as well as ramping up or down.

**Uses**  Intensive livestock

**Price**  Purchase End User License

**Company**  MISTRO

**Web**  www.mistro.ag

**Email**  tfrancis@mistro.ag
0429 006 478

**MISTRO Finance**
It's an accounting, benchmarking and budgeting system, specially designed for use by dairyfarmers. It can be used to help with basic bookkeeping, cheque writing, feed planning and cash budgeting. Take the hassle out of farm bookkeeping with MISTRO Finance.

**Uses**  Intensive livestock, Recordkeeping

**Price**  Purchase End User License

**Company**  MISTRO

**Web**  www.mistro.ag

**Email**  tfrancis@mistro.ag
0429 006 478

**MISTRO Pocket**
Designed for use on the Palm Pilot, you can enter data for: calving, drying off, terminating, mating, pregnancy testing, treatments, workabilities. You can also view: breeding, treatments, lactations, herd tests, cows on the bucket.

**Uses**  Intensive livestock

**Price**  Purchase End User License

**Company**  MISTRO

**Web**  www.mistro.ag

**Email**  tfrancis@mistro.ag
0429 006 478

**MISTRO Shed**
The software works in the dairy and lets you: record treatment events in the dairy; record cows on heat; view treatment history; track cows undergoing treatment; track cows freshly calved; connect to multiple sites with wireless network; update MISTRO Farm5 through MISTRO Shed.

**Uses**  Intensive livestock

**Price**  Purchase End User License

**Company**  MISTRO

**Web**  www.mistro.ag

**Email**  tfrancis@mistro.ag
0429 006 478

**MISTRO Wand**
The software will enable you to perform four main tasks: link EID’s to females in your MISTRO Farm5 database; create groups of cows in your MISTRO Farm5 database from scanned EID’s; create a list of EID’s; enter health and mating events. It works with Tag Tracker and Allflex bluetooth readers.

**Uses**  Intensive livestock

**Price**  Purchase End User License

**Company**  MISTRO

**Web**  www.mistro.ag

**Email**  tfrancis@mistro.ag
0429 006 478

**MLA Calving Histogram Calculator**
The calculator helps you to define your calving pattern by calculating the % of cows conceiving at each cycle. It is available on the CD of the MLA "More Beef from Pastures" producer's manual.

**Uses**  Cattle, Health, Farm-planning

**Price**  Free

**Company**  Meat & Livestock Aust. (MLA)


**Email**  karalue@bigpond.net.au
1800 675 717

**Australia**
MLA Cost of Production Calculator
This calculator helps producers quickly and easily measure how their business is performing by calculating average cost ($) to produce a kg of liveweight, beef or sheep. It is available on the CD of the MLA “More Beef from Pastures” producer's manual.

<table>
<thead>
<tr>
<th>Company</th>
<th>Web</th>
</tr>
</thead>
</table>

| Email   | 1800 675 717 Australia                  |

MLA Rainfall to Pasture Growth Outlook Tool
Allows livestock producers across southern Australia to improve their grazing management by better predicting rainfall and pasture growth using prevailing seasonal conditions and historical trends.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Cattle, Health, Farm and resource planning, Weather, Climate, Rainfall,</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price</td>
<td>Free</td>
</tr>
<tr>
<td>Company</td>
<td>Meat &amp; Livestock Aust. (MLA)</td>
</tr>
<tr>
<td>Web</td>
<td><a href="http://www.mla.com.au/TopicHierarchy/InformationCentre/FeedAndPastures/Pasturemanagement/Rainfall+to+Pasture+Growth+Outlook+tool.htm">www.mla.com.au/TopicHierarchy/InformationCentre/FeedAndPastures/Pasturemanagement/Rainfall+to+Pasture+Growth+Outlook+tool.htm</a></td>
</tr>
</tbody>
</table>

| Email   | karalue@bigpond.net.au 1800 675 717 Australia                           |

MLA Stocking Rate Calculator
The calculator helps you estimate how many steers a paddock can carry. It is available on the CD of the MLA "More Beef from Pastures" producer's manual.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Cattle, Health, Farm and resource planning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price</td>
<td>Free</td>
</tr>
<tr>
<td>Company</td>
<td>Meat &amp; Livestock Aust. (MLA)</td>
</tr>
<tr>
<td>Web</td>
<td><a href="http://www.mla.com.au/TopicHierarchy/InformationCentre/FeedAndPastures/Pasturemanagement/Stocking+rate+calculator.htm">www.mla.com.au/TopicHierarchy/InformationCentre/FeedAndPastures/Pasturemanagement/Stocking+rate+calculator.htm</a></td>
</tr>
</tbody>
</table>

| Email   | karalue@bigpond.net.au 1800 675 717 Australia                           |

Mobile Farm Management
Recording information, reporting, and controlling and managing the production process has never been easier! And now you can do it from anywhere using our Mobile Production Management System for fruit and vegetable growers.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Horticulture, Recordkeeping</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price</td>
<td></td>
</tr>
<tr>
<td>Company</td>
<td>Totalpak Solutions</td>
</tr>
<tr>
<td>Web</td>
<td><a href="http://www.totalpak.com">www.totalpak.com</a></td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:allan@totalpak.com">allan@totalpak.com</a></td>
</tr>
<tr>
<td>Phone</td>
<td>1800 666 503 Australia</td>
</tr>
</tbody>
</table>

Monitoring Assist
Caters for any kind of business that wants to keep data records of environment monitoring parameters such as temperature, dissolved oxygen etc.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Disease/Health/Welfare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price</td>
<td>Subscription $500</td>
</tr>
<tr>
<td>Company</td>
<td>Aqua Assist</td>
</tr>
<tr>
<td>Web</td>
<td><a href="http://www.aquaassist.com/monitoring.html">www.aquaassist.com/monitoring.html</a></td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rob@aquaassist.com">rob@aquaassist.com</a></td>
</tr>
<tr>
<td>Phone</td>
<td>03 6248 4483 Australia</td>
</tr>
</tbody>
</table>

Mouser Version 1.0
The software provides access to the latest expert knowledge on the biology and management of mouse plagues.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Cropping, Modelling, Simulations, Pests, Weeds,</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price</td>
<td>Purchase End User License $5</td>
</tr>
<tr>
<td>Company</td>
<td>CSIRO</td>
</tr>
<tr>
<td>Web</td>
<td><a href="http://www.cse.csiro.au/research/rodents/mouser.htm">www.cse.csiro.au/research/rodents/mouser.htm</a></td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rodent-inquiries@csiro.au">rodent-inquiries@csiro.au</a></td>
</tr>
<tr>
<td>Phone</td>
<td>02 6242 1600 Australia</td>
</tr>
</tbody>
</table>

Mudas
MUDAS stands for Model of an Uncertain Dryland Agricultural System. It is a discrete stochastic version of MIDAS that deals with season and price variability as well as with farmers attitudes to income risk.

<table>
<thead>
<tr>
<th>Uses</th>
<th>Modelling, Simulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price</td>
<td></td>
</tr>
<tr>
<td>Company</td>
<td>Department of Agriculture and Food (WA)</td>
</tr>
<tr>
<td>Web</td>
<td><a href="http://www.agric.wa.gov.au">www.agric.wa.gov.au</a></td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rkingwell@agric.wa.gov.au">rkingwell@agric.wa.gov.au</a></td>
</tr>
<tr>
<td>Phone</td>
<td>08 9368 3333 Australia</td>
</tr>
</tbody>
</table>

54
Multi-Log
Graphs data from a wide range of data loggers from different manufacturers – the data can be graphed separately, or overlaid on the same graph. Data from different loggers, recorded at different times, can be plotted on the same graph or map.
Uses: Cropping, Irrigation, Dams, Water, Recordkeeping
Price: Outright Purchase $495
Company: Research Services New England
Web: www.rsne.com.au
Email: support@rsne.com.au
02 9810 3563
Australia

Mutton vs Wool Calculator
Can be used to determine the minimum future sale value of wool producing sheep, which is required to achieve a target profit.
Uses: Business or Farm Planning
Price: TBA, POA
Company: Holmes Sackett & Associates
Web: www.hs-a.com.au
Email: hsa@hs-a.com.au
02 6931 7110
Australia

myEMS
A web based computer application that will facilitate the creation, management and implementation of an ISO14001 compliant environmental management system (EMS). myEMS enables individual landholders to quickly create a customised EMS from baseline data provided by their association or CMA.
Uses: Legislative compliance, Fire &/or Environmental Management, Business or Farm Planning
Price: Purchase End User License POA
Company: myEMS
Web: http://myems.com.au
Email: sales@myems.com.au
0414 233 344
Australia

MYOB
Business products.
Uses: Bookkeeping, Accounting
Company: MYOB Australia
Web: www.myob.com.au
Email: customer_service@myob.com.au
1300 555 151
Australia

MYOB AccountEdge (Mac)
Business management software for the Mac, with integrated payroll, inventory and time billing.
Uses: Bookkeeping, Accounting
Price: Purchase End User License $595
Company: MYOB Australia
Web: www.myob.com.au
Email: sales@myob.com.au
1300 555 151
Australia

MYOB Accounting
Accounting, inventory and business management software for professional owner-operators.
Uses: Bookkeeping, Accounting
Price: Purchase End User License $349
Company: MYOB Australia
Web: www.myob.com.au
Email: sales@myob.com.au
1300 555 151
Australia

MYOB Accounting Plus
Business management and accounting software with integrated payroll, inventory and time billing.
Uses: Bookkeeping, Accounting
Price: Purchase End User License $95
Company: MYOB Australia
Web: www.myob.com.au
Email: sales@myob.com.au
1300 555 151
Australia

MYOB BusinessBasics
Easy business and accounting software for small or home-based businesses.
Uses: Bookkeeping, Accounting
Price: $149/ End User License
Company: MYOB Australia
Web: www.myob.com.au

MYOB JustInvoices
A simple alternative to writing invoices by hand. Save time and keep your sales organised.
Uses: Bookkeeping, Accounting
Price: Purchase End User License $99
Company: MYOB Australia
Web: www.myob.com.au
Email: sales@myob.com.au
1300 555 151
Australia

MYOB Premier
Multi-user business management software with integrated payroll, inventory, time billing and multiple currency transaction capability.
Uses: Bookkeeping, Accounting
Price: Purchase End User License $1,495
Company: MYOB Australia
Web: www.myob.com.au
Email: sales@myob.com.au
1300 555 151
Australia

MYOB Premier Enterprise
Powerful multi-user business intelligence and management software for networks using Terminal Services.
Uses: Business Intelligence, Bookkeeping, Accounting
Price: Purchase End User License $3,950
Company: MYOB Australia
Web: www.myob.com.au
Email: sales@myob.com.au
1300 555 151
Australia

MYOB FirstEdge (Mac)
Basic business management software for small or home-based businesses using a Mac.
Uses: Bookkeeping, Accounting
Price: Purchase End User License $149
Company: MYOB Australia
Web: www.myob.com.au
Email: sales@myob.com.au
1300 555 151
Australia
<table>
<thead>
<tr>
<th><strong>Natural Resource Management data capture and validation database application</strong></th>
<th>Uses</th>
<th>Australian Soil and Land Survey Standards. Ideal partner for mapping and analysis applications including GIS.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Land-use, Resource planning</td>
<td></td>
</tr>
<tr>
<td><strong>Price</strong></td>
<td>Purchase End User License $850</td>
<td></td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Mapmakers Australia</td>
<td></td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.mapmakers.com.au">www.mapmakers.com.au</a></td>
<td></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:info@mapmakers.com.au">info@mapmakers.com.au</a> 03 6334 5620</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Navmaster Offshore</strong></th>
<th>Fast easy planning, waypoint and route databases, instant tide calculation, best departure times continuous position plotting and more.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Aquaculture, Fisheries, Mapping, GIS, GPS</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>MR Marine</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.mrmarine.com.au">www.mrmarine.com.au</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:navsys@mrmarine.com.au">navsys@mrmarine.com.au</a> 0428 250 520</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Navmaster Professional</strong></th>
<th>PC based electronic chart.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Aquaculture, Fisheries, Mapping, GIS, GPS</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>MR Marine</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.mrmarine.com.au">www.mrmarine.com.au</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:navsys@mrmarine.com.au">navsys@mrmarine.com.au</a> 0428 250 520</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>NavPak PE</strong></th>
<th>A whole nautical chart or topographical map and it is very fast and stable.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Aquaculture, Fisheries, Mapping, GIS, GPS</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>MR Marine</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.mrmarine.com.au">www.mrmarine.com.au</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:navsys@mrmarine.com.au">navsys@mrmarine.com.au</a> 0428 250 520</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>NavPakPro</strong></th>
<th>PC charting.</th>
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<tr>
<td><strong>Uses</strong></td>
<td>Aquaculture, Fisheries, Mapping, GIS, GPS</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>MR Marine</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.mrmarine.com.au">www.mrmarine.com.au</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:navsys@mrmarine.com.au">navsys@mrmarine.com.au</a> 0428 250 520</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>NEAT</strong></th>
<th>The NEAT concept works by looking at the 4 drivers of profit in your business: number of production units (scale); production level per unit (productivity); prices received (price) and enterprise costs (efficiency).</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Business Management Solutions</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Mindshop Agribusiness</td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:rcumnings@mindshop.com.au">rcumnings@mindshop.com.au</a> 0414 929 585</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>NemaSYS</strong></th>
<th>Multimedia package with information on nematodes in crops and pastures in Queensland.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Cropping, Pests, Weeds</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>CBIT: Centre for Biological Information Technology</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://cbit.uq.edu.au">http://cbit.uq.edu.au</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:enquiries@cbit.uq.edu.au">enquiries@cbit.uq.edu.au</a> 07 3365 1111</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>NETPROFIT: Financial Model</strong></th>
<th>Evaluates netting options for the horticulture fruit orchard industry.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Horticulture, Pests, Weeds</td>
</tr>
<tr>
<td><strong>Price</strong></td>
<td>Outright Purchase $55</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Department of Primary Industries &amp; Fisheries (QLD)</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.dpi.qld.gov.au">www.dpi.qld.gov.au</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:bill.johnston@dpi.qld.gov.au">bill.johnston@dpi.qld.gov.au</a> 07 5430 4928</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>NeuroTheta</strong></th>
<th>Neural network prediction of soil water retention curves and saturated hydraulic conductivity for Australian soil.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Soils/Fertilisers</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Australian Centre for Precision Agriculture</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.usyd.edu.au/agric/aca/">www.usyd.edu.au/agric/aca/</a>?</td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:acpa@acas.usyd.edu.au">acpa@acas.usyd.edu.au</a> 02 9351 2947</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Nine Lives Risk Manager</strong></th>
<th>A risk management software solution designed to help you protect your assets, manage your risks cost effectively, including OHS risks, demonstrate good corporate governance, demonstrate due diligence, quantify risk reduction for insurance premiums.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Quality Assurance/Risk</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Nine Lives Systems</td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:msprigg@ninelives.com.au">msprigg@ninelives.com.au</a> 03 9844 3743</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>NLIS Carcass Identification</strong></th>
<th>Triton have a standalone OR completely integrated NLIS module as part of our suite of software for Abattoirs. We use fixed or panel readers to read the tags and other information such as live weight &amp; tail tag.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Animal Industries, Legislative compliance, Recordkeeping</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Triton Commercial Systems</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.tritoncomsys.com">www.tritoncomsys.com</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:mburke@tritoncomsys.com">mburke@tritoncomsys.com</a> 07 3324 2525</td>
</tr>
</tbody>
</table>

| **NLIS System** | Fully embraces Australia’s policy for the identification and tracing of livestock. Interfaces with the NLIS database and reports back to the operator information stored on the database. Can be integrated seamlessly into the CCC Procurement & Payment |
and/or Kill Floor systems or operate stand-alone.

**Uses**  
Plant Industries, Legislative compliance, Disease/Health/Welfare, Plant, Equipment, Inventory

**Price**  
Purchase End User License POA

**Company**  
Cedar Creek Company Pty Ltd

**Web**  
www.cedarcc.com.au

**Email**  
salesenquiries@cedarcc.com.au

07 3356 0999

**Australia**

---

**Nobltec Visual Navigation Suite**  
Can also have a radar and sounder added as well as 3D Bathy recording of the ocean floor.

**Uses**  
Aquaculture, Fisheries, Mapping, GIS, GPS

**Company**  
MR Marine

**Web**  
www.mrmarine.com.au

**Email**  
navsys@mrmarine.com.au

0428 250 520

**Australia**

---

**NP Decide**  
Predicts fertiliser nitrogen, phosphorus yield and dollar response surfaces for any yield potential and soil phosphorus and nitrogen status. Has a soil phosphorus calculator. Takes account of the effects of take-all on responses to different nitrogen sources.

**Uses**  
Soils/Fertilisers

**Company**  
Department of Agriculture and Food (WA)

**Web**  
www.agric.wa.gov.au

**Email**  
bbowden@agric.wa.gov.au

08 9690 2000

**Australia**

---

**NSW DPI Farm Forms – Crops**  
Crop gross margin forms, also includes an example paddock record form and rainfall records by day. Requires Microsoft Excel.

**Uses**  
Cropping

**Price**  
Purchase End User License POA

**Company**  
Department of Primary Industries (NSW)

**Web**  
www.dpi.nsw.gov.au

**Email**  
fiona.scott@dpi.nsw.gov.au

02 6763 1156

**Australia**

---

**NP Decide**  
Predicts fertiliser nitrogen, phosphorus yield and dollar response surfaces for any yield potential and soil phosphorus and nitrogen status. Has a soil phosphorus calculator. Takes account of the effects of take-all on responses to different nitrogen sources.

**Uses**  
Soils/Fertilisers

**Company**  
Department of Agriculture and Food (WA)

**Web**  
www.agric.wa.gov.au

**Email**  
bbowden@agric.wa.gov.au

08 9690 2000

**Australia**

---

**NSW DPI Farm Forms – Livestock**  
Forms for beef cattle gross margins, feedlot gross margins, supplementary feed costs, wool and lamb gross margins, calf records, cow records. Requires Microsoft Excel.

**Uses**  
Intensive livestock, Recordkeeping

**Price**  
Outright Purchase POA

**Company**  
Department of Primary Industries (NSW)

**Web**  
www.dpi.nsw.gov.au

**Email**  
fiona.scott@dpi.nsw.gov.au

02 6763 1156

**Australia**

---

**NSW NRAAtlas**  
Facilitates search and discovery of natural resources data sets. Development of this application was made through the collaborative efforts of the NSW natural resources agencies under the Community Access to Natural Resources Information (CANRI) program.

**Uses**  
Land-use, Resource planning

**Price**  
Free

**Company**  
Observant

**Web**  
www.observable.com.au

**Email**  
info@observable.com.au

1300 224 688

**Australia**

---

**OFDA2000**  
Interprets raw data measurements from OFDA200 to generate a wide range of reports for use in sheep and wool management decisions including selection indexes, clip preparation, marketing and production factors.

**Uses**  
Grazing Animals, Supply Chain

**Price**  
Purchase End User License POA

**Company**  
Interactive Wool Group

**Web**  
www.iwgofda.com

**Email**  
richard@iwgofda.com

02 6766 3077

**Australia**

---

**NutriLOGIC Online**  
Analyses soil and petiole nitrate tests and recommends the amount of nitrogen required to achieve an optimum yield of cotton.

**Uses**  
Cropping, Soils/Fertilisers

**Price**  
Free

**Company**  
CSIRO

**Web**  

**Email**  
CottonLOGIC@mv.pi.csiro.au

02 6799 1500

**Australia**
**OFFM Calculator, The**
OFFM is the process of sampling and measuring individual fleeces for mean fibre diameter and a range of other raw wool characteristics that affect woolgrower profitability. This calculator allows the user to examine different pricing scenarios to determine if fleece testing is a viable option.

**Uses**
- Grazing Animals, Business or Farm Planning

**Price**
Free

**Company**
Department of Primary Industries (NSW)

**Web**
www.dpi.nsw.gov.au

**Email**
steve.seiple@dpi.nsw.gov.au
02 6391 3881

---

**On Farm Support Tools**
A range of tools which allow producers to make good decisions on a range of on farm production issues.

**Uses**
- Business or Farm Planning

**Price**
TBA

**Company**
Holmes Sackett & Associates

**Web**
www.hs-a.com.au

**Email**
hsa@hs-a.com.au
02 6931 7110

---

**OPTLIME**
Used to explore chemical/biological and financial responses to managing soil acidity using lime. Assesses impact or relative differences between different management strategies e.g. increased tolerance to acidity in the rotation, vs. management with topsoil.

**Uses**
- Cropping, Modelling, Simulations, Soils/Fertilisers

**Price**
Free

**Company**
Department of Agriculture and Food (WA)

**Web**
www.agric.wa.gov.au

**Email**
enquiries@agric.wa.gov.au
08 9368 3333

---

**Orchard Management System**
Easy to use recording of all chemicals, fertiliser, labour, machinery & irrigation costs. Produces easy to read instruction sheets. Fully QA compliant spray diary reports. Tracks all details down to block level. Suitable for all tree fruit crops with special modules for olives, almonds and walnuts.

**Uses**
- Horticulture, Recordkeeping, Business or Farm Planning

**Price**
Outright Purchase
POA

**Company**
GrowData Developments

**Web**
www.growdata.com.au

**Email**
support@growdata.com.au
03 5831 1711

---

**Oversched**
Interactive package to provide a visualisation of soil water deficits and irrigation scheduling options for centre pivot and lateral move machines.

**Uses**
- Irrigation, Dams, Water

**Company**
National Centre for Engineering in Agriculture, USQ

**Web**
www.ncea.org.au

**Email**
raine@usq.edu.au
07 4631 1691

---

**Ovitec**
Dedicated to administration and management sheep and goat farms.

**Uses**
- Grazing Animals, Business or Farm Planning

**Price**
Outright Purchase
POA

**Company**
Agritec Software

**Web**
www.agritecsoft.com/en/

**Email**
sales@agritecsoft.com
+1 563 374 1300

---

**Oyster Profit**
Evaluate an oyster aquaculture project using economic models that represent a steady state farm, to look at the impacts of changing any part of the production cycle (feed, stocking density, production time, harvesting methods, marketing etc.). Based on a cost/benefit approach using discounted cash flow.

**Uses**
- Aquaculture, Fisheries, Business or Farm Planning

**Price**
Outright Purchase
$220

**Company**
Department of Primary Industries & Fisheries (QLD)

**Web**
www.dpi.qld.gov.au

**Email**
bill.johnston@dpi.qld.gov.au
07 5430 4928

---

**Ozpest**
A CD product providing a comprehensive reference system on urban pest management.

**Uses**
- Pests, Weeds

**Company**
CBIT: Centre for Biological Information Technology

**Web**
http://cbit.uct.edu.au

**Email**
enquiries@cbit.uct.edu.au
<table>
<thead>
<tr>
<th><strong>Product</strong></th>
<th><strong>Description</strong></th>
<th><strong>Uses</strong></th>
<th><strong>Price</strong></th>
<th><strong>Company</strong></th>
<th><strong>Website</strong></th>
<th><strong>Email</strong></th>
<th><strong>Phone</strong></th>
<th><strong>Country</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Paddock Area Calculator</strong></td>
<td>Simple javascript calculator for calculating the area of paddocks.</td>
<td>Business or Farm Planning</td>
<td></td>
<td></td>
<td><a href="http://www.dpi.vic.gov.au">www.dpi.vic.gov.au</a></td>
<td><a href="mailto:Phillip.Evans@dpi.vic.gov.au">Phillip.Evans@dpi.vic.gov.au</a></td>
<td>03 5152 0600</td>
<td>Australia</td>
</tr>
<tr>
<td><strong>Paddock File</strong></td>
<td>Each paddock can be kept in a separate file along with relevant information such as current stocking,</td>
<td>Cropping, General Office</td>
<td></td>
<td></td>
<td><a href="http://www.nnsw.com.au/arcompro/">www.nnsw.com.au/arcompro/</a></td>
<td><a href="mailto:arcompro@nnsw.com.au">arcompro@nnsw.com.au</a></td>
<td>02 6721 1032</td>
<td>Australia</td>
</tr>
<tr>
<td></td>
<td>cropping, production and additions (such as fertiliser). Allows some calculation of DSE as well as</td>
<td>Software</td>
<td></td>
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<td></td>
<td>some other automatic data information.</td>
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</tr>
<tr>
<td><strong>PAM Ausvit</strong></td>
<td>Australian management and decision support software system for use in Australian vineyards. Modern</td>
<td>Horticulture, Quality</td>
<td>Purchase End User License</td>
<td>Purchase End User License</td>
<td>Fairport Farm Software</td>
<td><a href="mailto:sales@fairport.com.au">sales@fairport.com.au</a></td>
<td>08 9367 5814</td>
<td>Australia</td>
</tr>
<tr>
<td></td>
<td>technologies have been incorporated to give you a genuine management information system. You can make</td>
<td>Assurance/Risk</td>
<td>$875</td>
<td>from $1369.50</td>
<td><a href="http://www.fairport.com.au">www.fairport.com.au</a></td>
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<td></td>
<td>informed decisions.</td>
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</tr>
<tr>
<td>**PAM Individual Animal</td>
<td>IAR provides a vehicle for recording livestock activities of an individual animal, and the traits and</td>
<td>Grazing Animals, Breeding,</td>
<td>Purchase End User License</td>
<td>Subscription</td>
<td>Fairport Farm Software</td>
<td><a href="mailto:sales@fairport.com.au">sales@fairport.com.au</a></td>
<td>08 9367 5814</td>
<td>Australia</td>
</tr>
<tr>
<td><strong>records</strong></td>
<td>development of those animals. The PAM Individual Animal Recording production recording is integrated to</td>
<td>Genetics, Recordkeeping</td>
<td>$550</td>
<td>POA</td>
<td><a href="http://www.fairport.com.au">www.fairport.com.au</a></td>
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<td>the existing livestock recording system.</td>
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<td><strong>PAM Multiclient Add On</strong></td>
<td>Gives another menu option that allows you to add, delete, modify and switch between separate datasets</td>
<td>Recordkeeping</td>
<td></td>
<td>Purchase End User License</td>
<td>Fairport Farm Software</td>
<td><a href="mailto:sales@fairport.com.au">sales@fairport.com.au</a></td>
<td>08 9367 5814</td>
<td>Australia</td>
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<td>on the same computer.</td>
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<td>$325</td>
<td><a href="http://www.fairport.com.au">www.fairport.com.au</a></td>
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<td><strong>PAM QA Plus</strong></td>
<td>Australia’s market leader and award winning production recording software used by farmers, Department</td>
<td>Recordkeeping</td>
<td></td>
<td>Purchase End User License</td>
<td>Fairport Farm Software</td>
<td><a href="mailto:sales@fairport.com.au">sales@fairport.com.au</a></td>
<td>08 9367 5814</td>
<td>Australia</td>
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<td>of Agriculture and CSIRO research stations and Agricultural Colleges across Australia. Recording for</td>
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<td>from $1369.50</td>
<td><a href="http://www.fairport.com.au">www.fairport.com.au</a></td>
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<td>crops from cotton to canola, beans to barley and all livestock operations including pastoralists.</td>
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<td><strong>PAM Ultracrop</strong></td>
<td>Designed for the horticulture and viticulture industries keeping track of all machinery and manual</td>
<td>Recordkeeping</td>
<td></td>
<td>Purchase End User License</td>
<td>Fairport Farm Software</td>
<td><a href="mailto:sales@fairport.com.au">sales@fairport.com.au</a></td>
<td>08 9367 5814</td>
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<td>tasks, fertiliser and chemical use, inventories of consumables, crop monitoring, crop gross margins and</td>
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<td>from $1369.50</td>
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<td>much more. Produce gross margin and data analysis reports by crop type or by block.</td>
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<td><strong>Pasture Composition</strong></td>
<td>MS Excel spreadsheet for use in conjunction with “How to measure pasture composition”.</td>
<td>Plant Industries</td>
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<td><strong>Recording Sheet</strong></td>
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Pasture Improvement Calculator
This model calculates how much you can afford to spend per hectare in establishing a new pasture.

- **Uses**: Business or Farm Planning
- **Price**: TBA
- **Company**: Holmes Sackett & Associates
- **Web**: www.hs-a.com.au
- **Email**: hsa@hs-a.com.au
  02 6931 7110  Australia

Pasture Photo Standards CD
Photo standards of various pasture yields for native and sown pasture communities throughout Queensland.

- **Uses**: Grazing Animals, Land-use, Resource planning
- **Price**: Purchase End User License $15
- **Company**: Department of Primary Industries & Fisheries (QLD)
- **Web**: www.dpi.qld.gov.au
- **Email**: beef@dpi.qld.gov.au
  07 4936 0393  Australia

Pasture Sense
Designed to assist you in monitoring pasture and or range management conditions. It will track group livestock movements through each paddock, calculate AUM’s and costs, record observations such as precipitation or weather conditions.

- **Uses**: Grazing Animals, Recordkeeping
- **Company**: Midwest MicroSystems L.L.C.
- **Web**: www.midwestmicro.com
- **Email**: sales@midwestmicro.com
  +1 402 323 6969  Australia

Pasture Watch
Now you can monitor your pasture paddocks from your office. Pastures from Space™ delivers pasture growth rate (PGR®) information paddock by paddock directly to your computer. Compare your paddocks, budget and plan your grazing, calculate your required stocking rates using the "Green Feed Planner".

- **Uses**: Grazing Animals, Mapping, GIS, GPS, Land-use, Resource planning
- **Price**: Subscription from $299
- **Company**: Fairport Farm Software
- **Web**: www.fairport.com.au
- **Email**: sales@fairport.com.au
  08 9367 5814  Australia

Pastures from Space
Used to provide near real-time pasture information at the farm and paddock level that will underpin tactical and strategic decision making for Australian agricultural industries.

- **Uses**: Business Intelligence, Business Management Solutions
- **Company**: CSIRO
- **Web**: www.csiro.au
- **Email**: stephen.gherardi@csiro.au
  08 9333 6917  Australia

Payroll Premier 2006/07
Easy to set up and learn. Track and manage employee records. Fast-track your payroll processing. A secure and permission based payroll system. Information for Super Choice. Easily view each payroll component. Reduce time spent on employee records.

- **Uses**: HR, Payroll, OHS, WHS
- **Company**: Quicken
- **Web**: www.quicken.com.au
- **Email**: marketing@quicken.com.au
  1300 784 253  Australia

Pedigree Viewer
The program reads your simple data file and displays the full pedigree structure on the screen. Each animal is represented by its identity, or its name, or by its value for any of the traits in the data file.

- **Uses**: Animal Industries, Breeding, Genetics
- **Company**: UNE: Agricultural Business Research Institute (ABRI)
- **Web**: http://abri.une.edu.au
- **Email**: bkinghor@une.edu.au
  02 6773 2718  Australia

PBSELECT
The online PIGBLUP service Used to obtain estimated breeding values (EBVs) for important traits in pigs. PBSELECT is automated and results are returned within minutes after submission by registered users. PBSELECT provides genetic trends allowing users to monitor their genetic progress.

- **Uses**: Intensive livestock, Breeding, Genetics, Recordkeeping
- **Price**: Purchase End User License $3,000
- **Company**: Animal Genetics and Breeding Unit (NSW-DPI, UNE)
- **Email**: Susanne.Hermesch@une.edu.au
  02 6773 3787  Australia

PC Farm
Management information reports for dairy, beef, sheep, goats – is in three modules available separately, the first module is designed for general animal husbandry type reports while the second and third modules cater for dairy herds specifically.

- **Uses**: Grazing Animals, Recordkeeping
- **Company**: PC Farm
- **Web**: www.pcfarm.net
- **Email**: admin@pcfarm.net
  1800 645 816  Australia

Perch Profit
Evaluate a silver perch aquaculture project using economic models that represent a steady state farm, to look at the impacts of changing any part of the production cycle (feed, stocking density, production time harvesting methods, marketing
etc.). Based on a cost/benefit approach using discounted cash flow.

**Uses**
- Aquaculture, Fisheries, Business or Farm Planning

**Price**
- Outright Purchase $220

**Company**
- Department of Primary Industries & Fisheries (QLD)

**Web**
- www.dpi.qld.gov.au

**Email**
- bill.johnston@dpi.qld.gov.au
  - 07 5430 4928

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**PERFECT**

A cropping systems model (Littleboy et al, 1989) based on a daily time step, estimates all water balance components (evaporation, runoff, deep drainage, transpiration), erosion and productivity for cropping systems with up to three crops. Tillage management.

**Uses**
- Cropping, Modelling, Simulations

**Price**
- Free

**Company**
- Department of Primary Industries & Fisheries (QLD)

**Web**

**Email**
- christopher.murphy@dpi.qld.gov.au
  - 07 4688 1596

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**Pet Breed Recorder**

A simplified system for the pet breeding industry. This is currently DOS only.

**Uses**
- Grazing Animals, General Office Software

**Price**
- Outright Purchase $50

**Company**
- ArComPro

**Web**

**Email**
- arcompro@nnsw.com.au
  - 02 6721 1032

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**PHA-Pro7**

Will consistently document process hazards analysis (PHA) studies of risks related to process and allied industries.

**Uses**
- Processing, Transport, Quality Assurance/Risk

**Company**
- Dyadem

**Web**
- www.dyadem.com

**Email**
- sales@dyadem.com

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**Phoenix Farm Management**

Expands on Phoenix Gateway by allowing you to combine your financial data with farm physical data to produce management information. It produces detailed reports on an Enterprise basis with the ability to specify any season irrespective of the length of time.

**Uses**
- Bookkeeping, Accounting

**Price**
- Purchase End User License $1,495

**Company**
- AGDATA Australia

**Web**
- www.agdata.com.au

**Email**
- sales@agdata.com.au
  - 07 4632 8488

**Australia**

**Phoenix FARMS Cropping**

Cropping records production details with costs, income, gross margin, chemical, seed, production inventory, water storage calculations with graphs and QA compliant. Integrates with Phoenix Gateway, Mapping and Livestock.

**Uses**
- Cropping, Business Management Solutions

**Price**
- Purchase End User License $385

**Company**
- AGDATA Australia

**Web**
- www.agdata.com.au

**Email**
- sales@agdata.com.au
  - 07 4632 8488

**Australia**

**Phoenix FARMS Livestock**

Production recording system for livestock with detailed individual animal history for full traceability. Download information from data collection devices (wands, panel readers, scale indicators, etc.) and MLA database. Grazing records, liveweight performance and production performance.

**Uses**
- Grazing Animals, Legislative compliance, Disease/Health/Welfare, Business Management Solutions

**Price**
- Purchase End User License $385

**Company**
- AGDATA Australia

**Web**
- www.agdata.com.au

**Email**
- sales@agdata.com.au
  - 07 4632 8488

**Australia**

**Phoenix Gateway**

An easy to use package allowing you to fully track your GST either on a cash or accruals basis. Record reconciled accounts, customers and suppliers, assets and liabilities, and livestock and commodities. Gateway links to your electronic banking, has comprehensive reporting and a budget module.

**Uses**
- Bookkeeping, Accounting

**Price**
- Purchase End User License $1,155

**Company**
- AGDATA Australia

**Web**
- www.agdata.com.au

**Email**
- sales@agdata.com.au
  - 07 4632 8488

**Australia**

**Phoenix Lite**

The smaller brother to Phoenix Gateway. Businesses that operate on a cash basis gain total control of cashflow recording and analysis. The unique "Budget Planner" facility has been specially designed to simply and quickly plan for future growth.

**Uses**
- Bookkeeping, Accounting

**Price**
- Purchase End User License $585
Phoenix PowerBudgets

Comprehensive budgeting with documented forward planning for individual activities within the business. GST payment and refund projections are automatically produced for you as you concentrate on your budget.

**Uses**
- Business Intelligence
- Business or Farm Planning

**Price**
- Purchase End User License
- $198

Company: AGDATA Australia
Web: www.agdata.com.au
Email: sales@agdata.com.au
07 4632 8488

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** PigCHAMP Grow/Finish **

The premier web-based interactive data software system for pork production. It delivers the information farm managers need to maximize production, efficiency and profits regardless of farm size.

**Uses**
- Intensive livestock

**Price**
- Subscription
- POA

Company: PigCHAMP Knowledge Software
Web: www.pigchamp.com
Email: info@pigchamp.com
+1 515 233 2551
USA

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**PigChAMP Care**

PigChAMP Care™ On-Farm Information Management System™ is the premier Windows based interactive data system. It provides powerful analysis and reporting capabilities. A premier on-farm data system.

**Uses**
- Intensive livestock

PigChAMP Piggery Performance Programme

The complete piggery management program for small to large commercial piggeries. Engineered to fill the gap between the manual card system and other programs. PigPP is best used by the producer himself so information can be quickly processed and evaluated against existing benchmarks.

**Uses**
- Intensive livestock,
- Disease/Health/Welfare,
- Recordkeeping

**Price**
- Purchase End User License
- $495

Company: Yorke Systems
Web: http://pigpp.yorkesystems.com.au
Email: sales@yorke.com.au
08 8837 3065
Australia

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**PIGBLUP**

A PC Based Genetic Evaluation System for Pigs

Analyses large data sets within minutes. PIGBLUP has a Windows-based interface enabling easy and efficient operation by PIGBLUP users. Breeders do not need to understand the statistical and genetic theory in order to use PIGBLUP.

**Uses**
- Intensive livestock, Breeding, Genetics

**Price**
- Purchase End User License
- $4,000-16,000 neg

Company: Animal Genetics and Breeding Unit (NSW-DPI, UNE)
Email: pigblup@une.edu.au
02 6773 3787

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**PigCHAMP Assessment Spreadsheet**

The spreadsheet automates the calculations required in preparing applications for new piggery developments and assists in documenting proposed piggery design characteristics and management practices.

**Uses**
- Intensive livestock, Modelling, Simulations, Fire &/or Environmental Management, Business or Farm Planning

**Price**
- Outright Purchase
- $55 or Free: Qld piggery operators

Company: Department of Primary Industries & Fisheries (QLD)
Web: www2.dpi.qld.gov.au/environment/14958.html
Email: alan.skerman@dpi.qld.gov.au (technical enquiries)
1800 679 778
Australia

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**PigPP Piggery Performance Programme**

The complete piggery management program for small to large commercial piggeries. Engineered to fill the gap between the manual card system and other programs. PigPP is best used by the producer himself so information can be quickly processed and evaluated against existing benchmarks.

**Uses**
- Intensive livestock,
- Disease/Health/Welfare,
- Recordkeeping

**Price**
- Purchase End User License
- $495

Company: Yorke Systems
Web: http://pigpp.yorkesy stems.com.au
Email: sales@yorkesystems.com.au
08 8837 8488
Australia

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**Pipe Reader**

The NLIS Pipe Reader is a personalised NLIS compatible reader designed to be practical, light, strong, affordable and easy to use.

**Uses**
- Grazing Animals, Legislative compliance, Recordkeeping

**Price**
- Purchase End User License
- $495

Company: Harrington Systems Electronics
Web: www.harringtonsystems.com.au
Email: support@harrington systems.com.au
07 4741 8531
Australia

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**PIRI: Pesticide Impact Rating Index**

A pesticide risk indicator for water quality. It provides a screening level (Tier 1) risk assessment for off-site migration of pesticides from farms to nearby waterways by taking into account the site conditions, soil and environmental conditions.

**Uses**
- Water, Risk, Agri-Chemicals

**Price**
- Purchase End User License
- $495

Company: CSIRO
Web: www.csiro.au
Email: Rai.Kookana@csiro.au
08 8303 8450
Australia
**Piscatus 3D**
Seabed mapping software.
Uses: Mapping, GIS, GPS
Company: Geraldton Marine Electronics
Web: www.geraldtonmarine.modnet.com.au
Email: geraldtonmarine@odnet.com.au
08 9965 0306
Australia

**Pocket PAM**
Designed to run on a Palm or Pocket PC – enter crop diary, rainfall, GP diary, livestock, inventory, field recommendations and GPS Scout then synchronize the records with any of the PAM suite of software.
Uses: Recordkeeping
Price: Purchase End User License
$440
Company: Fairport Farm Software
Web: www.fairport.com.au
Email: sales@fairport.com.au
08 9367 5814
Australia

**PlanIT**
A simple to use field management package. Comprised of several different components, including planning, farm mapping, history records and reports. PlanIT can export and import treatment plans to the Saturn.
Uses: Mapping, GIS, GPS, Land-use, Resource, Business Management Solutions
Company: Rinex Technology
Web: www.rinex.com.au
Email: sales@rinex.com.au
08 9474 4771
Australia

**Plant Assessor**
A do-it-yourself risk assessment program that makes complying with OHS state legislation easy.
Uses: Legislative compliance, Quality Assurance/Risk
Company: Online Safety Systems
Web: www.assessor.com.au
Email: pdean@assessor.com.au
1300 728 852
Australia

**Potassium In Agricultural Systems Model (KASM)**
A soil-crop model that allows users to assess short and long term potassium (K) nutrition of agricultural production systems.
Uses: Soils/Fertilisers
Company: Department of Agriculture and Food (WA)
Web: www.agric.wa.gov.au
Email: bbowden@agric.wa.gov.au
08 9690 2000
Australia

**Pocket PAM**
Designed to run on a Palm or Pocket PC – enter crop diary, rainfall, GP diary, livestock, inventory, field recommendations and GPS Scout then synchronize the records with any of the PAM suite of software.
Uses: Recordkeeping
Price: Purchase End User License
$440
Company: Fairport Farm Software
Web: www.fairport.com.au
Email: sales@fairport.com.au
08 9367 5814
Australia

**Porcitech**
Dedicated to administration and management of the sow breeding farm and growing farm.
Uses: Intensive livestock, Business or Farm Planning
Company: Agritec Software
Web: www.agritecsoft.com/en/
Email: sales@agritecsoft.com
+1 563 374 1300
Spain, Global

**Potato Profit Calculator**
Farmers wishing to know what their costs and returns are should include their information into the calculator to see how much profit they are able to generate with potatoes, from Elders.
Uses: Horticulture
Company: Elders Limited
Web: www.elders.com.au
Email: sally.mactaggart@elders.com.au
07 3227 8185
Australia

**Position Statement**
Provides a summary of physical production and an estimated valuation of the next wool clip. The summary also outlines the hedge contracts that are in place and the amount of wool hedged. The model conducts a "what if" scenario analysis.
Uses: Grazing Animals, Modelling, Simulations, Land-use, Resource planning, Business or Farm Planning
Price: Free
Company: The Mackinnon Project, Univ of Melb School of Veterinary Science
Web: www.mackinnonproject.com.au
Email: mackinnon-info@unimelb.edu.au
03 9731 2225
Australia

**Potato & Onion Management System**
Easy to use recording of all chemical, fertiliser labour, machinery and irrigation costs. Produces easy to read instruction sheets. Fully QA compliant spray diary reports. Tracks all details down to patch/pivot and variety level. Integrates with out packing program so you know how each pivot packs out.
Uses: Horticulture, Recordkeeping
Price: Purchase End User License
POA
Company: GrowData Developments
Web: www.growdata.com.au
Email: support@growdata.com.au
03 5831 1711
Australia

**Plantation Information Network**
A website that provides comprehensive information on which land is suitable for commercial timber plantations in Australia. You can find the latest information, get maps for your regions and make your own map.
Uses: Plant Industries
Price: Free
Company: Bureau of Rural Sciences (DAFF)
Web: www.brs.gov.au/plantations/
Email: npi.info@brs.gov.au
02 6391 3216
Australia

**Potato Profit Calculator**
Farmers wishing to know what their costs and returns are should include their information into the calculator to see how much profit they are able to generate with potatoes, from Elders.
Uses: Horticulture
Company: Elders Limited
Web: www.elders.com.au
Email: sally.mactaggart@elders.com.au
07 3227 8185
Australia
Potential Yield Calculator (PYCAL)
To estimate stored soil water at the start of the growing season or at planting. To forecast potential yield for a range of cereal, legume and oilseed crops as the season progresses and calculate potential yield at end of season.

Uses: Cropping, Modelling, Simulations, Land-use, Resource planning, Business of Farm Planning
Price: TBA

Company: Department of Agriculture and Food (WA)
Web: www.agric.wa.gov.au
Email: mfairbanks@agric.wa.gov.au

Probe for Windows
Calculate the amount of water the crop is using, and determine when irrigations are required.

Uses: Cropping, Irrigation, Dams, Water, Recordkeeping
Price: Outright Purchase

Company: Research Services New England
Web: www.rsne.com.au
Email: support@rsne.com.au

PrawnProfit
Evaluate an prawn aquaculture project using economic models that represent a steady state farm, to look at the impacts of changing any part of the production cycle (feed, stocking density, production time, harvesting methods, marketing etc.). Based on a cost/benefit approach using discounted cash flow.

Uses: Aquaculture, Fisheries, Business or Farm Planning
Price: Outright Purchase

Company: Department of Primary Industries & Fisheries (QLD)
Web: www.dpi.qld.gov.au
Email: bill.johnston@dpi.qld.gov.au

Processing Assist
Has been used successfully for the past several years with two of Tasmanians biggest salmon and trout and wild fishery sea food processing factories. The system talks to several devices such electronic scales and mobile hand held devices.

Uses: Aquaculture, Fisheries, Business or Farm Planning
Price: Subscription

Company: Aqua Assist
Web: www.aquaassist.com/process.html
Email: rob@aquaassist.com

PrimeNotes CD-ROM
Produced from the research and development of 15 respected government agencies and non-profit information organizations Australia-wide, PrimeNotes has approx. 5000 fact sheets for primary industries and natural resource management. A new version is produced annually.

Uses: Business or Farm Planning
Price: Purchase End User License

Company: Department of Primary Industries & Fisheries (QLD)

ProducePak Mobile Packhouse Management
Allows your staff to perform data entry from anywhere on your site, making recording of stock, pallets, quality assurance, and pallet dispatch convenient and fast from anywhere at you packing facility.

Uses: Horticulture, Quality Assurance, Supply Chain
Company: ProducePak
Web: www.producepak.com
Email: info@producepak.com

ProducePak Farm Management
Discover how to reduce farm operational expenses and improve reporting and staff management for production of fruit and vegetables. Enhances farm and production efficiency.

Uses: Horticulture, Business Intelligence, Farm Planning

Company: ProducePak
Web: www.producepak.com
Email: info@producepak.com

Production Scheduling and Control
The system allows planners to forecast, schedule and control production enterprise-wide, with orders and production being allocated via the network to each processing site. The on-site planners then use the system to fine tune the detailed production for that day (and following days).

Uses: Processing, Transport, Plant, Equipment, Inventory
Price: Purchase End User License

Company: Cedar Creek Company Pty Ltd
Web: www.cedarcc.com.au
Email: salesenquiries@cedarcc.com.au
**ProKollect**
Animal information collection software program that can be installed on Windows desktop, laptop and Pocket PCs. Records unlimited number of activities and traits. Manual or automatic drafting using any data collected, voice prompts, compatible with scales, NLIS tag readers, bar codes scanners.

- **Uses**: Grazing Animals
- **Price**: Purchase End User License $400
- **Company**: Livestock Recording
- **Web**: http://livestockrecording.com
- **Email**: info@livestockrecording.com.au 02 6775 0038

**Property Planning Program**
Property planning program.

- **Uses**: Land-use/Resource planning
- **Price**: Subscription POA
- **Company**: Range Media
- **Web**: mail@rangemedia.com.au 07 4639 3176

**PSV0100 Woylie Fence Monitoring Software**
A purpose built electric fence monitoring system that bundled with Pakton’s range of electric fence monitors provides an around the clock digital guard to any important electrified enclosure.

- **Uses**: Plant, Equipment, Inventory
- **Company**: Pakton Technologies
- **Email**: sales@pakton.com.au 07 3888 3793

**Pump cost and tariff comparisons**
Simple calculator developed for the Queensland Rural Water Use Efficiency Initiative. Compares electricity pumping costs on tariff 62, 65 and 66 with equivalent diesel pumping costs.

- **Uses**: Irrigation, Dams, Water
- **Company**: National Centre for Engineering in Agriculture, USQ
- **Web**: www.ncea.org.au
- **Email**: raine@usq.edu.au 07 4631 1691

**PUMPS**
Used to evaluate the long term benefits and costs of installing pumps on farm to reclaim saline seeps. PUMPS allows analysis of conventional, airlift and solar pumping systems.

- **Uses**: Modelling, Simulations, Land-use, Resource planning
- **Price**: Free
- **Company**: Department of Agriculture and Food (WA)
- **Web**: www.agric.wa.gov.au
- **Email**: praper@agric.wa.gov.au 08 9780 6255

**QA Logbook**
QA and farm management incorporating NLIS tag reconciliation, studbook, breeding and carcass traits, chemical register and cropping.

- **Uses**: Grazing Animals, Breeding, Genetics, Disease/Health/Welfare, Quality Assurance/Risk
- **Price**: Purchase End User License $548
- **Company**: WilBase
- **Email**: admin@wilbase.com.au 07 4697 6577

**Quality e-book**
Quality management is a crucial foundation of business survival and success in the 21st century. This e-book provides a good introduction to the subject, including basic concepts, methods of establishing and maintaining your own quality management system.

- **Uses**: Quality Assurance/Risk
- **Price**: Free
- **Company**: Qudos Management
- **Web**: www.qudos-software.com
- **Email**: sales@qudos-software.com 07 3886 3344

**Quality Manager Toolkit**
Award-winning, comprehensive toolkit for developing a quality management system to meet ISO 9001 and more. Includes extensive guidance and sample documents.

- **Uses**: Quality Assurance/Risk
- **Price**: Purchase End User License $599
- **Company**: Qudos Management
- **Web**: www.qudos-software.com
- **Email**: sales@qudos-software.com 07 3886 3344

**Quarantine Significance Model (QUASIMODO)**
Exotic plant pest/disease outbreak simulation using base case of no government intervention. Expected damage estimate produced by the model.

**QAAIS**
Beef QA and accreditation infrastructure system. Whole-of-life production recording incorporating whole of supply chain QA, recording system, accreditation, audit procedures and standards.

- **Uses**: Grazing Animals, Quality Assurance/Risk
- **Company**: UNE: Agricultural Business Research Institute (ABRI)
- **Web**: http://abri.une.edu.au
- **Email**: office@abri.une.edu.au 02 6773 3555

**Quality Manager Toolkit**
Award-winning, comprehensive toolkit for developing a quality management system to meet ISO 9001 and more. Includes extensive guidance and sample documents.

- **Uses**: Quality Assurance/Risk
- **Price**: Purchase End User License $599
- **Company**: Qudos Management
- **Web**: www.qudos-software.com
- **Email**: sales@qudos-software.com 07 3886 3344

**Quarantine Significance Model (QUASIMODO)**
Exotic plant pest/disease outbreak simulation using base case of no government intervention. Expected damage estimate produced by the model.
provides a ceiling for eradication/control strategies in the event of a real incursion.

Uses: Modelling, Simulations, Pests, Weeds, Quality Assurance/Risk

Company: Department of Agriculture and Food (WA)

Web: www.agric.wa.gov.au

Email: remery@agric.wa.gov.au

08 9368 3247

Australia

Qudos Risk Assessor

Budget risk assessment database that will help you log hazards, assess the risk they pose, and plan control measures in a very effective and efficient manner. With its additional training material, Risk Assessor will help you smoothly introduce a risk-based, decision-making process into your business.

Uses: Quality Assurance/Risk

Price: Purchase End User License $149

Company: Qudos Management

Web: www.qudos-software.com

Email: sales@qudos-software.com

07 3886 3344

Australia

Qudos System 2

Professional – yet low-cost – solution for an efficient and effective compliance and risk management system. May be used for OHS, food safety, environment, quality and other issues.

Uses: Quality Assurance/Risk

Price: Purchase End User License $990

Company: Qudos Management

Web: www.qudos-software.com

Email: sales@qudos-software.com

07 3886 3344

Australia

Qudos System 3

The ultimate solution for an efficient and effective compliance and risk management system. May be used for OHS, food safety, environment, quality and other issues. Web-based application with unrivalled capability and extensive sample documents and support material.

Uses: Quality Assurance/Risk

Price: Purchase End User License $5,500

Company: Qudos Management

Web: www.qudos-software.com

Email: sales@qudos-software.com

07 3886 3344

Australia

QuickBooks Accounting 2006/07

Accounting software for small businesses, so you can invoice, pay bills and track expenses. Import your bank statements to save time and reduce data entry.

Uses: Bookkeeping, Accounting

Company: Quicken

Web: www.quicken.com.au

Email: marketing@quicken.com.au

1300 784 253

Australia

QuickBooks EasyStart 2006/07

Simple bookkeeping for new and home-based businesses. Designed for first-time users of accounting software. EasyStart makes it easy to get started with simple, practical tools to manage essential business tasks.

Uses: Bookkeeping, Accounting

Company: Quicken

Web: www.quicken.com.au

Email: marketing@quicken.com.au

1300 784 253

Australia

QuickBooks Enterprise 2006/07

Includes advanced features for enterprise businesses, such as multi-site and multi-company reporting, 10 user licences, increased capacity and the ability to create a personalised business plan.

Uses: Bookkeeping, Accounting

Company: Quicken

Web: www.quicken.com.au

Email: marketing@quicken.com.au

1300 784 253

Australia

QuickBooks Plus 2006/07

Includes inventory tracking, comprehensive payroll management, an integrated BAS and online banking features.

Uses: Bookkeeping, Accounting

Company: Quicken

Web: www.quicken.com.au

Email: marketing@quicken.com.au

1300 784 253

Australia

QuickBooks Premier 2006/07

The multi-user solution - QuickBooks Premier is for 2 to 5 users, and has industry-specific versions tailored to your needs. Includes inventory tracking, time billing, payroll management, integration with Microsoft Office and multicurrency.

Uses: Bookkeeping, Accounting

Company: Quicken

Web: www.quicken.com.au

Email: marketing@quicken.com.au

1300 784 253

Australia

QuickBooks Pro 2006/07

Includes all the basic accounting functionality and adds advanced productivity tools including integration to Microsoft Office and estimates, quotes and job costing.

Uses: Bookkeeping, Accounting

Company: Quicken

Web: www.quicken.com.au
QuickData
System which allows you to work onsite on the farm using a PDA.

Uses
Recordkeeping

Company
Agritec Software

Web
www.agritecsoft.com/en/

Email
sales@agritecsoft.com
+1 563 374 1300
Spain, Global

Quicken Home and Business 2005/06
Home and Business helps you take care of business cash flow, home finances and investments. Track income and expenses, business tax liabilities and generate standard business reports such as BAS, profit and loss statements whilst planning for your future.

Uses
Bookkeeping, Accounting

Company
Quicken

Web
www.quicken.com.au

Email
marketing@quicken.com.au
1300 784 253
Australia

Rabbit Central
A simple database system designed to maintain, edit and report daily management, performance and financial records. Rabbit Central is specifically designed to meet the needs of commercial rabbit producers. There is also a hand held computer option for in shed recording.

Uses
Intensive livestock, Breeding, Genetics, Recordkeeping

Price
Purchase End User License $275

Company
Growtec

Web
www.growtec.com.au

Email
info@growtec.com.au
0428 794 545
Australia

RaceMATE
A low cost system for small herds. It covers all essentials of NLIS recording and produces some key management reports. RaceMATE comes in 2 versions to cover all sectors of the market. RaceMATE lite and RaceMATE Commercial.

Uses
Grazing Animals, Disease/Health/Welfare, General Office Software

Price
Purchase End User License POA

Company
Saltbush Agricultural Software

Web
http://saltbush.une.edu.au

Email
conrad@saltbush.une.edu.au
1800 111 637
Australia

Rainman StreamFlow 4.3
Rainfall information for better management, monthly and daily historical rainfall data for 3800 locations in Australia, analysis as table, graphs, map for seasonal climate forecasting using Southern Oscillation Index; interactive version of "Will it Rain" book with animations.

Uses
Modelling, Simulations, Weather, Climate, Rainfall

Price
Outright Purchase $125(Std) /$450(pro)

Company
Department of Primary Industries & Fisheries (QLD)

Web

Email
ian.partridge@dpi.qld.gov.au
07 4688 1375
Australia

RaiTank2
To determine optimum roof area and tank size for rainwater collection to meet nominated demand and reliability of supply.

Uses
Irrigation, Dams, Water

Company
Department of Agriculture and Food (WA)

Web
www.agric.wa.gov.au

Email
ncoles@agric.wa.gov.au
08 9368 3617
Australia

Rainfall Reliability Wizard
For rapid spatial assessments of rainfall reliability. It employs conditional statistical methods to analyse rainfall reliability using over 100 years of gridded monthly rainfall data across Australia.

Uses
Weather, Climate, Rainfall

Price
Free

Company
Bureau of Rural Sciences (DAFF)

Web

Email
greg.laughlin@brs.gov.au
02 6272 3347
Australia

Rambutan Pest Monitoring
The insect identification and monitoring kit produced from this project has three component which are complimentary. These include; 1. The Poster 2. The Book 3. The Monitoring Software.

Uses
Pests, Weeds

Company
Department of Primary Industries & Fisheries (QLD)

Web
www.dpi.qld.gov.au

Email
david.astridge@dpi.qld.gov.au
07 4064 1160
Australia

RAMPOWER 2000
Genetic evaluation software for producing breeding values and selection indexes.

Uses
Grazing Animals, Business or Farm Planning

Price
TBA

Company
Department of Primary Industries & Fisheries (QLD)
Redclaw Profit
Evaluate a redclaw aquaculture project using economic models that represent a steady state farm, to look at the impacts of changing any part of the production cycle (feed, stocking density, production time harvesting methods, marketing etc.). Based on a cost/benefit approach using discounted cash flow.

**Uses** Aquaculture, Fisheries, Business or Farm Planning

**Price** Outright Purchase $220

**Company** Rural Solutions SA

**Web** www.ruralsolutions.sa.gov.au

**Email** cook.bridget@saugov.sa.gov.au

08 8755 3166 Australia

Resistance and Integrated Management Model
Allows the evaluation of different weed management technologies over a 10 or 20 year sequence of crops and pastures. Through selecting different treatments you can observe the impact of weed numbers and $/hectare returns over time. Simulation model.

**Uses** Modelling, Simulations, Pests, Weeds

**Company** University of WA

**Web** www.plants.uwa.edu.au

**Email** rbl@plants.uwa.edu.au

08 6488 7870 Australia

Risk Profiler
Analyses the producer's risk profile and then helps determine if the clip should be hedged.

**Uses** Sheep, Farm Planning

**Price** Free

**Company** The Mackinnon Project, Univ of Melb School of Veterinary Science

**Web** www.mackinnonproject.com.au

**Email** mackinnon-info@unimelb.edu.au

03 9731 2225 Australia

Risk Ranger
A simple food safety risk calculation tool intended as an aid to determining relative risks from different product, pathogen and processing combinations. It is a simple and quick generic but robust model.

**Uses** Modelling, Simulations, Disease/Health/Welfare, Quality Assurance/Risk

**Company** CSIRO

**Web** www.csiro.au

**Email** Cathy.Moir@csiro.au

02 9490 8579 Australia

RiskSafe7
This product is ideal for regulatory standards such as OSHA, ANSI, RIA, ISO.

**Uses** Legislative compliance, WHS

**Company** Dyadem

**Web** www.dyadem.com

**Email** sales@dyadem.com

+1 905 762 4492 USA
Risky Business
A fun way to learn about managing risks in farming. Farmers experience the highs and lows of climate and markets. There is an increasing array of options to manage their land with annual and perennial crops and pastures.

Uses: Cropping, QA and Risk
Company: Department of Agriculture and Food (WA)
Web: www.agric.wa.gov.au
Email: aabadi@agric.wa.gov.au
0427 477 018
Australia

Rotation
Unique use of an active paddock and herd simulation model rather than the static global feed budget. Sets out the best grazing rotation and feeding plan for livestock.

Uses: Grazing Animals, Modelling, Simulations
Company: FarmNet
Web: www.grazingrotation.co.nz
Email: rotation@farm.net.nz
+64 6 359 4161
New Zealand

Rotator Software Suite
A software program to analyse the theoretical uniformity of a permanent or solid set sprinkler spacing. Software allows you to graphically depict and chart theoretical performance for comparative purposes, allows you to analyse friction losses based varying pipe sizes, sprinkler spacings and slopes.

Uses: Horticulture, Modelling, Simulations
Price: Purchase End User License POA
Company: Nelson Irrigation Corp of Australia
Web: www.nelsonirrigation.com.au
Email: info@nelsonirrigation.com.au
07 3715 8555
USA

Safety Manager
Comprehensive toolkit for developing an OHS management system to meet AS 4801, OHSAS 18001, and more. Includes extensive guidance, planning tools, sample documents, and risk assessment database.

Uses: HR, Payroll, OHS, WHS
Price: Purchase End User License $599
Company: Qudos Management
Web: www.qudos-software.com
Email: sales@qudos-software.com
07 3886 3344
Australia

Sales & Export Trading
Provides for the generation of costing, contract, production orders and shipping documentation associated with sales and exporting products. Generates financial transactions associated with contracts and allows for the processing of these transactions to the companies principle financial system.

Uses: Export/Trading, Plant, Equipment, Inventory
Price: Purchase End User License POA
Company: Cedar Creek Company Pty Ltd
Web: www.cedarcc.com.au
Email: salesenquiries@cedarcc.com.au
07 3356 0999
Australia

Salmon Assist Software
Designed for cage based fish farms and can be used on many other types of fin fish such as barramundi, yellow tail kingfish and many more. It has been in use with one of the top salmon companies in Tasmania for many years.

Uses: Aquaculture, Fisheries, Business or Farm Planning
Price: Subscription $500
Company: Aqua Assist
Web: www.aquaassist.com/salmon.html
Email: rob@aquaassist.com
03 6248 4483
Australia

Saturn HL
The Saturn HL is a dedicated guidance system with simple operation its focus. The Saturn HL automatically computes paddock areas, has an on board virtual memory to allow suspending up to 9 separate paddocks and is completely upgradeable to the more powerful Saturn HT or Saturn HR.

Uses: Cropping, Mapping, GIS, GPS
Price: Outright Purchase POA
Company: Rinex Technology
Web: www.rinex.com.au
Email: sales@rinex.com.au
08 9474 4771
Australia

Saturn HR
The Saturn HR sets the benchmark for guidance systems and is the choice of professionals for fast, simple and accurate data management. Incorporating features such as parallel, lock and replay guidance, combined with FieldNET, AutoFIELD, AutoSPRAY & AutoSTEER, QA management has never been easier.

Uses: Cropping, Mapping, GIS, GPS
Price: Outright Purchase POA
Company: Rinex Technology
Web: www.rinex.com.au
Email: sales@rinex.com.au
08 9474 4771
Australia

Saturn HT
The Saturn HT is a complete guidance system. Using the large colour touchscreen users can enjoy features such as AutoSTEER, AutoSPRAY, moving map display and the Virtual Road. In 2007 the Saturn
HT became even more powerful with the addition of CANBus, RePLAY guidance and FieldNET.

**Uses**
- Cropping, Mapping, GIS, GPS

**Price**
- Outright Purchase
- POA

**Company**
- Rinex Technology
**Web**
- www.rinex.com.au
**Email**
- sales@rinex.com.au
- 08 9474 4771
- Australia

**Scan pack System**

Electronically receives order, automatically creates an order; provides shipping instruction and distribution transaction; print pick list and the ability to scan against the list; produces serial shipping container code (SSCC) compliant labels; verifies and prints distribution documents; creates ASN and electronically send.

**Uses**
- Supply Chain, Plant, Equipment, Inventory

**Price**
- Purchase End User License
- POA

**Company**
- Cedar Creek Company Pty Ltd
**Web**
- www.cedarcc.com.au
**Email**
- salesenquiries@cedarcc.com.au
- 07 3356 0999
- Australia

**Seafood EMS CD**

An interactive program to help you to set goals for the environment, food safety and quality, OHS, profitability and community relations-and integrate them into your day-to-day business activities.

**Uses**
- Aquaculture, Fisheries, Quality Assurance/Risk

**Company**
- Seafood Services Australia
**Web**
- www.seafoodservices.com.au
**Email**
- tedloveday@seafoodservices.com.au
- 1300 130 321
- Australia

**Sell or Feed Analysis Tool**

This program was developed to allocate animals into their most appropriate “meat” or “wool” groups according to individual information on the animals (e.g. fibre diameter (FD), body weight (BW) and/or fleece weight (FW)).

**Uses**
- Grazing Animals, Breeding, Genetics, Business or Farm Planning

**Price**
- Free

**Company**
- CRC: Sheep
**Web**
- www.sheepcrc.org.au/software
**Email**
- jessica.richards@dpi.nsw.gov.au
- 02 6391 3871
- Australia

**Serial Timer**

Use to easily communicate with external appliances on an RS232 connection. Serial Timer has powerful features similar to the timer software that works with all types of serial ports, including USB adaptors, wireless device servers or any virtual port.

**Uses**
- Plant Industries, Irrigation, Dams, Water

**Price**
- Shareware
- $66

**Company**
- Hot Time Software
**Web**
- www.hottimesoftware.com
**Email**
- info@hottimesoftware.com
- 07 4783 4060
- Australia

**Select Your Nitrogen (SYN)**

A quantitative expert system to address soil nitrogen issues and their effects on yield, quality and dollars in broadscale cropping systems.

**Uses**
- Cropping, Soils/Fertilisers

**Company**
- Department of Agriculture and Food (WA)
**Web**
- www.agric.wa.gov.au
**Email**
- bbowden@agric.wa.gov.au
- 08 9690 2000
- Australia

**Selection Assist**

This software was developed to enable advisors or classifiers to help producers decide on a breeding direction, which is applicable to their flock. It provides information to compare likely outcomes of various breeding objectives.

**Uses**
- Grazing Animals, Breeding, Genetics, Business or Farm Planning

**Price**
- Free

**Company**
- CRC: Sheep
**Web**
- www.sheepcrc.org.au/software
**Email**
- jessica.richards@dpi.nsw.gov.au
- 02 6391 3871
- Australia

**SHE Software**

This software manages your businesses OHS and risk recording, analysing, reporting and monitoring requirements.

**Uses**
- HR, Payroll, OHS, WHS

**Company**
- Australian Workplace Software
**Web**
- www.aws.com.au
**Email**
- info@aws.com.au
- 02 8394 7999
- Australia

**Seeding & Tillage CD**

Assistance for those in the market for new or used sowing and tillage machinery to make the best purchasing decision for their farming business.
Sheep & Wool Gross Margin Template
This spreadsheet is based on a self replacing sheep flock. The gross margin also includes sensitivity analysis on key variables.

Uses  Grazing Animals
Company  Mindshop Agribusiness
Email  rcummings@mindshop.com.au
0414 929 585
Australia

SILO Cotton Day Degree Calculator
The Day Degree report is a weather report for cotton growers in Australia. It is based on the PPD (Patched Point Dataset) from Bureau of Meteorology Queensland Department of Natural Resources. It calculates day degree accumulation for a particular climate station, and compares with historical values.

Uses  Cropping, Weather, Climate, Rainfall
Price  Free
Company  CSIRO
Email  CottonLOGIC@mv.pi.csiro.au
02 6799 1500
Australia

Silo Volume Calculator
Calculates how many tonnes of various products your silo can hold.

Uses  Cropping
Company  Modern Engineering and Construction
Web  www.kotzur.com
Email  andrew@kotzur.com
02 6029 4700
Australia

Simple Farm Budget Template
Allows for the calculation of both cash flow and net profit. Will calculate overdraft interest and credit interest on overdraft funds automatically.

Uses  Bookkeeping, Accounting
Company  Mindshop Agribusiness
Email  rcummings@mindshop.com.au
0414 929 585
Australia

Simulated Transitional Economic Planning (STEP) Decision Tool
A whole farm model designed to help users simulate the financial implications of changing a farming system. Comparisons can be made between systems and can simulate the financial consequences of moving through the transition.

Uses  Modelling, Simulations, Business or Farm Planning
Company  Department of Agriculture and Food (WA)
Web  www.agric.wa.gov.au
Email  cpeek@agric.wa.gov.au
08 9956 8519
Australia

Simultaneous Assortment
This program was developed to allocate animals into their most appropriate "meat" or "wool" groups according to individual information on the animals (eg. fibre diameter (FD), body weight (BW) and/or fleece weight (FW)).

Uses  Grazing Animals, Breeding, Genetics, Business or Farm Planning
Price  Free
Company  CRC: Sheep
Web  www.sheepcrc.org.au/software
Email  jessica.richards@dpi.nsw.gov.au
02 6391 3871
Australia

Siphon Flow Calculator
Assists in the effective implementation of siphons, and especially to help avoid them breaking down, provides guidelines for siphon installation and testing.

Uses  Modelling, Simulations, Land-use, Resource planning
Price  Free
Company  Department of Agriculture and Food (WA)
Web  www.agric.wa.gov.au
Email  praper@agric.wa.gov.au
08 9368 3333
Australia
**SMARTS-Pro**
Experience increased workplace safety, cost savings and ultimately peace of mind by having an effective safety management system. SMARTS-Pro® is an affordable, user-friendly, simple and fully customisable "tool" that will assist you.

**Uses**
HR, Payroll, OHS, WHS

**Company**
SMARTsafe Solutions

**Web**
www.smartsafegroup.com

**Email**
mark@smartsafegroup.com
07 3371 3822

**SMS Advanced**
The next step up from SMS Basic, this powerful GIS package is for all cropping industries. Additional features mean this software is ideal for consultants with multiple clients, or farmers wanting multiple year analysis, profit and loss maps, creating zones, topography analysis and more.

**Uses**
Cropping, Mapping, GIS, GPS

**Price**
Purchase End User License
$3,000

**Company**
gps-Ag

**Web**
www.gps-ag.com.au

**Email**
ecay@gps-ag.com.au
1800 211 884
USA

**SoFT: Selection of Forages for the Tropics**
A powerful tool for selecting forage species suitable for local conditions in the tropics and subtropics. It is invaluable for agricultural researchers and extension officers involved in improving animal production.

**Uses**
Grazing Animals

**Price**
Free

**Company**
CSIRO

**Web**
www.tropicalforages.info

**Email**
stuart.brown@csiro.au
07 3214 2343
Australia

**Soil Cone Penetrometer**
Can import the data from penetrometers or the readings can be entered manually. The values can be plotted as profile graphs or as a map.

**Uses**
Cropping, Business Intelligence, Soils/Fertilisers, Recordkeeping

**Price**
Outright Purchase
$495

**Company**
Research Services New England

**Web**
www.rsne.com.au

**Email**
support@rsne.com.au
02 9810 3563
Australia

**Soil File**
Soil sampling information stored in each file includes location, grid reference. This is currently DOS only.

**Uses**
General Office Software

**Price**
Outright Purchase
$50

**Company**
ArComPro

**Web**

**Email**
arcompro@nnsw.com.au
02 6721 1032
Australia

**SoilMate**
A nutrient management decision support system for interpretation of soil and plant tissue analysis used by fertiliser and rural merchandise companies across Australia. An integrated web database for development and storage interpretation criteria and product information, choice of three analytical laboratories.

**Uses**
Plant Industries, Modelling, Simulations, Soils/Fertilisers

**Price**
Purchase End User License
POA

**Company**
Nutrient Management Systems

**Web**
www.nutrientms.com.au

**Email**
soilmate@nutrientms.com.au
1800 557 166
Australia

**Specification and Labelling Control**
The system provides enterprise-wide centralised control of all products and label specification attributes; automated specification dissemination to all sites and systems with full audit facilities; QA procedures and controls for all product and label specification; GS1 standard barcode specialists.

**Uses**
Plant, Equipment, Inventory

**Price**
Purchase End User License
POA

**Company**
Cedar Creek Company Pty Ltd

**Web**
www.cedarcc.com.au

**Email**
salesenquiries@cedarcc.com.au
07 3356 0999
Australia

**SPLAT**
To choose wheat cultivar and nitrogen rate within the context of seasonal variation.

**Uses**
Cropping

**Company**
Department of Agriculture and Food (WA)

**Web**
www.agric.wa.gov.au

**Email**
bbowden@agric.wa.gov.au
08 9690 2000
Australia

**SPRAYeasy: Chemical Application Software for Vineyards**
A simple software program designed to produce vineyard spray diaries and job sheets. A free demo is available.

**Uses**
Pests, Weeds, Recordkeeping

**Price**
Purchase End User License
$396 ($360 exc GST)
StarFire RTK
Designing to work with the proven StarFire™ receiver and AutoTrac, StarFire™ RTK (Real Time Kinematic) provides your operation with an accurate and repeatable guidance solution day after day, month after month, year after year.

StockPlan
A suite of computer decision support tools that enables sheep producers to explore options during a drought and to make informative and timely decisions before the onset of a full-blown drought.

Stocktake
A paddock-scale land condition monitoring and management package. It has been developed to provide grazing land managers with a practical, systematic way to assess land condition and long-term carrying capacity and calculate short-term forage budgets.

Storing Dollars
This double CD produced by the Department of Primary Industries & Fisheries ( DPI & F ) is an economic decision making tool that allows producers to evaluate the costs and benefits of on farm grain storage for their business.

Suburban and Environmental Weeds
A CD product for the identification of suburban and environmental weeds in southeast Queensland, based on the Lucid key system.

SuperKool
A software tool to use on farm for data collection and management. SuperKool also includes an online service for reporting, analysis, security and support. Sapien Technology provides a comprehensive service for management and analysis of your data to improve your herd.
Swagman-Destiny
Simulates the interaction of climate, soil, crop, salt, surface water and groundwater at a point in the paddock. It divides the soil profile into layers to determine salt and water changes over time.

Uses: Cropping
Company: CSIRO
Web: www.csiro.au
Email: jason.carroll@csiro.au
02 6933 2989
Australia

SWIM v2
A mechanistically based model that can be used to analyse a range of soil water and solute balance issues associated with both production and the environmental consequences of production. It is also available as a module in APSIM.

Uses: Modelling, Simulations
Price: Purchase End User License
POA
Company: CSIRO
Web: www.clw.csiro.au/products/
Email: keith.bristow@csiro.au
07 4753 8596
Australia

Sweet Potato
A Lucid key product (CD and Internet) for diagnosing over 80 pest, disease and nutritional disorders of sweet potatoes.

Uses: Pests, Weeds
Company: CBIT: Centre for Biological Information Technology
Web: http://cbit.uq.edu.au
Email: enquiries@cbit.uq.edu.au
07 3365 1111
Australia

Tablegrape Arkive
Software program that maintains all records over successive seasons and incorporates HACCP reporting formats. Records include spray diary, block records, irrigation, labour, equipment, fertiliser, harvesting etc. costs per tonne etc.

Uses: Horticulture, Supply Chain, Recordkeeping
Price: Outright Purchase
$440-$704
Company: Arkive Software
Web: www.arkive.com.au
Email: info@arkive.com.au
03 5729 7605
Australia

Tablet/Browser Based Quality Assurance Solution
InformationLeader is a regulator (AQIS) approved software system that replaces costly and ineffective paper-based record keeping systems and helps reduce the strain placed on organisations meeting regulatory and compliance requirements in food.

Uses: Legislative compliance, Quality Assurance/Risk
Company: Theta Technologies
Web: www.thetatechnologies.com.au
Email: davidl@thetatechnologies.com.au
0408 500 833
Australia

Sweet Potato
A Lucid key product (CD and Internet) for diagnosing over 80 pest, disease and nutritional disorders of sweet potatoes.

Uses: Pests, Weeds
Company: CBIT: Centre for Biological Information Technology
Web: http://cbit.uq.edu.au
Email: enquiries@cbit.uq.edu.au
07 3365 1111
Australia

Tablegrape Arkive
Software program that maintains all records over successive seasons and incorporates HACCP reporting formats. Records include spray diary, block records, irrigation, labour, equipment, fertiliser, harvesting etc. costs per tonne etc.

Uses: Horticulture, Supply Chain, Recordkeeping
Price: Outright Purchase
$440-$704
Company: Arkive Software
Web: www.arkive.com.au
Email: info@arkive.com.au
03 5729 7605
Australia

Tablet/Browser Based Quality Assurance Solution
InformationLeader is a regulator (AQIS) approved software system that replaces costly and ineffective paper-based record keeping systems and helps reduce the strain placed on organisations meeting regulatory and compliance requirements in food.

Uses: Legislative compliance, Quality Assurance/Risk
Company: Theta Technologies
Web: www.thetatechnologies.com.au
Email: davidl@thetatechnologies.com.au
0408 500 833
Australia

Swine File
Used to keep track of details on each animal including cross referencing to litters and sizes as well as an optional weight recording system. Includes a lineage trace, facilities to record all aspects of animal management. This is currently DOS only.

Uses: Intensive livestock, Breeding, Genetics, General Office Software
Price: Outright Purchase
$50
Company: ArComPro
Email: arcompro@nnsw.com.au
02 6721 1032
Australia

Tablegrape Arkive
Software program that maintains all records over successive seasons and incorporates HACCP reporting formats. Records include spray diary, block records, irrigation, labour, equipment, fertiliser, harvesting etc. costs per tonne etc.

Uses: Horticulture, Supply Chain, Recordkeeping
Price: Outright Purchase
$440-$704
Company: Arkive Software
Web: www.arkive.com.au
Email: info@arkive.com.au
03 5729 7605
Australia

Tablet/Browser Based Quality Assurance Solution
InformationLeader is a regulator (AQIS) approved software system that replaces costly and ineffective paper-based record keeping systems and helps reduce the strain placed on organisations meeting regulatory and compliance requirements in food.

Uses: Legislative compliance, Quality Assurance/Risk
Company: Theta Technologies
Web: www.thetatechnologies.com.au
Email: davidl@thetatechnologies.com.au
0408 500 833
Australia

Tablet/Browser Based Quality Assurance Solution
InformationLeader is a regulator (AQIS) approved software system that replaces costly and ineffective paper-based record keeping systems and helps reduce the strain placed on organisations meeting regulatory and compliance requirements in food.

Uses: Legislative compliance, Quality Assurance/Risk
Company: Theta Technologies
Web: www.thetatechnologies.com.au
Email: davidl@thetatechnologies.com.au
0408 500 833
Australia

Telesales and Local Distribution
Used for order taking and fulfilment where there are daily local sales and distribution requirements. Order entry; outbound telesales and call centre operation; pricing for small
customers to large chains; run management with simplified picking and loading; invoicing, through bulk verification and generation.

**Thorsys Production and Inventory Control System**
A complete system solution for food processing establishments, specialising in the meat industry.

- **Uses**: Animal Industries
- **Price**: Purchase End User License
- **Company**: Thorsys Australia
- **Web**: www.thorsys.com.au
- **Email**: tjfarrell@thorsys.com.au
- **Price**: POA
- **Country**: Australia

**TerraCom Viewer**
Free PC based software to view soil moisture for all sensors connected via a TerraCom DataNode or TerraCom RadioNode.

- **Uses**: Soils/Fertilisers, Business or Farm Planning
- **Company**: Agrilink Holdings
- **Web**: www.agrilink.net
- **Email**: enquiries@agrilink.net
- **Price**: POA
- **Country**: Australia

**TesioPower 7.0**
A software program and database of horses, designed to help upgrade pedigrees using Federico Tesio's proven linebreeding guidelines.

- **Uses**: Grazing Animals, Breeding, Genetics
- **Company**: Syntax Software
- **Web**: www.tesiopower.com
- **Email**: simon@tesiopower.com
- **Price**: POA
- **Country**: Australia

**Thorsys NLIS Mobile**
Combines the latest in handheld PC technology with the powerful "Next G" network to allow real-time updates and enquiries to the NLIS database.

- **Uses**: Grazing Animals, Legislative compliance, Recordkeeping
- **Price**: Purchase End User License
- **Company**: Thorsys Australia
- **Web**: www.thorsys.com.au
- **Email**: tjfarrell@thorsys.com.au
- **Price**: POA
- **Country**: Australia

**Tickit**
A comprehensive risk and compliance management software that is used by several leading organisations across Australia and New Zealand. The software complies with AS/NZS 4360, the Australian Standard for Risk Management.

- **Uses**: Quality Assurance/Risk
- **Company**: Tickit Systems
- **Web**: www.tickitsystems.com.au
- **Email**: tphilip@tickitsystems.com.au
- **Price**: POA
- **Country**: Australia

**Timer**
Timing software for home automation, to control irrigation, hydroponics, lights etc. This is a program that enables the PC to connect to the outside world, by using the printer port LPT1. Hardware can then be connected to the computer to control hydroponics, security, lights & gardening.

- **Uses**: Plant Industries, Irrigation, Dams, Water
- **Price**: Shareware
- **Company**: Hot Time Software
- **Web**: www.hottimesoftware.com
- **Email**: info@hottimesoftware.com
- **Price**: $55
- **Country**: Australia

**Thorsys Production and Inventory Control System**
A complete system solution for food processing establishments, specialising in the meat industry.

- **Uses**: Animal Industries
- **Price**: Purchase End User License
- **Company**: Thorsys Australia
- **Web**: www.thorsys.com.au
- **Email**: tjfarrell@thorsys.com.au
- **Price**: POA
- **Country**: Australia

**Timer (pulses in minutes)**
Same as Timer program with additional pulse timer in minutes on each output form. Has also master control on main form. Access to port 378 or LPT1 only. For commercial or industrial use.

- **Uses**: Plant Industries, Irrigation, Dams, Water
- **Price**: Shareware
- **Company**: Hot Time Software
- **Web**: www.hottimesoftware.com
- **Email**: info@hottimesoftware.com
- **Price**: $160
- **Country**: Australia

**Timer (pulses in seconds)**
Same as Timer program with additional pulse timer in seconds on each output form. Has also master control on main form. Access to port 378 or LPT1 only. For commercial or industrial use.

- **Uses**: Plant Industries, Irrigation, Dams, Water
- **Price**: Shareware
- **Company**: Hot Time Software
- **Web**: www.hottimesoftware.com
- **Email**: info@hottimesoftware.com
- **Price**: $160
- **Country**: Australia

**TIMERITE**
Can be used to find your farm's optimum spray date for the effective control of redlegged earth mites. The tool covers all areas of southern Australia within the known range of the mite's distribution.

- **Uses**: Pests, Weeds, Business Management Solutions
- **Price**: Free
- **Company**: Australian Wool Innovation
- **Price**: Free
- **Country**: Australia
TMQ C-Plot
Windows based charting plotting and navigation system. Operates with raster and vector charts. Can be used as a Tracking system by VHF Radio or satellite communications.
Uses: Aquaculture, Fisheries, Mapping, GIS, GPS
Company: TMQ Electronics
Web: www.tmq.com.au
Email: tmq@tmq.com.au
07 3890 7788
Australia

TopStud
A practical, flexible and easy to use computer program providing the means for collecting and analysing stud data to enable informed decisions to be made on your stud.
Uses: Animal Industries, Breeding, Genetics, Recordkeeping
Company: Topstud
Web: www.topstud.com.au
Email: mga@netconnect.com.au
03 5381 1866
Australia

TOPOG is a research tool.
Uses: Modelling, Simulations
Company: CSIRO
Web: www.csiro.au
Email: Richard.Silberstein@csiro.au
08 9333 6334
Australia

TradePalette
Unique web based portal assisting exporters, importers and traders to create freight documents and connect to Customs, AQIS and stevedores. All modules are integrated and share data to save time and reduce errors. Low upfront cost and tiered transactional pricing.
Uses: Export/Trading, Business Management Solutions
Price: Subscription
Company: CrimsonLogic Trade Australia Pty Ltd
Web: http://agribusiness.tradepalette.com
Email: customer@crimsonlogic.com.au
03 9832 0810
Australia

TravGun
For the performance evaluation, visualisation and optimisation of travelling gun irrigators. It simulates a specified layout to determine application distribution under varying wind conditions. Calibration of spray patterns and wind distortion behaviour is achieved using simple catch can transects.
Uses: Modelling, Simulations, Irrigation, Dams, Water
Company: National Centre for Engineering in Agriculture, USQ
Web: www.ncea.org.au
Email: raine@usq.edu.au
07 4631 1691
Australia

TridentGLOBAL
As specialists in international trade, Trident have developed a unique solution over many years which caters to all industry types and allows companies to automate and manage the complexity of their global trade, compliance and logistics processes.
Uses: Export/Trading, Business Management Solutions
Price: Purchase End User License POA
Company: TridentGLOBAL
Web: www.tridentglobal.com.au
Email: info@tridentglobal.com.au
08 8273 0333
Australia

Tuna Assist
With 4 out of the top 6 tuna farms in Australia using Tuna Assist, this system offers a complete solution for database management of your tuna farm. Its greatest strengths are its traceability feed stock control, growth forecasting, and much more.
Uses: Aquaculture, Fisheries, Business or Farm Planning
Price: Subscription
$500
Company: Aqua Assist
Web: www.aquaassist.com/
tuna.html
Email: rob@aquaassist.com
03 6248 4483
Australia

Transweigh
Weighbridge management software.
Uses: Processing, Transport
Company: BEC Systems
Web: www.becsystems.com.au
Email: sales@becsystems.com.au
03 9386 6401
Australia

Topog
A terrain analysis-based hydrologic modelling package which describes how water moves through landscapes: over the land surface, into and through the soil, with salt, and back to the atmosphere via evaporation.

TopMarker
Provides the user with the means of inputting raw wool measurement data from sale lots, or farm lots, combining the results and then predicting the processing outcomes in the top. It is linked to a pricing system for each raw wool attribute.
Uses: Export/Trading, Business or Farm Planning
Company: Capronex Services Pty Ltd
Web: 0
Email: rcouchman@bigpond.com
03 9787 9774
Australia

TravGun
For the performance evaluation, visualisation and optimisation of travelling gun irrigators. It simulates a specified layout to determine application distribution under varying wind conditions. Calibration of spray patterns and wind distortion behaviour is achieved using simple catch can transects.
Uses: Modelling, Simulations, Irrigation, Dams, Water
Company: National Centre for Engineering in Agriculture, USQ
Web: www.ncea.org.au
Email: raine@usq.edu.au
07 4631 1691
Australia

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Uses: Export/Trading, Business Management Solutions
Price: Purchase End User License POA
Company: TridentGLOBAL
Web: www.tridentglobal.com.au
Email: info@tridentglobal.com.au
08 8273 0333
Australia

Tuna Assist
With 4 out of the top 6 tuna farms in Australia using Tuna Assist, this system offers a complete solution for database management of your tuna farm. Its greatest strengths are its traceability feed stock control, growth forecasting, and much more.
Uses: Aquaculture, Fisheries, Business or Farm Planning
Price: Subscription
$500
Company: Aqua Assist
Web: www.aquaassist.com/
tuna.html
Email: rob@aquaassist.com
03 6248 4483
Australia
<table>
<thead>
<tr>
<th><strong>TurfWISE</strong></th>
<th>Comprehensive software package for online analysis of soil moisture, water, weather and overall irrigation management of playing fields, golf courses and other turf areas.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Irrigation, Dams, Water</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Agrilink Holdings</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.agrilink.net">www.agrilink.net</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:enquiries@agrilink.net">enquiries@agrilink.net</a></td>
</tr>
<tr>
<td>1800 247 454</td>
<td>Australia</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Uncorked Cellar, The</strong></th>
<th>Excellent wine cellar software with an integrated wine guide providing winery details, wine ratings, value guide, winemaker’s notes, cellaring guide, and a visual rack display for wines in your cellar.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Horticulture</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Uncork</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.uncork.biz">www.uncork.biz</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:brian.allen@uncork.biz">brian.allen@uncork.biz</a></td>
</tr>
<tr>
<td>03 9796 1545</td>
<td>Australia</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Vaquitec</strong></th>
<th>Dedicated to administration and management of dairy and beef farms.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Cattle, Recordkeeping</td>
</tr>
<tr>
<td><strong>Price</strong></td>
<td>Purchase End User License $720</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Agritec Software</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.agritecsoft.com/en/vaquitec">www.agritecsoft.com/en/vaquitec</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:sales@agritecsoft.com">sales@agritecsoft.com</a></td>
</tr>
<tr>
<td>+1 563 374 1300</td>
<td>Spain, Global</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Vegetable Management System</strong></th>
<th>Easy to use recording of all chemical, fertiliser labour, machinery and irrigation costs. Produces easy to read instruction sheets. Fully QA compliant spray diary reports. Tracks all details down to patch and variety level. Has an excellent chemical inventory. Know your cost of production per kg.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Horticulture, Recordkeeping</td>
</tr>
<tr>
<td><strong>Price</strong></td>
<td>Purchase End User License POA</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>GrowData Developments</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.growdata.com.au">www.growdata.com.au</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VegMachine</strong></th>
<th>Interrogative software for querying time-series satellite data in monitoring pastoral land.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Grazing Animals, Mapping, GIS, GPS, Land-use, Resource planning</td>
</tr>
<tr>
<td><strong>Price</strong></td>
<td>Free to Members</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Department of Primary Industries &amp; Fisheries (QLD)</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td>www2.dpi.qld.gov.au/sheep/12979.html</td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:callWeb@dpi.qld.gov.au">callWeb@dpi.qld.gov.au</a></td>
</tr>
<tr>
<td>07 3404 6999</td>
<td>Australia</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VERA</strong></th>
<th>Viticare Environmental Risk Assessment Tool (VERA) is an entry level tool providing growers with knowledge of environmental management.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Horticulture, Fire &amp;/or Environmental Management</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>CRC: Viticulture</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.crcv.com.au">www.crcv.com.au</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:bridget.ransome@crcv.com.au">bridget.ransome@crcv.com.au</a></td>
</tr>
<tr>
<td>0403 008 331</td>
<td>Australia</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Vesper</strong></th>
<th>Spatial prediction and mapping tool.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Mapping, GIS, GPS</td>
</tr>
<tr>
<td><strong>Price</strong></td>
<td>Shareware $50</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Australian Centre for Precision Agriculture</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.usyd.edu.au/su/agric/acpa/">www.usyd.edu.au/su/agric/acpa/</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:acpa@acss.usyd.edu.au">acpa@acss.usyd.edu.au</a></td>
</tr>
<tr>
<td>02 9351 2947</td>
<td>Australia</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VetPAD</strong></th>
<th>To aid veterinarians in clinical practice. It allows them to capture and store electronically all billing and clinical records that were previously written in a diary.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Recordkeeping</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Massey University</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://epicentre.massey.ac.nz">http://epicentre.massey.ac.nz</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:EpiCentre@massey.ac.nz">EpiCentre@massey.ac.nz</a></td>
</tr>
<tr>
<td>+64 6 350 5133</td>
<td>New Zealand</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VineLOGIC Virtual Vineyard</strong></th>
<th>A simulation model of grapevine growth and development. It can be used for education and training as well as strategic decision-making, enabling ‘what-if’ scenarios to be run for a wide range of vineyard set-ups.</th>
</tr>
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<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Horticulture, Modelling, Simulations</td>
</tr>
<tr>
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<th><strong>Vineyard Arkive</strong></th>
<th>Software program that maintains all records over successive seasons and incorporates HACCP reporting formats. Records include spray diary, block records, irrigation, labour, equipment, fertiliser, harvesting etc. costs per tonne etc.</th>
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</tr>
<tr>
<td><strong>Price</strong></td>
<td>Outright Purchase $440-$500</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>Arkive Software</td>
</tr>
<tr>
<td><strong>Web</strong></td>
<td><a href="http://www.arkive.com.au">www.arkive.com.au</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:info@arkive.com.au">info@arkive.com.au</a></td>
</tr>
<tr>
<td>03 5729 7605</td>
<td>Australia</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Vineyard Management System</strong></th>
<th>Easy to use recording of all chemicals, fertiliser, labour, machinery and irrigation costs. Produces easy to follow instruction sheets and spray diary reports in all major winery formats. No more filling in multiple books. Tracks all details down to block and variety level. Excellent chemical inventory.</th>
</tr>
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<tbody>
<tr>
<td><strong>Uses</strong></td>
<td>Horticulture, Recordkeeping</td>
</tr>
<tr>
<td><strong>Price</strong></td>
<td>Purchase End User License POA</td>
</tr>
<tr>
<td><strong>Company</strong></td>
<td>GrowData Developments</td>
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<td><strong>Web</strong></td>
<td><a href="http://www.growdata.com.au">www.growdata.com.au</a></td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:support@growdata.com.au">support@growdata.com.au</a></td>
</tr>
<tr>
<td>03 5831 1711</td>
<td>Australia</td>
</tr>
</tbody>
</table>
Vintage Suite
A suite of programs for Windows, this software has been designed and built for wineries of all sizes and the price structure is tailored to be affordable. Using VintageSuite means managing your winery is easy.

**Uses**
- Horticulture, Processing, Transport, Business Management Solutions

**Price**
- TBA
- POA

**Company**
Lakewood Pty Ltd

**Web**
http://vintagesuite.com/brochure.php

**Email**
Graham@lakewood.com.au
0411 149 078

Australia

Virtual Classer
Will allow wool growers to achieve optimum financial benefit from objective classing of their wool clip on measured fibre diameter. The software is suitable for use with both pre-shearing measurements and in-shed testing.

**Uses**
- Business or Farm Planning

**Price**
- Outright Purchase
- POA

**Company**
Department of Primary Industries (NSW)

**Web**
www.dpi.nsw.gov.au

**Email**
steve.semple@dpi.nsw.gov.au
02 6391 3881

Australia

Voyager AdMaster Plus
Extracts vacancy information, allows jobs to be posted to multiple job boards and manages advertisement expiry dates.

**Uses**
- HR, Payroll, OHS, WHS

**Company**
Voyager Software

**Web**
www.voyager-software.com.au

**Email**
ben@voyager-software.com.au
02 9279 4415

Australia

Voyager Document Master
Automatically processes resumes drawn from multiple sources including email and bulk resume providers from the internet.

**Uses**
- HR, Payroll, OHS, WHS

**Company**
Voyager Software

**Web**
www.voyager-software.com.au

**Email**
ben@voyager-software.com.au
02 9279 4415

Australia

Voyager Online
Provides you with everything you could possibly require to add powerful functionality to your web site.

**Uses**
- Export/Trading

**Company**
Voyager Trading

**Web**
www.voyager-software.com.au

**Email**
ben@voyager-software.com.au
02 9279 4415

Australia

Voyager Professional
Voyager Professional is a powerful database application, designed to help you manage your recruitment business and improve the efficiency and effectiveness of your staff. Feature-rich and yet easy to use.

**Uses**
- HR, Payroll, OHS, WHS

**Company**
Voyager Software

**Web**
www.voyager-software.com.au

**Email**
ben@voyager-software.com.au
02 9279 4415

Australia

WA Wheat
To predict the impact of particular combinations of season and management on wheat yield, protein content and the leakage of water and nitrate beyond the root zone for locations and soil types across the Western Australian wheatbelt.

**Uses**
- Cropping, Modelling, Simulations

**Company**
Department of Agriculture and Food (WA)

**Web**
www.agric.wa.gov.au

**Email**
jsfisher@agric.wa.gov.au
08 9690 2125

Australia

Wage Easy Payroll
Payroll.

**Uses**
- HR, Payroll, OHS, WHS

**Company**
Agrimaster

**Web**
www.agrimaster.com.au

**Email**
sales@agrimaster.com.au
1800 110 000

Australia

Water Quality Calculator
This simple web tool can be used to calculate the salinity, sodium adsorption ratio (SAR) and pH when water sources are mixed together to provide irrigation water. The calculated figures are then compared with the standard guidelines.

**Uses**
- Cropping, Irrigation, Dams, Water

**Price**
Free

**Company**
CSIRO

**Web**

**Email**
CottonLOGIC@mv.pi.csiro.au
02 6799 1500

Australia

WAVES
A one-dimensional daily-timestep model that simulates the fluxes of mass and energy between the atmosphere, vegetation, and soil systems.

**Uses**
- Modelling, Simulations

**Price**
TBA
Free with EULA

**Company**
CSIRO

**Web**
www.clw.csiro.au/products/waves/

**Email**
warrick.dawes@csiro.au
08 9333 6230

Australia
Weather Display
Real time, auto scale and graph history graphing, FTP of the weather data to your web page, pager and email notifications of extreme conditions, web download, Metar/ Synop emails, averages/extreme/ climate/NOAA reports, web cam upload.

Use: Weather, Climate, Rainfall
Company: Weather Display
Web: www.weather-display.com
Email: info@weather-display.com
+64 9 2351 377
New Zealand

Weather Display Live
An add-on for Weather Display which allows you to view live weather data over the web from your weather station in nearly real time.

Use: Weather, Climate, Rainfall
Company: Weather Display
Web: www.weather-display.com
Email: info@weather-display.com
+64 9 2351 377
New Zealand

Weather Recorder
Originally designed for cattle weights. This is currently DOS only.

Use: Animal Industries, General Office Software
Price: Outright Purchase $50
Company: ArComPro
Email: arcompro@mnsww.com.au
02 6721 1032
Australia

Wether Calculator
This decision support software shows the economic consequences of varying the proportion of wethers within flocks of varying fibre diameter. Various selection options and a range of meat values for surplus stock are available for consideration.

Use: Grazing Animals, Breeding, Genetics, Business or Farm Planning
Price: Free
Company: CRC: Sheep
Web: www.sheepccr.org.au/software
Email: jessica.richards@dpi.nsw.gov.au
02 6391 3871
Australia

Whopper Cropper, Back Paddock Software
Packages pre-run crop modelling and climate forecasting scenarios into databases relevant to farming districts and helps manage production and economic risks. It's easy to use and quantifies the effects of crop input levels, rainfall, Southern Oscillation Index effects and potential yields. Outcomes expressed as gross margins.

Use: Cropping, Modelling, Simulations, Business or Farm Planning
Price: Purchase End User License $132/year
Company: Back Paddock Software
Web: www.backpaddock.com.au
Email: cdowling@nutrientms.com.au
1800 557 166
Australia

Wilbase Accounting
Double entry accounting with integrated payroll, asset depreciation, business financial plan, and stock control.

Use: Bookkeeping, Accounting
Price: Purchase End User License $1,186
Company: WilBase
Email: admin@wilbase.com.au
07 4697 6577
Australia

Wetup
A software tool that can be used to display approximate wetting patterns from drippers in trickle irrigated systems.

Use: Modelling, Simulations
Price: Free
Company: CSIRO
Web: www.clw.csiro.au/products/
Email: Keith.Bristow@csiro.au
07 4753 8596
Australia

Wheatcalc
Calculates the value of each load of wheat over all contracts and buyers.

Use: Cropping, Business or Farm Planning
Company: AgCentric
Web: www.agcentric.com.au
Email: info@agcentric.com.au
1300 133 162
Australia

Wine Cellar to Seller Software
Innovative decision-support software for wineries to better manage supply chains.

Use: Horticulture, Supply Chain
Company: CSIRO
Web: www.csiro.au
Email: Simon.Dunstall@csiro.au
1300 363 400
Australia

Wine File Winery Manager
A winery recordkeeping package that enables a winery to maintain records of fruit or bulk wine receipts and all winery operations. Winemakers can quickly view the status of their winery and meet audit requirements.

Use: Horticulture, Recordkeeping
WinHR
Based on your organisation structure, winHR allows you to record and track information relating to the employees within. Replace your spreadsheets, custom databases and scribbled notes with one single source of information. Improve efficiency.

Uses: HR, Payroll, OHS, WHS
Company: Favour
Web: www.favour.com.au
Email: alex@favour.com.au
03 9816 4266

WISDAM
It customises irrigation needs for each farm's circumstances, costs the system and calculates pay back periods.

Uses: Animal Industries, Irrigation, Dams, Water

Price: Free
Company: Department of Primary Industries (VIC)
Web: www.dpi.vic.gov.au
Email: michele.ryan@dpi.vic.gov.au
03 5561 9914

Wool Clearing
Wool dumping and clearing house system.

Uses: Grazing animals, Export/Trading

Company: AWEX
Email: Nigel_Stewart@awex.com.au
02 9428 6100

Woolcheque
Allows you to independently price your wool clip based on the latest daily or historical wool prices. The website also includes a wool cost of production calculator that assists woolgrowers to assess the profitability of their wool business.

Uses: Animal Industries, Business or Farm Planning

Price: Free
Company: Australian Wool Innovation
Web: www.woolcheque.com.au
Email: feedback@woolinnovation.com
02 9299 5155

WoolPak
Aims to make the keeping of individual sheep records easy. For all sheep recording including wool, meat and dual purpose breeds. To be used in the yard or in the office. Electronic ID compatible.

Company: Allstock
Web: www.allstock.com.au
Email: narromine@allstock.com.au
02 6889 4040

Xen-APIARY
A world leading management software enabling beekeepers to reduce costs, provide total traceability, manage disease and improve returns, by significantly improving efficiencies of all activities from hive to extraction.

Uses: Bees, Disease/Health
Price: Purchase End User License POA
Company: Xenacom Consulting Ltd
Web: www.xenacom.com
Email: xenapiary.support@xenacom.com
+64 7 827 0890

Xen-BREEDA
A world leading breeding management software for the global seed industry. This software significantly improves efficiencies through simplified
planning, automating data collection, rapidly centralising data for decision making and providing complete traceability.

**Uses**
- Horticulture, Breeding, Genetics

**Price**
- Purchase End User License POA

**Company** Xenacom Consulting Ltd
**Web** www.xenacom.com
**Email** xenbreeda.support@xenacom.com
+64 7 827 0890 New Zealand

### Xen-TRIAL

A world leading trial management software for the global seed industry. This software significantly improves efficiencies through simplified planning, automating data collection, rapidly centralising standardised data for decision making, providing high quality trial reporting.

**Uses**
- Horticulture, Breeding, Genetics

**Price**
- Purchase End User License POA

**Company** Xenacom Consulting Ltd
**Web** www.xenacom.com
**Email** xentrial.license@xenacom.com
+64 7 827 0890 New Zealand

### xProcess

A wool processor system. Similar to the dump system only it includes blend/batch/processor documentation, test result data etc.

**Uses**
- Grazing animals, Processing, Transport

**Company** AWEX
**Email** Nigel_Stewart@awex.com.au
02 9428 6100 Australia

### xSell

The wool broker system.

**Uses**
- Grazing animals, Export/Trading

**Company** AWEX
**Email** Nigel_Stewart@awex.com.au
02 9428 6100 Australia

### xWDO

Enables a transport company to receive electronic wool orders.

**Uses**
- Grazing animals, Processing, Transport

**Company** AWEX
**Email** Nigel_Stewart@awex.com.au
02 9428 6100 Australia

### Yield Prophet

A web interface for the crop production model APSIM. It simulates crop growth based on paddock-specific inputs of soil type, pre-sowing soil water and nitrogen, rainfall, irrigation and nitrogen fertiliser applications, and climate data.

**Uses**
- Cropping, Modelling, Simulations, Soils/Fertilisers

**Company** Birchip Cropping Group
**Web** www.bcg.org.au
**Email** James_Hunt@aanet.com.au
03 9354 1654 Australia

### ZAFTI-Aware

85 individual safety talks and support materials (including assessments, answers, overheads and hand-outs), accessed via a browser based navigational menu.

**Uses**
- HR, Payroll, OHS, WHS

**Company** SMARTsafe Solutions
**Web** www.smartsafegroup.com
**Email** mark@smartsafegroup.com
07 3371 3822 Australia
# Chapter 5: The Australian Farm Software Developers Directory

This is an alphabetical listing of companies/agencies that produced software for the Australian primary industries sector in 2006. Every effort was made to ensure these details were correct at the time of collection. If you would like to add or delete or edit a listing before the next update of this directory, contact the project team at: farm.software@dpi.qld.gov.au.

**Ag Technology**  
Australia  
03 5821 9900  
support@agtechnology.com.au  
- Easy Dairy 2006  
- e-Reg (electronic registration)

**AgCentric**  
Australia  
1300 133 162  
info@agcentric.com.au  
www.agcentric.com.au  
- Wheatcalc

**AGDATA Australia**  
Australia  
07 4632 8488  
sales@agdata.com.au  
www.agdata.com.au  
- Phoenix Farm Management  
- Phoenix FARMS Cropping  
- Phoenix FARMS Livestock  
- Phoenix FARMS Mapping  
- Phoenix Gateway  
- Phoenix Lite  
- Phoenix PowerBudgets

**AgGuide**  
Australia  
07 3279 4344  
alanf@agguide.com.au  
www.agguide.com.au  
- AgGuide Cane Yield Monitor  
- AgGuide LevelGuide  
- AgGuide LightGuide  
- AgGuide RigGuide  
- AgGuide RotaGuide  
- AgGuide RowGuide – 10cm Omnistar HP  
- AgGuide RowGuide – 2cm RTK  
- AgGuide Steering Buddy  
- AgGuide Vehicle Monitoring Syst

**AgInfoLink Australasia**  
Australia  
1800 787 800  
enquiries@aginfolink.com.au  
- AgInfoLink.NET Online Solutions  
- AgMobile  
- BeefLink – Individual Animal Manager  
- BeefLink Keystroke  
- CattleCard

**Aleis International**  
Australia  
0408 987 236  
brian@aleis.com  
www.aleis.com  
- Aleis DataLink

**Allstock**  
Australia  
02 6889 4040  
narromine@allstock.com.au  
www.allstock.com.au  
- WoolPak

**AMAC Digital Products**  
Australia  
02 6771 2266  
royden@internode.on.net  
www.fatmeter.com.au  
- Sheep Data Acquisition and Reporting Systems

**AM-Win Software**  
Australia  
02 9833 2100  
am-win@bigpond.net.au  
www.am-win.com.au  
- AM-Win (lite, Levels 1, 2 & 3)

**Animal Genetics & Breeding Unit (NSW-DPI, UNE)**  
Australia  
02 6773 2055  
agbu@une.edu.au  
http://agbu.une.edu.au  
- BreedObject  
- PBSELECT - The online service  
- PIGBLUP - A PC Based Genetic Evaluation System for Pigs

**Agrilink Holdings**  
Australia  
1800 247 454  
enquiries@agrilink.net  
www.agrilink.net  
- AgWISE  
- TerraCom Viewer  
- TurfWISE

**Agrimaster**  
Australia  
1800 110 000  
sales@agrimaster.com.au  
www.agrimaster.com.au  
- Agrimaster 5  
- Agrimaster 5 Essentials  
- Agrimaster 5 Lite  
- Wage Easy Payroll

**Agritec Software**  
Spain, Global  
+1 563 374 1300  
sales@agritecsoft.com  
www.agritecsoft.com/en/  
- Cunitec  
- Ovitec  
- Porcine  
- QuickData  
- Vaquitec

**AgInfoLink Australasia**  
Australia  
1800 787 800  
enquiries@aginfolink.com.au  
- AgInfoLink.NET Online Solutions  
- AgMobile  
- BeefLink – Individual Animal Manager  
- BeefLink Keystroke  
- CattleCard

**AgGuide**  
Australia  
07 3279 4344  
alanf@agguide.com.au  
www.agguide.com.au  
- AgGuide Cane Yield Monitor  
- AgGuide LevelGuide  
- AgGuide LightGuide  
- AgGuide RigGuide  
- AgGuide RotaGuide  
- AgGuide RowGuide – 10cm Omnistar HP  
- AgGuide RowGuide – 2cm RTK  
- AgGuide Steering Buddy  
- AgGuide Vehicle Monitoring Syst

**Aleis International**  
Australia  
0408 987 236  
brian@aleis.com  
www.aleis.com  
- Aleis DataLink

**Allstock**  
Australia  
02 6889 4040  
narromine@allstock.com.au  
www.allstock.com.au  
- WoolPak

**AMAC Digital Products**  
Australia  
02 6771 2266  
royden@internode.on.net  
www.fatmeter.com.au  
- Sheep Data Acquisition and Reporting Systems

**AM-Win Software**  
Australia  
02 9833 2100  
am-win@bigpond.net.au  
www.am-win.com.au  
- AM-Win (lite, Levels 1, 2 & 3)

**Animal Genetics & Breeding Unit (NSW-DPI, UNE)**  
Australia  
02 6773 2055  
agbu@une.edu.au  
http://agbu.une.edu.au  
- BreedObject  
- PBSELECT - The online service  
- PIGBLUP - A PC Based Genetic Evaluation System for Pigs
ANZ Banking Group
Australia
07 4638 5264
crawleyg@anz.com
www.anz.com
» ANZ Farm Budget Planners

APL
Australia
02 6285 2200
geogy.philip@australianpork.com.au
www.australianpork.com.au
» ANZ Farm Budget Planners

Aqua Assist
Australia
03 6248 4483
enquiries@aquaassist.com
www.aquaassist.com
» Abalone Assist System
» Fishery Assist Software
» Hatchery to Growout Fish Farm
» Manufacture Assist
» Monitoring Assist Software
» Processing Assist
» Salmon Assist Software
» Tuna Assist

AquaFarm.com
USA
UserSupport@AquaFarm.com
www.AquaFarm.com
» Aquafarm

Aquaflow Solutions
Australia
0408 731 825
aquaflow@datafast.net.au
» Surveylight DGPS

ArComPro
Australia
02 6721 1032
arcompro@nnsw.com.au
» Agricultural Management Systems
» Bee Hive
» Beef Stud
» Crop Recorder
» Dairy Stud
» Deer Recorder
» Dog Breeder
» Emus & Ostriches
» Flock File
» Goat Herd
» Herb Recorder
» Herb file
» Horse Stud Manager
» Lamb File
» Machinery Recorder
» Paddock File
» Pet Breed Recorder
» Rural Pack
» Soil File
» Swine File
» Weight Recorder

Arkive Software
Australia
03 5729 7605
arkive@arkive.com.au
www.arkive.com.au
» Arkive Test Drive
» Horticulture Arkive
» Olive Arkive
» Tablegrape Arkive
» Vineyard Arkive

Attaché Software
Australia
02 9455 1319
Markh@AttachéSoftware.com
www.attachesoftware.com
» Attaché Payroll

AuctionsPlus Pty Ltd
Australia
02 9262 4222
ksalan@auctionsplus.com.au
www.auctionsplus.com.au
» AuctionsPlus Pty Ltd

Australian Centre for Precision Agriculture
Australia
02 9351 2947
acpa@acss.usyd.edu.au
www.usyd.edu.au/su/agric/acpa/
» FuzMe
» NeuroTheta
» Vesper

Australian Grain Harvesters Association
Australia
info@agha.org.au
www.agha.org.au
» Contract Harvesting Costs Calculator

Australian Tax Office
Australia
1300 139 051
www.ato.gov.au
» e-Record
» Tax Rates, Calculators and Tools

Australian Wool Innovation
Australia
02 9299 5155
info@woolinnovation.com.au
www.woolinnovation.com.au
» Green Feed Budget Paddock Calculator
» Merino Bloodline Comparison
» Merino Superior Sires
» Sheep Genetics Australia
» StockPlan
» TIMERITE
» Woolcheque

Aust. Workplace Software
Australia
02 8394 7999
info@aws.com.au
www.aws.com.au
» SHE Software

AWEX
Australia
02 9428 6100
David_Cother@awex.com.au
» E2
» Wool Clearing
» xBuy
» xProcess
» xSell
» xWDO

Back Paddock Software
Australia
0427 557 166
wdate@nutrientms.com.au
www.backpaddock.com.au
» Adviser, Back Paddock Software
» Manager, Back Paddock Software
» Whopper Cropper, Back Paddock Software
BankLink
Australia
1800 123 242
sales@banklink.com.au
www.banklink.com.au
» BankLink

BEC Systems
Australia
03 9386 6401
sales@becsystems.com.au
www.becsystems.com.au
» BulkView
» Intag
» Labelterm
» Transweigh

Berrima International
Australia
02 9894 9010
alpaca.toolkit@bigpond.com
www.berrima.biz
» Alpaca Breeders Toolkit
» Alpaca Plan

Birchip Cropping Group
Australia
03 9354 1654
james.hunt@aanet.com.au
www.bcg.org.au
» Yield Prophet

BMS LaserSat
Australia
07 4783 2688
lew@bmslasersat.com.au
www.bmslasersat.com.au
» AgGPS 170 Field Computer
» AgGPS AutoPilot
» AgGPS EZ-Map
» AgGPS EZ-Steer
» AgGPS TrimFlight3

BSES
Australia
07 3331 3340
emcdonald@bses.org.au
www.bses.org.au
» Cane Guard

Bureau of Rural Sciences (DAFF)
Australia
02 6272 4282
info@brs.gov.au
www.brs.gov.au
» Aust Natural Resources Data Library

» Integrated Vegetation Information for NAP & NRM Regions
» Land Use Mapping for Australia
» Plantation Information Network
» Rainfall Reliability Wizard

Burratronics
Australia
07 4096 5554
info@burratronics.com.au
www.burratronics.com.au
» Burratronics Grader Conversion
» Burratronics Label Printing Sys

Capronex Services Pty Ltd
Australia
03 9787 9774
rcouchman@bigpond.com
» Micron PC
» TopMaker

CBIT: Centre for Biological Information Technology
Australia
07 3365 1111
enquiries@cbit.uq.edu.au
http://cbit.uq.edu.au
» About Pest Thrips of the World
» Bugmatch Citrus
» BugMatch Cotton
» Canegrub
» Declared Plants of Australia
» Fox and Rabbit Management
» Grain Storage Tutor
» Lucid Phoenix
» LucID Professional
» Lucid 3
» NemaSYS
» Ozpest
» RiceIPM
» Suburban and Environmental Weeds
» Sweet Potato
» Weed Biocontrol

Cedar Creek Company Pty Ltd
Australia
07 3356 0999
salesenquiries@cedarcc.com.au
www.cedarcc.com.au
» Boning Room Infeed
» Inventory & Load Out
» Kill Floor Systems
» Label Design & Control
» Livestock Procurement & Payments
» NLIS System
» Production Scheduling & Control
» Sales & Export Trading
» Scan pack System
» Specification & Labelling Control
» Telesales & Local Distribution
» Weigh Label System

Clear Objective
Australia
07 3854 1977
sales@clearobjective.com.au
www.clearobj.com
» Clear Enterprise

Computer Concepts and Systems
Australia/New Zealand
1800 127 649
admin@computerconcepts.com.au
www.computerconcepts.com.au
» CASHmanager Debtors
» CASHmanager Rural
» Concepts Cropping
» Concepts Dairy
» Concepts Horticulture
» Concepts Livestock

Coomes Consulting Group
Australia/New Zealand
03 9993 7888
consult@coomes.com.au
http://web.coomes.com.au
» e-EMS

CRC: Irrigation Futures
Australia
02 6763 1262
enquiries@irrigationfutures.org.au
www.irrigationfutures.org.au
» Centre Pivot calculator
» IPARM
» Ready Reckoner for Economics of Evaporation Mitigation
CRC: Poultry
Australia
02 6773 3051
info@poultrycrc.com.au
www.poultrycrc.com.au
» Marek’s disease model

CRC: Sheep
Australia
02 6776 1345
sheepcrc@sheepcrc.org.au
www.sheepcrc.org.au
» Lamb Growth Predictor
» Merino vs Terminal Sire Flock Model
» Selection Assist
» Sell or Feed Analysis Tool
» Simultaneous Assortment
» Wether Calculator

CRC: Tropical Savannas
Australia
08 8946 6285
savanna@cdu.edu.au
http://savanna.ntu.edu.au
» Fire information resource for the Victoria River District, Northern Territory

CRC: Viticulture
Australia
0403 003 331
bridget.ransome@crcv.com.au
www.crv.com.au
» Bugmatch Grapes
» VERA
» VineLOGIC Virtual Vineyard

CRC: Wheat
Australia
02 9490 8488
mfoster@wheatcrc.com.au
www.wheat-research.com.au
» Managing On-Farm Grain Storage

CrimsonLogic
Trade Australia Pty Ltd
Australia
03 9832 0824
customer@crimsonlogic.com.au
www.crimsonlogic.com.au
» TradePalette

Crop Master
Australia
07 5462 5139
darrenj@cropmaster.com.au
www.cropmaster.com.au
» Crop Master Online: Crop Diary
» Crop Master Online: Spray Diary
» Market Network

CSIRO
Australia
1300 363 400
enquiries@csiro.au
www.csiro.au
» AusBeef
» CottonLOGIC
» Crop Development Tool
» Crusader Meat Rabbit Enterprise Model
» Food Safety Toolkit
» Generic Yield & N Calculator
» Gypsy: discounted cash flow analysis for application of gypsum to sodic soils under sugarcane
» HydroLOGIC
» Last Effective Flower Tool
» Lime and Nutrient Balance
» MaNage Rice
» MaNage Wheat
» Mouser Version 1.0
» NutriLOGIC Online
» Pastures from Space
» PIRI – Pesticide Impact Rating Index
» Risk Ranger
» SILO Cotton Day Degree Calculator
» SoFT: Selection of Forages for the Tropics
» Swagman-Destiny
» Swagman-Farm
» SWIM v2
» Topog
» Water Quality Calculator
» WAVES
» Wetup
» Wine Cellar to Seller Software

Dairy Business Centre
Australia
03 5831 2176
gvc@dairybusinesscentre.com
www.dairybusinesscentre.com
» CUD

Dairyking
Australia
03 9459 4355
info@dairyking.com.au
www.dairyking.com.au
» Farm Messenger
» Milk Manager for Windows

Department of Agriculture and Food (WA)
Australia
08 9368 3333
enquiries@agric.wa.gov.au
www.agric.wa.gov.au
» AgET
» AGIRD
» AGMAPS – Land Manager
» AGMAPS – Land Profiler
» Banks
» BYDV Risk Forecast
» Catcher
» Climate Calculator
» CMV Risk Forecast
» Crop irrigation requirement calculator
» Dam Volume Calculator
» DMCAT-4
» Drains
» Fleece Calculator
» Flowering Calculator
» Flowtube
» HARTT
» Imagine
» Leakage Calculator
» Lime and Nutrient Calculator
» MIDAS
» Mudas
» NP Decide
» OPTLIME
» Potassium In Agricultural Systems Model (KASM)
» Potential Yield Calculator (PYCAL)
» PUMPS
» Quarantine Significance Model (QUASIMODO)
» RainTank2
» Risky Business
» Select Your Nitrogen(SYN)
» Simulated Transitional Economic Planning (STEP) Decision Tool
» Siphon Flow Calculator
» SPLAT
» WA Wheat
» WormBoss
Department of Local Government, Planning, Sport & Recreation (QLD)
Australia
07 3234 1870
enquiries@dlgpsr.qld.gov.au
www.dlgpsr.qld.gov.au
  » Central Queensland Regional Information System

Department of Natural Resources (NSW)
Australia
07 3896 3111
info@dnr.nsw.gov.au
www.dnr.nsw.gov.au
  » NSW NRAtlas

Department of Natural Resources & Water (QLD)
Australia
07 3896 3111
enquiries@nrw.qld.gov.au
www.nrw.qld.gov.au
  » AussieGRASS
  » GRASP:Grass Production Model

Department of Primary Industries & Fisheries (QLD)
Australia
07 3404 6999
callweb@dpi.qld.gov.au
www.dpi.qld.gov.au
  » AFLOMAN
  » APSIM
  » AquaProfit Series
  » AVOINFO
  » AVOMAN
  » Barra Profit
  » Breedcow and Dynama
  » Browser
  » Bullocks, Destock and Splitsal
  » Choices Choices
  » Croc Profit
  » Dairy effluent calculators
  » Dairy Herd Model 3
  » Dairy Predict
  » DroughtPlan
  » Export calculator
  » FEAT (Farm Economic Analysis Tool)
  » Feedlot assessment spreadsheet

  » Grain Storage Calculator
  » HowLeaky?
  » HowMuch?
  » HowOften?
  » HowWet?
  » Infest Agvet (on DVD/CD)
  » Infest AgVet + MSDS (on DVD)
  » Infest MSDS (on CD)
  » MacMan
  » NETPROFIT: Financial Model
  » Oyster Profit
  » Pasture Photo Standards CD
  » Perch Profit
  » PERFECT
  » Piggery Assessment Spreadsheet
  » PrawnProfit
  » PrimeNotes CD-ROM
  » Rainman StreamFlow 4.3
  » Rambutan Pest Monitoring
  » Redclaw Profit
  » Stocktake
  » Storing Dollars
  » VegMachine

Department of Primary Industries (NSW)
Australia
13 61 86
customer.service@dpi.nsw.gov.au
www.dpi.nsw.gov.au
  » AQUAFarmer (V2)
  » CowTime’s Dairy Decisions
  » Paddock Area Calculator
  » WISDAM

DLS Horticulture
Australia
0419 817 671
dan@sprayeasy.com
www.sprayeasy.com
  » SPRAYeasy, Chemical Application Software for Vineyards

Dyadem
USA
+1 905 762 4492
info@dyadem.com
www.dyadem.com
  » PHA-Pro7
  » RiskSafe7

eAgribusiness
Australia
08 9227 1699
info@eagri.com.au
www.eagri.com.au
  » iFarm Crops
  » iFarm Crops & Livestock
  » iFarm Livestock
  » iFarm Mapping
  » Maxiyield

Ecobyte
Australia
02 6494 1729
support@ecobyte.com.au
www.ecobyte.com.au
  » HairID
<table>
<thead>
<tr>
<th>Company</th>
<th>Country</th>
<th>Address</th>
<th>Phone</th>
<th>Email</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elan Computers</td>
<td>Australia</td>
<td>03 9740 6654</td>
<td><a href="mailto:imagnesemail@yahoo.com">imagnesemail@yahoo.com</a></td>
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<td>» FarmHand</td>
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<td>» Imagenes</td>
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<tr>
<td>Elders Limited</td>
<td>Australia</td>
<td>07 3227 8185</td>
<td><a href="mailto:sally.mactaggart@elders.com.au">sally.mactaggart@elders.com.au</a></td>
<td><a href="http://www.elders.com.au">www.elders.com.au</a></td>
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<td>» Elders Cost of Production</td>
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<tr>
<td>» Potato Profit Calculator</td>
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<td>Elynx Pty Ltd</td>
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<td>07 4659 6999</td>
<td><a href="mailto:stockaid@elynx.com.au">stockaid@elynx.com.au</a></td>
<td><a href="http://www.elynx.com.au">www.elynx.com.au</a></td>
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<td>Environdata</td>
<td>Australia</td>
<td>07 4661 4699</td>
<td><a href="mailto:sales@environdata.com.au">sales@environdata.com.au</a></td>
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<td>Environmental Protection Agency (QLD)</td>
<td>Australia</td>
<td>07 3227 8185</td>
<td><a href="mailto:csc@epa.qld.gov.au">csc@epa.qld.gov.au</a></td>
<td><a href="http://www.epa.qld.gov.au">www.epa.qld.gov.au</a></td>
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<td>» AusGrass</td>
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<td>Equilize Horse Nutrition</td>
<td>Australia</td>
<td>02 4928 2551</td>
<td><a href="mailto:cd@equilize.com.au">cd@equilize.com.au</a></td>
<td><a href="http://www.equilize.com.au">www.equilize.com.au</a></td>
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<td>ER Mapper</td>
<td>Australia</td>
<td>08 9388 2900</td>
<td><a href="mailto:queries@ermapper.com.au">queries@ermapper.com.au</a></td>
<td><a href="http://www.ermapper.com">www.ermapper.com</a></td>
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<td>ESRI Australia</td>
<td>Australia</td>
<td>1800 447 111</td>
<td><a href="mailto:gissales@esriaustralia.com.au">gissales@esriaustralia.com.au</a></td>
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<td>08 9367 5814</td>
<td><a href="mailto:sales@fairport.com.au">sales@fairport.com.au</a></td>
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<td>Farm Keeper</td>
<td>Australia</td>
<td>1800 202 171</td>
<td><a href="mailto:support@farmkeeper.com">support@farmkeeper.com</a></td>
<td><a href="http://www.farmkeeper.com">www.farmkeeper.com</a></td>
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<td>02 6366 8262</td>
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<td>08 9470 1177</td>
<td><a href="mailto:jallan@farmscan.net.au">jallan@farmscan.net.au</a></td>
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<td>03 9816 4266</td>
<td><a href="mailto:alex@favour.com.au">alex@favour.com.au</a></td>
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<td>FeedPlan Pro</td>
<td>New Zealand</td>
<td>+64 7 858 3750</td>
<td><a href="mailto:help@feedplan.co.nz">help@feedplan.co.nz</a></td>
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<td>Australia</td>
<td>03 9639 0777</td>
<td><a href="mailto:sales@frontiersoftware.com.au">sales@frontiersoftware.com.au</a></td>
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peter.hudson@rokitscience.com
www.rokitscience.com
  » CatchMan
  » CatchMAN Planner
Rural Solutions (SA)  
Australia  
08 8755 3166  
cook.bridget@saugov.sa.gov.au  
www.ruralsolutions.sa.gov.au  
» Budget Solutions  
» Crop Guard  
» FertiPlan  
» Management of nutrient rich wastes  
» Ready Rations Pro

Saltbush Agricultural Software  
Australia  
02 6773 3310  
conrad@saltbush.une.edu.au  
http://saltbush.une.edu.au  
» CashMagic  
» EggMaster  
» EquiMASTER  
» FeedMania  
» HerdMASTER  
» JASMaster  
» LabMagic  
» RaceMATE

Sapien Technology Pty Ltd  
Australia  
03 9808 7119  
info@sapien.com.au  
www.sapien.com.au  
» Koolcollect  
» Koolcollect Calf Trader  
» SuperKool

Seafood Services Australia  
Australia  
1300 130 321  
ssa@seafoodservices.com.au  
www.seafoodservices.com.au  
» Managing Seafood Safety  
» Seafood EMS CD

Sentek Sensor Technologies  
Australia  
08 8366 1900  
sentek@sentek.com.au  
www.sentek.com.au  
» IrriMAX 7

SMARTsafe Solutions  
Australia  
07 3371 3822  
mark@smartsafegroup.com  
www.smartsafegroup.com  
» CLEVAware  
» Forklift-Aware  
» SMATS-Pro  
» TNA-Pro  
» ZAFTI-Aware

Subtropical Dairy Program  
Australia  
07 3280 1731  
dpi@dairyinfo.biz  
www.dairyinfo.biz  
» DairyInfo Decision Support Tools  
» RealBiz

Syntax Software  
Australia  
0417 881 123  
simon@tesiopower.com  
www.tesiopower.com  
» TesioPower 7.0

Syscob  
Australia  
03 9731 0762  
info@syscob.com.au  
www.syscob.com.au  
» Export-It  
» Export-It Plus  
» MEATCOM

TallShips Solutions  
Australia  
02 9807 6077  
pete.huish@tallships.com.au  
www.tallships.com.au  
» Wine File Winery Manager

Talman Solutions  
Australia  
02 9420 9800  
cb@talman.com.au  
www.talmansolutions.com.au  
» Talman StockTake (PocketPC)  
» Talman WoolBuyer

TeeJet Australasia Pty Ltd  
USA  
03 5223 3020  
teejetoz@teejet.com  
www.teejet.com  
» FieldWare Tools  
» Legacy 6000 Fieldware

The Mackinnon Project  
Univ of Melbourne School of Veterinary Science  
Australia  
03 9731 2225  
mackinnon-info@unimelb.edu.au  
www.mackinnonproject.com.au  
» Classer, The  
» Fertcalc  
» InShed Assessor  
» Position Statement  
» Risk Profiler

The Pay Office Group  
Australia  
1800 027 900  
info@thepayoffice.net  
www.payoffice.com  
» Affinity HR Management  
» Affinity Labour Costing  
» Affinity Payroll  
» Affinity Payroll & HR Analysis  
» Affinity Scheduling/Rostering  
» Affinity Time and Attendance

The WaterWise Garden  
Australia  
08 8352 5720  
enquiry@thewaterwisegarden.com  
www.thewaterwisegarden.com  
» Colourful WaterWise Gardening CD ROM

Theta Technologies  
Australia  
0408 500 833  
david@thetatechnologies.com.au  
www.thetatechnologies.com.au  
» Tablet/Browser Based Quality Assurance Solution

Thorsys Australia  
Australia  
07 3371 2788  
tjfarrell@thorsys.com.au  
www.thorsys.com.au  
» Thorsys NLIS Mobile  
» Thorsys Production and Inventory Control System
<table>
<thead>
<tr>
<th>Company</th>
<th>Country</th>
<th>Address</th>
<th>Phone</th>
<th>Email</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tickit Systems</td>
<td>Australia</td>
<td>02 9436 2788 <a href="mailto:tphilip@tickitsystems.com.au">tphilip@tickitsystems.com.au</a></td>
<td><a href="http://www.tickitsystems.com.au">www.tickitsystems.com.au</a></td>
<td>Tickit</td>
<td></td>
</tr>
<tr>
<td>TMQ Electronics</td>
<td>Australia</td>
<td>07 3890 7788 <a href="mailto:tmq@tmq.com.au">tmq@tmq.com.au</a></td>
<td><a href="http://www.tmq.com.au">www.tmq.com.au</a></td>
<td>TMQ C-Plot</td>
<td></td>
</tr>
<tr>
<td>Topstud</td>
<td>Australia</td>
<td>03 5381 1866 <a href="mailto:mga@netconnect.com.au">mga@netconnect.com.au</a></td>
<td><a href="http://www.topstud.com.au">www.topstud.com.au</a></td>
<td>Topstud</td>
<td></td>
</tr>
<tr>
<td>Totalpak Solutions</td>
<td>Australia</td>
<td>1800 666 503 <a href="mailto:allan@totalpak.com">allan@totalpak.com</a></td>
<td><a href="http://www.totalpak.com">www.totalpak.com</a></td>
<td>MarketPOS, Microsoft Great Plains, Mobile Farm Management</td>
<td></td>
</tr>
<tr>
<td>TridentGLOBAL</td>
<td>Australia</td>
<td>08 8273 0333 <a href="mailto:info@tridentglobal.com.au">info@tridentglobal.com.au</a></td>
<td><a href="http://www.tridentglobal.com.au">www.tridentglobal.com.au</a></td>
<td>TridentGLOBAL</td>
<td></td>
</tr>
<tr>
<td>Triton Commercial Systems</td>
<td>Australia</td>
<td>07 3324 2525 <a href="mailto:mburke@tritoncomsys.com">mburke@tritoncomsys.com</a></td>
<td><a href="http://www.tritoncomsys.com">www.tritoncomsys.com</a></td>
<td>Abattoir / Food Processing Software, NLIS - Carcass Identification</td>
<td></td>
</tr>
<tr>
<td>Tru-Test</td>
<td>Australia</td>
<td>1800 641 324 <a href="mailto:sales-aus@tru-test.co.nz">sales-aus@tru-test.co.nz</a></td>
<td><a href="http://www.tru-test.com.au">www.tru-test.com.au</a></td>
<td>Link 3000</td>
<td></td>
</tr>
<tr>
<td>Uncork</td>
<td>Australia</td>
<td>03 9796 1545 <a href="mailto:brian.allen@uncork.biz">brian.allen@uncork.biz</a></td>
<td><a href="http://www.uncork.biz">www.uncork.biz</a></td>
<td>Uncorked Cellar, The</td>
<td></td>
</tr>
<tr>
<td>UNE: Agricultural Business Research Institute (ABRI)</td>
<td>Australia</td>
<td>02 6773 3555 <a href="mailto:office@abri.une.edu.au">office@abri.une.edu.au</a></td>
<td><a href="http://abri.une.edu.au">http://abri.une.edu.au</a></td>
<td>BREEDPLAN, Desire, ILR2: International Livestock Registry 2, Pedigree Viewer, QAAIS</td>
<td></td>
</tr>
<tr>
<td>University of WA</td>
<td>Australia</td>
<td>08 6488 7870 <a href="mailto:rbl@plants.uwa.edu.au">rbl@plants.uwa.edu.au</a></td>
<td><a href="http://www.plants.uwa.edu.au">www.plants.uwa.edu.au</a></td>
<td>Resistance and Integrated Management Model</td>
<td></td>
</tr>
<tr>
<td>VantagePoint Solutions Ltd</td>
<td>New Zealand</td>
<td>+64 3 307 8053 <a href="mailto:info@macrostock.com">info@macrostock.com</a></td>
<td><a href="http://www.macrostock.com">www.macrostock.com</a></td>
<td>MacroFleece, MacroStud, MacroWeigh</td>
<td></td>
</tr>
<tr>
<td>Weather-Display</td>
<td>New Zealand</td>
<td>+64 9 235 1377 <a href="mailto:info@weather-display.com">info@weather-display.com</a></td>
<td><a href="http://www.weather-display.com">www.weather-display.com</a></td>
<td>MesoMap Live, Weather Display, Weather Display Live</td>
<td></td>
</tr>
<tr>
<td>WestfaliaSurge</td>
<td>Germany, USA, Australia</td>
<td>03 9335 9533 <a href="mailto:info@westfaliasurge.com.au">info@westfaliasurge.com.au</a></td>
<td><a href="http://www.westfaliasurge.com.au">www.westfaliasurge.com.au</a></td>
<td>DairyPlan C21</td>
<td></td>
</tr>
<tr>
<td>WilBase</td>
<td>Australia</td>
<td>07 4697 6577 <a href="mailto:admin@wilbase.com.au">admin@wilbase.com.au</a></td>
<td><a href="http://www.wilbase.com.au">www.wilbase.com.au</a></td>
<td>QA Logbook, Wilbase Accounting</td>
<td></td>
</tr>
<tr>
<td>WiSA Irrigation Solutions</td>
<td>Australia</td>
<td>03 5480 7713 <a href="mailto:graeme@irrigatewisa.com.au">graeme@irrigatewisa.com.au</a></td>
<td><a href="http://www.irrigatewisa.com.au">www.irrigatewisa.com.au</a></td>
<td>Aqualink – Irrigation Control Software, GroGraph, WiSA Smart predictor</td>
<td></td>
</tr>
<tr>
<td>Xenacom Consulting Ltd</td>
<td>New Zealand</td>
<td>+64 7 827 0890 <a href="mailto:consulting_info@xenacom.com">consulting_info@xenacom.com</a></td>
<td><a href="http://www.xenacom.com">www.xenacom.com</a></td>
<td>Xen-APIARY, Xen-BREEDA, Xen-TRIAL</td>
<td></td>
</tr>
</tbody>
</table>
Chapter 6: Subject Index

This index links software titles with an applicable industry sector or agricultural function.

This index was created based on keywords supplied by developers or extracted from a product’s descriptive listing. This is a first attempt at the creation of a Subject Index to cross link software titles with agriculturally- and software-relevant keywords/categories. If you would like to change the category association(s) of a software title before the next update of this directory, contact the project team at: farm.software@dpi.qld.gov.au.

3D Bathy see Fishing
Abbatoirs see Meat Processing

Accounting
- Adviser, Back Paddock Software
- Agricultural Management Systems
- Agrimaster 5
- Agrimaster 5 Essentials
- Agrimaster 5 Lite
- ANZ Farm Budget Planners
- AQUAFarmer (V2)
- BankLink
- Beef Cattle Gross Margin Template
- Cash BAS
- Cashbook Plus! – Primary Producer
- Cashbook Plus! – Small Business
- CashMagic
- CASHmanager Debtors
- CASHmanager Rural
- Clear Enterprise
- e-Record
- EzyWine
- Farm Accounts
- Farm Cash for Windows
- Farm Fund
- LandMark Money 2007
- Manager, Back Paddock Software
- Microsoft Great Plains
- MISTRO Finance
- MYOB
- MYOB AccountEdge (Mac)
- MYOB Accounting
- MYOB Accounting Plus
- MYOB BusinessBasics
- MYOB FirstEdge (Mac)
- MYOB JustInvoices
- MYOB Premier
- MYOB Premier Enterprise
- NSW DPI Farm Forms – Cashbook
- Phoenix Farm Management
- Phoenix Gateway
- Phoenix Lite
- QuickBooks Accounting 2006/07
- Quickbooks EasyStart 2006/07
- QuickBooks Enterprise 2006/07
- QuickBooks Plus 2006/07
- QuickBooks Premier 2006/07
- QuickBooks Pro 2006/07
- Quicken Home and Business 2005/06
- Retail Point of Sale 2006/07
- Tax Rates, Calculators and Tools
- Willbase Accounting

Acidity see Agri-chemicals OR Soils

Agri-Business Management
- AgInfoLink.NET Online Solutions
- AGMAPS – Land Manager
- AGMAPS – Land Profiler
- AgMobile
- AM-Win (lite, Levels 1, 2 & 3)
- APSIM
- AQUAFarmer (V2)
- AusBeef
- BeefLink Keystroke
- BeefLink – Individual Animal Manager
- Bull Sale Catalogue
- Business Support Tools
- Canegrub
- CattleCard
- Contract Harvesting Costs Calculator
- Costing an irrigation system (net margin calculator)
- Crop Management CDROM
- DairyInfo Decision Support Tools
- E2
- ER Mapper Image Web Server
- Farm Forestry Toolbox
- FARM Software System
- Farmbook Premium
- Flowering Calculator
- Fox and Rabbit Management
- Fruit & Vegetable Packing System
- Genetic Tool Kit
- Grain Storage Calculator
- GrassGro
- GRAZPLAN
- Harvest TraceMaster
- Harvest TraceMaster-InterLink
- LandMark Farm 2007
- LiveStockAuctions
- MaNage Rice
- MaNage Wheat
- MIPS Piggery Management System
- MYOB Accounting
- MYOB Accounting Plus
- MYOB BusinessBasics
- MYOB FirstEdge (Mac)
- MYOB JustInvoices
- MYOB Premier
- MYOB Premier Enterprise
- NEAT
- Pastures from Space
- Phoenix FARMS Cropping
- Phoenix FARMS Livestock
- Phoenix FARMS Mapping
- PlanIT
- Property Planning Program
- QA Logbook
- RealBiz
- Storing Dollars
- TIMERITE
- TridentGLOBAL

Agri-chemicals
• Agricultural Management Systems
• Arkive Test Drive
• Avi -Australian Viticultural Investigator
• Concepts Horticulture
• Crop Guard
• Crop Master Online: Crop Diary
• Crop Master Online: Spray Diary
• DES
• Farm Site Professional
• Farm Stock
• Fertcalc
• FertiPlan
• Generic Yield and N Calculator
• Gypsy: discounted cash flow analysis for application of gypsum to sodic soils under sugarcane
• Herbiguide
• Horticulture Arkive
• HowOften?
• HowWet?
• Infopest Agvet (on DVD/CD)
• Infopest AgVet + MSDS (on DVD)
• Ivan
• LandMark Farm 2007
• Lime and Nutrient Balance
• Lime and Nutrient Calculator
• Maxiyield
• Multi-Log
• NP Decide
• NturiLOGIC Online
• Olive Arkive
• OPTLIME
• Orchard Management System
• PAM Crop Diary
• PAM Enterprise Edition
• PAM QA Plus
• PAM Ultracrop
• Pesticide Application recording form.
• PIRI – Pesticide Impact Rating Index
• Pocket PAM
• Potassium In Agricultural Systems Model (KASM)
• Potato & Onion Management System
• Probe for Windows
• PUMPS
• Select Your Nitrogen(SYN)
• SoilMate
• SPLAT
• SPRAYeasy. Chemical Application Software for Vineyards
• Tablegrape Arkive
• Topstud
• Vegetable Management System
• Vineyard Management System
• Water Quality Calculator
• Yield Prophet

Alpacas see Animals-Other

Animal Health
• AgriSphere
• Beefstud
• Cattle Fattening Records
• CattleLink
• Dairy Data for Windows
• Dairy Stud
• EpitMAN-TB
• Equilibize Diet Formulation and Feeding Management Software for Horses
• EquiMASTER
• e-Reg (electronic Registration)
• FarmHand
• FeedMania
• HerdMASTER
• JASMaster
• Koolcollect
• Marek’s disease model
• Milk Manager for Windows
• MISTRO Wand
• MLA Calving Histogram Calculator
• MLA Health Cost Benefit Calculator
• Monitoring Assist Software
• Phoenix FARMS Livestock
• PigPP Piggery Performance Programme
• RaceMATE
• VetPAD
• WormBoss
• Xen-APIARY

Animal Recordkeeping see Recordkeeping

Animal Welfare see Animal Health

Animals General see also Cattle OR Pigs OR Sheep

• Adviser, Back Paddock Software
• AuctionsPlus Pty Ltd
• Concepts Livestock
• Farm Stock
• Farm Stock Mate
• Farmbook Premium
• HerdMASTER
• iFarm Crops & Livestock
• iFarm Livestock
• ILR2: International Livestock Registry 2
• International Livestock Information Gateway
• JASMaster
• Livestock Library
• Livestock Procurement & Payments
• Livestock Recording
• Livestock Trading Schedules and Template
• MacroWeigh
• Manager, Back Paddock Software
• NLIS System
• Pocket PAM
• ProKollect
• QA Logbook
• RaceMATE

Animals-Grazing
• AgMobile
• AgriSphere
• Aleis DataLink
• BreedObject
• FARM Software System
• Fertcalc
• GRASP (Grass Production Model)
• GrassGro
• GrazFeed
• Grazing Crop Budget Calculator
• Herd file
• Koolcollect
• LiveStockAuctions
• MLA Cost of Production Calculator
• MLA Rainfall to Pasture Growth Outlook Tool
• NSW DPI Farm Forms – Livestock
• PAM Individual Animal recordkeeping
• Pasture Photo Standards CD
• Pasture Sense
• Pasture Watch
• PC Farm
• Phoenix FARMS Livestock
- Pipe Reader
- QAAIS
- RAMPOWER 2002
- Ready Rations Pro
- Risk Profiler
- Rotation
- SoFT: Selection of Forages for the Tropics
- StockaID
- Stocktake
- SuperKool
- Thorsys NLIS Mobile
- VegMachine

Animals-Other
- Alpacas
  - Alpaca Breeders Toolkit
  - AlpacaPlan
- Bees
  - Bee Hive
  - Xen-APIARY
- Deer
  - Deer Recorder
- Goats
  - Goat Herd
  - Goat Tracks
  - Ovitec
- Horses
  - Equilize Diet Formulation and Feeding Management Software for Horses
  - EquiMASTER
  - Horse Stud Manager
  - TesioPower 7.0
- Poultry
  - ALFI database
  - EggMaster
  - Marek’s disease model
- Assorted
  - Croc Profit
  - Cunitec
  - Desire
  - Dog Breeder
  - Emus & Ostriches
  - EpiMAN-TB
  - Fox and Rabbit Management
  - HairID
  - Mouser Version 1.0
  - Pet Breed Recorder
  - Rabbit Central
  - WISDAM Animals-other

Aquaculture/Fisheries
- Abalone Assist System
- ALFI database
- Aquafarm
- AQUAFarmer (V2)
- AquaProfit Series
- Barra Profit
- Croc Profit
- Fishery Assist Software
- Hatchery to Growout Fish Farm
- Managing Seafood Safety
- Manufacture Assist
- Oyster Profit
- Perch Profit
- PrawnProfit
- Processing Assist
- Redclaw Profit
- Salmon Assist Software
- Tuna Assist
- Fishery Assist Software
- Hatchery to Growout Fish Farm
- Managing Seafood Safety
- Manufacture Assist
- Oyster Profit
- Perch Profit
- PrawnProfit
- Processing Assist
- Redclaw Profit
- Salmon Assist Software
- Tuna Assist

Auctions
- AuctionsPlus Pty Ltd
- LiveStockAuctions

Audits
- iAppraise
- iAudit
- JASMaster
- OHS Action

Automated steering, spraying, etc. see Precision Farming

Avocados see Horticulture

Barramundi see Aquaculture

BAS see Taxation

Beef see Cattle

Bees see Animals-Other

Benchmarking see Quality Assurance

Beneficial Insects see Pests

Best Practice see Quality Assurance

Bookkeeping see Accounting

Breeding
- Alpaca Breeders Toolkit
- AlpacaPlan
- Beef-N-Omics
- Beefstud
- Breedcow and Dynam
- BreedObject
- BREEDPLAN
- Bullocks, Destock and Splitsal
- CattleLink
- CattleWeb
- Deer Recorder
- Desire
- Dog Breeder
- EquiMASTER
- e-Reg (electronic registration)
- Farm Site Mate
- Farm Stock
- Farm Stock
- Farm Stock Mate
- FarmHand
- Findings and Outcomes of the Beef CRC – CD I Genetics
- Genetic Tool Kit
- Goat Tracks
- Horse Stud Manager
- ILR2: International Livestock Registry 5
- Imagenes
- InCalf Fertility Focus Report
- InCalf Herd Assessment Pack Tools
- International Livestock Information Gateway
- Koolcollect
- Lamb File
- Lamb Growth Predictor
- LandMark Farm 2007
- Livestock Library
- Livestock Recording
- MacroStud
- Merino Bloodline Comparison
- Merino Superior Sires
- Merino vs Terminal Sire Flock Model
- MetaFarms i-Production
- MIPS Piggery Management System
- MISTRO Shed
- MISTRO Wand
- MLA Calving Histogram Calculator
- OBJECT
- PAM Individual Animal Recordkeeping
- PBSELECT-The online PIGBLUP service
- Pedigree Viewer
- Pet Breed Recorder
- PIGBLUP-A PC Based Genetic Evaluation System for Pigs
- Porcitec
- ProducePak Farm Management
- ProducePak Mobile Packhouse Management
- ProducePak Packhouse Management
- ProKollect
- Rabbit Central
- RaceMATE
- RAMPOWER 2001
• Scan pack System
• Selection Assist
• Sell or Feed Analysis Tool
• Sheep Genetics Australia
• Simultaneous Assortment
• Stockbook
• Swine File
• TesioPower 7.0
• Thorsys NLIS Mobile
• Thorsys Production and Inventory Control System
• Topstud
• Wether Calculator
• Xen-APIARY
• Xen-BREEDA
• Xen-TRIAL

Broadacre see Cropping

Budgeting
• Adviser, Back Paddock Software
• AgGuide Cane Yield Monitor
• AgGuide Vehicle Monitoring System
• Agrimaster 5
• Agrimaster 5 Essentials
• Agrimaster 5 Lite
• ANZ Farm Budget Planners
• AQUAFarmer (V2)
• Banks
• Barra Profit
• Beef Cattle Gross Margin Template
• Beef-N-Omics
• Breedcow and Dynama
• Budget Solutions
• Bullocks, Destock and Splitsal
• Cash BAS
• Cashbook Plus! – Primary Producer
• Cashbook Plus! – Small Business
• CashMagic
• CASHmanager Debtors
• CASHmanager Rural
• Cattle Transport Costs Calculator
• Choices Choices
• Concepts Cropping
• Concepts Horticulture
• Croc Profit
• Export calculator
• Farm Cash for Windows
• Farm Fund
• Farm Stock
• Farmstar and Farmstart Lite

Business Intelligence see also Modelling
• AgInfoLink.NET Online Solutions
• AVOINFO
• Budget Solutions
• Cane Guard
• Canegrub
• Dairy Stud
• Easy Dairy 2006
• Farm Messenger
• FARM Software System
• Findings and Outcomes of the Beef CRC – CD I Nutrition, Meat Science and Health.
• Generic Yield and N Calculator
• Lucid Phoenix
• LucID Professional
• Lucid3
• MacMan
• Microster Workforce Management
• Milk Manager for Windows
• MYOB Premier Enterprise
• Pastures from Space
• Phoenix PowerBudgets
• ProducePak Farm Management
• ProducePak Mobile Packhouse Management
• ProKollect
• Soil Cone Penetrometer
• Xen-APIARY

Business Management see Agri-Business Management

Business Plan
• Abalone Assist System
• AgriSphere
• AgWISE
• AquaFarm
• AquaProfit Series
• AUSPIG
• Banks
• Barra Profit
• Beef-N-Omics
• Breedcow and Dynama
• BreedObject
• Budget Solutions
• Bullocks, Destock and Splitseal
• Business Support Tools
• Classer, The
• Concepts Cropping
• Concepts Dairy
• Concepts Horticulture
• Concepts Livestock
• CowTime’s Dairy Decisions
• Croc Profit
• Crop Recorder
• CUD
• Dairy effluent calculators
• Dairy Predict
• Dairy – FeedPlan
• Dairy – FeedSmart
• DairyInfo Decision Support Tools
• Drought Management Tools
• ER Mapper Professional
• EzyCellar
• EzyOlive
• EzyWine
• EzyWine Enterprise
• Farm Messenger
• FarmMap
• FEAT (Farm Economic Analysis Tool)
• Feedlot Cost Calculator
• Feedlot assessment spreadsheet
• Feedlot: growth and profit analysis
• Fertcalc
• Fishery Assist Software
• Forage Systems Model Online
• FuzMe
• GP Mapper and GP Mapper Live
• Grain Storage Calculator
• Grazing Crop Budget Calculator
• Hatchery to Growout Fish Farm
• iFarm Mapping
• Infopest Agvet (on DVD/CD)
• Infopest AgVet + MSDS (on DVD)
• InShed Assessor
• ImMAX 7
• Ivan
• Lamb Growth Predictor
• Lamb Lot Feeding Calculator
• Manufacture Assist
• Maxiyield
• Merino Bloodline Comparison
• Merino Superior Sires
• Micron PC
• Milk Manager for Windows
• MLA Calving Histogram Calculator
• MLA Cost of Production Calculator
• MLA Feed Demand Calculator
• MLA Health Cost Benefit Calculator
• MLA Rainfall to Pasture Growth Outlook Tool
• MLA Stocking Rate Calculator
• Mutton versus Wool Calculator
• myEMS
• MYOB Accounting Plus OBJECT
• OFFM Calculator, The
• On Farm Support Tools
• Ovitec
• Oyster Profit
• Paddock Area Calculator
• Pasture Improvement Calculator
• Perch Profit
• Phoenix PowerBudgets
• Piggery Assessment Spreadsheet
• Porcine
• Position Statement
• Potential Yield Calculator (PYCAL)
• PrawnProfit
• PrimeNotes CD-ROM
• Processing Assist
• ProducePak Farm Management
• Property Planning Program
• RAMPOWER 2003
• RedBiz
• Redclaw Profit
• Redebate
• Risk Profiler
• Salmon Assist Software
• Selection Assist
• Sell or Feed Analysis Tool
• Sheep Genetics Australia
• Sheep Transport Cost Calculator
• Simulated Transitional Economic Planning (STEP) Decision Tool
• Simultaneous Assortment
• Storing Dollars
• TerraCom Viewer
• TopMaker
• Tuna Assist
• Virtual Classer
• Wether Calculator
• Wheatcalc
• Whopper Cropper, Back Paddock Software
• Wilbase Accounting
• Woolcheque
• Xen-APIARY

Canola see Cropping

Capacity Building see Social Assessment

Carcase see Meat Processing

Catchments see Natural Resource Management

Cattle-Beef
• AusBeef
• Beef Cattle Gross Margin Template
• Beef-N-Omics
• BeefLink Keystroke
• BeefLink – Individual Animal Manager
• Beefstud
• Breedcow and Dynama
• BREDPLAN
• Budget Solutions
• CamBeef
• Cattle Fattening Records
• Feedlot: growth and profit analysis
• Findings and Outcomes of the Beef CRC – CD I Genetics
• Genetic Tool Kit
• MLA Stocking Rate Calculator
• NSW DPI Farm Forms – Livestock

Cattle-Dairy
• CamDairy
• Concepts Dairy
• CowPAD – DairyWIN for the Palm Pilot
• CowTime’s Dairy Decisions
• CUD
• Dairy Data for Windows
• Dairy effluent calculators
• Dairy effluent calculators
• Dairy Herd Model 3
• Dairy Predict
• Dairy Stud
• Dairy – FeedPlan
• Dairy – FeedSmart
• DairyInfo Decision Support Tools
• DairyPlan C21
• DairyWIN
• Easy Dairy 2006
• Farm Cash for Windows
• Farm Messenger
• FarmHand
• Imagenes
• InCalf Herd Assessment Pack Tools
• Milk Manager for Windows
• MISTRO Draft
• MISTRO Farm 5
• MISTRO Feed
• MISTRO Finance
• MISTRO Pocket
• MISTRO Shed
• MISTRO Wand
• RealBiz
• WISDAM

Cattle-General
• CattleCard
• CattleLink
• CattleWeb
• e-Reg (electronic registration)
• GRAZPLAN
• InCalf Fertility Focus Report
• Koolcollect Calf Trader
• Stockbook
• Vaquitec
• Weight Recorder
• Bull Sale Catalogue
• Bullocks, Destock and Splitosal
• Cattle Transport Costs Calculator
• Cow Sense
• Farm Stock
• MLA Calving Histogram Calculator
• MLA Health Cost Benefit Calculator

Cereals see Cropping

Chemicals see Agri-chemicals

Chickens see Animals-Other

Climate see Weather

Compliance see Legislative Compliance OR Risk Assessment

Conservation see Natural Resource Management

Contract harvesting
• Contract Harvesting Costs Calculator

Cost management see Budgeting

Cost/Benefit see Budgeting

Cotton see Cropping

CRM see Supply Chain

Crocodiles see Animals-Other

Cropping-Calculators
• Contract Harvesting Costs Calculator
• Crop irrigation requirement calculator
• Flowering Calculator
• Generic Yield and N Calculator
• Grazing Crop Budget Calculator
• Lime and Nutrient Calculator
• Potential Yield Calculator (PYCAL)
• Water Quality Calculator

Cropping-Cotton
• BugMatch Cotton
• CottonLOGIC
• HydroLOGIC
• Last Effective Flower Tool
• NutriLOGIC Online
• SILO Cotton Day Degree Calculator

Cropping-General
• About Pest Thrips of the World
• Adviser, Back Paddock Software
• AGIRD
• AgWISE
• ALFI database
• APSIM
• Arkive Test Drive
• Budget Solutions
• Choices Choices
• Concepts Cropping
• Crop Development Tool
• Crop Guard
• Crop Management CDROM
• Crop Master Online: Crop Diary
• Crop Master Online: Spray Diary
• Crop Recorder
• DES
• Farm Site Professional

Cropping-Grains
• Feedlot: growth and profit analysis

Cropping-Peanuts
• AFLOMAN

Cropping-Precision Farming
• AgGuide LevelGuide
• AgGuide LightGuide
• AgGuide RigGuide
• AgGuide RotaGuide
• AgGuide RowGuide – 10cm
  Omnistar
• AgGuide RowGuide – 2cm
  RTK
• AgGuide Steering Buddy
• AgGuide Vehicle Monitoring
  System
• AutoSPRAY 4080
• AutoSTEER
• FarmHand
• Farmstar and Farmstart Lite
• GreenStar2
• Multi-Log
• Pocket PAM
• ProKollect
• Serial Timer
• Thorsys NLIS Mobile
• Timer
• Timer (Multiple Switchings)
• Timer (pulses in minutes)
• Timer (pulses in seconds)

Device (digital)
• AgGPS 170 Field Computer
• AgGPS AutoPilot
• AgGPS EZ-Steer
• AgMobile
• AutoSPRAY 4080
• AutoSTEER
• FarmHand
• Farmstar and Farmstart Lite
• GreenStar2
• Multi-Log
• Pocket PAM
• ProKollect
• Serial Timer
• Thorsys NLIS Mobile
• Timer
• Timer (Multiple Switchings)
• Timer (pulses in minutes)
• Timer (pulses in seconds)

Diseases
• AFLOMAN
• Avi-Australian Viticultural
  Investigator
• Bugmatch Grapes
• Cane Guard
• Crop Guard
• EpilMAN-TB
• Herbiguide
• LabMagic
• Managing On-Farm Grain
  Storage
• Marek’s disease model
• Quarantine Significance
  Model (QUASIMODO)
• SPRAYeasy. Chemical
  Application Software for
  Vineyards
• WormBoss

Dogs see Animals-Other

Drains see Earthworks OR
  Water Management

Drought
• Colourful WaterWise
  Gardening CD Rom
• Drought Management Tools
• DroughtPlan
• GrazFeed
• StockPlan

Dryland Farming
• Mudas
• Budget Solutions

Earthworks
• AutoFarm DataLogger
• Banks
• Dam Volume Calculator

• DAMCAT-4
• Drains

e-commerce see Trading

Effluent see Wastes

Eggs see Animals-Other

El Nino see Weather

EMS see Natural Resource
  Management OR
  Environmental Management

Emus see Animals-Other

Environmental
  Management
• FARM Software System
• Fire information resource for
  the Victoria River District,
  Northern Territory
• Integrated Vegetation
  Information for NAP & NRM
  Regions
• myEMS
• VERA

Equipment
• AgGPS AutoPilot
• AgGPS EZ-Steer
• AgGuide Vehicle Monitoring
  System
• Burratronics Grader
  Conversion
• Farm Site
• Forklift-Aware
• Legacy 6000 Fieldware
• Machinery Cost Calculator
• Machinery Recorder
• MAX-Machinery Database
• PAM Enterprise Edition
• PAM QA Plus
• PAM Ultracrop
• ProducePak Packhouse
  Management
• PSV0100 Woylie Fence
  Monitoring Software
• PTE0700 Remote Electric
  Fence Monitor
• Seeding & Tillage CD
• StarFire RTK
• Timer
• Timer (Multiple Switchings)
• Timer (pulses in minutes)
• Timer (pulses in seconds)
• WinOHS

Export see also Supply Chain
  OR Trading
• E2
• Export calculator
• Export-It
• Export-It Plus
• HS: Heat Stress Model for Live Export
• MEATCOM
• Sales & Export Trading
• TradePalette
• TridentGLOBAL

Farm Management see Agri-Business Management

Farm Planning see Business Plan

Farm Plans (map) see Property Map

Farming Systems see Agri-Business Management

Feed
• ALFI database
• AusBeef
• AVOMAN
• Barra Profit
• Beef-N-Omics
• CamBeef
• Croc Profit
• Dairy Data for Windows
• Dairy Predict
• Dairy – FeedPlan
• Dairy – FeedSmart
• Equilize Diet Formulation and Feeding Management Software for Horses
• Feed Cost Calculator
• Feedlot: growth and profit analysis
• FeedMania
• FeedPlan Pro
• Forage Systems Model Online
• Grain & Fodder Trading Template
• GrazFeed
• Green Feed Budget Paddock Calculator
• Lamb Lot Feeding Calculator
• Livestock Recording
• MetaFarms i-Production
• Milk Manager for Windows
• MISTRO Feed
• MLA Feed Demand Calculator
• NSW DPI Farm Forms – Livestock
• Oyster Profit
• Pasture Watch
• Perch Profit

• PigPP Piggery Performance Programme
• PrawnProfit
• Ready Rations Pro
• Redclaw Profit
• Rotation
• SoFT: Selection of Forages for the Tropics
• StockPlan

Feedlots
• AusBeef
• Cattle Fattening Records
• Feedlot assessment spreadsheet
• Feedlot Calculator
• Feedlot: growth and profit analysis
• Koolcollect
• Lamb Lot Feeding Calculator
• NSW DPI Farm Forms – Livestock
• Ready Rations Pro

Fencing
• PSV0100 Woylie Fence Monitoring Software
• PTE0700 Remote Electric Fence Monitor

Fertilisers see Agri-chemicals

Financials see Accounting

Fires
• Fire information resource for the Victoria River District, Northern Territory

Fish Farms see Aquaculture/Fisheries

Fisheries see Aquaculture/Fisheries

Fishing
• Admiral 7
• Fish 32N
• Fish32c
• Fugawi Global Navigator
• Navmaster Offshore
• Navmaster Professional
• NavPk PE
• NavPakPro
• Nobletec Visual Navigation Suite
• Piscatus 3D
• Radar PC (IR2)
• SW&N Fish
• SW&N Professional Navigation
• TMQ C-Pilot

Flocks see Animals-Other-Poultry OR Sheep

Flowers see Horticulture

Fodder see Feed

Food Safety
• Crop Master Online: Crop Diary
• Food Safety Toolkit
• IHA CCP
• Managing On-Farm Grain Storage
• Managing Seafood Safety
• NLIS System
• Qudos System 3
• Qudos System 3 – Hosted option
• Risk Ranger
• Seafood EMS CD
• Tablet/Browser Based Quality Assurance Solution

Forage see Feed

Forecasting see Weather

Foxes see Animals-Other

Free Software
• AuctionsPlus Pty Ltd
• Aust Natural Resources Data Library
• Cattle Transport Costs Calculator
• Classer, The
• Costing an irrigation system (net margin calculator)
• CottonLOGIC
• Crop Development Tool
• Crop Management CDROM
• DairyInfo Decision Support Tools
• DES
• DroughtPlan
• Feed Cost Calculator
• Feedlot Calculator
• Fertcalc
• Forage Systems Model Online
• Green Feed Budget Paddock Calculator
• Gypsum: discounted cash flow analysis for application of gypsum to sodic soils under sugarcane
• HARTT
• HowLeaky?
• HowMuch?
• HowOften?
• HowWet?
• HydroLOGIC
• InShed Assessor
- Integrated Vegetation Information for NAP & NRM Regions
- International Livestock Information Gateway
- IPARM
- Lamb Growth Predictor
- Land Use Mapping for Australia
- Last Effective Flower Tool
- Link 3000
- Livestock Library
- Merino Bloodline Comparison
- Merino Superior Sires
- Merino vs Terminal Sires Model
- MLA Calving Histogram Calculator
- MLA Cost of Production Calculator
- MLA Feed Demand Calculator
- MLA Health Cost Benefit Calculator
- MLA Rainfall to Pasture Growth Outlook Tool
- MLA Stocking Fate Calculator
- NSW NRAtlas
- NutriLOGIC Online
- OFFM Calculator, The
- OPTLIME
- PERFECT
- Plantation Information Network
- Position Statement
- PUMPS
- Quality e-book
- Rain Records
- Rainfall Reliability Wizard
- RealBiz
- Risk Profiler
- Selection Assist
- Sell or Feed Analysis Tool
- Sheep Genetics Australia
- Sheep Transport Cost Calculator
- Simultaneous Assortment
- Siphon Flow Calculator
- SoFT: Selection of Forages for the Tropics
- StockPlan
- TIMERITE
- Water Quality Calculator
- Wetup
- Wool cheque

Fungicides see Agri-chemicals
Gardening see Horticulture
Genetics see Breeding
GIS see Mapping
Goats see Animals-Other
GPS see also Precision Farming OR Device (digital) OR Mapping
  - Admiral 7
  - AgGPS AutoPilot
  - AgGPS EZ-Map
  - AgGuide LightGuide
  - AutoFarm DataLogger
  - AutoSPRAY 4080
  - AutoSTEER
  - CatchMan
  - Farm Site
  - FarmKeeper
  - FarmMap 5400
  - Farmstar and Farmstart Lite
  - Fish 32N
  - Fish32c
  - Fugawi Global Navigator
  - GP Mapper and GP Mapper Live
  - Guide Mate
  - IrriMAX 7
  - Navmaster Offshore
  - Navmaster Professional
  - NavPak PE
  - NavPakPro
  - Nobitec Visual Navigation Suite
  - Piscatus 3D
  - Radar PC (IR2)
  - Saturn HL
  - Saturn HR
  - Saturn HT
  - SW&N Fish
  - SW&N Professional Navigation
  - TMQ C-Plot
  - AgGuide LevelGuide
  - AgGuide RigGuide
  - AgGuide RotaGuide
  - AgGuide RowGuide – 10cm Omnistar
  - AgGuide RowGuide – 2cm RTK
  - AgGuide Steering Buddy
  - ArcGIS Desktop
  - Legacy 6000 Fieldware
  - Map Maker Pro

Grasses see Pastures
Grazing see Pastures OR Feed OR Animals-Grazing
Gross Margins see Budgeting
Groundwater see also Water Management
  - FlowTube
GST see Taxation
Guidance (auto) see Precision Farming
HACCP see also Quality Assurance OR Legislative Compliance
  - ISES Plan Development
  - Managing On-Farm Grain Storage
  - ProducePak Farm Management
  - ProducePak Mobile Packhouse Management
  - ProducePak Packhouse Management
  - Vineyard Arkive
Harvesting see Cropping
Hazards see Safety
Herbicides see Agri-chemicals
Horses see Animals-Other
Horticulture
  - Adviser, Back Paddock Software
  - Arkive Test Drive
  - Burratronics Grader Conversion
  - Concepts Horticulture
  - FARM Software System
  - Fruit & Vegetable Packing System
  - Harvest TraceMaster
  - Harvest TraceMaster-InterLink
  - Herb Recorder
  - Herboguide
  - Horticulture Arkive
  - Infopest Agvet (on DVD/CD)
  - Infopest AgVet + MSDS (on DVD)
  - IrriMAX 7
  - Manager, Back Paddock Software
  - MarketPOS
  - Mobile Farm Management
  - NETPROFIT: Financial Model
  - PAM Ultracrop
  - ProducePak Farm Management

Fruit see Horticulture
Grains see Cropping
Grapes see Horticulture
• ProducePak Mobile Packhouse Management
• ProducePak Packhouse Management
• Rotator Software Suite
• Xen-BREEDA
• Xen-TRIAL

Horticulture-Grapes
• Avi -Australian Viticultural Investigator
• Bugmatch Grapes
• EzyCellar
• EzyVine
• EzyWine
• EzyWine Enterprise
• Grape Forecaster
• PAM Ausvit
• SPRAYeasy. Chemical Application Software for Vineyards
• Tablegrape Arkive
• Uncorked Cellar, The
• VERA
• VineLOGIC Virtual Vineyard
• Vineyard Arkive
• Vineyard Management System
• Vintage Suite
• Wine Cellar to Seller Software
• Wine File Winery Manager

Horticulture-Lifestyle
• Australian 3D Garden Composer
• Colourful WaterWise Gardening CDRom
• GrowIt Gold Works ME

Horticulture-Olives
• EzyOlive
• Olive Arkive

Horticulture-Orchards
• Bugmatch Citrus
• CitrusPro
• MacMan
• Rambutan Pest Monitoring
• AVOINFO
• AVOMAN
• Orchard Management System

Horticulture-Vegetables
• Potato & Onion Management System
• Potato Profit Calculator
• Simple Farm Budget Template
• Sweet Potato
• Vegetable Management System

HR
• Affinity HR Management
• Affinity Labour Costing
• Affinity Payroll
• Affinity Scheduling/Rostering
• Affinity Time and Attendance
• Allocations
• Cane Guard
• chris 21
• CLEVAware
• Farmers Wage Book
• HR21
• Microsoft Great Plains
• Microstar Workforce Management
• SMATS-Pro
• Voyager AdMaster Plus
• Voyager Commercial
• Voyager Document Master
• Voyager Professional
• WinHR

Hydronomics
• Serial Timer
• Timer
• Timer (Multiple Switchings)
• Timer (pulses in minutes)
• Timer (pulses in seconds)

Identification (species) see Keys

Imagery see Mapping

Imports
• HandiRISK

Insecticides see Agri-chemicals

Insects see Pests

Inventory
• CASHmanager Rural
• CitrusPro
• PAM Enterprise Edition
• PAM QA Plus
• PAM Ultracrop
• Pocket PAM
• ProducePak Farm Management
• ProducePak Mobile Packhouse Management
• ProducePak Packhouse Management
• QuickBooks Plus 2006/07
• QuickBooks Premier 2006/07
• Concepts Cropping
• Concepts Dairy
• Concepts Horticulture
• Concepts Livestock
• Inventory & Load Out

Irrigation see also Water Management
• Aqualink – Irrigation Control Software
• Arkive Test Drive
• Canlink 3000 VRI
• Cellvisor
• Centre Pivot calculator
• Costing an irrigation system (net margin calculator)
• Crop irrigation requirement calculator
• GroGraph
• Horticulture Arkive
• HowLeaky?
• HydroLOGIC
• IPARM
• IrriMAX 7
• Multi-Log
• Multi-Log
• Olive Arkive
• Orchard Management System
• PIRI: Pesticide Impact Rating Index
• Potato & Onion Management System
• Probe for Windows
• Ready Reckoner for Economics of Evaporation Mitigation
• Rotator Software Suite
• Serial Timer
• Surveylight DGPS
• SWIM v2
• Tablegrape Arkive
• Timer
• Timer (Multiple Switchings)
• Timer (pulses in minutes)
• Timer (pulses in seconds)
• TravGun
• Vegetable Management System
• Vineyard Management System
• Wetup
• WiSA Smart predictor
• WISDAM
Keys
- AusGrass
- Australian 3D Garden Composer
- Australia's Native Plants
- HairID
- Lucid Phoenix
- LucID Professional
- Lucid3

Labelling see Supply Chain

Land Condition see Land Management

Land Management
- AGMAPS – Land Manager
- AGMAPS – Land Profiler
- Aust Natural Resources Data Library
- Breedcow and Dynamo
- Bullocks, Destock and Splitsal
- Catcher
- CatchMan
- CatchMAN Planner
- Central Queensland Regional Information System
- CitrusPro
- Classer, The
- DairyInfo Decision Support Tools
- ER Mapper Professional
- Farmbook Premium
- FarmMap
- Feed Cost Calculator
- Flowering Calculator
- Forage Systems Model Online
- Generic Yield and N Calculator
- Green Feed Budget Paddock Calculator
- GrowIt Gold Works ME
- iFarm Mapping
- Imagine
- InShed Assessor
- Land Use Mapping for Australia
- Management of nutrient rich wastes
- Microster Workforce Management
- MIDAS
- MLA Cost of Production Calculator
- MLA Feed Demand Calculator
- MLA Stocking Rate Calculator
- Natural Resource Management data capture and validation database application
- NSW NRAtlas
- Pasture Photo Standards CD
- Pasture Watch
- Phoenix FARMS Mapping
- PlanIT
- Position Statement
- Potential Yield Calculator (PYCAL)
- Property Planning Program
- PUMPS
- RealBiz
- Risk Profiler
- Siphon Flow Calculator
- Stocktake
- VegMachine

Land Use see Land Management OR Natural Resource Management

Landcare see Land Management OR Natural Resource Management

Legumes see Cropping

Lime see Agri-chemicals

Live Export see Export

Mac (Computer platform)
- MYOB AccountEdge (Mac)
- MYOB FirstEdge (Mac)

Macadamias see Horticulture

Machine Control see Device (digital)

Machinery see Equipment Management

Mapping
- AgGPS EZ-Map
- AgGPS EZ-Steer
- AgGuide Cane Yield Monitor
- AgGuide RowGuide – 2cm RTK
- AgGuide Steering Buddy
- AgGuide Vehicle Monitoring System
- ArcGIS Desktop
- AusFarm
- AutoFarm DataLogger
- AutoFarm Viewer
- CatchMan
- CatchMAN Planner
- Central Queensland Regional Information System
- Concepts Cropping
- Concepts Dairy
- Concepts Horticulture
- Concepts Livestock
- ER Mapper Image Compressor
- ER Mapper Image Web Server
- ER Mapper Professional
- Farm Site
- FarmKeeper
- FarmMap
- Farmstar and Farmstart Lite
- FieldWare Tools

Keys
- AusGrass
- Australian 3D Garden Composer
- Australia's Native Plants
- HairID
- Lucid Phoenix
- LucID Professional
- Lucid3

Labelling see Supply Chain

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- FarmMap
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- Flowering Calculator
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- Green Feed Budget Paddock Calculator
- GrowIt Gold Works ME
- iFarm Mapping
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- MLA Feed Demand Calculator
- MLA Stocking Rate Calculator
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- Property Planning Program
- PUMPS
- RealBiz
- Risk Profiler
- Siphon Flow Calculator
- Stocktake
- VegMachine

Land Use see Land Management OR Natural Resource Management

Landcare see Land Management OR Natural Resource Management

Legumes see Cropping

Lime see Agri-chemicals

Live Export see Export

Mac (Computer platform)
- MYOB AccountEdge (Mac)
- MYOB FirstEdge (Mac)

Macadamias see Horticulture

Machine Control see Device (digital)

Machinery see Equipment Management

Mapping
- AgGPS EZ-Map
- AgGPS EZ-Steer
- AgGuide Cane Yield Monitor
- AgGuide RowGuide – 2cm RTK
- AgGuide Steering Buddy
- AgGuide Vehicle Monitoring System
- ArcGIS Desktop
- AusFarm
- AutoFarm DataLogger
- AutoFarm Viewer
- CatchMan
- CatchMAN Planner
- Central Queensland Regional Information System
- Concepts Cropping
- Concepts Dairy
- Concepts Horticulture
- Concepts Livestock
- ER Mapper Image Compressor
- ER Mapper Image Web Server
- ER Mapper Professional
- Farm Site
- FarmKeeper
- FarmMap
- Farmstar and Farmstart Lite
- FieldWare Tools
Fire information resource for the Victoria River District, Northern Territory
Fugawi Global Navigator
GP Mapper and GP Mapper Live
iFarm Crops
iFarm Crops & Livestock
iFarm Livestock
iFarm Mapping
Integrated Vegetation Information for NAP & NRM Regions
Land Use Mapping for Australia
LandMark Farm 2007
Map Maker Pro
MesoMap Live
NSW NRAtlas
PAM Ausvit
PAM Crop Diary
PAM Enterprise Edition
PAM QA Plus
PAM Ultracrop
Pasture Watch
Phoenix FARMS Mapping
PlanIT
SMS Advanced
SMS Basic
VegMachine
Vesper

Market see Trading

Meat Processing
Abattoir / Food Processing Software
BeefLink – Individual Animal Manager
Boning Room Infeed
Clear Enterprise
Feedlot: growth and profit analysis
Intag
Kill Floor Systems
Lamb Growth Predictor
Lime and Nutrient Calculator
Livestock Recording
Marek’s disease model
MetaFarms i-Production
NLIS-Carcass Identification
QA Logbook
Simultaneous Assortment
Thorsys Production and Inventory Control System

Mice see Pests OR Animals-Other

Milk see Cattle

Mineralisation see Soils

Mixed Farming
GRAZPLAN

Modelling
AFLOMAN
APSIM
Aquafarm
AQUAFarmer (V2)
AusBeef
AusFarm
AussieGRASS
Barra Profit
Breedcow and Dynamo
Browser
Bullocks, Destock and Splitsal
BYDV Risk Forecast
Capacity Assessment Tool for Riparian Rehabilitation
Classer, The
CMV Risk Forecast
CottonLOGIC
Croc Profit
Crop Development Tool
Crusader Meat Rabbit Enterprise Model
Dairy effluent calculators
Dairy Herd Model 3
Dairy Predict
DairyInfo Decision Support Tools
Drains
FEAT:Farm Economic Analysis Tool
Feedlot assessment spreadsheet
Feedlot Calculator
Feedlot: growth and profit analysis
Fertcalc
Flowering Calculator
Forage Systems Model Online
Grape Forecaster
GRASP (Grass Production Model)
GrassGro
GrazFeed
GRAZPLAN
Gypsy: discounted cash flow analysis for application of gypsum to sodic soils under sugarcane
Herbiguide

HowLeaky?
HydroLOGIC
Imagine
InShed Assessor
iPARM
MaNage Rice
MaNage Wheat
Management of nutrient rich wastes
Marek’s disease model
MetAccess
MIDAS
MLA Calving Histogram Calculator
MLA Cost of Production Calculator
MLA Feed Demand Calculator
MLA Health Cost Benefit Calculator
MLA Rainfall to Pasture Growth Outlook Tool
Mouser Version 1.0
Mudas
OPTLIME
Oyster Profit
Perch Profit
PERFECT
Piggyry Assessment Spreadsheet
Position Statement
Potassium In Agricultural Systems Model (KASM)
Potential Yield Calculator (PYCAL)
PrawnProfit
Property Planning Program
PUMPS
Quarantine Significance Model (QUASIMODO)
Rainman StreamFlow 4.3
RealBiz
Redclaw Profit
Resistance and Integrated Management Model
Risk Profiler
Risk Ranger
Rotation
Rotator Software Suite
Simulated Transitional Economic Planning (STEP) Decision Tool
Siphon Flow Calculator
SoilMate
Storing Dollars
SWIM v2
Topog
TravGun

105
• Vesper
• VineLOGIC Virtual Vineyard
• WA Wheat
• WAVES
• Wetup
• Whopper Cropper, Back Paddock Software
• Yield Prophet

Native Plants see Plants-Assorted

Natural Resource Management
• AGMAPS – Land Manager
• AGMAPS – Land Profiler
• Aust Natural Resources Data Library
• Capacity Assessment Tool for Riparian Rehabilitation
• Catcher
• CatchMAN Planner
• Dairy effluent calculators
• e-EMS
• Farm Forestry Toolbox
• FARM Software System
• Feedlot assessment spreadsheet
• HowLeaky?
• Integrated Vegetation Information for NAP & NRM Regions
• IrriMAX 7
• Land Use Mapping for Australia
• Monitoring Assist Software
• myEMS
• Natural Resource Management data capture and validation database application
• NSW NRAtlas
• Timer
• WAVES

Navigation see see Fishing

Nematodes see Pests

Netting see Pests

Nitrogen see Agri-chemicals

NLIS see also Legislative Compliance
• AgMobile
• Aleis DataLink
• BeefLink Keystroke
• BeefLink – Individual Animal Manager
• CattleCard
• CattleLink
• Farm Stock
• Intag

• Koolcollect Calf Trader
• Livestock Recording
• NLIS System
• PAM Individual Animal recordkeeping
• Pipe Reader
• ProKollect
• QA Logbook
• RaceMATE
• Stockbook
• SuperKool
• Thorsys NLIS Mobile

NRM see Natural Resource Management

Nutrients see also Agri-chemicals
• CamBeef
• GrazFeed
• Lime and Nutrient Balance
• Lime and Nutrient Calculator
• Maxiyield
• NutriLOGIC Online
• Potassium In Agricultural Systems Model (KASM)
• SWIM v2

Nutrition see Feed

Office Support
• EquiMASTER
• Farm Site
• Farm Site Professional
• FeedMania
• Goatch
• Green Feed Budget Paddock Calculator
• Herb Recorder
• Herd file
• HerdMASTER
• Horse Stud Manager
• JASMaster
• Lamb File
• LandMark Money 2007
• Machinery Recorder
• Paddock File
• Pet Breed Recorder
• RaceMATE
• Rural Pack
• Soil File
• Swine File
• Weight Recorder

Oilseed see Cropping

Olives see Horticulture

Onions see Horticulture

Orchards see Horticulture

Ostriches see Animals-Other

Oysters see Aquaculture/Fisheries

Packhouse see Supply Chain

Packaging see Supply Chain

Paddocks see also Land Management
• Cattle Fattening Records
• Concepts Cropping
• Concepts Dairy
• Farm Site Professional
• Farm Trac Plus
• Farmbook Premium
• FertiPlan
• FuzMe
• Imagine
• Paddock Area Calculator
• Paddock File
• PAM Crop Diary
• PAM Enterprise Edition
• PAM QA Plus
• PAM Ultracrop
• ProKollect
• Rotation
• Rural Pack

Parasites see Pests OR Diseases

Pastures
• AusGrass
• AussieGRASS
• Breedcow and Dynam
• Concepts Dairy
• Concepts Livestock
• Farmbook Premium
• FeedPlan Pro
• GRASP (Grass Production Model)
• GrassGro
• GrazFeed
• GRAZPLAN
• Green Feed Budget Paddock Calculator
• Herbiguide
• Integrated Vegetation Information for NAP & NRM Regions
• MLA Rainfall to Pasture Growth Outlook Tool
• NemaSYS
• Pasture Composition Recording Sheet
• Pasture Improvement Calculator
• Pasture Photo Standards CD
• Pasture Sense
• Saturn HL
• Saturn HR
• Saturn HT
• Serial Timer
• StarFire RTK
• Timer (Multiple Switchings)
• Timer (pulses in minutes)
• Timer (pulses in seconds)

Processing see Supply Chain OR Meat Processing

Profit and Loss see Budgeting

Property Maps see also Land Management
• Adviser, Back Paddock Software
• AgGuide RowGuide – 2cm RTK
• AgGuide Steering Buddy
• Concepts Cropping
• Concepts Dairy
• Concepts Horticulture
• Concepts Livestock
• Farm Site Mate
• FarmKeeper
• FarmMap
• FieldWare Tools
• IFarm Crops
• IFarm Crops & Livestock
• IFarm Livestock
• IFarm Mapping
• Manager, Back Paddock Software
• Paddock Area Calculator
• Phoenix FARMS Mapping
• PlanIT

Pulses see Cropping

Pumps see Water Management

Quality Assurance see also Risk Assessment
• AgInfoLink.NET Online Solutions
• Arkive Test Drive
• Burratronics Label Printing System
• CattleLink
• ER Mapper Professional
• Export calculator
• Export-It
• Export-It Plus
• FARM Software System
• Farm Stock
• Food Safety Toolkit
• HandiRISK
• Horticulture Arkive
• HS: Heat Stress Model for Live Export
• iAppraise
• iAudit
• IFarm Crops
• IFarm Crops & Livestock
• IFarm Livestock
• hACCP
• IMobility
• Infopest MSDS (on CD)
• Inventory & Load Out
• ISES Plan Development
• JASMaster
• MacMan
• Management of nutrient rich wastes
• Managing On-Farm Grain Storage
• Managing Seafood Safety
• MEATCOM
• myEMS
• NLIS System
• Olive Arkive
• Orchard Management System
• PAM Ausvit
• PAM Crop Diary
• PHA-Pro7
• Phoenix FARMS Cropping
• PIRI – Pesticide Impact Rating Index
• Plant Assessor
• Pork Cost of Production Calculator
• ProducePak Mobile Packhouse Management
• QAAIS
• Quality e-book
• Quality Manager Toolkit
• Qudos System 2
• Qudos System 3
• Qudos System 3 – Hosted option
• RealBiz
• Seafood EMS CD
• Tablegrape Arkive
• Tablet/Browser Based Quality Assurance Solution
• Vineyard Arkive
• WinOHIS

Rabbits see Pests OR Animals-Other

Radar see Navigation

Rainfall see Weather

Rambutans see Horticulture

Recharge & Discharge see Water Management

Recordkeeping
• Abattoir / Food Processing Software
• AgGPS 170 Field Computer
• AgGPS TrimFlight3
• Agricultural Management Systems
• Alpaca Breeders Toolkit
• AlpacaPlan
• Arkive Test Drive
• AutoFarm DataLogger
• AutoSPRAY 4080
• AutoSTEER
• AVOMAN
• Bee Hive
• BulkView
• Cattle Fattening Records
• CattleCard
• CLEVAware
• Concepts Cropping
• Concepts Dairy
• Concepts Horticulture
• CottonLOGIC
• Cow Sense
• CowPAD – DairyWIN for the Palm Pilot
• Crop Master Online: Spray Diary
• Customer Manager 2006/07
• Dairy Data for Windows
• Dairy Herd Model 3
• Dairy Stud
• DairyWIN
• Deer Recorder
• DES
• Dog Breeder
• EasiAccess
• Easy Dairy 2006
• EggMaster
• eGrid
• Emus & Ostriches
• e-Record
• e-Reg (electronic Registration)
• Farm Site Mate
• Farm Site Professional
• FARM Software System
• Farm Stock
• Farm Stock Mate
• Farm Trac Mate
• Farm Trac Plus
• Farmbook Premium
• FarmHand
• FarmKeeper
• Fleece Weighing Analysis
• Goat Tracks
• HydroLOGIC
- iFarm Crops
- iFarm Crops & Livestock
- Koolcollect Calf Trader
- Last Effective Flower Tool
- Livestock Recording
- MacMan
- MacroFleece
- MacroStud
- MetaFarms i-Production
- Mobile Farm Management
- Multi-Log
- MYOB AccountEdge (Mac)
- MYOB Accounting
- MYOB Accounting Plus
- MYOB BusinessBasics
- MYOB FirstEdge (Mac)
- MYOB JustInvoices
- MYOB Premier
- MYOB Premier Enterprise
- NLIS-Carcass Identification
- NSW DPI Farm Forms – Livestock
- Olive Arkive
- Orchard Management System
- Paddock File
- PAM Multiclient Add On
- PAM QA Plus
- PAM Ultracrop
- Pasture Sense
- PBSELECT-The online PigBLUP service
- PC Farm
- Pesticide Application recording form.
- PigPP Piggery Performance Programme
- Pigtales
- Pipe Reader
- Pocket PAM
- Potato & Onion Management System
- Probe for Windows
- ProKollect
- QuickData
- Rain Records
- Saturn HL
- Saturn HR
- Saturn HT
- Sheep Data Acquisition and Reporting Systems
- Soil Cone Penetrometer
- SPRAYeasy. Chemical Application Software for Vineyards
- Stockbook
- Tablegrape Arkive
- Tablet/Browser Based Quality Assurance Solution
- Thorsys NLIS Mobile
- Topstud
- Vaquitec
- Vegetable Management System
- VetPAD
- Vineyard Arkive
- Vineyard Management System
- Vintage Suite
- Wine File Winery Manager

**Recordkeeping-Animals**
- Alesis DataLink
- BeefLink – Individual Animal Manager
- Beefstud
- Boning Room Infeed
- BreedObject
- CamBeef
- CattleWeb
- Cunitec
- DairyPlan C21
- Elders Cost of Production Calculator
- Farm Stock
- Feedlot: growth and profit analysis
- Flock File
- Herd file
- iFarm Livestock
- ILR2: International Livestock Registry 3
- Imagenes
- Koolcollect
- Lamb Growth Predictor
- Link 3000
- MacroWeigh
- Milk Manager for Windows
- MISTRO Farm 5
- MISTRO Pocket
- MISTRO Shed
- MISTRO Wand
- MLA Cost of Production Calculator
- PAM Enterprise Edition
- PAM Individual Animal Recordkeeping
- Phoenix FARMS Livestock
- Rabbit Central
- Sell or Feed Analysis Tool
- StockaID
- Swine File
- Transweigh
- Weigh Label System
- Weight Recorder
- WoolPak
- Xen-BREEDA

**Recruitment** see HR

**Redclaw** see Aquaculture/Fisheries

**Remote Control** see also Devices (Digital)
- BulkView
- Cellvisor
- Farm Messenger
- Observant Remote Management Solution
- PTE0700 Remote Electric Fence Monitor
- Serial Timer
- Timer (Multiple Switchings)
- Timer (pulses in minutes)
- Timer (pulses in seconds)

**Restoration** see Natural Resource Management

**RFID** see Animal Recordkeeping OR Supply Chain

**Rice** see Cropping

**Risk Assessment**
- Adviser, Back Paddock Software
- APSIM
- CLEVAware
- Climate Calculator
- Export calculator
- GrassGro
- GRAZPLAN
- HandiRISK
- iManage Risk
- Manager, Back Paddock Software
- MetAccess
- Nine Lives Risk Manager
- OHS Action
- PHA-Pro7
- PIPI – Pesticide Impact Rating Index
- Quarantine Significance Model (QUASIMODO)
- Qudos Risk Assessor
- Qudos System 2
- Qudos System 3
- Qudos System 3 – Hosted option
- Risk Profiler
- Risk Ranger
- RiskSafe7
- Risky Business
- SHE Software
- Tickit
- Whopper Cropper, Back Paddock Software

Rostering see HR

Rotary Dairy see Cattle

Safety
- FARM Software System
- First Aid Now
- Forklift-Aware
- iManage Risk
- Infopest MSDS (on CD)
- OHS Action
- Plant Assessor
- Qudos System 3
- RiskSafe7
- Safety Manager
- SHE Software
- SMATS-Pro
- WinOHS
- ZAFTI-Aware

Sales see Trading OR Supply Chain

Salinity
- HARTT
- ImiMAX 7
- Topog
- Topstud
- Water Quality Calculator

Salmon see Aquaculture/Fisheries

Satellite see Mapping

Sea Charts see Navigation

Seafood see also Aquaculture/Fisheries
- Managing Seafood Safety
- MarketPOS
- Seafood EMS CD

Seeding see Sowing OR Precision Farming

Seeds
- Xen-BREEDA
- Xen-TRIAL

Sheep
- Budget Solutions
- Elders Cost of Production Calculator
- Farm Stock
- Feedlot Calculator
- Flock File
- GRAZPLAN
- Green Feed Budget Paddock Calculator
- Lamb File
- Lamb Growth Predictor
- Lamb Lot Feeding Calculator
- Merino Bloodline Comparison
- Merino Superior Sires
- Merino vs Terminal Sire Flock Model
- MIDAS
- Mutton versus Wool Calculator
- NSW DPI Farm Forms – Livestock
- OBJECT
- OFFM Calculator, The
- Ovitec
- RaceMATE
- RAMPOWER 2000
- SELECT
- Selection Assist
- Sell or Feed Analysis Tool
- Sheep & Wool Gross Margin Template
- Sheep Data Acquisition and Reporting Systems
- Sheep Genetics Australia
- Sheep Transport Cost Calculator
- Simultaneous Assortment
- StockPlan
- Wether Calculator
- WormBoss

Sheep-Wool
- Classer, The
- E2
- eGrid
- Fleece Calculator
- Fleece Weighing Analysis
- InShed Assessor
- MacroFleece
- Micron PC
- OFDA2000
- Position Statement
- Talman StockTake (PocketPC)
- Talman WoolBuyer
- TopMaker
- Virtual Classer
- Wool Clearing
- Woolcheque
- WoolPak
- xBuy
- xProcess
- xSell
- xWDO

Siphons see Water Management OR Irrigation

Sires see Breeding

Social Assessment
- Capacity Assessment Tool for Riparian Rehabilitation

Sodic see Soils

SOI (Southern Oscillation Index) see Weather

Soil Moisture see Soils

Soils
- AgWISE
- Aqualink – Irrigation Control Software
- Banks
- CottonLOGIC
- Drains
- Easy Dairy 2006
- Fertcalc
- FertiPlan
- GRASP: Grass Production Model
- GroGraph
- Gypsum: discounted cash flow analysis for application of gypsum to sodic soils under sugarcane
- HowLeaky?
- HowOften?
- HowWet?
- ImiMAX 7
- Leakage Calculator
- Lime and Nutrient Balance
- Lime and Nutrient Calculator
- MaNage Rice
- MaNage Wheat
- Managing On-Farm Grain Storage
- MaxYield
- Multi-Log
- Natural Resource Management data capture and validation database application
- NeuroTheta
- NP Decide
- NSW NRAtlas
- NutriLOGIC Online
- OPTLIME
- OVERSched
- Potassium In Agricultural Systems Model (KASM)
- Potential Yield Calculator (PYCAL)
- Probe for Windows

Shelterbelts see Natural Resource Management

Silage see Feed

Silos see Cropping

Simulations see Modelling
Select Your Nitrogen
Soil Cone Penetrometer
Soil File
SoilMate
Swagman-Destiny
Swagman-Farm
SWIM v2
TerraCom Viewer
Topstud
TurWise
WAVES
WormBoss
Yield Prophet
Soil-Water see Soils
Soil-Water Sounder see Fishing
Soil-Water Sowing see Fishing
Spatial Imagery see Mapping
Spatial Imagery Spatial Prediction see Modelling
Spray Diary see Agri-chemicals
Spraying (Automated) see Precision Farming
Standards see Risk Assessment
Steering (Automated) see Precision Farming
Stock Control see Herds OR Inventory
Stock Control Stud see Breeding
Stock Control Sugarcane see Cropping
Supply Chain see Cropping
Supply Chain see also Export OR Trading
Supply Chain AgMobile
Supply Chain AgriSphere
Supply Chain ALFI database
Supply Chain Arkive Test Drive
Supply Chain BeefLink Keystroke
Supply Chain BeefLink – Individual Animal Manager
Supply Chain Boning Room Infeed
Supply Chain Burratronics Grader Conversion
Supply Chain Burratronics Label Printing System
Supply Chain Cattle Transport Costs Calculator
Supply Chain CattleCard
Supply Chain CitrusPro
Supply Chain Customer Manager 2006/07
Supply Chain Feedlot: growth and profit analysis
Supply Chain Fruit & Vegetable Packing System
Supply Chain Harvest TraceMaster
Supply Chain Harvest TraceMaster-InterLink
Supply Chain Horticulture Arkive
Supply Chain Intag
Supply Chain ISES Plan Development
Supply Chain Kill Floor Systems
Supply Chain Koolcollect
Supply Chain Label Design & Control
Supply Chain Labelterm
Supply Chain Livestock Recording
Supply Chain Managing On-Farm Grain Storage
Supply Chain Manufacture Assist
Supply Chain Market Network
Supply Chain MarketPOS
Supply Chain Microsoft Great Plains
Supply Chain OFDA2000
Supply Chain Olive Arkive
Supply Chain PHA-Pro7
Supply Chain Processing Assist
Supply Chain ProducePak Farm Management
Supply Chain ProducePak Mobile Packhouse Management
Supply Chain ProducePak Packhouse Management
Supply Chain Production Scheduling & Control
Supply Chain QAAIS
Supply Chain Retail Point of Sale 2006/07
Supply Chain Scan pack System
Supply Chain Sheep Transport Cost Calculator
Supply Chain Specification & Labelling Control
Supply Chain Tablegrape Arkive
Supply Chain Thorsys Production and Inventory Control System
Supply Chain Transweigh
Supply Chain Vineyard Arkive
Supply Chain Weigh Label System
Supply Chain Wine Cellar to Seller Software
Supply Chain xProcess
Supply Chain xWDO
Sustainability e-EMS
Sustainability myEMS
Target Tracking see Fishing
Taxation BankLink
Taxation Cash BAS
Taxation Cashbook Plus! – Primary Producer
Taxation Cashbook Plus! – Small Business
Taxation CashMagic
Taxation CASHmanager Rural
Taxation e-Record
Taxation Farm Accounts
Taxation Farm Cash for Windows
Taxation Phoenix Gateway
Taxation QuickBooks Plus 2006/07
Taxation QuickBooks Premier 2006/07
Taxation Quicken Home and Business 2005/06
Taxation Tax Rates, Calculators and Tools
Training Arkive Test Drive
• Cane Guard
• Canegrub
• CLEVAware
• First Aid Now
• Forklift-Aware
• Horticulture Arkive
• NSW DPI Farm Forms – Cashbook
• Olive Arkive
• Tablegrape Arkive
• TNA-Pro

Traits see Breeding

Transport see Supply Chain

Trawling see Fishing

Tuna see Aquaculture/Fisheries

Vegetables see Horticulture

Vegetation see Natural Resource Management OR Plants-Assorted OR Pastures

Vehicles see Equipment

Vessel Positioning see Navigation

Veterinary Data see Animal Health

Vineyards see Horticulture-Grapes

Viticulture see Horticulture-Grapes

Wastes
• Dairy effluent calculators
• Feedlot assessment spreadsheet
• Management of nutrient rich wastes
• Piggery Assessment Spreadsheet

Water Management
• AgET
• Aqualink – Irrigation Control Software
• Canlink 3000 VRI
• Catcher
• Colourful WaterWise Gardening CDRom
• Dam Volume Calculator
• DAMCAT-5
• Drains
• Flowtube
• GroGraph
• HARTT
• HowLeaky?
• HowMuch?
• HydroLOGIC
• IPARM
• Leakage Calculator
• NSW NRAAtlas
• Observant Remote Management Solution
• OVERSched
• PERFECT
• Probe for Windows
• Pump cost and tariff comparisons
• RainTank2
• RainTank2
• Serial Timer
• Swagman-Destiny
• Swagman-Farm
• SWIM v2
• Timer
• Timer (Multiple Switchings)
• Timer (pulses in minutes)
• Timer (pulses in seconds)
• Topog
• TurfWISE
• Water Quality Calculator
• WiSA Smart predictor

Weather
• AgWISE
• AirData Vector Analysis
• Arkive Test Drive
• Cellvisor
• Climate Calculator
• Crop Development Tool
• DroughtPlan
• EasyAccess
• Farmbook Premium
• GrassGro
• GRAZPLAN
• HARTT
• Horticulture Arkive
• HowOften?
• HowWet?
• Last Effective Flower Tool
• Leakage Calculator
• MesoMap Live
• MetAccess
• MLA Rainfall to Pasture Growth Outlook Tool
• Olive Arkive
• Rain Records
• Rainfall Reliability Wizard
• Rainman StreamFlow 4.3
• SILO Cotton Day Degree Calculator
• Swagman-Destiny
• Swagman-Farm
• Tablegrape Arkive
• WAVES
• Weather Display
• Weather Display Live
• Yield Prophet

Website Creation see Trading

Weeds see also Pests
• Avi -Australian Viticultural Investigator
• Crop Guard
• Declared Plants of Australia
• Herbiguide
• Quarantine Significance Model (QUASIMODO)
• Resistance and Integrated Management Model
• Suburban and Environmental Weeds
• Weed Biocontrol

Weights see Animal Recordkeeping

Wheat see Cropping

Wholesalers see Supply Chain

Wineries see Horticulture

Wool see Sheep

Worms see Pests OR Soils OR Animal Health

Yield Estimate see Budgeting
Chapter 7: The 2006 Software Audit

This is a list of the software encountered when researching Australian farm software during the period 2005-06, a scan which produced over 1500 potential software titles.

Eliminated (and not recorded) were 300 software titles, as they were just duplications caused by version numbering, individual naming of integrated modules, or membership in a suite or family of products (eg, Lite, Pro, Enterprise). Once the version duplicates were eliminated, it left just over 1200 potential software titles to research (N=1233).

Of those which remained, 25 pieces of software were found to be currently under development or had a pending status (Code: DEV), 22 were deemed 'not suitable' (Code: N/A), 81 titles had been renamed (their new name is given below) and 101 titles were now considered obsolete (Code: OBS).

Fifty-two items were identified as digital devices/machines (Code: EQUIP), 22 were not software (Code: NOT) and nine were international and beyond the scope of this project (Code: INT).

The status of 244 titles was not confirmed (Code: UC) as we were unable to source a product manager willing to confirm the product’s status and/or descriptive details. Please note that those titles not updated over the next year will be tagged as obsolete in the next update of this database. To take ownership, or update of the status of an unconfirmed title, send an email to farm.software@dpi.qld.gov.au.

Finally, a list of 675 software titles remained as active. These are current as of 30 December 2007 and are products that we have been advised are distributed and supported in Australia and are directly relevant to the operation of a primary production enterprise.

This chapter presents the list of titles researched and their status as indicated by the attached code. No code means that the title is a current software title whose details can be viewed in the Australian Farm Software Directory (Chapter 4).

| 3D-MC [UC] | Agriculture Management Systems |
| Abalone Assist System | Agricultural Production Systems simulator, renamed: see APSIM |
| Abalone Planner [UC] | AgriLocate [UC] |
| Abattoir/Food Processing Software | AgriMaps [UC] |
| About Declared Plants of Aust, renamed: see Declared Plants of Australia | Agrimaster 5 |
| About Pest Thrips of the World | Agrimaster 5 Essentials |
| Accutrak [UC] | Agrimaster 5 Farm Manager |
| Admiral 7 | Agrimaster 5 Lite |
| Adviser, Back Paddock Software | AgriSphere |
| Affinity HR Management | Agroforestry Calculator [UC] |
| Affinity Labour Costing | AgStats on GSP [UC] |
| Affinity Payroll | AgWISE |
| Affinity Payroll & HR Analysis | Air Tracker [OBS] |
| Affinity Scheduling/Rostering | AirData Vector Analysis |
| Affinity Time and Attendance | Alesis DataLink |
| Aflatoxin Risk Software, renamed: see AFLOMAN | ALFI database |
| AFLOMAN | Alpaca database |
| AgCheck [INT] | Alpaca Breeds Toolkit |
| AgET | AlpacaPlan |
| AgGPS 170 Field Computer | AMIRS Clip Benchmarking Tool [EQUIP] |
| AgGPS AutoPilot | AMIRS Cost of Production Calculator [EQUIP] |
| AgGPS EZ-Map | AMIRS Processing Calculator [EQUIP] |
| AgGPS EZ-Steer |  |
AMIRS Wool Appraisal [EQUIP]
AM-Win (lite, Levels 1, 2 & 3)
Anthracnose Tracer [UC]
ANZ Farm Budget Planners
AP Soil [N/A]
APL Products [DEV]
APSIM
AquaFarm
AQUAFarmer (V2)
Aqualab [UC]
Aqualink – Irrigation Control Software
AquaProfit Series
ArcGIS
ArcView see ArcGIS
Arkive Test Drive
ASSESS [OBS]
ATO Rates Calculators and Tools
Attaché Payroll
AuctionPlus Pty Ltd
AuditMASTER [UC]
AusBeef
AusFarm
AusGrass
AUSPIG
Ausplow [EQUIP]
Aussie Grass
Aust Grain Insect Resistance DB, renamed: see AGIRD
Aust Natural Resources Data Library
Australia by Satellite [UC]
Australian 3D Garden Composer
Australian Citrus information [OBS]
Australian Grain Insect Resistance Database, The, renamed: see AGIRD
Australian Natural Resources Audit, renamed: see Aust Natural Resources Data Library
Australian Sheep Genetics Database, renamed: see Sheep Genetics Database
Australia’s Native Plants
AusVit, renamed: see PAM AusVit
AutoFarm [EQUIP]
AutoFarm DataLogger
AutoFarm Viewer
AutoSPRAY 4080
AutoSTEER
Av-Australian Viticultural Investigator
Avocado Model [UC]
AVOINFO
Avoman
Avapta [UC]
BachHus Stud System [UC]
Balancing Production With Nature [UC]
BankLink
Banks
BarnChamp [OBS]
Barra Profit
Batch farrowing software [DEV]
Bee Hive
BeeF-N-Omics
BeeF Cattle Gross Margin Template
BeeF genetics [UC]
BeeF One [UC]
BeeF Options [UC]
BeeFbal [OBS]
BeeFlink – Individual Animal Manager
BeeFlink Keystroke
BeeFstud
Beehive [UC]
BestMate [UC]
BestPrac [NOT]
BigRedSky [UC]
Bird scare [EQUIP]
Bizef-Pro [UC]
BizCheck for Meat [NOT]
Blackleg Risk Appraisal Tool [UC]
Blackleg Sporacle [UC]
Blackspot Manager [UC]
Boning Room Infeed
Breakeven [UC]
Breedcow and Dynamo
BreedEwe [UC]
BreedObject
Breedplan
Browser
Budget Solutions
Budgeting (Farm Budgeting System) [UC]
Bugmatch Citrus
BugMatch Cotton
Bugmatch Grapes
BulkView
Bull Ant Calculator [OBS]
Bull Sale Catalogue
Bullocks [OBS]
Bullocks, Destock and Splitsal
Burratronics Grader Conversion
Burratronics Label Printing System
Business Support Tools
BYDV Risk Forecast
CA$H, see Cash
CamBeef
CamDairy
Cane Guard
CaneCheck [NOT]
Canegrub
Caneman [UC]
Canlink 3000 VRI
Capacity Assessment Tool for Riparian Rehabilitation
Carpace EBVs [OBS]
Carcase Identification (Mob management), renamed: see NLIS-Carcass Identification
Cash BAS
Cash Concepts for Windows, renamed: see CASHmanager Rural
Cashbook complete [OBS]
Cashbook Lite, renamed: see Cashbook Plus
Cashbook Plus! – Primary Producer
Cashbook Plus! – Small Business
Cashflow Manager [UC]
CashMagic
CASHmanager Business [OBS]
CASHmanager Debtors
CASHmanager Rural
Catcher
CatchMan
CatchMAN Planner
Cattle Fattening Records
Cattle Plus! [OBS]
Cattle Transport Costs Calculator
CattleCard
CattleCare [NOT]
CattleLink
CattleWeb
Cellvisor
Central Queensland Regional Information System
Centre Pivot calculator
Cits Pro
Classer, The

LEGEND
[EQUIP] digital device
[INT] non-Australian
[N/A] software not suitable for farmers;
[NOT] not software;
[OBS] software no longer distributed;
[DEV] software currently in development;
[UC] status of title unable to be confirmed in 2006.

NOTE: In future editions, [UC] titles to be converted to [OBS] status unless otherwise advised by email to:
farm.software@dpi.qld.gov.au
Cleaning Master [UC]
Clear Enterprise
CLEVAware
Climate Calculator
CMV Risk Forecast
Colourful WaterWise Gardening CD
ComBase [N/A]
Compute-A-Grade [UC]
Compute-A-Grade Plus [UC]
Computerised Cashbook [OBS]
Concepts Cropping
Concepts Dairy
Concepts Horticulture
Concepts Livestock
Concepts Rural Suite [OBS]
Conference CD [UC]
Contract Harvesting Costs Calculator
Cool Collect, renamed: see Koolcollect
Costing an irrigation system (net margin calculator)
CottonLOGIC
Cow Sense
CowChow [UC]
CowPAD – DairyWIN for the Palm Pilot
CowTime
CQ Beef GMs [DEV]
CroChow
CrocTel [UC]
Crop & Stock [OBS]
Crop Calc [OBS]
Crop Development Tool
Crop Facts 2003 Farm [OBS]
Crop Facts 2003 Pro [OBS]
Crop Guard
Crop irrigation requirement calculator
Crop Management CDROM
Crop Master Online: Crop Diary
Crop Master Online: Spray Diary
Crop Optimiser [UC]
Crop Recorder
Crop&Stock [UC]
CropChoice [UC]
CropFacts [OBS]
CropFacts 2003 Farm [UC]
CropFacts 2003 Professional [UC]
Crop Optimiser [UC]
CropScan (asst Models) [EQUIP]
CropTest Potato [EQUIP]
Crusader Meat Rabbit Enterprise Model
CUD
CueMate [UC]
Cunitec
Customer Manager 2006/07
CycDesign [N/A]
Dairy – FeedPlan
Dairy – FeedSmart
Dairy – Higro [OBS]
Dairy Data for Windows
Dairy Decisions, renamed: see CowTime
Dairy Effluent Calculators
Dairy effluent, renamed: see Dairy Effluent Calculators
Dairy Express [UC]
Dairy flood wash, renamed: see Dairy Effluent Calculators
Dairy Herd Model 3
Dairy ID (2000) [UC]
Dairy ID (One) [UC]
Dairy pond, renamed: see Dairy Effluent Calculators
Dairy Predict
Dairy solids trap, renamed: see Dairy Effluent Calculators
Dairy Stud
Dairybal [OBS]
DairyInfo Decision Support Tools
Dairying Better ‘n Better [OBS]
DairyPlan C21
DairyWIN
Dam Volume Calculator
DAMCAT4 (also a DAMCAT3)
Datacall
DataPlus Version 3.0 [N/A]
DataStock 2000 [EQUIP]
Declared Plants of Australia
Deer Recorder
DES
Desire
DFREML [EQUIP]
Diagnosis for Crop Problems [OBS]
DIET: DOS based [UC]
Distance [EQUIP]
Diviner 2000 [OBS]
Dog Breeder
DPI/DOCS [UC]
Drainage meter [EQUIP]
Drains
Drench Decision Tool
WormMaster, renamed: see WormBoss
Drought Management Tools
DroughtPlan
DSS Tools - market information [OBS]
E2
Early Season Diagnosis, renamed: see Crop Development Tool
EasiAccess
Easy Dairy 2006
EasyAG [OBS]
EasyCheck [UC]
EasyClear [UC]
EasySale Plus [UC]
eChemseek [UC]
Eclipse, renamed: see E2
Economics of Crop Fattening [UC]
EdAid [UC]
e-drive [EQUIP]
e-EMS
EggMaster
eGrid
Elders Cost of Production Calculator
Elders Weather [UC]
Electronic Sheep ID [OBS]
Emus & Ostriches
encosFIRM [UC]
Encyclopedia of Soft Skills [DEV]
Endeavour 2 [OBS]
Enterprise Risk Assessor [INT]
extomoLOGIC [UC]
Environmental Management Program [UC]
EnviroSCAN [OBS]
EnviroSCAN Plus [OBS]
EnviroSCAN Solo [OBS]
EnviroSMART [OBS]
e-PayDay
e-PayDay PayKey [UC]
e-PayDay Time & Attendance
e-Piggery [UC]
EpiMAN-TB
Equalize Diet Formulation and Feeding Management Software for Horses
EquiMASTER
ER Mapper Image Compressor
ER Mapper Image Web Server

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ER Mapper Professional
E-Record
E-Reg (electronic Registration)
E-SHEEP [EQUIP]
Essential [UC]
e-Train [NOT]
e-Style Guide for Stripe Rust [UC]
e-Style Profiler [UC]
eWage [UC]
e-wool Forward Pricing [UC]
e-wool Spot Pricing [UC]
e-wool Wool Production Plan [UC]
EWP-Aware [UC]
Export calculator
Export-It
Export-It Plus
expressHR [UC]
EZ guide plus, renamed: see EZ-Map
EZ-Map [UC]
EZ-Toolbox [UC]
EzyCashbook v2.0 [UC]
EzyCellar
EzyOlive
EzyWine
EzyWine Enterprise
Farm Accounts
Farm Books [OBS]
Farm Budget Planners, renamed: see ANZ Farm Budget Planners
Farm Business Manager [UC]
Farm Business Manager Plus [UC]
Farm Cash for Windows
Farm Cash Manager (+Lite) [UC]
Farm Excel Livestock [UC]
Farm Excel Machinery [UC]
Farm Excel Paddocks [UC]
Farm Excel Property [UC]
Farm Forestry Toolbox
Farm Form – Cashbook, renamed: see NSW DPI Farm Forms – Cashbook
Farm Form-Crop, renamed: see NSW DPI Farm Forms – Crops
Farm Form – Livestock, renamed: see NSW DPI Farm Forms – Livestock
Farm Fund
Farm Guide Mate, renamed: see Guide Mate
Farm Messenger [UC]
Farm Office – Analysis [EQUIP]
Farm Office – Chemical [EQUIP]
Farm Office – Machinery [EQUIP]
Farm Office – Payroll [EQUIP]
Farm Office–Risk Manager [EQUIP]
Farm Operations [EQUIP]
Farm Pay [UC]
Farm Productivity [UC]
Farm Site
Farm Site Mate
Farm Site Professional
Farm Software System
Farm Stock
Farm Stock
Farm Stock Mate
Farm Trac [UC]
Farm Trac Mate
Farm Trac Plus
Farm Track [DEV]
Farm Tracker [OBS]
FARM WATER [UC]
Farm Works [UC]
Farmbook Premium
Farmers Wage Book
FarmFund [UC]
FarmHand
FarmMAGE [UC]
FarmKeeper
Farmmap 5400
FarmMap
FamPlan [INT]
Farmstar and Farmstar Lite
Farmstratagy [UC]
FarmSuite [INT]
FarmTracker [OBS]
Farmtrax [UC]
FarmWi$e, renamed: see AusFarm
Farmwide [OBS]
FEAT: Farm Economic Analysis Tool
Feed Assist, renamed: see Manufacture Assist
Feed Cost Calculator
Feedlot
Feedlot assessment spreadsheet
Feedlot Calculator
Feedlot: growth and profit analysis
Feedlotting [OBS]
FeedMania
FeedPlan (PBX) [UC]
FeedPlan Pro
Fertcalc
Fertiliser Adviser Crops [UC]
FertiPlan
FibreSoft [UC]
FibreSoft [UC]
FIDO V2 [DEV]
FieldWare Tools
Findings and Outcomes of the Beef CRC – CD I Genetics
FinFish Planner [UC]
Fire information resource for the Victoria River District, Northern Territory
Fire management in the VRD, renamed: see Fire information resource for the Victoria River District, NT
First Aid Now
Fish 32N
Fish32c
Fishery Assist Software
Fleece Calculator
Fleece Weighing Analysis
Fleecescan [EQUIP]
Flock File
Flockcare [NOT]
Florabank [UC]
FlowCast [OBS]
Flowering Calculator
Flowtube
Food Safety Toolkit
FOP Analyser [EQUIP]
Forage Systems Model Online
Forest Explorer [UC]
Forklift-Aware
Fox and Rabbit Management
Frontier Payroll Services
Fruit & Vegetable Packing System
Fugawi Global Navigator
Full Stop [EQUIP]
Future Fleece [OBS]
FuzMe
Garmin GPSMAP76 [EQUIP]

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| Generic Yield and N Calculator | \[UC\] |
| Genetic Tool Kit | | |
| Genetics | [N/A] |
| Geneup | [EQUIP] |
| Genstat | [N/A] |
| GeoMine | [N/A] |
| Goat Herd | \[N/A\] |
| Goat Tracks |  |
| GP Mapper and GP Mapper Live |  |
| Grain & Fodder Trading Template |  |
| Grain Storage Calculator |  |
| Grain Storage Tutor | \[UC\] |
| Grape Forecaster | \[OBS\] |
| Graphic Control | [OBS] |
| GRAS (Grass Production Model) |  |
| GrassGro |  |
| GrazePro | [OBS] |
| Grazing Crop Budget Calculator |  |
| GRAZPLAN |  |
| GRDC Paddock Diary | [OBS] |
| Green Feed |  |
| Green Feed Budget Calculator (sheep) | [UC] |
| GreenSeeker RT100 | [UC] |
| GreenSeeker RT200 VRT | [UC] |
| GreenStar2 |  |
| GroGraph |  |
| GroSmart | [EQUIP] |
| Gross Margin Calculator | [DEV] |
| Growt Gold Works ME |  |
| GrowSearch | [NOT] |
| Guide Mate |  |
| Guide Mate Module, renamed: see Guide Mate |  |
| Gypsy: discounted cash flow analysis for application of gypsum to sodic soils under sugarcane |  |
| HACCP Master 2000 | [UC] |
| HairID |  |
| HandiRISK |  |
| Hartt |  |
| Harvest TraceMaster - InterLink |  |
| Harvest TraceMaster - Wholesale | [UC] |
| HarvestTRAX | [OBS] |
| Hatchery to Growout Fish Farm |  |
| Hauteur Calculator | [UC] |
| Hedger | [EQUIP] |
| Herb Recorder |  |
| Herbiguide |  |
| Herd Easy Cattle Records | [DEV] |
| Herd file |  |
| HerdMagic, renamed: see Herdmaster |  |
| HerdMASTER |  |
| Hillside/Q lamb tracking system | [N/A] |
| HiPer+ | [UC] |
| Home Winemaster | [N/A] |
| Horse Stud Manager |  |
| Hortfarm | [EQUIP] |
| Horticulture Arkive |  |
| HortTracker | [UC] |
| Hot Farm | [UC] |
| HotCross | [UC] |
| HotMetal PRO 6.0 | [UC] |
| HowLeaky? |  |
| HowMuch? |  |
| HowOften? |  |
| HowWet? |  |
| HR21 |  |
| HR3 Payroll |  |
| HS: Heat Stress Model for Live Export |  |
| Hydras 3 | [INT] |
| HydroLOGIC |  |
| iAppraise |  |
| iAudit |  |
| iDiary | [OBS] |
| iFarm Crops |  |
| iFarm Crops & Livestock |  |
| iFarm Lite | [OBS] |
| iFarm Livestock |  |
| iFarm Mapping |  |
| Ignite | [UC] |
| iHACCP |  |
| ILR2: International Livestock Registry |  |
| ImageMAP | [UC] |
| Imagens |  |
| Imagine |  |
| iManager Risk |  |
| iMobility |  |
| In shed model of Marek’s disease in broiler chickens |  |
| InCalf Fertility Focus Report |  |
| InCalf Herd Assessment Pack Tools |  |
| Incom Risk Register | [UC] |
| Infinity Software | [UC] |
| Infopest Agvet (on DVD/CD) |  |
| Infopest Agvet + MSDS (on DVD) |  |
| Infopest MSDS (on CD) |  |
| Insect Population Analysis Software for IPM in Rambutan, renamed: see Rambutan Pest Monitoring |  |
| InShed Assessor |  |
| Intag |  |
| Integrated Crop and Soil Management | [OBS] |
| Integrated Pest Management (IPM) | [UC] |
| Integrated Pest Management System | [N/A] |
| Integrated Vegetation Information for NAP & NRM Regions |  |
| Integrity | [UC] |
| Intern12 Grading system | [UC] |
| International Livestock Information Gateway |  |
| Inventory & Load Out |  |
| IPARM |  |
| IRR Spreadsheets, Citrus, Bananas | [UC] |
| IRRICAD | [UC] |
| IRRICAD FastQuote | [UC] |
| Irrigation Calculator | [UC] |
| IrriMAX 7 |  |
| ISES Plan Development |  |
| Ivan |  |
| JASMaster |  |
| Kill Floor Systems |  |
| Koolcollect |  |
| Koolcollect Calf Trader |  |
| Kwik-Pay Payroll | [UC] |
| Label Design & Control |  |
| Labelterm |  |
| LabMagic |  |
| Lamb File |  |
| Lamb Growth Predictor |  |
| Lamb Lot Feeding Calculator |  |
| Lamb Pak | [UC] |
| Lamb Planner | [UC] |
| Land Resource Information | [UC] |
| Land Use Mapping for Australia |  |
| Landmark Farm |  |
| Landmark internal pricing system | [UC] |
| LandMark Money |  |
| Last Effective Flower Tool |  |

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Leakage Calculator
Legacy 6000 Fieldware
Legacy 6000 SA, renamed: see Legacy 6000 Fieldware
Lime and Nutrient Balance
Lime and Nutrient Calculator
Link 3000
Littermac [EQUIP]
LiveStock Auctions
Livestock Feedback Manager [UC]
Livestock
Knowledgewarehouse
Livestock Library
Livestock Procurement & Payments
Livestock Recording
Livestock Trading Schedules and Template
LiveStockAuctions
Logger Data Manager [INT]
Longline Oyster Planner [UC]
Lucid Phoenix
LucID Professional
Lucid3
Machinery Cost Calculator
Machinery Recorder
MacMan
MacroFleece
MacroStud
MacroWeigh
MaizeMan [UC]
Manage [UC]
MaNage Rice
MaNage Wheat
Management Information System-Dairy Industry [UC]
Management of nutrient rich wastes
Manager, Back Paddock Software
Manager, renamed: see Manager, Back Paddock Software
Managerie [OBS]
Managing On-Farm Grain Storage
Managing Seafood Safety
Manual Handling Calculator [UC]
Manufacture Assist
Map Maker Pro
MapSource [EQUIP]
Market Check - Wool RMS [UC]
Market Indicators Tool (Wool) [UC]
Market Network
MarketPOS
MarkWare Facility ID Software [NOT]
MAX - Machinery Database
MaxGro [EQUIP]
Maxiyield
MaxPro [OBS]
MEATCOM
MECIS-NN [NOT]
MEDLI [DEV]
Merino Bloodline Comparison
Merino Superior Sires
Merino versus Terminal Sire Flock Model, The
MesoMap Live
MetAccess
MetaFarms i-Production
Micro-Master [EQUIP]
Micron Man, renamed: see Select
Micron PC
Microsoft Dynamics Nav MeatPro [UC]
Microsoft farm contract labor management [UC]
Microsoft Great Plains
Microsoft Growers Wholesale plant distribution [UC]
Microsoft Seed Manufacturing and Distribution [UC]
Microster Workforce Management
Microster Workforce Management System, renamed: see Microster Workforce Management
MIDAS
Milker Manager for Windows
MilkSource
Milk Specification Tool (Wool) [UC]
Mini Calculators online [UC]
MIPS Piggery Management System
MISDL, renamed: see Management Information System-Dairy Industries
MISTRO Draft
MISTRO Farm 5
MISTRO Feed
MISTRO Finance
MISTRO Pocket
MISTRO Shed
MISTRO Wand
MITS [UC]
MLA Calving Histogram Calculator
MLA Cost of Production Calculator
MLA Feed Demand Calculator
MLA Health Cost Benefit Calculator
MLA Rainfall to Pasture Growth Outlook Tool
MLA Stocking Rate Calculator
Mobile Farm Management
Mobile NLIS System, renamed: see Thorsys NLIS Mobile
Monifield [EQUIP]
Monitoring Assist Software
Motorgrader System 5 [UC]
Mouser Version 1.0
Mudas
Multi-Log
Mutton versus Wool Calculator
My Business Manager - My Profit Manager [UC]
myEMS
MYOB
MYOB AccountEdge (Mac)
MYOB Accounting
MYOB Asset Manager Pro [OBS]
MYOB BusinessAnalyst [OBS]
MYOB BusinessBasics
MYOB FirstEdge (Mac)
MYOB JustInvoices
MYOB M-Powered Services [OBS]
MYOB PocketAccounts [OBS]
MYOB PowerPay [OBS]
MYOB Premier
MYOB Premier Enterprise
MYOB ReportWriter [OBS]
National Carcase Data Service/Primary Link [OBS]
National Dairy Sharefarming Toolbox [UC]
National Pig Contracting Toolbox [NOT]

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| Natural Resource Management data capture and validation database application | Online Systems [OBS] |
| Natural Resource Survey Database, renamed: see Natural Resource Management data capture and validation database application | Optimite Alpafarm [UC] |
| Navision [UC] | OPTLIME |
| Navmaster Offshore | Orchard Management System |
| Navmaster Professional | Organic Farming - Is it for you? [NOT] |
| NavPak PE | Ostrich Farmer personal Edition [EQUIP] |
| NavPakPro | Outback 360 [EQUIP] |
| NEAT | OutMap Version 1.0 [N/A] |
| Nelson Pivot Products & Valves [UC] | Overlap, renamed: see Rotator Software Suit |
| NemaSYS | OVERSched |
| NetEstimator Version 1.3 [UC] | Ovitec |
| NETPROFIT: Financial Model | Oyster Planner [UC] |
| NeuroTheta | Oyster Profit |
| Nine Lives Risk Manager | OzClim [N/A] |
| NIAnalyst [N/A] | OZDOCS [UC] |
| NLIS - Carcass Identification | OziExplorer [DEV] |
| NLIS System | Ozpest |
| Nobitec Visual Navigation Suite | Paddock Advisor, renamed: see Adviser, Back Paddock Software |
| NP Decide | Paddock Area Calculator |
| NRM Software, renamed: see Natural Resource Management data capture and validation database application | Paddock File |
| NSW DPI Farm Forms – Cashbook | PaddockCare [DEV] |
| NSW DPI Farm Forms – Crops | Paddockdiary 2003 [OBS] |
| NSW DPI Farm Forms – Livestock | PAM AusVit |
| NSW Natural Resource Atlas Mapping Tool, renamed: see NSW NRAAtlas | PAM Crop Diary |
| NSW NRAAtlas | PAM Enterprise Edition |
| NTAS (NIR Technology Australia Software) [EQUIP] | PAM Individual Animal records |
| NutriLOGIC Online | PAM Multiclient Add On |
| Oaksford Quick QA, renamed: see Farm Software System | PAM QA Plus |
| OBJECT | PAM Ultracrop |
| Observant C1, renamed: see Observant Remote Management Solution | Pasture Composition Recording Sheet |
| Observant Remote Management Solution | Pasture Growth Rate Feed Calculator [UC] |
| OFDA2000 | Pasture Improvement Calculator |
| OFFM Calculator, The | Pasture Photo-standards CD |
| OHS Action | Pasture Sense |
| OHS Toolkit [UC] | Pasture Watch |
| OHS&S&W and Risk Management Software [UC] | Pastures from Space |
| OliveArkive | Pathfinder [DEV] |
| On Farm Support Tools [UC] | Payroll Bureau, renamed: see Frontier Payroll Services |
| Pigbal [OBS] | Payroll Premier 2006/07 |
| PIGBLUP - A PC Based Genetic Evaluation System for Pigs | PBSELECT: the online PIGBLUP service |
| PigCHAMP Care | PC Farm |
| PigCHAMP Grow/Finish | Pearl Assist [UC] |
| Piggery Assessment Spreadsheet | Pedigree Viewer |
| PigMania [OBS] | Pedigree Wizard [OBS] |
| PigPFP Piggery Performance Programme | Perch Profit |
| PigPulse, renamed: see PrimePulse | PERFECT |
| PigStat, renamed: see PigCHAMP Grow/Finish | Personal Information Networks [DEV] |
| Pigtales | PestCalc for Windows [UC] |
| PigWIN [UC] | Pesticide Application recording form |
| | Pesticide Impact Rating Index, renamed: see PIRI |
| | Pesticide Management Diary [EQUIP] |
| | Pet Breed Recorder |
| | Petiole Nitrate Test Data [NOT] |
| | PF advantage [NOT] |
| | PHA-Pro7 |
| | Phoenix 2000 [UC] |
| | Phoenix Farm Management |
| | Phoenix FARMS Cropping |
| | Phoenix FARMS Livestock |
| | Phoenix FARMS Mapping |
| | Phoenix Gateway |
| | Phoenix Gateway Budget Navigator [UC] |
| | Phoenix Gateway Navigator [UC] |
| | Phoenix Lite |
| | Phoenix PowerBudgets |
| | Photoslock [N/A] |
| | Photo CD for Pasture budgeting, renamed: see Pasture Photo-standards CD |
| | Pigbal [OBS] |
| | PIGBLUP - A PC Based Genetic Evaluation System for Pigs |
| | PigCHAMP Care |
| | PigCHAMP Grow/Finish |
| | Piggery Assessment Spreadsheet |
| | PigMania [OBS] |
| | PigPFP Piggery Performance Programme |
| | PigPulse, renamed: see PrimePulse |
| | PigStat, renamed: see PigCHAMP Grow/Finish |
| | Pigtales |

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Pinpoint for Agriculture [OBS]
Pipe Reader
PIRI: Pesticide Impact Rating Index
Piscatus 3D
Pivot Selector, renamed: See Nelson Pivot Products & Valves
Planfarm [NOT]
PlanIT
Plant Assessor
Plantation Information Network
Plantmod [UC]
PLANTPIC [UC]
Plants for Windows [UC]
Platypus [N/A]
PMB Herd [OBS]
Pocket PAM
Pondman 2 [OBS]
Porcicet
Pork Cost of Production Calculator
PorkBiz [NOT]
POSIMS [N/A]
Position Statement
Potassium In Agricultural Systems Model (KASM)
Potato & Onion Management System
Potato Profit Calculator
Potential Yield Calculator (PYCAL)
Practical Index of Salinity Models (PRISIM) [UC]
Prattley Auto Draft PAD500 [UC]
PrawnProfit
PreCaps - Crop rotations [DEV]
Precision Pasture Network [UC]
PreDicta B [EQUIP]
Premier pac [OBS]
Price Benchmarking Tool (Wool) [UC]
Pricemaker [OBS]
Primaries Grower Enquiry Service [UC]
PRIMEDOCS [UC]
PrimeNotes CD-ROM
PrimePulse [UC]
PRISM [NOT]
Probe for Windows Processing Assist
ProCow [OBS]
PRODIV [N/A]
ProducePak Farm Management
ProducePak Mobile Packhouse Management
ProducePak Packhouse Management
Production and Inventory Control System
Production Scheduling & Control
Professional 5400 [EQUIP]
Profile Calculator (Measure as you grow wool) [UC]
ProfitProbe [OBS]
Project 23 [UC]
ProKollet
Property Planning Program
ProPig (Farm)Stats [OBS]
PS enterprise [UC]
PSV0100 Woylie Fence Monitoring Software
PTE0700 Remote Electric Fence Monitor
PulsePak National [UC]
PUMPS
Q5 [UC]
QA Beef [UC]
QA Link Spray Diary [OBS]
QA Logbook
QAAlS
Quality e-book
Quality Manager Database, renamed: see Qudos System 2
Quality Manger Toolkit
Quality Over Time Portlet, renamed: see Quality Over Time Tool (Wool)
Quality Over Time Tool (Wool) [UC]
Quarantine Significance Model (QUASIMODO)
Qudos Risk Assessor
Qudos System 2
Qudos System 3
Qudos System 3 – Hosted option
Queensland Tree Selector [OBS]
QuickBooks Accounting 2006/07
Quickbooks EasyStart 2006/07
Quickbooks Enterprise 2006/07
Quickbooks Plus 2006/07
Quickbooks Point of Sale, renamed: see Retail Point of Sale
Quickbooks Premier 2006/07
Quickbooks Pro 2006/07
QuickData
Quicken CashBook Home and Business, renamed: see Quicken Home and Business
Quicken Home and Business 2005/06
Quicklink, renamed: see Aleis DataLink
R.Y.O.F, renamed: see RYOF
R2V [UC]
Rabbit Central
RaceMATE
Raceside Classer [OBS]
Radar PC (IR2)
Radio-Master [EQUIP]
Rain Records
Rainer [UC]
Rainfall Reliability Wizard
Rainman StreamFlow 4.3
Rainman, renamed: see Rainman StreamFlow
RainTank2
Rambutan Pest Monitoring
RAMPOWER 2000
RamPower and Breeding [UC]
Rampower and Object - Breeding [UC]
Rangepak [OBS]
Ready Rations Pro
Ready Reckoner for Economics of Evaporation Mitigation
RealBiz
REALM : The Resource ALlocation Model [N/A]
Redclaw Profit
RedWing Financial Software products [INT]
Regional Farm Model [UC]
Resistance and Integrated Management Model
RESO for EXCEL [OBS]
Resolution [OBS]
Retail Point of Sale 2006/07
RX 96 Revegetation Expert System [UC]
RiceIPM
RIM, renamed: see Resistance and Integrated Management Model
Risk Assessor

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<table>
<thead>
<tr>
<th>Product Name</th>
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<tr>
<td>Risk Manager</td>
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<td>Risk Profiler</td>
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<td>Safety Manager</td>
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<td>Sage Instant Accounting</td>
<td>UC</td>
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<td>Sage Job Costing</td>
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<td>Sagepos</td>
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<td>Sales &amp; Export Trading</td>
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<td>Salmon Assist Software</td>
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<td>SaturnHX</td>
<td>OBS</td>
</tr>
<tr>
<td>Scan pack System</td>
<td></td>
</tr>
<tr>
<td>Seafood EMS CD</td>
<td></td>
</tr>
<tr>
<td>Seeding &amp; Tillage CD</td>
<td></td>
</tr>
<tr>
<td>SELECT</td>
<td></td>
</tr>
<tr>
<td>Select Your Nitrogen(SYN)</td>
<td>OBS</td>
</tr>
<tr>
<td>SelectGene</td>
<td>OBS</td>
</tr>
<tr>
<td>Selection Assist</td>
<td>OBS</td>
</tr>
<tr>
<td>Selector</td>
<td>OBS</td>
</tr>
<tr>
<td>Sell or Feed Analysis Tools</td>
<td></td>
</tr>
<tr>
<td>Serial Timer</td>
<td></td>
</tr>
<tr>
<td>Share Portfolio Manager</td>
<td>UC</td>
</tr>
<tr>
<td>Shareman</td>
<td>UC</td>
</tr>
<tr>
<td>SHE Software</td>
<td></td>
</tr>
<tr>
<td>Shear Express Mobile Wool Harvesting System</td>
<td>N/A</td>
</tr>
<tr>
<td>Sheep &amp; Wool Gross Margin Template</td>
<td></td>
</tr>
<tr>
<td>Sheep auto drifter</td>
<td>UC</td>
</tr>
<tr>
<td>Sheep Data Acquisition and Reporting Systems</td>
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<tr>
<td>Sheep Dyn</td>
<td>OBS</td>
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<tr>
<td>Sheep Genetics Australia</td>
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<tr>
<td>Sheep Grid, renamed:</td>
<td>eGrid</td>
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<tr>
<td>Sheep One</td>
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<tr>
<td>Sheep Transport Cost Calculator</td>
<td></td>
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<td>Silo</td>
<td>UC</td>
</tr>
<tr>
<td>SILO Cotton Day Degree Calculator</td>
<td></td>
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<tr>
<td>SILO Day-Degree Calculator, renamed:</td>
<td>SILO Cotton Day Degree Calculator</td>
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<td>Silo Volume Calculator</td>
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<td>Simcrops</td>
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<td>Simple Farm Budget Template</td>
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<td>Simplot</td>
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<tr>
<td>Simulated Transitional Economic Planning (STEP) Decision Tool, renamed:</td>
<td>STEP</td>
</tr>
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<td>Simultaneous Assortment</td>
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<td>Siphon Flow Calculator</td>
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<td>SireTrace</td>
<td>UC</td>
</tr>
<tr>
<td>SiroFire</td>
<td>OBS</td>
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<td>SIROLAN-LASERSCAN</td>
<td>OBS</td>
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<td>Site Pro</td>
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<td>Smart Farm software</td>
<td>DEV</td>
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<tr>
<td>Smart ID Basic</td>
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<tr>
<td>Smart ID Pro</td>
<td>UC</td>
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<td>SMART Packhouse</td>
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<td>SMART Pay</td>
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<td>Smart Peanut</td>
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<td>Smart-Trace</td>
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<td>SMS Basic</td>
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<td>SoFT: Selection of Forages for the Tropics</td>
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<td>Software for Best Use of Water on Farm</td>
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<td>Soil Cone Penetrometer</td>
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<td>Soil Database</td>
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<td>Soil File</td>
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<tr>
<td>Soil Nitrate Test Data</td>
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<td>SoilMate</td>
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<td>Soiloss</td>
<td>UC</td>
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<tr>
<td>SoilTrax</td>
<td>UC</td>
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<td>SpecAid</td>
<td>UC</td>
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<td>Specification &amp; Labelling Control</td>
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<td>SPLAT</td>
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<td>Spray Trax</td>
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<td>SPRAYeasy</td>
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<td>Spread Trax</td>
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<td>StarFire RTK</td>
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<td>STIN XL</td>
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<td>Stock Recorder</td>
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<td>Stock Yard</td>
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<td>StockaID</td>
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<td>StockPlan</td>
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<tr>
<td>Stocktake</td>
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<td>StocTraka Mini 2005</td>
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<td>StocTraka System</td>
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<td>Storing Dollars</td>
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<td>SW&amp;N Fish</td>
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<tr>
<td>Swagman-Option</td>
<td>OBS</td>
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<td>Swagman-Whatif</td>
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<td>SWIM v2</td>
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<td>Tablet/Browser Based Quality Assurance Solution</td>
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<td>TACT</td>
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<td>Tag Tracker</td>
<td>EQUIP</td>
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<tr>
<td>Taggart</td>
<td>UC</td>
</tr>
<tr>
<td>TAPIC</td>
<td>NOT</td>
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<tr>
<td>Take Away</td>
<td>OBS</td>
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<tr>
<td>Talman PC Brokerage System</td>
<td>UC</td>
</tr>
<tr>
<td>Talman StockTake (PocketPC)</td>
<td></td>
</tr>
<tr>
<td>Talman Web Brokerage System</td>
<td>UC</td>
</tr>
</tbody>
</table>

**Legend**

- **EQUIP**: digital device
- **INT**: non-Australian
- **N/A**: software not suitable for farmers
- **NOT**: not software
- **OBS**: software no longer distributed
- **DEV**: software currently in development
- **UC**: status of title unable to be confirmed in 2006.

**Note**: In future editions, [UC] titles to be converted to [OBS] status unless otherwise advised by email to: farm.software@dpi.qld.gov.au
Talman WoolBuyer
Tank Talk [UC]
Target 10 [NOT]
Tax Rates, Calculators and Tools
Tek-Link [OBS]
Telesales & Local Distribution
Terra Grow [UC]
TerraCom Viewer
TesioPower 7.0
Thorsys NLIS Mobile
Thorsys Production and Inventory Control System
Ticket
Tidal data [UC]
Timer
Timer (Multiple Switchings)
Timer (pulses in minutes)
Timer (pulses in seconds)
TIMERITE
Tiny Tag Explorer [EQUIP]
TMQ C-Plot
TNA-Pro
Top Spin [OBS]
TOPCROP [NOT]
TopMaker
Topog
TopSpec/FlcSpec [UC]
Topstud
TracBac [UC]
Track: Mobile Reader/Writer [UC]
Tracking and Flagging Software [UC]
TradePalette
Trans Classer [EQUIP]
Transweigh
Traveling irrigator distribution uniformity calculator, renamed: see TravGun
TravGun
Tree Crop Whole Farm Budgets [UC]
TridentGLOBAL
TriSCAN [OBS]
Tuna Assist
TurfWISE
Uncorked Cellar, The Valuing Differences in Grazing Land [NOT]
Vaquitec
Various Crop Gross Margins [OBS]
Vegetable Management System
VegMachine
VERA
Vesper
VetPAD
VineLOGIC Virtual Vineyard
Vineyard Arkive
Vineyard Management System
VintageSuite
Virtual Classer
Virtual fencing [DEV]
Visual Navigation Suite, renamed: see Nobitec Virtual Navigation Suite
Voyager AdMaster Plus
Voyager Commercial
Voyager Document Master
Voyager Enterprise 2002 [OBS]
Voyager Industrial [OBS]
Voyager Online
Voyager Professional
WA Wheat
Wage Easy Payroll
Wage Easy Payroll HR [UC]
Waste Management CD, renamed: see Manual for Spreading Nutrient Rich Wastes on Agricultural Land
Water Quality Calculator
Water Quality Tool, renamed: see Water Quality Calculator
Waterlines: Cotton, Rice and Winegrapes [NOT]
WaterMod [UC]
WATERWORKS [N/A]
WAVES
Weather Display
Weather Display Live
Weather Fare [DEV]
Weed Biocontrol
Weed Couture Eval for GLM [UC]
Weed WatchWeed Watch Plus [OBS]
Weed Watcher [UC]
Weigh Label System
Weightload [UC]
Weight Recorder
Wether Calculator
Wetup
Wheatcalc
WHEATMAN [OBS]
Wheatrite [EQUIP]
Whole Farm [EQUIP]
Whole Farm Budgets [UC]
Whopper Cropper
Wilbase Accounting
Win Grader, renamed: see Burratronics Grader Conversion
Winer and Bar Thief
Wine Cellar to Seller Software
Wine File Winery Manager
WineBase [N/A]
WinHR
WinOHS
Winpay
WinWeigh [OBS]
WISAD Smart predictor
WISDAM
Wool Clearing
Woolcheque
WoolClass [DEV]
WoolLink [UC]
WoolPak
WoolPlus [UC]
WoolTrakAid [UC]
WoolWorx [OBS]
Workforce Rostering [N/A]
WormBoss
Xbreed [OBS]
xBuy
xBuy Wool, renamed: see xBuy
xDUMP, renamed: see Wool Clearing
Xen-AGRI [OBS]
Xen-APIARY
Xen-BREEDA
Xen-TRIAL
xProcess
xSell
xWDO
Yield Calculator, renamed: see STIN XL
Yield Prophet
ZAFTI-Aware
ZYNX PROSTEER [UC]
ZYNX X20 [UC]

LEGEND
[EQUIP] digital device
[INT] non-Australian
[N/A] software not suitable for farmers;
[NOT] not software;
[OBS] software no longer distributed;
[DEV] software currently in development;
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Chapter 8: Online software comparison sites

Illustrated below are examples of how several software provision websites are structuring their presentation of software product listings.

Example 1: Download.com

At Download.com (www.download.com) a search feature (in this case we searched on >farm) is used to obtain a list of relevant software. These are presented with very brief descriptions, in a table format. A mouse-over pop-up window, provides a second level of details without leaving the table and finally you can click on the title to see more product details.
Example 2: Tucows

At Tucows (www.tucows.com) a search feature (in this case we searched on >farm) is used to obtain a list of relevant software. These are presented with very brief descriptions, in a table format. Clicking on “More Info” takes you to another page containing specific product details.
Example 3: Amazon

At Amazon (www.amazon.com) a search feature (in this case we searched on >farm) is used to obtain a list of relevant software. These are presented in a list with very brief descriptions. When a title is selected, it appears with a product description and a variety of database generated tools to help you evaluate the product.
Example 4: iSelect

iSelect (www.iselect.com.au) is an online tool that helps visitors select a health insurance policy that best meets their needs. A series of interactive forms open to help the visitor select a product by picking criteria that are important to them. At the end, the user is presented with a comparison table to do a side-by-side comparison of the products that best match their purpose.
Chapter 9: Agricultural software resources

Throughout the course of our research, we encountered websites that were useful sources of agricultural software.

- **Section A**: is a list of websites which provide farm software links or directories to mostly non-Australian products, those beyond the scope of this project, but of interest to other researchers.
- **Section B**: is a list of free software download sites, some of which list agriculturally-relevant software.
- **Section C**: is a list of educational farm software, mainly aimed at children.
- **Section D**: is a list of farm software relevant keywords we used in online and literature searches.

### A: Online sources of agricultural software links (global)

<table>
<thead>
<tr>
<th>Online sources of agricultural software links (global)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>agDownload</strong></td>
<td><a href="http://www.agdownload.com">www.agdownload.com</a></td>
</tr>
<tr>
<td>An international site that lists over 80 software titles that can be downloaded for trial and/or use.</td>
<td></td>
</tr>
<tr>
<td><strong>Agricultural Software (Australian Foods list)</strong></td>
<td><a href="http://www.australianfoods.com.au/software/clis">www.australianfoods.com.au/software/clis</a> ts.htm?id=0&amp;hdl=All+Products</td>
</tr>
<tr>
<td>Provides links to over 130 Australian software products.</td>
<td></td>
</tr>
<tr>
<td>This Canadian site lists over 50 accounting type software programs for farm systems.</td>
<td></td>
</tr>
<tr>
<td><strong>Agricultural Software Resources</strong></td>
<td>farmnet.osu.edu/links/software.html</td>
</tr>
<tr>
<td>Ohio State University extension list of agricultural software resources.</td>
<td></td>
</tr>
<tr>
<td><strong>Agriculture on the web</strong></td>
<td><a href="http://www.tumpline.com/stackyard/agriservices/software.html">www.tumpline.com/stackyard/agriservices/software.html</a></td>
</tr>
<tr>
<td>A directory listing about 10 products, mostly US based.</td>
<td></td>
</tr>
<tr>
<td><strong>Agriculture Software Directory (Canadian)</strong></td>
<td>www1.agric.gov.ab.ca/$department/deptdocs.nsf/all/econ4118</td>
</tr>
<tr>
<td>This is the place to start. 100s of links to practically every agricultural software package available. Many Australian products listed.</td>
<td></td>
</tr>
<tr>
<td>This site lists a variety of interactive online benchmarking calculators for the Australian grazing and grain industries.</td>
<td></td>
</tr>
<tr>
<td><strong>Business.com: agricultural software</strong></td>
<td><a href="http://www.business.com/directory/agriculture/software/">www.business.com/directory/agriculture/software/</a></td>
</tr>
<tr>
<td>Developer of integrated accounting, agribusiness and agricultural software.</td>
<td></td>
</tr>
<tr>
<td><strong>Farm Management Software Australia</strong></td>
<td><a href="http://www.eweb.com.au/farm_management_software/australia_farm_management_software.htm">www.eweb.com.au/farm_management_software/australia_farm_management_software.htm</a></td>
</tr>
<tr>
<td>Says it is a software directory for Australian farm software, but only lists one product.</td>
<td></td>
</tr>
<tr>
<td><strong>Livestock Software Resources</strong></td>
<td><a href="http://www.ansi.okstate.edu/library/software.html">www.ansi.okstate.edu/library/software.html</a></td>
</tr>
<tr>
<td>This site has a list of 26 agricultural software.</td>
<td></td>
</tr>
<tr>
<td><strong>On-Line Agricultural Calculators</strong></td>
<td><a href="http://www.agric.gov.ab.ca/navigationtoolbar/calculators/index.html">www.agric.gov.ab.ca/navigationtoolbar/calculators/index.html</a></td>
</tr>
<tr>
<td>This directory of on-line calculators is from the Alberta Government.</td>
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</tr>
<tr>
<td>This directory of 45 Australian software titles was last updated in 2003.</td>
<td></td>
</tr>
<tr>
<td><strong>Australian beef industry</strong></td>
<td>mecis.cqu.edu.au/positionpaper/farm-sw-1.0.html</td>
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<tr>
<td>Software and systems for producers in the Australian beef industry.</td>
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</tr>
<tr>
<td><strong>Software Links, Ohio State</strong></td>
<td><a href="http://www.ag.ohio-state.edu/%7Eagnrtech/links.html">www.ag.ohio-state.edu/%7Eagnrtech/links.html</a></td>
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<tr>
<td>Natural Resources Information &amp; Education Materials Resource Links.</td>
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</tr>
<tr>
<td><strong>Software Search</strong></td>
<td><a href="http://www.searchsearch.com/ac4/Category.asp?SID=1&amp;Category_ID=15&amp;PARENT_ID=15">www.searchsearch.com/ac4/Category.asp?SID=1&amp;Category_ID=15&amp;PARENT_ID=15</a></td>
</tr>
<tr>
<td>This site has a listing of 252 agricultural softwares.</td>
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</tr>
<tr>
<td><strong>Software Search Engine</strong></td>
<td><a href="http://www.searchengineguide.com/pages/Computing/Software/">www.searchengineguide.com/pages/Computing/Software/</a></td>
</tr>
<tr>
<td>A directory of websites that provides details on computer software.</td>
<td></td>
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<tr>
<td><strong>B: Free software download sites</strong></td>
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<tr>
<td>------------------------------------</td>
<td></td>
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<tr>
<td><strong>Free software download sites</strong></td>
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<tr>
<td>Tucows</td>
<td><a href="http://www.tucows.com">www.tucows.com</a></td>
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<td>ZDNET</td>
<td><a href="http://www.download.com">www.download.com</a></td>
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<td>PC World</td>
<td><a href="http://www.pcworld.com/downloads/index/0,00.asp">www.pcworld.com/downloads/index/0,00.asp</a></td>
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<td>Snapfiles</td>
<td><a href="http://www.snapfiles.com/freeware/freeware.html">www.snapfiles.com/freeware/freeware.html</a></td>
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<td>Freeware files</td>
<td><a href="http://www.freewarefiles.com/">www.freewarefiles.com/</a></td>
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<td>Shareware Connection</td>
<td><a href="http://www.sharewareconnection.com">www.sharewareconnection.com</a></td>
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<td>Shareware.com</td>
<td><a href="http://www.shareware.com">www.shareware.com</a></td>
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<tr>
<td>Top Downloads</td>
<td><a href="http://www.topdownloads.net/software/">www.topdownloads.net/software/</a></td>
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</table>

<table>
<thead>
<tr>
<th><strong>C: Educational farm software</strong></th>
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<tbody>
<tr>
<td><strong>Educational farm software</strong></td>
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<tr>
<td>A Day on the Farm 3.6</td>
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<td>Barnyard Invasion</td>
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<td>Bernard and Hank</td>
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<td>Egg vs. Chicken 1</td>
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<td>Funky Farm</td>
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<tr>
<td>John Deere American Farmer</td>
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<td>John Deere North American Farmer</td>
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<tr>
<td>Let's Explore the Farm</td>
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<td>Make a Farm</td>
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<td>SIM Farm</td>
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<tr>
<td>SimTractor</td>
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<tr>
<td>Stake Your Acres</td>
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<tr>
<td>Tom’s Hen House 1.2</td>
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### D: Farm software relevant keywords for use in online and literature searches

<table>
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<tr>
<th>Farm/Ag Term</th>
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<td>agriculture</td>
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<td>simulation</td>
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<td>technology</td>
<td>consumer satisfaction</td>
<td>model</td>
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<td>computer software</td>
<td>surveys</td>
<td>decision support</td>
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<td>agricultural software</td>
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<td>decision making</td>
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<td>software products</td>
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<td>comparison</td>
<td>calculator</td>
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<td>spreadsheet</td>
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<td>expert system</td>
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### Search strings

| agriculture accounting                | farm accounting software                           | farming software                                      |
| agricultural software                 | farm bookkeeping                                    | farm technology                                       |
| agricultural software directory       | farm computer program                               | keeping farm records                                   |
| dairy farm software                   | farm electronics                                    | on farm technology                                     |
| computers in agriculture              | farm management software                            | software review and comparison                        |
| computer programs for farmers         | farm plan software                                  | software evaluation                                     |
| farm accounting                       | farm software                                       | software review                                        |

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Chapter 10: Case studies of farmers who use software in their businesses

Can weather data run a business?

Put away the divining rods and crystal balls. Primary producers everywhere are using new technologies to gain an upper hand with Mother Nature. The end result can often be lower costs, increased efficiency, and improved land care outcomes.

What does a wine maker from Western Australia have in common with a potato grower from Tassie, a cotton farmer from NSW and a mango grower from Far North Queensland? The answer is they all depend on timely and accurate weather data to run their businesses.

Good information helps producers to make important decisions everyday, including when to sow, irrigate, fertilise, spray or harvest their crops, as well as how to manage land degradation issues such as erosion.

But as Jacqueline Balston, a climatologist with the Queensland Department of Primary Industries and Fisheries, points out, the business of predicting weather is indeed a tricky one.

“In an ideal world, a perfect forecast would be invaluable as we would know exactly when and what to do in our agricultural enterprises,” Ms Balston said.

Until recently, many farmers relied on little more than a rain gauge, radio weather updates and sheer luck to monitor, interpret and manage the impacts of Mother Nature. But increasingly, producers of all ages and backgrounds are clicking on to the Internet in search of more reliable short- and long-term weather information. Others are even setting up weather stations to monitor conditions on their own patch.

Farmers say these new technologies are taking much of the guesswork out of weather forecasting and helping them to make better business decisions. And as any primary producer will tell you, informed choices can lead to lower costs, improved efficiency and increased profits, as well as better weed management and land care outcomes.

Among this new breed of technology-savvy farmer is Marcello Avolio, who runs a mango, avocado and lychee farm at Gorge Creek, about 10 kilometres west of Mareeba in Far North Queensland. Marcello has spent the past decade or so looking for better ways to understand – if not outwit – Mother Nature. Much of what he knows is self-taught, gleaned from local field days or the Internet.

He now uses several websites – including the Bureau of Meteorology, Weatherzone, US Navy and The Long Paddock – for his weather forecasts and longer-term climate data. He also runs two on-farm weather stations and uses various software packages to gather up-to-the-minute information from his own property. Before

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clicking into the web, Marcello relied on little more than guesswork to predict the weather. “I had a rain gauge for rain fall, a windsock for wind direction and a shovel for soil moisture content,” he said.

Marcello admits his decision to embrace technology happened almost by accident. “Back in the late 1990s we had a lot of rain and someone rang me up and asked how much rain I had,” he said. “My rain gauge was still full from the last big fall so I decided to get an electronic weather station instead.”

Since then, Marcello has devoted a considerable amount of time – and money – to staying one step ahead of Mother Nature. And while he concedes it is impossible to predict the weather all the time, Marcello reckons a little bit of knowledge has gone a long way towards improving the way he runs his farm. “I can use this information to tell how and when I should water, for example,” he said. “If I can see it’s going to rain in a week’s time, I might hold off watering for three or four days beforehand.”

Marcello also uses his weather data to pin-point the best time to spray. “Spraying relies on knowing wind speed, direction and humidity,” he said. “I can go on to the computer, check the wind speed and decide if I’m going to spray. As a result, I’m using less water and my chemical application has been reduced. I’m definitely more efficient.”

Weather stations aside, it seems anyone with a computer can access reliable weather information for little or no cost these days. Marcello reckons one of the best sources is the Bureau of Meteorology’s website. “It’s got the local radar, the local forecast which is also handy, and the Southern Oscillation Index shows the probability of rain over the next few months, it’s informative, detailed, easy to use and free.”

Marcello also uses Enviroscan¹ to monitor soil conditions on his property. “Two and a half years ago I went to Enviroscan, which I use with the soil moisture probes,” he said. “I use the probes at three locations on my property. That way I know the best time to water the trees.”

In a further tribute to the benefits of technology, Marcello also runs two weather stations at his Gorge Creek orchard. “I purchased my first one back in ‘98 or ‘99,” he said. “It does the basics such as measuring wind speed, temperature, humidity and rainfall. My second one also measures evaporation, sunshine hours and leaf wetness, which is very useful for the agricultural sector.”

Weather stations can cost from a few hundred dollars up to several thousand dollars for top-of-the-range models. Despite the initial set-up costs, Marcello says he wouldn’t be without them. “I highly recommend having your own weather station so you can see what’s happening on your own property.”

Marcello uses Weather Display software to capture and log data from his stations, enabling him to identify weather trends over an extended period of time. “Up until then I was just using the actual console of the station to check basic information like the temperature. Now the software does virtually everything for me.” He also uses Weather Display Live – an add-on to Weather Display - to view near-live data from his stations using the Internet or mobile phone.

“My weather data can even be viewed on a WAP phone, which updates every five minutes. I can be in another city, or another country and I can see the data right there in front of me.” And it seems there’s also some fun to be had with this new technology. “My weather station is hooked up to a two-way radio. Every hour, 14 times a day, a weather report is transmitted over the airwaves. Anyone with a two-way radio can find out the temperature, wind speed or rainfall.”

Marcello has also built his own website in a quest to provide more timely weather information to producers in his area. “When you go to the bureau website, they give hourly figures. It wasn’t up to the minute, while mine uploads from the weather station every 15 seconds. It gives you almost live data, and that’s what I want people to see.” he said.

The end result of all this, Marcello says, is that much of the uncertainty is taken out of deciding when to irrigate, spray and fertilise his 7000 trees. “Monitoring the wind speed, temperature, humidity and solar radiation shows the best time to spray and by using the soil moisture probes, I know when to water the trees.”

¹ EnviroSCAN® is a complete and stand alone continuous soil moisture monitoring system.
Despite all this new technology, scientists such as Jacqueline Balston caution against placing too much faith in climate and weather data alone. “Although good information is valuable, because there is an element of probability in climate and weather information, there are many things that we can’t change,” Ms Balston said.

Still, producers like Marcello Avolio have been won over by the array of gadgets and websites on offer. “I can wake up and check the wind speed to see if it’s okay to spray, without even looking outside. If it’s not, I can stay in bed.”

Avocado recordkeeping

*It’s nice to know the “horses for courses” rule works for software. Tim Kemp, a fruit tree farmer, from NSW describes his discovery and use of a software tool specific for the avocado industry.*

There are no hard and fast rules when it comes to software. You might spend an hour a week or maybe an hour a month entering data into a program. Or you might be like farmer Tim Kemp of Peats Ridge, New South Wales who spends a couple of hours, once a year entering information into the avocado management program AVOMAN

“You can put in a whole heap of job records, like spraying on different blocks, or slashing and pruning. There’s also a section to keep your crop data, for example, how much fruit you got off. That’s mainly what I use it for,” he said, “but there also a section in there for recommendations. You get your soil and leaf analysis and enter that into a section and then it can make recommendations on fertiliser requirements and timing, that type of thing.”

This small investment in time pays off. “Our yields have improved and the software has been a part of the reason,” Tim said. “Knowing what happens on your farm historically leads to more sound decision making,”

At the end of each season, Tim sits down and enters the crop harvest data for the property. “It’s totally up to the individual how much information you enter. I don’t enter a lot of information, personally I think if you spend more than an hour a week on it, it would be a bit of overkill.”

The main benefit of AVOMAN according to Tim is record keeping. “It can produce almost any report mainly to do with crop data. Amounts you’ve got off the farm or per block or per tree,” Tim said.

**Orchard Software**

- Bugmatch Citrus
- CitrusPro
- MacMan
- Rambutan Pest Monitoring
- AVOINFO
- AVOMAN
- Orchard Management System

**Taking the guesswork out of feeding**

*Guesswork is no longer a major ingredient for feeding decisions on John Lowe’s property. The days of an educated guess have long since passed, instead, replaced by Grazfeed.*

John Lowe runs beef cattle, prime lambs and a suite of software tools on his farm in Lowther, New South Wales. From accounting and weather to industry specific programs, this farmer wouldn’t be without a computer in his business.

To monitor animal feeding, he uses Grazfeed, a software program that provides simple ways of applying current feeding standards to grazing animals on any type of pasture. Although the computer does all the calculations, John still needs to get involved.

When lambs need fattening, John heads to the paddocks to do a visual
assessment of the amount of green and dry matter. “I’ll punch that information through and get an idea of what weight gains I should be expecting off that pasture. If my assessment is correct it will tell me when those lambs will be approaching a saleable weight or target weight.”

And its not just weight gains that interests John. “I’ll also do that sometimes to look at our lambing ewes to work if their losing too much weight and to see if they’ve got enough feed or if they need supplementation.”

Saving time is another draw card for John. “I’m not weighing stock as much as I normally would be so that’s a saving in time.” Entering data into GrazFeed is not a time consuming task. “I’d be lucky to do it on a monthly basis. It’s mainly when there’s a strategic need to know what’s going on. Sometimes if I think they haven’t got maximum intake I will go and do another assessment.” But the biggest benefit for John is in planning. “I use it for developing strategies for feeding or for when we think we may be able to market our stock.”

“Our accountant also has us using BankLink software. They email us an electronic version of our bank statement and we run it through the program and basically code the bank statement,” he said. Then the statement is off on a round of accountants and checking until it’s ultimately spit out for the taxation department.”

Although John is an advocate of technology, he has some food for thought to share. “I certainly use the computer as a tool but I’m conscious you can get trapped taking in large amounts of information without translating it into worthwhile activity. There has to be a balance of what happens in the office and what happens in the paddock.”

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Software to manage farm machinery

One of the most lethal environments for Australians is the workplace, especially on the land. Now a new piece of software is taking the hassle out of forecasting dangers at work.

Burns, falls, roll-overs, electrocution, flying particles, dislodgement of machine parts, loss of fingers, hearing damage, driving accidents and amputations. These are some of the accidents the average farmers faces as he goes about his daily work.

A recent Federal Government report showed the cost of work-related injury and disease to workers, employers and the community in the 2000-01 financial years was $34 billion. Not surprisingly, the report found the more severe the incident, the higher the total cost would be.

When new machines and practices are developed there is a need for rigorous risk-assessment. Threats of litigation and constantly changing legislation have made it essential for employers to have the latest safety information.

Russ Collyer has worked as a fleet manager for the Mildura Regional Council for seven years. He has been a fleet manager for 35 years. His council is one of a number of organizations using computer technology which have improved their Occupational Health and Safety (OHS) systems and practices.

“The council in general undertook an upgrade,” he said. “They have been using software called ‘Plant Assessor’ to help determine their risk management strategies.”

‘Plant Assessor’ is a new do-it-yourself tool which specializes in risk-assessment. The web-based program has been in the public arena since August 2005 and has been designed to be compatible with existing plant equipment.

Russ Collyer is someone who would know about the recent developments in the risk-assessment field. After all you don’t spend 35 years without learning the tools of the trade. In this case his tools have gone from a rusting heap to a brand spanking-new set of the Black and Decker variety.

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<td>• Machinery Cost Calculator</td>
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<td>• PAM QA Plus</td>
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<td>• PAM Ultracrop</td>
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<td>• Plant Assessor</td>
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“We had another program that we used for a number of years, but we couldn’t go away from this (Plant Assessor) because it was just too consistent.”

The program is easy to use. Clients simply log on to a website and separate pop-up windows open up. From here the client enters in their user-name and password plus the type of plant (machinery) they want a risk-assessment for and this brings up a set of questions. When the questions have been answered the program generates features such as a risk and hazard report, scheduled repairs, and information regarding potential hazards which need to be fixed by a certain date.

Owner and major shareholder of ‘Plant Assessor’ Paul Dean didn’t have an easy time in creating the software. He appealed to several organizations for funding but was turned down each time. “They basically said no straight away,” he said. In the end he had to dig into his own pocket to create the software.

He spent several weeks on the road marketing his program. By knocking door-to-door he found that people in rural and regional areas had a keen interest in software and technology. News travels fast in the rural parts of Australia and they had heard about his program.

“They know who I am and they give me their time. About 99% of the people I’ve spoken to want to listen,” he says.

‘Plant Assessor’ is always being updated. New legislation is introduced weekly in Parliament and a program which has outdated information is not usable in the modern market. Mr. Dean employs staff to update the program regularly. “Every week I have an auditor checking for legislation,” he says.

“It is all done online,” Mr Dean says. And this is a wise choice. This is convenient for farmers and rural businesses which don’t have time to monitor government decisions. When legislation is introduced or amended, clients are sent an email explaining the changes affecting the particular type of plant, when the changes will come into effect, and what the client needs to do to comply with the new legislation.

Depending on the number of questions which need to be answered, it can take as little as 10 minutes to generate information on a piece of plant. Anything from trucks to water-tankers can be entered into the easy-to-use program and it gives the client the most up-to-date information.

When considering the impact the internet is already having on the current buyer market, web-based programs are set to play a dominant roll in consumer interest. Already you can do your banking and your grocery shopping, book your plane tickets, and browse department stores all from the comfort of your computer chair. And we haven’t even mentioned eBay yet. This is just the start. The future looks exciting and endless for the World Wide Web.

Russ Collyer believes the great thing about the software is the fact anyone can use it. “The program can be used by anyone who knows a thing or two about plant machinery. It’s virtually idiot-proof.”

He agrees Plant Assessor has been beneficial to the Mildura Regional Council. “We have consistency in our risk reporting. Consistency is a major factor with this program. It is the best system because it gives us the questions to answer.”

For Paul Dean, one of the most important features of Plant Assessor is the way information is transmitted to his clients. “I believe you must be able to transfer information frequently and up to the minute.” When you consider people don’t like to go digging too far for information, a product capable of providing clear and easy-to-read data will always stand a good chance of succeeding.

There is a certain amount of pride in his voice when he talks about ‘Plant Assessor’. For him it’s a labour of love. And it doesn’t look like slowing down any time soon.

*Story researched and written by James Cook University journalism student, Stephen Pango*
Cattle software

_Cattle farming is a tough business, but excess blood, sweat and tears could well be a thing of the past with the help of cattle farming software._

Cattle plus

Cattle plus is a Windows-based program which records and analyses data input by cattle producers and informs them of the performance of their operation. The software which is produced in Australia by Practical Systems Pty Limited is well recommended by employee Graham Cotter as being ideal for cattle farmers.

“Cattle Plus is a tool that can greatly benefit growers by enabling them to make better business decisions in relation to the management of their herds. The software enables the capture of National Livestock Identification System (NLIS) data which in turn can be used to form the basis of selected herd management, collection of costs associated with the stock, track stock movement and numbers in paddocks plus a whole lot more details that rural business operators currently record manually in most instances,” Graham said.

The program has an enormous range of features, which includes trade, and animal performance where a special trade report is given, giving daily gain and daily net dollars earned and percentage return on the investment. The program also looks at feedlot usability incorporating treatments and costs and as well as feed amounts and costs. The program also deals with issues such as cattle care, electronic identification through the presence of an electronic tagging system and an import/export service whereby spreadsheets files containing your cattle information can be transferred to another user.

Cattle plus has an easy to use interface with clear and concise screens which are simple to navigate. Details such as a listing of animals and their associated data are always visible on screen and keyboard use is also kept to a minimal with the implementing of drop down boxes.

The accuracy of this input/output program is dependant on the accuracy of the information going in, Graham explains. “I guess you are familiar with the term GIGO (garbage in garbage out). This is a database, a complicated database and is as good as the data that is fed into it.”

Cattle fattening records

This program, which is produced by the Australian Possum Gully Software (PGS) Company, is designed by graziers for graziers. This program not only records cattle weight and the dates and therefore weight gains, but it also calculates and records all costs such as vet treatments, carcass data, performance, analysis, interfaces with electronic scales, electronic ID tags and bar codes readers. Richard Conibear, of PGS, believes this program is crucial in the farming industry.

“Whether the farmer is breeding cattle, or he is buying cattle to fatten, he needs to know which cattle perform better than others. This relates to weight gains, profit/loss, carcass measurements and so forth. If he can identify that cattle bred from a certain bloodline always perform better than other bloodlines,
then he must select future breeders from the better bloodline. Similarly if he is buying store cattle to fatten, he needs to know which suppliers’ cattle perform better than others,” Richard said.

The program traces the origin of the cattle and monitors the animals’ history by their performance and growth as well as by their costs and finally from the point of view from their carcass feedback. This then shows whether they have performed from a profit and loss standpoint as Richard explains.

“With the advent of the National Livestock Identification System (NLIS) system, cattle now need electronic implants for recording information right through the supply chain. When a farmer sells cattle, he needs to inform the NLIS database electronically about which cattle he has sold, and where they have gone to. If his cattle are stored in his own database, along with their NLIS numbers, then the software can collect the information and email it to NLIS. The software can read these numbers from a “wand” plugged into the back of the computer for storing in his database,” Richard said.

The program also looks at projections for the future as it identifies low weight gains, keeps track of vet records, drug treatments, and feedlot information and provides carcass feedback and numerous other features.

The screens for this program are simple yet effective with colours used on the screen to make it more readable. The software comes with comprehensive manuals and online help screens. There is also training offered on the use of the product, but this is not included in the cost. If you are still worried, however, about the difficulties in using this program, Richard says to think otherwise.

“I was a cattle breeder myself for many years, and so I understand the terminology used in the industry. Consequently the information and data prompts on the software screens are familiar to beef producers. Everything is menu driven and logical. A user basically has to know how to work a mouse, and only needs rudimentary typing skills,” he said.

**Breedcow and Dynama V5.xx**

This is a software package that contains nine separate but integrated programs. It is a herd budgeting program, which helps you make better decisions based upon calculations made from your data. The program is produced by Bill Holmes Principal Agricultural Economist Department of Primary Industries & Fisheries and may be considered a huge asset for cattle farmers.

“The Breedcow and Dynama software package benefits cattle producers by letting them get more money out of their cattle operation without working the country any harder. It assists sensible (and profitable) choices in the adoption or non-adoption of particular husbandry methods, selection of age of turnoff, and in evaluating investments in land purchase, property improvement (including pasture improvement and the provision of extra fences and waters), and changes to pasture management (e.g. wet season spelling or stocking rate changes),” Bill said. Breedcow calculates cattle structures in relation to sales and death rates as well as branding rates. Dynama is used to project net incomes, cattle structure and loan balance based upon your existing financial and herd situation.

The other related programs in the Breedcow and Dynama package are Monthcfl, Taxinc, InvestAn, AECalc, Beowplus, Destock and Prices which are all calculator programs and useless if not properly used, Bill said. “Breedcow and Dynama has no hard-wired data – programs are all simply calculators. Accuracy is therefore entirely a function of user input. Programs are used to project future outcomes,” he said. The program is Windows-based with two-day workshops also being conducted on use of the programme.

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**Paddock Software**

- **Cattle Fattening Records**
- **Concepts Cropping**
- **Concepts Dairy**
- **Farm Site Professional**
- **Farm Trac Plus**
- **Farmbook Premium**
- **FertiPlan**
- **FuzMe**
- **Imagine**
- **Paddock Area Calculator**
- **Paddock File**
- **PAM Crop Diary**
- **PAM Enterprise Edition**
- **PAM QA Plus**
- **PAM Ultracrop**
- **ProKollect**
- **Rotation**
- **Rural Pack**

*Story researched and written by James Cook University journalism student, Chris Clark*
Tales of a software trainer

Meet Liz Alford. Western Australia’s Queen of the desert. The software training Queen that is. And just like Priscilla she travels the countryside in the comfort of a 43 ft mobile home coach. But it’s not just her 290,000 square km door-to-door service that’s unique it’s her belief in empowering farmers with technology that sets her apart.

Liz Alford doesn’t beat around the bush when it comes to describing her role as a software trainer. “What I’m trying to do is help farmers get ownership of their business and not to be told what they can and can’t do,” she said. “I don’t teach them how to push buttons to make programs work I teach them how to use the computer as a tool to achieve their end.”

The idea for the business was born 10 years ago when Liz and husband Mack decided to retire from a life on the land. “I wanted to provide a service that we had wanted ourselves and couldn’t get,” she said. Back in those days it was all about the basics, “I used to teach farmers how to use a keyboard, whereas now it’s about managing their business,” she said. And everyone involved in the business joins in, not just the boss. “I charge by the business not the amount of people,” she said.

When Liz arrives at a property, she sits everyone down around the kitchen table and gets them to explain where they fit into the business and what their roles are. “People need to understand why the information they get is important and where it fits into the chain,” she said. “It’s not just the boss giving them something to do.”

For farmers, the one-on-one training allows them to see first hand how technology can work for them. “They want to learn about their business,” Liz said. “They’d go to training courses and come back saying they didn’t learn anything because they used hypothetical situations.” Liz said she believes if farmers are to maintain ownership of their business they need to understand technology themselves and not rely on others.

“A farm adviser should be used as an adviser not the man who does everything and tells you what to do,” she said. “I’ve had people who used to get their farm

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adviser do their budget but if they made a mistake they couldn’t understand why. It was because the farm adviser owned the budget not the farmer,” Liz said.

“Whereas now we are empowering farmers to do their own budget and go to the adviser with something prepared. They can argue with him about why something has been done. I’ve seen where they’ve left freight totally out or didn’t do the fertiliser right and if you blow your budget by $50,000 you’re in hot water.”

Living and working from a mobile home office means Liz’s working hours are flexible. “When the kids come home we can stop and I can just go back to the coach and we can either start again that evening or the next morning,” she said.

An average visit from Liz lasts 4 hours. “By then they’ve had enough,” she said. Before leaving, Liz gives the farmers homework to complete before her next visit. “I don’t actually sit with them for two days while they do boring data entry.” When Liz returns, all the data has been entered and then it’s a matter of looking at ways to use the information as a decision making tool.

Some of Liz’s clients have come a long way. “I’ve gone from teaching data entry to setting up figures for secessions planning and all sorts of complicated things.” she said.

Choosing the right software program is an important consideration. “A lot of programs are extremely powerful and not all parts are needed. Some programs allow you to turn the bits off that you don’t want and then it’s not so daunting,” she said. Liz finds the PAM program is a popular choice of software among her clients. “Because of NLIS and individual animal stuff quite a lot of people are changing to the PAM program because it allows you to track individual animals but still run them as a mob,” she said. Wearing her other hat of quality assurance, Liz said the paddock recording function satisfies all the different masters that farmers need to comply with.

Teamwork is an essential ingredient in Liz’s recipe for a successful business. “I work with a farmer’s accountant,” she said. “You’ve got to work as a team otherwise everybody is wasting their time.”

So how does Liz decide who to visit and when? “People tell us where they are and I’ve got maps that I can write on. We put dots where they are and then hopefully we can fit everyone in on the next run,” she said. A visit from the blue bus can be quite a social occasion. “I think the fact we’ve farmed and my husband is with me helps break the ice. They know that we know what it’s like to have a drought. Or like this year it’s got very wet. We understand all that,” she said.

Liz’s husband Mac plays an important role in the business. “He’s good at making scones and cups of tea,” Liz said tongue in cheek.

Story researched and written in 2005 by James Cook University journalism student Linda Souter

Aquaculture Software

Aquaculture is booming and now accounts for nearly one-quarter of Queensland’s fisheries production. It’s no wonder farmers have turned to software for help in both establishing new farms and in improving existing ones.

The Queensland aquaculture industry has climbed from $36.1 million in 1996 to a massive $72.5 million at the end of 2004. This remarkable growth was caused largely by Aquaculture
which is now responsible for 24% of the total value of Queensland fisheries production.

In light of the boost in the aquaculture industry, the Queensland Department of Primary Industries and Fisheries (DPI&F) created software in 2000 for farmers to assist them in decision-making and support the growth of the aquaculture industry in Queensland. The five CD-ROM Series, AquaProfit was produced by DPI Agricultural Economist, Bill Johnston and targets the five core aquaculture industries in Queensland. These species include barramundi, silver perch, jade perch, marine prawns, redclaw and oysters.

Mr Johnston said that while working with the DPI&F he saw the need to assist people entering the aquaculture industry. “Aquaculture was an emerging industry in the late 1990s and had not yet found its feet, but farmers and investors were moving into the industry at a rapid rate. At the time there was very little economic information known about aquaculture, predominantly barramundi and red claw at the time.

“The initial catalyst for the AquaProfit project was the development of BarraProfit, a comprehensive decision tool and information package for barramundi farmers in Queensland and northern Australia. “The farmers and relevant industry associations grabbed the concept with both hands and AquaProfit was born. We continued to refine and develop the models over a number of years in consultation with industry members to a point where we could release them for sale.”

Mr. Johnston said the AquaProfit series uses a model that allows farmers to assess impacts and evaluate such factors as disease, fluctuating water quality, varying feed conversion ratios and market prices. “They can also assess price changes on profitability from inputs such as feed, fingerlings, electricity, packaging and transport,” he said, “AquaProfit was primarily designed as a tool to help those wanting to enter into an aquaculture venture make the most informed decisions possible. It allows the user to assess the profitability and associated risks of the project they plan to undertake before they turn a sod of soil. It also exposes the true cost of production and allows farmers to assess the risks they face.”

AquaProfit provides farmers with information about their expected annual return and assessments of production costs. It also determines the level of interest they can pay on borrowed capital, the payback period of the capital invested and what the risk of making a loss is in any one year.

“It aims to ensure more informed decision making. By utilizing the models, farmers are better equipped to enter the industry and have a greater chance of success,” he said. “However, those already operating can use the model also. By entering the farm’s data into an AquaProfit model you get a picture of how you are traveling. Updating the information each year can give you a comparison of the farm’s economic performance.”

“The models basically weigh up all the pros and cons of any management action.”

Aquaculture farmer, Mark Fantin is just one of many people using AquaProfit on their farms in Queensland. Mr. Fantin owns Sugarland Barramundi just south of Cairns in Meringa, which specializes in farming barramundi and eel. Sugarland Barramundi was originally a commercial barramundi grow out farm however 90% of the business has now shifted to the production of long-finned eel grow out for live export to Hong Kong and Taiwan.

“We began using AquaProfit and found it’s an excellent planning tool,” Mr. Fantin said. “I was keen to see a program allowing farmers to accurately predict profitability and viability before spending large amounts of money.” Mr. Fantin said AquaProfit has helped him improve his accuracy in relation to

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decisions in planning. “It’s a great educational tool and great for people who don’t have a great understanding of operating an aquaculture business”.

Mr. Fantin encourages farmers or those starting out in the aquaculture industry to try AquaProfit. “The information that AquaProfit provides is not really easy to get in other ways so it’s really useful. I’d recommend AquaProfit to all farmers, particularly new entrants.”

Mr. Fantin said his business has expanded in many ways and he would continue using AquaProfit to help with his planning decisions. “We are continuing to increase our eel production and attempting to commence a recreational sports fishing business allowing the capture of barramundi and mangrove jack,” he said. “We will continue to use Aquaprofit to ensure we have accurate financial planning of or new venture.”

Mr. Johnston said he had received nothing but positive feedback from users of AquaProfit. “Farmers comment that the programs are well constructed, mirror operating farms and easy to use. The main comment that I receive is that the information the programs provide are not available anywhere else”, he said.

Mr. Johnston said he continued to maintain contact with AquaProfit users to ensure they received the support they needed in using and applying the product in their business. “I regularly deliver workshops to industry participants, give presentations at workshops and make an effort to maintain on-farm visits where possible,” he said. “In terms of training, I am always available to conduct workshops that look at how the models work, are applied in the business, and what the results mean.

“Commonly I am asked to develop models for a whole range of aquaculture industries based on the AquaProfit series, such as mud crabs, sand crabs, marron, grouper… the list goes on. The concept has been so successful that I am asked to provide similar assistance to our Pacific neighbors.”

Story researched and written by James Cook University journalism student, Rebecca Giliberto

Planning the Farm

Farmers are taking advantage of the latest developments in digital mapping software to help manage their properties.

View from the Farm

“Hooroo,” he said as he left his farm in Northcote, Ayr. Farmer David Cox was on a mission to Minneapolis in America to attend a conference about the latest in farming software. That was in 1998 and now he is reaping the benefits of his ‘Farm Works Software’.

Mr. Cox owns a 200,000 tonne cane farm in the tropical North Queensland town of Ayr. When he is not out mapping his property, he is the Chairman of the Renewable Fuel Association of Australia. He bought software from Farm Works while he was in the USA.

“Farm Works were very prominent at the conference and they seemed to offer very user friendly software which looked easy for someone who isn’t very computer literate or skilled,” he said. The software gives farmers the opportunity to draw farm paddocks and to keep data of the property’s history and chemical usage.

Mr. Cox seems like a wise and worldly man who is modest about using technology. He has been using computers since 1987. He says that his office assistant, Rhonda, helps him when he gets stuck. But it was tough as a first time user. Buying the software in the United States meant he had no assistance once he returned home. It was a huge learning curve, but Mr. Cox is using it to his advantage.
There are different software packages available through Farm Works; Mr. Cox uses Farm Trac and Farm Site mapping solutions that process and store data and works through Microsoft Windows. It maps and coordinates through a Geographic Positioning System (GPS) receiver. This software allows you to create your own boundaries on your property and help establish yield data.

Yield data puts your farm into block form, creating a map which shows the moisture and elevation of soil or produce. Farm Site is GPS compatible and uses coordinates to provide layers of soil types and tests, which helps planning the land for the next year.

“Yield contour map is site specific in areas where there is high or low growth. When we harvest our cane we measure the yield across the field, so we can treat the land variables. These variables are different and let us target the application of fertiliser and soil condition where they are needed the most,” Mr. Cox said.

GPS and mapping software are vital for future farming. The software that is available is simple to use and saves time. “If I didn’t have the GPS and software I would be spending many hours going out in the field,” he said.

Farm Works software has many capabilities, but Mr. Cox is happy with what he is using. Since using the software his farm’s cane production is up 15%. Mr. Cox is living proof that mapping software works in the farming industry. Farm Works has made life easier for this very busy farmer and businessman.

“Everyone needs to be using software; you cannot manage a farm without mapping out your paddock,” he said.

**View from the Developer**

When there was a glaring gap in the farming market for a product to assist mapping and land records, dynamic duo Darren Brunning, chief software Architect and Paul Orfano operations manager, filled the abyss by creating their Agricultural Software, FarmKeeper. “We think we have hit the nail on the head by creating an innovative and useful product that’s powerful and gets the job done,” Mr. Brunning said.

FarmKeeper was developed in 2003, and is currently not a 3D modeling solution. It takes a 2D image and adds layers on top of layers to produce effective overlays.

There are four main parts to FarmKeeper. The first part is the mapping solution designed to take images and make them accessible to farmers in a way that makes managing their farms successful. The software takes those images and creates more than a 100 different file format types. From this, farmers can use the program and to map their property using functions such as: drawing paddocks, measuring areas, planning new paddocks, identifying pipes, water sources and buildings.
Many farmers find technology intimidating, so to take on new technology the software must be easy for the farmer to install and access. FarmKeeper allows farmers to get the information they want. Digital mapping solutions are devices that help farmers put what they already know about their land into a visual context. This allows them to successfully carry out the tasks they want to do.

In September 2005, FarmKeeper took part in a workshop funded by the National Landcare program and held by the Desert Upland Committee in Charters Towers. FarmKeeper gave free Geographic Information System (GIS) training to 10 properties from Balfes Creek and Lower Cape Landcare groups. Each of the 10 farmers brought their computers and learnt how to apply GIS and GPS software. According to Paul Orfano, Queensland’s farming industry is very advanced.

“Queensland is a very progressive state compared to other states when it comes to making farms work efficiently and productively. We are getting a lot of interest from Queensland since our recent launch,” he said. Landcare and project officer of Desert Uplands, Alanna Wright organized the event. Ms Wright chose FarmKeeper because it was cost-effective, simple to use and produced detailed mapping solutions. “It is really handy to have a bird’s eye view of your property. You get to know your property from a different perspective,” she said.

Each farmer was issued with the software and given the confidence to pick up and use GPS and GIS systems. Many farmers have had GPS technology for years but have never had the self-belief that they can use it. Workshops such as Desert Uplands have given farmers the belief and skills to use technology to their advantage.

Chair of Balfes Creek catchment and cattle producer, Phil Cook had used a GPS system before, but never been able to connect it to his computer. “I think the whole thing is very practical, it’s very good in the way we can pull together the property map, the satellite images and the regional ecosystem map and superimpose all of them to see exactly what I have on my place,” he said.

But according to FarmKeeper operations manager Paul Orfano, “As more and more farmers are getting comfortable with computers, coupled with having greater access to digital mapping and accessibility to the Web, we believe tools like FarmKeeper are the way of the future. It makes a great deal of sense for farmers to utilize the computers they all have to maximize the use of information available,” he said.

“The computer is no longer an alien device and disconnected from the farmer. It forms part of the necessary toolset to make farming profitable, efficient and productive. To be competitive and have long-term farming aspirations, it should be an essential part of farming into the 21st century.”

Story researched and written by James Cook University journalism student, Fallon Hudson

Mapping the Cane Paddock

Sometimes mapping needs to move beyond the farm boundaries in order to assist farmers with their decision-making.

The Herbert Resource Information Centre (HRIC) helps the local sugar industry improve decision making in the Herbert through the use of GIS mapping tools. “We give [the farmers] access to data about soils, vegetation and cane blocks,” centre manager Raymond De Lai said.

Internationally recognized as one of the first community collaboration GIS centres, the HRIC is a joint venture by Canegrowers Herbert River, CSIRO, CSR Sugar Mills, Herbert Cane Protection and Productivity Board, Hinchinbrook Shire Council and Department of Natural Resources, Mines and Energy. The centre was established in 1996.

It came about simply because the individual partners could not afford their own GIS systems and the people with the skills to operate it. Centre manager, Raymond De Lai said the centre’s role in the community was an important one because the information they provide is invaluable.

The HRIC was established, not to provide direct support to the growers, but to help in a more indirect way, “We were formed to support the institutions that support the farmers,” Mr De Lai said, “[But] in the future we are looking at providing more direct assistance.”
GIS stands for Geographic Information System. It’s powerful software for managing large amounts of information about the land and infrastructure, pinpointing its exact location. Worldwide, GIS mapping is used in a variety of industries, providing layers of information from satellite imagery to geological information. Geoscience Australia lists just some of the uses here in Australia as mapping energy sources, environmental management, geological surveying, and mineral mapping.

Recently, the HRIC distributed CD ROMs to farmers giving them access in their own homes to cane block data. Canegrowers Herbert River manager, Peter Sheedy said that although the CD had a fair amount of useful information for growers, there were avenues for further use of the system. “Farmers with individual requests for mapping can arrange with Canegrowers to produce scale mapping of particular sections of their land,” he said. The same service is also offered through the Herbert Productivity Services Ltd.

Mr De Lai said there was a range of possibilities for the future of GIS technology in the sugar industry. He said work was being carried out in the field of precision or control traffic farming, using satellite guidance to maneuver farming equipment to extremely high precision. So precise in fact that it can be steered within two centimeters in a paddock, reducing the levels of compaction in a crop.

Mr Sheedy said the advances were worth looking into. “We’ve got a few [farmers] who are early implementers of [control traffic farming], and the trials with that have shown to have great promise,” he said. “If it can be shown to have economic benefits, I think there’s a strong possibility of the implementation of that in the industry. And it will just be another practical application of [the GIS technology].”

Since starting work in Ingham and surrounding districts, the HRIC has been involved in a range of projects to help not just the farmers, but also the entire town. The centre is working alongside the Herbert River Improvement Trust in a study of past flooding in the area. The project involves developing a state-of-the-art flood model of the Lower Herbert River and floodplains covering about 940 km². The model will be used to find the effects of past flood prevention approaches and explore possible measures that could reduce flood risk. Mr. De Lai said this type of collaboration was common in town planning. “About 80 percent of decisions made in any area involve the use of spatial data,” he said.

Mr Sheedy said the HRIC was beneficial for all the partners. He said, as the financial support for the growers, Canegrowers were interested in the technology as a powerful decision-making tool. Further, CSR Sugar Mills’ interests lie in information on cane transportation around the district, sugar cane quality, disease outbreaks and monitoring harvesting.

Geography students at Ingham State High School are using software and information provided by the centre as part of their studies. Not only does the school receive access to GIS data such as aerial photographs, satellite images, infrastructure information, cane blocks, a town plan and drainage information, but the HRIC also provides them with a casual GIS assistant to give the students real life work experience and training in the field.

In 1998, with the encouragement of the HRIC, Ingham High School entered a national GIS in schools competition. Working with Victoria Mill, the Department of Natural Resources, Mines, Energy and the BSES, the students helped solve a real life problem using their knowledge of GIS.

With a surprising second overall placing, the students received a merit certificate in the Australian Rural Education Awards and were the opening speakers at the North Queensland GIS users’ seminar. And what would 15 minutes of fame be, without a feature article in GIS User Magazine?

But, it is the farmers of the Herbert River Catchment who benefit the most from the technology. And it seems the centre’s financial backers agree, recently committing to a further 10 years of support. Mr. Sheedy said the HRIC was definitely a worthwhile venture. “I think the HRIC is something the industry would want to see retained and enhanced,” he said.
“I think it has all kinds of possibilities to help people with their farm management practices.”

Story researched and written by James Cook University journalism student, Chris Silvini

**Peanut Software**

*Spray calculators, gross margin analyses, paddock recorders, finance, lease and machinery costs, cash flow, risks, managing a farm is not a piece of cake, especially during a drought.*

A savior has come along for peanut farmers in the form of the “Smart Peanut” software programme. Project leader and agricultural economist, Fred Chudleigh worked with the DPI&F peanut research team, Drs Mike Bell, RCN Rachaputi, Yash Chauhan, and Graeme Wright to produce the groundbreaking software.

Graeme Wright said Smart Peanut’s progress was driven by grower industry groups and researchers who had developed some new crop modeling tools that allowed existing economic analytical tools to be combined with bio-physical crop models to assess climate risk within the economic decision making process. A number of growers have helped verify and endorse the software by supplying their financial information, with a number of cropping systems from around the state being evaluated.

One person who knows about grains and agriculture is long time farmer, Peter Russo. Peter Russo is a sugarcane farmer in the Bundaberg region and has only been growing peanuts for a year and says the Smart Peanut CD has great potential. “We are not big peanut growers but we can see the potential of it.”

The Smart Peanut CD can calculate huge amounts of complex information and scenarios. The software analyses farm inputs, machinery costs, weather patterns, potential risk and profits, labour expenses and yield distributions.

Peter Russo said Smart Peanut can help farmers in many different areas of farming. Money and time is one thing the Smart Peanut CD can save. For example, if a farmer wanted to buy a new farm or tractor, the farmer could input the costing into the Smart Peanut program. Using spreadsheets and scenarios, the program then can give the farmer an idea if it is worth buying the farm or tractor.

The Smart Peanut CD is a user friendly program, does not need any technical support and only requires Internet Explorer, Microsoft Excel, PowerPoint, Access and Word. It uses Microsoft Access to interact with a database containing a series of pre-run crop model simulations which the program accesses to retrieve long-term climatic scenarios.

The Smart Peanut CD is not just for peanut farms but can be used for all farming crops and livestock farms. Technology like Global Positioning System (GPS) which is used for mapping and guidance is changing the way farmers grow their crops. Peter Russo said the Smart Peanut CD was in the same league.

Peter Russo was introduced to the farm management software at a one-day workshop in the peanut capital of Australia, Kingaroy. The workshop was designed to offer farms with a tutorial on the Smart Peanut software. Substantial interest was generated by farmers at the Kingaroy workshop, Dr Wright said, “The farmers and related agribusinesses who attended the information workshop expressed considerable interest in this software and are keen to use the released version once it is available.”
Farming services manager, Pat Harden from the Peanut Company Australia (PCA) said the program was designed to help farmers do "what if" scenarios, especially before spending large amounts of money on equipment such as peanut dryers or harvesters. “It is hoped that the software will help improve grower’s economic position by giving them the tools to help in economic decisions in their farm business,” he said.

Story researched and written by James Cook University journalism student, Dallyn Parker

Quality Management in Strawberries

Do the words quality management send shivers down your spine? And does the thought of developing a quality management system on the farm seem like a daunting task that’s needs time, money and expertise?

The Strawberry Grower’s Story

The Sunland Market Farmers Co-operative is a group of 15 strawberry growers who realized early on the need for quality management. Cooperative quality assurance manager and farmer Mr Ron Smith said back in 1997 problems were occurring when customers ordered multiple pallets of fruit from the cooperative. “If they ordered 20 pallets, they’d all look different,” Mr Smith said. “The customers expected them to look the same with the same colour, size, grading and packaging. We said to ourselves, we really need to pack the fruit together to ensure it was consistent every time.”

So the packing shed was born. “If you can produce something they want you’ll get the best price,” Mr. Smith said. Once the packing shed was up and running a quality system was needed to ensure standards were met and all farmers knew what was expected of them. “We were good at what we did, it was about having the documentation to prove it,” said Mr. Smith. “We had the quality system in our head it, was just a matter of putting it in writing,” Mr. Smith said.

Deciding on a quality system was a democratic process for the cooperative. The group used brainstorming and trusty butchers’ paper up on a wall to come up with their system. The group created a system that would control the whole process from the time the fruit was planted through to when it was packed and shipped to market.

But the group had a little help. A quality management consultant was engaged to oversee the process. “He had the expertise and was able to organize government funding,” Mr. Smith said. Once the group had decided on a system the consultant went away and wrote the manual in a Word document and these were then distributed to all members.

Mr. Smith role as quality assurance manager involves maintaining the quality system and internal audits of the farms. “Without the software to manage the system I’d end up buried in papers,” he said.

“We were good at what we did, it was about having the documentation to prove it.”

The Developer’s Story

Back in 1997, Mr Alan Jones, CEO of Queensland software company Qudos, was working as a quality management consultant. “The problems people faced learning to set up systems were similar no matter what business they were in,” Mr Jones said. “People were struggling to decipher complicated quality standards which were often written in legal terminology. “They also weren’t sure how to apply the standards to their particular industry.”

So along came Quality Manager Toolkit. Mr Jones developed the software toolkit to hold a customer’s hand through the five stages in developing a quality system; the understanding, planning, documenting, implementing and verifying. According to Mr Jones the most

Other features customers were asking for were gap analysis and project planning. “They wanted help to confidently plan and monitor the development of their system,” Mr Jones said. Also on the customer’s wish list were sample documents such as forms, standard letters and flow charts to use as guide. To add that dose of reality to quality management, case studies were included in the toolkit to help show customers the application of quality systems in a wide range of industries and business types. But every business has different needs. “I made sure the toolkit could be easily customised for any document to include their unique knowledge bank,” he said.

But setting up a quality system is only half the challenge. Once it’s up and running, the next hurdle to face is maintaining it. That’s where database software comes into play. Large organisations such as the Queensland Department of Health operate Qudos System 3 while smaller businesses such as the Sunland Market Farmers Cooperative from Caboolture, north of Brisbane, find the smaller System 2 more appropriate.

The System 2 provides long term operation of quality, OHS, food safety, or integrated compliance management systems. It has modules for document control, issues management and action planning, risk assessment, training and personnel development, internal audits, performance measurement, and meeting records.

<table>
<thead>
<tr>
<th>Quality Assurance Software</th>
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<tbody>
<tr>
<td>1. AgInfoLink.NET Online Solutions</td>
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<tr>
<td>2. Arkive Test Drive</td>
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<td>3. Burratronics Label Printing System</td>
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<td>4. CattleLink</td>
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<td>5. ER Mapper Professional</td>
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<td>6. Export calculator</td>
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<td>7. Export-It</td>
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<td>8. Export-It Plus</td>
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<tr>
<td>9. FARM Software System</td>
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<tr>
<td>10. Farm Stock</td>
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<td>11. Food Safety Toolkit</td>
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<tr>
<td>12. HandiRISK</td>
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<td>13. Horticulture Arkive</td>
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<td>14. HS: Heat Stress Model for Live Export</td>
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<td>15. iAppraise</td>
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<td>16. iAudit</td>
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<td>17. iFarm Crops</td>
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<tr>
<td>18. iFarm Crops &amp; Livestock</td>
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<td>19. iFarm Livestock</td>
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<tr>
<td>20. iHACCP</td>
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<td>21. iMobility</td>
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<td>22. Infopost MSDS (on CD)</td>
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<td>24. ISES Plan Development</td>
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<td>25. JASMaster</td>
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<tr>
<td>26. MacMan</td>
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<td>27. Management of nutrient rich wastes</td>
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Story researched and written in 2005 by James Cook University journalism student Linda Souter
In the rural Victorian town of Warrnambool Dave Beggs and Mike Hamblin are known as the town vets. But what many don’t know is that they dedicate their spare time to developing software to help dairy farmers manage their farms.

Growing up on a farm, Dave Beggs was a great help to his parents. But instead of being out in the yard doing the tough stuff, he sat at his old Apple computer writing software programs to help manage the farm. Today, Dave still develops software specially designed to help farmers, that’s when he’s not giving practical help to their animals.

Dave Beggs is not your average computer geek by any stretch of the imagination. In fact, among other things, he’s a practicing veterinarian. In 1990, Dave graduated from the University of Melbourne with a Bachelor of Veterinary Science, and received his Masters in 1998 – not a conventional start for a software designer. He has been a vet for the past 15 years, was developing software for five years before that, and currently works at the Warrnambool Veterinary Clinic in rural Victoria.

Given his upbringing and experience as a vet in the dairying area, it’s not surprising he developed computer software to help troubleshoot on the farm. Dave and his business partner, Mike Hamblin, also a qualified vet, became increasingly aware of growing problems associated with managing farms. Herds were growing, and the paperwork was more difficult to keep under control. So Dave got serious about his hobby and wrote a program to help farmers manage their herds.

In 1992 Warrnambool Animal Production Services released “Dairy Data”, which was a unique service at the time, and still is. Most programs of this nature are often written by software developers who have never set foot on farm. Dairy Data was written and developed by Dave and Mike from personal experience, and was customer-driven all the way.

The program is a management system for dairy herds, and best of all, it is simple to use. At the time any new herd member is born, its details are entered into the system. Information recorded includes parentage, breed and weight, and of course, the date of birth. Each beast has its own individual record of significant facts, health status and events of importance. The program allows for a one time data input of all information, making life much simpler for the producer, as well as providing comprehensive reports for vets, accurate and easy to understand reports. It allows for investigation into serious health problems such as mastitis or infertility in the herd, and helps to control diseases and stop them spreading through the herd.

The program also details the cows’ fertility, including best times for conception and which animals are expected to calve, provides stock inventory and cell count records – all of which can be viewed on the computer screen.

Between 1997 and 1998, Dave and Mike released their second program, “Farm Cash”, which “captures the physical and financial information of a farm,” says Dave. Mike, “the idea’s man”, found that farmers needed a way to “trap” information. And Dave agreed, saying that when it came to tax time or knowing how much food to order, “all the information needed is on hundreds of pieces of paper that are in no particular order”, so Farm Cash was developed to help relieve this problem.

This simple piece of accounting software requires little knowledge of either accounting or computers, and once again was written specifically for dairy farmers. Information gathered from invoices and
accounts is entered into the system, and helps the farmer keep track of milk production, consumption of fertiliser and grain, as well as other key factors. Even the amount of grass eaten can be determined; it doesn’t get much more efficient.

As you’d expect of a program called Farm Cash, it also helps with streamlining tax returns. The program can analyse any time frame, though, not just the financial year.

Dairy Farmers seem to be relishing all the help they can get. “The response has been really positive,” Dave says. More than 400 farms are using Dairy Data, and another 200 using Farm Cash. And the pair are continuing to develop programs for dairy farmers. They have also produced an advanced copy of Dairy Data designed for vet clinics, which is now used by over 20 clinics.

They also keenly take farmers suggestions on board to accommodate further needs. Every year they take users’ suggestions for improvement, or something else they need the program to do and upgrade the program, as Dave said, “We constantly upgrade the program based on customer needs and comments.” This costs $70 a year for the user to upgrade, but is optional, and as Dave says, “If it works for you, you don’t need to upgrade your system.”

Story researched and written by James Cook University journalism student, Michelle MacDonald

Computerised Tractors

It’s predicted that in 100 years people will be driving around in hover cars, buses, motorbikes, and other unimaginable modes of transport. Will the same apply to tractors? Katie Nelson looks at the revolution that is the computerised tractor.

Ever since the early 1800s, tractors have been the backbone in running farms. Talk to Deane and Ryan Beare, a father and son farming duo from Goondiwindi in Southern Queensland and they fully agree, describing their tractor as being one of “life’s essentials”.

Deane and Ryan operate a wheat farm and have recently upgraded to one of these new beaut tractors which are quickly taking over farms nationwide.

“We’ve been farming since 1973 and have used the same tractor for the past 20 years. We farm mainly grain with a few cattle over 4600 acres. We grow wheat, barley, chickpeas, mungbeans, sunflowers, sorghum and triticale and also oats which we use to cut for hay,” said Deane.
With time being at a premium for the Beares who have three children, buying the new tractor seemed to be a sensible investment.

“It’s difficult to put an actual figure on how much time or money the tractor has actually saved us, but to us time is money in a way,” said Deane.

“It’s just helped us so much. We can do more acres over more hours without stress and without driver fatigue. We no longer need to use contract sprayers or anything like that because the new tractor allows us to use our own chemicals and attach our own spray rig. We also use the auto steer function a lot which we added after we brought the tractor. Auto steer is a computer-based controller that we use that links the tractor to a series of satellites and then back to the tractor’s main computer allowing the tractor to self steer. It’s reduced costs for us by about 15% in fuel, chemicals and seeds.”

John Deere, a major producer of computerized tractors has developed its own software for the “on board” computers fitted to the tractors. Bob Hodgson from John Deere Queensland gave a run down of what the software actually involved.

The three main components of the system consist of a StarFire receiver, mobile processor, and a display, he said. These can be transferred from a tractor to a combine harvester, self-propelled sprayer or to a vehicle for mapping out fields. Key cards are also used for the AutoTrac and other functions. With the option of the JDOffice program, the owner is able to access field maps and apply this to “Map Based Seeding” for planting row crops such as corn and cotton, or broad acre crops. Another function is “parallel tracking” and “autotrak” which is enabled by a GPS satellite connection.

Parallel tracking allows the operator to follow a parallel line of travel which helps them to reduce implement overlap on un-worked fields. The operator uses a screen to guide the tractor and audible and visual signals are used to alert the operator of any variations from the set course.

AutoTrac allows the tractor to self steer in a straight line from point “A” to point “B”. The steering system is controlled by signals from the GPS System. The operator is then responsible for negotiating turns at the row ends. There are also various pieces of software that John Deere offers which allow you to work from your home office, collect data to help plan your harvest and also software to collect data during harvest.

The JDOffice software which allows you to work from your home computer offers extensive record keeping for farms, field operators, machinery, crops, hybrids and varieties, chemicals, fertilisers, contracts and destinations. The program also allows the input of costs for these items to easily keep track of expenses. It can also record tank mix details such as individual ingredients and their rates, as well as weather conditions, total acres and application times. The JDOffice software also offers plug-in packages to add to and expand the software to suit individual needs. The AgLeader Plug-in allows you to download yield data directly from data cards, the Multi-Client Plug-in which is ideal for businesses such as grain coops, consulting firms and agronomists who deal with a number of different clients, as well as the Accounting Plug-in which allows the connection of records to accounting systems.

Both Field Doc and Harvest Doc allow farmers to collect important information to help manage operations from planning of the harvest, to the actual harvest itself. Field Doc offers information and records data about field conditions, tillage practices, fertiliser rates, seed varieties and populations and weather conditions.

2 JDOffice is an International product not included in this survey, more details can be found at www.deere.com/en_US/ag/servicesupport/ams/JDOffice.html
Harvest Doc then allows the collection of data throughout the entire harvest period. Field plans and task templates can be made before harvest as well as the collection of weather conditions, operator machine and header information. During the harvest the program also marks out the field boundaries and tracks the loads to their final destinations.

These pieces of software are just the basic options that have proven to be most popular with the primary producers. However, there are many more software options to suit your farming needs.

For those who are worried about the costs involved with services and how long it will take to actually get assistance if there are any problems with the tractor or any of the computer equipment, John Deere still offers its normal scheduled services as they did before, as well as on-call staff to help with any computer malfunctions. However, for those who are interested in the AutoTrac option and use a specific signal for satellite readings there is an annual licensing fee for that function.

“Accessing service for us has never been a problem,” said the Deane. “It’s usually excellent with parts guaranteed within 24 hours of breakdown. Although when the tractor was first delivered our excitement was dimmed a little when the brand new, just-delivered tractor stopped dead in our front paddock after only an hour of using it, where all the neighbors could see. It was the weekend that the dealer was having their Christmas party down at the coast so we couldn’t get anyone to come out and fix it for three days. It turned out to be a completely minor problem where the transmission control module would not connect to the engine control module so the engine control module just packed it in. It wasn’t funny at the time but thinking about it now makes us all laugh. Other than that we’ve had no dramas at all.”

With so many useful functions who would not want one of these tractors? Who knows, maybe one day hovering tractors will become a reality with robotic features that do everything a present day tractor does not.

**Taking a stud from paddock to the World Wide Web**

*From paddock to website, herd recording software allows a cattle stud to competitively operate and market in a global marketplace.*

Jeanette Stebbins from Princetown, Victoria, spends a third of every day using HerdMASTER software by Saltbush. “Being a cattle stud I really have to have up-to-date records,” she said. “Just about every time my cattle sneeze they are entered onto the database.”

Because Jeanette exports cattle and embryos she needs to provide buyers with an instantaneous answer. “If I’m rung up by someone in America they don’t have to wait 10 minutes for an answer I can give it to them straight away,” she said. Under the Animals section in HerdMASTER, Jeanette can quickly see which of her 130 head of cattle are on

**Jeanette Stebbins from Ardrossan Lowline Stud.**
Jeanette can also email buyers information and photographs from the software. A few years back Jeanette received a phone call from some buyers in New Zealand looking for 12 month old heifers. “I gave them the information one day and then the next day they flew over to look at them,” she said. “They took four then drove back to Melbourne and flew home that night.”

The HerdMASTER software is constantly being upgraded by Saltbush. “It hasn’t got absolutely everything that I want but I just ring them up and say how about doing this,” Jeanette said. “It’s important that the knowledge from the field is relayed to them.” Every few months Saltbush releases a new version of HerdMASTER which customers download from their web site. There is no additional cost as it is covered by the annual maintenance fee.

The technical support provided by Saltbush with their 1800 number is described as “terrific” by Jeanette. “They know me pretty personally up there now,” she said.

So good was their relationship, Jeanette got Saltbush to set up her web page. “I wanted something practical, nothing flowery and something I could keep updated myself,” she said. Jeanette is able to take photos from HerdMASTER and transfer them on the web page. “I can show what’s available for sale and for embryos a photo of the dam and sire,” she said.

Story researched and written in 2005 by James Cook University journalism student Linda Souter

**VegMachine: giving graziers a satellite view**

**Do you crave feedback on the way you manage your property? Sick of not knowing if you are getting the most out of your pastures? VegMachine might have the answer.**

In this age of satellite technology, the CSIRO along with its partners have developed a program to end the guesswork in farm management.

Based on satellite imagery from 1986 onwards, land managers use VegMachine to determine where and when to move stock, if and how to alter fence lines, the changing health of individual paddocks over time, and where pastures are being under or over used.

Jeremy Wallace, a remote sensing scientist with the CSIRO – Mathematical and Information Sciences (MIS), in Western Australia, said the idea was stumbled upon during a project with the Northern Territory government to develop their rangeland monitoring system. “We have been working with the technology for about 10 years … then one day we thought, hey, if we could package it right, producers could use it,” Jeremy said. Thus the birth of VegMachine.

So what is VegMachine, and how does it work? Terry Beutel, a rangeland scientist with the Queensland Department of Primary Industries and Fisheries (DPI&F) in Charleville, said it’s another powerful tool producers can use to aid in the management of their farms. “VegMachine is about measuring longer
term changes. So answering questions like ‘Is this paddock starting to degrade?’ or ‘Have I been under utilizing the pastures in this paddock, over the last few years?’,” Terry said.

VegMachine uses imagery from the Landsat satellite taken once a year, around August – September. The images show a mixture of woody tree cover and ground cover, and are analyzed in the program to produce a trend summary. “They (producers) can, for example, select any part of their property and VegMachine, from that, will extract the satellite imagery and draw for them a graph of changing cover on their property, over time. It reflects, one, the climate, so for example in wet years you’ll see a big increase in cover and, two, it will reflect historical grazing patterns,” he said.

And it’s as simple as that. No Internet connection to a satellite. No sieving through pages of documents. The DPI &F supplies the imagery, the program and the training. All a producer needs is a standard Windows-based computer and individual farm knowledge to interpret the data.

One man who stands by the program is Stephen Tully, manager of Bunginderry in south-west Queensland, who said it helped him to confirm and adjust his management strategies. “The main waterways and flood-out areas were the ones I was always suspicious of, and management was changing, it's reconfirming that. But it’s those areas that management will change a little bit. In other areas our management has been deemed to be better than I actually thought,” Stephen said. “The benefits I see of this program are that, A, it’s very low workload … The program is easy to use, you need very little. I mean you really only need to use a mouse, which most people can do now. So it’s made very user friendly,” he said.

Before VegMachine, satellite information was difficult for land holders to access. Stephen Tully said previously his decisions on pasture quality and ground cover had been based on memory. “By using satellite it’s a very cheap and very, very efficient way to monitor your place and you may be able to prove to someone who may say you're doing the wrong thing, you can say, no I am doing the right thing… look here’s the proof. And vice versa,” he said.

VegMachine is targeted at pastoral areas. Trials are rolling out in Quilpie, south-west Queensland, Victoria River district and Barkly Tablelands in the Northern Territory, and the East Kimberley district in Western Australia. Stephen Tully was introduced to the program about two months ago, and is one of four farmers in the Quilpie scene participating in the Queensland trial. Terry Beutel said the trial had been running in Queensland for the past nine months.

“This is basically a pilot. We have VegMachine running on four properties and we’ve got another three properties that we’ll get out to in probably less than six months,” he said. And the best part of it is … it’s free! Jeremy Wallace said producers don’t need any extra, expensive software to view and analyze the satellite data. “The idea of it is so it will be stand alone and free,” he said.

“Into the deal pastoralists give us feedback which is absolutely critical because they understand the intimate details of what’s going on their properties,” Terry said.
So what is down the track for VegMachine? Well, for one, the developers are in the process of ironing out the few wrinkles. “At the moment we don’t have the resources to serve everybody. It’s more about getting some people involved and give us some good feedback, and help us to evolve the system to a point where we can roll it out fairly easy to any property that approaches us,” Terry said. He said they were also accessing new satellite information with the help of the Department of Natural Resources - Climate Impact and Natural Resources Sciences group.

“It’s experimental still, but hopefully it will allow our producers to separate ground cover from tree cover, so they can look at the changes in those on their properties over time,” he said.

Stephen Tully has given VegMachine the thumbs up. “Potentially I think it has enormous promise…I think every place will want to use something like this in the future.”

<table>
<thead>
<tr>
<th>Property Mapping Software</th>
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<tr>
<td>Adviser, Back Paddock Software</td>
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<tr>
<td>AgGuide RowGuide – 2cm RTK</td>
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<tr>
<td>AgGuide Steering Buddy</td>
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<tr>
<td>Concepts Cropping</td>
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<td>Concepts Dairy</td>
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<td>Concepts Horticulture</td>
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<td>Concepts Livestock</td>
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<td>Farm Site Mate</td>
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<td>FarmKeeper</td>
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<td>FarmMap</td>
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<tr>
<td>FieldWare Tools</td>
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<tr>
<td>iFarm Crops</td>
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<td>iFarm Crops &amp; Livestock</td>
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<td>iFarm Livestock</td>
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<td>iFarm Mapping</td>
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<tr>
<td>Manager, Back Paddock Software</td>
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<tr>
<td>Paddock Area Calculator</td>
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<tr>
<td>Phoenix FARMS Mapping</td>
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<tr>
<td>PlanIT</td>
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<td>VegMachine</td>
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Story researched and written by James Cook University journalism student, Tianna Martin

Growers customise their Weight Grader’s software

What do a watch; washing machine and a fruit grader have in common? No, the answer isn’t that they all break down before the warranty expires. Almost all of these machines come equipped with built-in computer hardware operated by a small piece of software. In the case of the fruit grader, this software can be customized to make your business even more profitable.

Virtually any modern appliance is a special-purpose computer system, which is completely encapsulated by the device it controls. It has specific requirements and performs pre-defined tasks, unlike a general-purpose personal computer. Around the farm you’ll find computers embedded in everything from a GPS on a tractor, to irrigation systems and graders.

But what happen when things go wrong with the system? How easy is it to get problems fixed?

Turning to the manufacturers to replace or modify the system is a popular solution for many but it’s not the only choice out there. If you’re thousands of kilometers from the nearest service provider and you can’t afford the downtime of sending the system away for repairs you may consider customizing the system or in other words building your own.

The good news is you don’t have to be a Bill Gates to do it. It’s just a matter of knowing who to ask. Up on the Atherton Tablelands in Far North Queensland, electronic engineer Mike Smith is a problem solver. “People tell me what they want and I find a solution,” he said. Two years ago Mike was asked to take a look at an old PSF weight grader that was playing up. “It was around 15 years old and it had
come to the end of its useful life,” he said. ‘It was misbehaving and the whole control system had major faults.” What’s more the grader could only perform the basic functions of weighing the fruit and opening the correct gate and it was costing its owner time and money.

“It was either chuck it away and buy a new one or fix the old one up,” Mike said. But Mike saw potential in what the grader could do. So after considering the wish list of functions needed by the customer, Mike suggested a customised system. “The grader itself was fine it was just the computer system that was obsolete,” he said. The biggest consideration for both Mike and the customer was the initial production and development cost.

“It’s always extremely hard to predict how much it’s going to cost because until you’ve built it you don’t know how long it will take,” he said, “But experience is a guide. I thought if we can do this for one person we can probably do it for others and if the cost can be spread around it works out to be more economical for everyone.”

So with the backing of a willing customer who was prepared to share the initial costs, Mike set about building the WINGRADER system. “The first one is always the most expensive,” he said. But as guarantee to the customer, Mike gave a firm quote of $15,000 and backed it up with a clause in the contract that if the new system didn’t work to the satisfaction of the customer it would be restored to its previous state. “It was a bit of a gamble but sometimes you take the punt,” he said.

The next step for Mike was to find a partner. “I could build the hardware but I needed someone to write the software so the system could be run from a PC,” he said. He didn’t have to look far, local software company NETLOGICA agreed to join forces with Mike, and as they say, the rest is history.

Two seasons on, seven Tableland farmers are now running the modified WINGRADER system. One of them is Scott Dixon, a local avocado, passion fruit and mango farmer who two years ago was also having major problems with his GP weight grader. “It was nearly as old as I was,” he said. The grader was inaccurate and the packing process in Scott’s shed had become too slow. “You could only use experienced packers because you couldn’t trust the machine,” he said. Adding to Scott’s concern was that parts were no longer available to repair the grader’s computer system. “I got told that I’d be in trouble if it broke down,” he said.

From Scott’s point of view he had two options: either replace the computer system with the manufacturer’s latest model or give the locally built WINGRADER a go. The decision was easy for Scott. “The most important thing for me was back up service,” he said. “There’s no way I was going to pay airfares, accommodation and a hire car for someone to come up here from Melbourne to fix it,” he said. The purchase cost of the two systems wasn’t enough to sway Scott either way. “They were within 10 percent of each,” he said.

Now into his second season with WINGRADER and Scott couldn’t be happier. “There’s only been a couple of small glitches and Mike was here within half an hour to sort them out,” he said.

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3 WINGRADER is now called Burratronics Grader Conversion

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Story researched and written in 2005 by James Cook University journalism student Linda Souter
Chapter 11: Designing an interactive web platform to allow farmers to evaluate, review and choose software

NQITX researched, developed and costed the construction of a web-portal which was submitted to RIRDC as a 2005-06 Preliminary Funding Submission entitled “Can Farm Management Software Improve the Performance of Farm Businesses? Phase 2 of RIRDC project: HCC04-11”.

In the interim, NQITX supervised a team of IT student volunteers in the construction of some online database management tools: the preliminary web portal.

Once operational, the portal became the online interface to an invitation-only data management system hosted and managed by JCU at: www.nqitx.net/dpi/login.php. The Agrisoft Portal, in its current state, has the following features:

- provision of a simple administrator interface to the software and developer databases
- a closed and non-indexed website for use by registered members’ invitees
- allows registered developers access to their personal software library in order to add, delete and/or edit their software listings
- operates a developer contact verification tool designed to automate the process of locating an unknown software product’s project owner in order to request product descriptive data. This was called the ‘Data-Verification Tool’
- it forms a platform on which to build a future public access farm software portal and was designed with a view to being commercialized.

Over 1300 software titles were initially loaded onto the Agrisoft Portal, each with up to three possible contact email addresses (sourced from the literature). These were then entered into an automated process, where a series of four invitational emails was sent to each address, in a successive iteration, until either someone registered the software item on the portal; provided information on the product’s new/changed status; or, did not respond. In the latter two cases, the title was removed from the active software list and accorded a non-active status.

The status of 244 titles (Chapter 7, Code: UC) remained unconfirmed. Please note that those titles whose status is not confirmed will be tagged as obsolete in any future updates of this database, unless otherwise advised. To take ownership, or update the status of title, send an email to farm.software@dpi.qld.gov.au.

After 5 months of operation, the status of the original 1300 titles was confirmed, leaving a list of 675 registered software titles. The descriptive data collected (see Table 6) was very brief in order to make the process of portal registration a quick and simple exercise (see Appendix 1: Section 1, for a screenshot of the portal’s registration page). It was critical to limit the data collection to that which could fit in one browser window. With over 14% of developers authoring more than five software titles, the process had to appear quick and easy. For this phase of the study, that was the limit of data collection. An expanded product description form was researched and a draft designed for later use (see Appendix 1: Section 4) but more trials are required to make this feature operational.
Table 6 - Descriptive data captured in Phase One of the Portal’s operation

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<th>Basic product descriptive details</th>
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<tbody>
<tr>
<td>Product name</td>
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<tr>
<td>Short description</td>
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<td>Current status</td>
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<table>
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<tr>
<th>Developer and vendor details</th>
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<tbody>
<tr>
<td>Project Manager – Project Leader – Marketing Contact</td>
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<tr>
<td>Name</td>
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<td>Email</td>
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<td>Phone</td>
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The portal’s data verification stage concluded in November 2006, with a portal which is currently storing data and can be used in the future to source and verify new products, archive non-active titles and allow for software developers to be re-contacted to reconfirm and update their listings.
Chapter 12: Discussion

Sourcing and identifying farm management software systems

Software is dynamic: names change, versions update, projects go under, merge, are sold, change URLs, only exist on vendor sites, and never exist on the current developer’s site. All of these versions (current and out-dated) float about the Internet, causing a great deal of data verification confusion. Identifying current products, eliminating inactive products, sourcing its current name and then locating its actual product developer proved a challenge.

The database started with 1500 potential software titles, once duplicates were removed, the list contained over 1200 titles, once the data-verification tool completed its process 675 pieces of actively supported software titles remained, a three-fold increase from the last software audit conducted in Australia (Reynolds, 1999). Research into new titles, for this initial audit of software, ceased in mid-2006. All new products encountered after this date have been filed awaiting the next update or the database.

This is the first audit of the farm software industry conducted in over 9 years. Every effort was made to ensure that all relevant Australian software was included and that product details were correct at collection. Only after publication of the first edition will omissions and inaccuracies become apparent. This was a first pass over the data and it is expected that future updates will occur. For those whose products were: not included; need to have a status changed; or, would like to edit a listing prior to the next database update, the project team can be contacted at: farm.software@dpi.qld.gov.au.

This study is the only, up-to-date collection of agricultural software listed anywhere in the world. Nothing comparable was found on the Internet or as a result of a personal research visit to the USDA’s National Agricultural Library.

Describing and comparing key components of farm management software packages

This farm software audit, the first to be conducted in nine years, sourced over 650 active software products, an over three-fold increase since the last study (Reynolds 1999). Research into the development of a format in which to present comparative software descriptions discovered several things:

- Farm software developers do not provide marketing information that can be easily, consistently and manually transferred into a database of pre-established and formatted descriptive fields.
- Not only difficult to locate/contact, software developers are reluctant to provide even basic product descriptive data (especially to an untested marketing opportunity).
- The shelf-life of developer email addresses and web brochure URLs was almost too dynamic to maintain.
- The resulting dataset is too large to output in a table format in a print document.

Product data was collected by sending continual email invitations, reminders and requests for descriptive data. Because it is long, manually intensive and irritating to those who did the right thing, this process is not sustainable for future database updates.

Internet technology can deliver better solutions to the management and presentation of this type of database. Examples can be seen on Internet software provision sites such as Download, Tucows and to a certain extent on Amazon and iSelect (for a list of web addresses to these and other similar sites see Chapter 9). These websites present visitors with quantitative descriptive data combined with visitor-provided, or database interpreted, qualitative evaluation fields (see Chapter 8 to view screenshots of how these sites present their product comparisons). When dealing with a dataset that contains: (i) very large product lists, (ii) broad product scope and (iii) many comparative criteria, this seems to be the only
way to present users with the best combination of quantitative and qualitative detail from which to make an informed purchasing decision. Given the success of these interactive online databases, an online farm software database would provide:

- **developers**: automated data management system to handle data collection, maintenance and regular updates and an alternate platform for marketing and sales
- **farm software industry**: economies of scale in joint marketing and other opportunities for industry development and promotion
- **farmers**: able to easily query an interactive database in order to identify, evaluate and obtain the software that best suits their enterprise needs
- **Australia**: an agri-business industry able to source and adopt the latest technology and export software through online product sales.

Australia has a large and active farm software industry, producing over 650 products, with 250 product developers and more than 190 companies and agencies involved in its production. Products ranged in price from free (11% of total) to $36,750, with the average price being $1,436. Less than 32% of the software was produced by government/university organizations, leaving 68% produced by commercial organisations. It is a substantial industry with export potential, yet lacks the recognition and professionalism it deserves. It is an industry that would benefit from an industry association, one that:

- provides set standards on the registration of new titles as for ISBN/ISSN, copyright, trademark and/or some form of association registration which will allow products to confidently develop and give libraries a means of cataloguing
- provides set standards on naming, version numbering, licensing and the level of essential product descriptive information deemed essential for clients to make informed purchasing decisions
- provides information on product development especially with regards to the supply, packaging and marketing of a product
- maximises economies-of-scale opportunities in marketing, professional development, product development, sales and expansion into the export market
- develops collaborations: co-development of current software duplications, creates whole-of-enterprise solutions, obtain and refresh old/obsolete government products
- conducts research and development into user needs and a platform for accepting customer tenders regarding the customization, creation and/or integration of individual software solutions.

Software is but one component of an ever-expanding digital technology future for agriculture. The concept of an industry association should be broad enough to encompass all current and future digital technologies and innovations that can be used in the Australian agricultural sector. For example, the scope of the project meant that the following types of software were not comprehensively audited:

- interactive information databases (available online or on CD)
- supply chain systems
- software embedded in devices, machines and equipment (i.e. irrigators, water pumping systems, data loggers, weather stations, tractors, precision farming implements, weight graders, etc.)
- international software able to be used in Australia
- integrated system solutions, e.g. as per NLIS with a system requiring: tags, reader, uploading to online-interface, download to PC, record-keeping and interpretive software, etc.

These technologies were outside the project scope, those that were encountered were input into the database but there is still a need, and a real demand from producers, to be able to source and consider these enterprise solutions.

Not only is there no Digital Technology Industry Association, there appears to be no strategic body, organisation, or even business unit at either the state, national or international level that recognises the
role on-farm digital innovations will be making in the future of agriculture. Precision farming, satellite mapping, remote water management, animal tracking, supply chain management and legislative compliance are all software/hardware/internet composites that are increasingly becoming part of the farm toolbox. It would seem that ‘On-farm Digital Technologies’ should get a place at the table with other strategic, operational functions usually ascribed to the arena of a ‘farming system’.

Farmers need to be kept informed and up-to-date on all new and emerging digital technologies. Innovation will remain in the hands of the few early-adopters’ unless easy-to-source information on the role computers, digital technologies, software, the Internet and associated hi-tech innovations play in making Australia’s farmers more profitable, is more readily available.

In conclusion, prior to this research it would have been impossible for all but the most advanced Internet researcher to source, much less review, compare and make wise purchasing decisions regarding digital solutions for their farm enterprises. Product comparisons, in a grid-format, were not possible with the current state of the industry’s data but it was possible to present basic product descriptive data in a print publication format as a ‘guide’ or cross-indexed directory, *The 2007 Australian Farm Software Directory*.

**Profiling farmers using farm management software**

Running data collection through a door prize raffle was an effective way to collect brief survey information. Once a door-prize ‘kit’ was established (posters, prize, entry boxes and forms), it could be mailed out to government displays at major events, where staff were happy to supervise its operation in exchange for being able to offer an easy-to-run door prize. One future change (added on later entry forms) was a research participation opt-in/out checkbox. Due to the omission of this field, use of this contact information was always prefaced with a non-participation option.

Although this method of collecting data is skewed towards those who attend field days and enter a government primary industries display, what it provided was a potential ‘story lead’, a place to start when looking for someone to profile in a case study. It is one thing to have someone’s name and the software they use, quite another to develop a good story from it. Having a list of people who used software, combined with referrals from the software’s developer, provided the journalists with a range of people to talk to in order to source the one or two interviews from which a story could be crafted.

Many of the ‘feature stories’ have a developer focus as well as that of a user. The students found the dual approach gave them more material to work with, with the developer willing to provide more detailed product specifications and explanations than the users.

The use of keen ‘journalists-in-training’ from a regional university had several benefits:

- there was no cost for either their time or that of their lecturer’s editorial skill
- they had blank-slate knowledge from which to build a good general story
- they were trained to look for a hook to develop a story that moved beyond the realm of factual recitation and into the craft of building a readable story
- many students were from rural areas and this research trickled out to both their communities and their future (often rural) workplace.

A once-a-year effort to mentor student journalists can produce enough stories to publish a bi-annual rural magazine supplement. These user profiles, produced in a feature-story format, provide a very readable platform on which to lay themed software lists.descriptions (as shown in Chapter 10).

**Designing an interactive web platform to allow farmers to evaluate, review and choose software**

It was impossible to design a web platform until the exact design specifications were known. This relied on the completion of the software industry audit and was compounded by the pace of change and
innovation in the field of Internet Communication Technology (ICT). After preparing two fully costed RIRDC submissions (2003 and 2004), further web portal construction funding proposals ceased until the exact timing of development, the required design specifications and an appropriate technology were determined.

Even without the exact specifications and completed audit, an attempt was made to progress some of the portal’s development in an attempt to manage the increasing data load. This work was performed by mentored university IT students. They were able to design, develop, trial and make operational a database interface for developers and administration, as well as the data verification tool.

At the end of the web-portal research and operations, the following can be concluded:

- no online farm software portal exists anywhere, inside Australia or internationally, which (i) contains a comprehensive and current product library of agricultural software; (ii) allows users to seek out specific products or, (iii) allows for any sort of product comparison
- no online ‘Farm Software Selector Tool’ (interactive decision-tree) facility exists to assist farmers in matching business needs with software solutions
- farmers would also benefit from an ‘e-word-of-mouth’ referral system: an interactive online facility that allows user evaluation, ranking and product discussion (as shown in Appendix 1)
- a portal geared towards the agricultural sector should expand the product scope to include all forms of digital farm solutions. This would make it a one-stop shop for digital innovation in agriculture and create a product catalogue large enough to make it commercially viable
- if the scope were extended to include international products, it would ensure that Australian producers were able to source and evaluate the latest in global digital technologies as well as bring in export revenue for the on-site sales of Australian products to an international audience and the sales commissions generated by international product sales
- a site of this nature depends on both the good will and interest of farm software developers to both list their products and update their data.

Commercialisation of this service is possible with revenue able to be generated though: provision of site hosting and e-commerce facilities, commissions from site-generated sales, advertising and click through (product referral) revenue. Commercial success is evident by the multitude of these types of sites that exist for general software (for examples, see Chapter 8)

A site of this nature would best suit private commercialisation, either the establishment of a dedicated website or through becoming a component of an established venture. A commercialisation partner could be sourced to take ownership of the site with corresponding revenue allocated to research partners based on previously determined Intellectual Property ratios.

A pilot web portal has been produced. It has both administrative and developer back-ends. It contains several tools useful for maintaining and updating agricultural software data on a regular basis. It also has the potential to expand to include other farm-based digital technology products and solutions.

Australia now has the perfect platform from which to launch the world’s first interactive digital technology selector tool for primary producers.
**Producing a popular book on agricultural software**

Experience with this data suggests that software descriptive data is too dynamic to be published in a long shelf-life product. Both the email addresses (drop out rate of 25% over 2 months) and product specific sales’ URLs can, and do, change. Experience in publishing the *Rural-IT* magazine (Resing et al. 2003, 2004a, 2004b, 2005) a bi-annual publication produced by this research team, indicates that decommissioned hyperlinks give the product a useful shelf-life of about 3 months before the number of non-working e-references encountered by a reader exceeds the effort they are willing to expend in continuing to use it as an information resource. *Rural-IT* has a short shelf-life due to the predominant use of product-specific web addresses. The software directory would have a longer shelf-life although a year is the longest a majority of the data will remain constant.

Most developers hesitated to provide a fixed price, with 61% of those who provided price data choosing to input ‘POA’ or ‘TBA’ instead of an actual figure. Provision of a product-specific web address was another field often ignored, as these change with any reconfiguration of a developer’s website.

There was resistance among developers to supplying information to this project. Invitations to developers offered the opportunity to be part of “The 2007 Australian Farmer’s Guide to Software”, a new and free marketing outlet for their software. Even with this offer, the Directory is still an unknown marketing product, which has yet to prove that the marketing benefit exceeds the effort of participation. This could have been a factor in the 240 products for which no owner responded and the further 303 products where the developer registered with the research project but declined to provide expanded product descriptions.

The data in this directory is not static. The data’s electronic links and product descriptions are so dynamic that they would soon date any publication. The data would be well presented in a magazine format as the temporary nature of this format reinforces the message that the data is dynamic and will quickly date.

Rural Press was a partner to this research. They investigated and agreed to consider publishing Chapters 4-6 and the case studies section of this report (Chapter 10), in their rural weekly newspapers, nation-wide, as a free magazine supplement.

**Implications and Recommendations**

**The Farm Software Directory**

That this data be released as a short shelf-life publication, and that it be the first in an annually updated series. Regular updates will encourage software developer participation and data self-management, ensuring Australian farmers will continue to have access to a one-stop shop for the latest information on innovations in digital technology.

That government and industry investigate the possibility of funding the creation of an Australian owned web portal that offers Australian producers access to the latest in digital agricultural solutions and software developers access to a global export market.

**The Farm Software Database**

That this database be updated annually and continually expanded to:

1) provide more comprehensive product listings by broadening the range of descriptive data fields collected

2) broaden the scope to include the latest digital innovations in agriculturally relevant technology, e.g., interactive information databases; software embedded in devices, precision farming equipment, and international software able to be used in Australia; and, integrated farming system solutions
3) ensure that the data to clients is in the best format possible, i.e. operated from an online, interactive website as used in sites like Amazon, iSelect or Download.com (see Chapter 8).

The Farm Software Development Industry

That a Farm Software Industry Association or Agricultural Digital Technology Association be formed to both support and promote the adoption of their products within the primary industries sector.

That Australian software developers be assisted in marketing their products, from training in the use of keywords and meta-data, to listing, at least their trial, demo and free products with some of the dominant free software websites (see Chapter 9).

Beyond the Farm Software Industry

That government and industry bodies consider ‘Digital Technology’ a ‘farming system’.

That development of a Cooperative Research Centre for Smart Farming, or similar, be investigated to facilitate partnerships between the computer and agricultural industries. This would link researchers, government and industry with primary producers to accelerate adoption of digital technologies for increased and accelerated agricultural outputs for Australia.

That the possibility of developing a road-show or dedicated conference showcasing Agricultural digital innovations be investigated.

This is the first audit of the farm software industry conducted in over 9 years. Every effort was made to ensure that all relevant Australian software was included and that product details were correct at collection. Only after publication of the first edition will omissions and inaccuracies become apparent. This was a first pass over the data and it is expected that future updates will occur. For those whose products were: not included; need to have a status changed; or, would like to edit a listing prior to the next database update, the project team can be contacted at: farm.software@dpi.qld.gov.au.
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Appendix 1: Data collection forms

Throughout the study, data was collected using some combination of the following four types of forms.

Section 1: Software data collection

Two forms and two processes were used to collect descriptive product data. The first was an interactive online ‘Data Verification’ tool. The second was an A4 form, available in either an interactive, emailable PDF, a faxback Word document or as an Excel spreadsheet.

Part One: The Agrisoft web portal data-verification tool’s registration page
Part Two: Interactive PDF data collection form
Section 2: Farm use survey

A copy of the door prize raffle entry form used to collect data on farm software use and source potential case study interviewees.
**Section 3: Case study interview questions**

This is a list of interview questions that were used in interviews. Not all questions were asked in each interview, they just formed a prompt list for moving through an interview.

<table>
<thead>
<tr>
<th>Part 1: Farmer Interview Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Farm Software Use</strong></td>
</tr>
<tr>
<td>What software programs do you use for the farm/business?</td>
</tr>
<tr>
<td>What made you decide to use software?</td>
</tr>
<tr>
<td>What were your main requirements for software?</td>
</tr>
<tr>
<td>What is your favourite programme and why?</td>
</tr>
<tr>
<td><strong>Specific Software Details</strong></td>
</tr>
<tr>
<td><strong>Software</strong></td>
</tr>
<tr>
<td>What is the name of the software?</td>
</tr>
<tr>
<td><strong>Discovery</strong></td>
</tr>
<tr>
<td>How did you find the software?</td>
</tr>
<tr>
<td>Who made the decision to implement this solution?</td>
</tr>
<tr>
<td>When did you start using this software?</td>
</tr>
<tr>
<td>Does anyone else in the industry use it?</td>
</tr>
<tr>
<td><strong>Benefits</strong></td>
</tr>
<tr>
<td>What does it do for the farm?</td>
</tr>
<tr>
<td>What has improved since you started using software?</td>
</tr>
<tr>
<td>Has it helped IMPROVE QUALITY?</td>
</tr>
<tr>
<td>- observations of better quality, e.g. less wastage?</td>
</tr>
<tr>
<td>- increased output?</td>
</tr>
<tr>
<td>- new markets?</td>
</tr>
<tr>
<td>Has it helped SAVE TIME?</td>
</tr>
<tr>
<td>- reduced time spend on farm tasks?</td>
</tr>
<tr>
<td>- reduced time spent in the field?</td>
</tr>
<tr>
<td>- reduced time spent in the shed?</td>
</tr>
<tr>
<td>- reduced time spent in the cost?</td>
</tr>
<tr>
<td>- is the software effort worth it?</td>
</tr>
<tr>
<td>Has it helped REDUCE COSTS?</td>
</tr>
<tr>
<td>- have you seen a change in the bottom line?</td>
</tr>
<tr>
<td>- have any of your $$ figures reduced?</td>
</tr>
<tr>
<td>- been able to save on labour, materials, equipment?</td>
</tr>
<tr>
<td><strong>Operation</strong></td>
</tr>
<tr>
<td>How easy was it to set up?</td>
</tr>
<tr>
<td>How hard was it to learn to use?</td>
</tr>
<tr>
<td>How much data needed/needs to be input?</td>
</tr>
<tr>
<td>Did you receive training?</td>
</tr>
<tr>
<td>How is the technical support?</td>
</tr>
<tr>
<td><strong>General computer use</strong></td>
</tr>
<tr>
<td>Where is the computer located (office, home, laptop/portable)</td>
</tr>
<tr>
<td>How long have you owned a computer?</td>
</tr>
<tr>
<td>Are there different users for different purposes?, e.g.</td>
</tr>
<tr>
<td>- data input/record-keeping?</td>
</tr>
<tr>
<td>- report generating, e.g. compliance (tax, NLIS, QA)</td>
</tr>
<tr>
<td>- monitoring, keeping on top of things?</td>
</tr>
<tr>
<td>- interpreting results, planning, forecasting</td>
</tr>
<tr>
<td>Who taught you to use a computer?</td>
</tr>
</tbody>
</table>
# Part 2: Developer Interview Questions

## General Company Details
- What software have you developed?
- What has been the most popular software?
- What year was that?
- What are the contact details for:
  - the company
  - sales enquiries

## Specific Software Details

| The Software | Name of the software  
|--------------|----------------------|
| Development  | Who are the target users for this product?  
|              | What was the driver for the software development?  
|              |   - came out of a research/agency project  
|              |   - customer/industry requested solution  
|              |   - commercial/company meeting perceived demand  
|              | What did they want it to do?  
|              | Why did they want software to do it?  
|              | Who paid/pays for the development?  
|              | Where is the data from e.g., built-in database, user supplied, etc.?  

## Client Benefit
- What does the software do for a client?  
- Does the software make things on the farm:
  - easier / simpler  
  - quicker  
  - cheaper  
  - improve quality  
- What about data:
  - how is it obtained, i.e., transfer, manual input, upload?  
  - how long does it take to input data?  
- What type of output does it produce. e.g., reports, maps, etc.?  

## Specifications
- What are the minimum computer requirements for its operation?  
- What kind of software is it (stand-alone software Internet-based, etc.)?  
- Where is it purchased from?  
- How is it purchased, e.g., licensing (free, subscription, licence)?  
- How much does it cost?  
- How are the updates/upgrades managed and costed?  
- What support is available:
  - e.g., technical, training, documentation, etc.?  
  - what is the cost of support?  

## Reviews
- Can you supply us with any user reviews?  
  - testimonials  
  - people to interview (with client permission pre-approved)  
- Has the product received any industry awards, reviews rankings?
Section 4:
Agrisoft long
description form
(in prep – never
used)