



**Rural R&D for Profit program
Final Report**

Improved use of seasonal forecasting to increase
farmer profitability



APPENDIX 15

Tools and services presented to the Seasonal Climate Forecasting Community of Practice.

- November 2017 – SILO redevelopment for the future, Stephen Jeffrey (QLD DSITI)
- November 2017 – A tour of the new ‘Long Paddock’, Grant Stone (QLD DSITI)
- August 2017 – A tour of ‘Ask Bill’ the Sheep CRC management tool, Lewis Kahn and Lucinda Hogan (UNE)
- August 2017 – Feedback on the BoM’s new intra month seasonal outlook
- August 2017 – Climate dog-o-meter envisioned, Danielle Park (BCG)
- May 2017 – The interesting information gleaned from Rainman, Dale Grey (Agriculture Victoria)
- April 2017 – Decision support tools for livestock production, Jaci Brown (CSIRO)
- April 2017 – GrassGrow and its use in the livestock industry, Matt Lieschke (LLS NSW DPI)
- November 2016 – Results from recent survey of ‘The Break’ readership, Graeme Anderson (Agriculture Victoria)
- October 2016 – Migrating SILO data to the cloud, Neil Cliffe (DAFF QLD)
- September 2016 – BoM online learning module review, Andrew Watkins (BoM)
- July 2016 – Yield Prophet Lite, Tim McClelland (Model Agronomics)
- July 2016 – NSW online manual and workshops for farmers, Agata Imielska (BoM)

Tools audited and evaluated to be updated on the Climate Kelpie website

- AFLOMAN
- Agriculture Victoria soil probe network
- APSFarm
- APSIM
- ASKBill
- AusFarm
- AussieGrass
- Barley diagnostic tool
- Biodiversity condition toolkit for grazed lands
- BoM app
- BoM ‘understanding the IOD’
- Break crop decision making tree
- Canola diagnostic tool
- Cattle heat load toolbox
- CliMate
- Climate analogues explorer
- ClimateARM
- CropARM
- CropPro
- Dairy Australia cool cows heat stress alert
- DairyMod
- Day Degree Report
- DPIRD weather stations app
- European Centre for Medium – Range Weather Forecasts (ECMWF)
- Extreme weather events tool WA
- Farm4Prophet
- Flower Power

- Flowering Calculator
- Flyboss
- Forage
- Frontal Systems
- GRASP
- GrassGro
- GrazFeed
- HowOften?
- HowWet?
- Irrigation Optimiser
- Last Effective Flower Tool
- Liceboss
- Long Paddock
- Making sense of seasonal outlook NSW DPI
- MetAccess
- MetEd Learning Tool
- My Crop
- NASA Global Climate Change portal
- Nitrogen Fertiliser calculator
- NitrogenARM
- Pastures from Space
- ProductionWise online tools
- Rain Forecaster
- Rainfall to Pasture Growth Outlook tool
- Rainman Streamflow
- SA business and risk management for farmers
- Scheduling Irrigation Dairy
- Seasonal Climate Analysis
- Seasonal Crop Shire Yield Forecast
- SGS Pasture Model
- Shelter Investment tool
- SILO
- Soil Moisture Probes
- SprayWise decisions
- Stem water potential calculator app
- Stocktake Plus
- SYN (Select Your Nitrogen)
- The Climate Change Risk Management Matrix Workshop and eWorkbook
- The Long Paddock
- VegMachine
- WA potential yield tool
- WA rainfall to date
- WA soil water tool
- Water observations from Space (WOFS)
- Weatherzone and Weatherzone Plus+ apps
- Wheat diagnostic tool
- Wheat yield constraints calculator
- WhopperCropper
- Wormboss
- Yield and N calculators
- Yield Prophet® Lite
- Yield Proper

