



# Project Akuna

## Pivots

| PLAN*     | ACTUAL~   | ONLINE^   |
|-----------|-----------|-----------|
| <b>24</b> | <b>27</b> | <b>22</b> |

\*Planned less rain delays

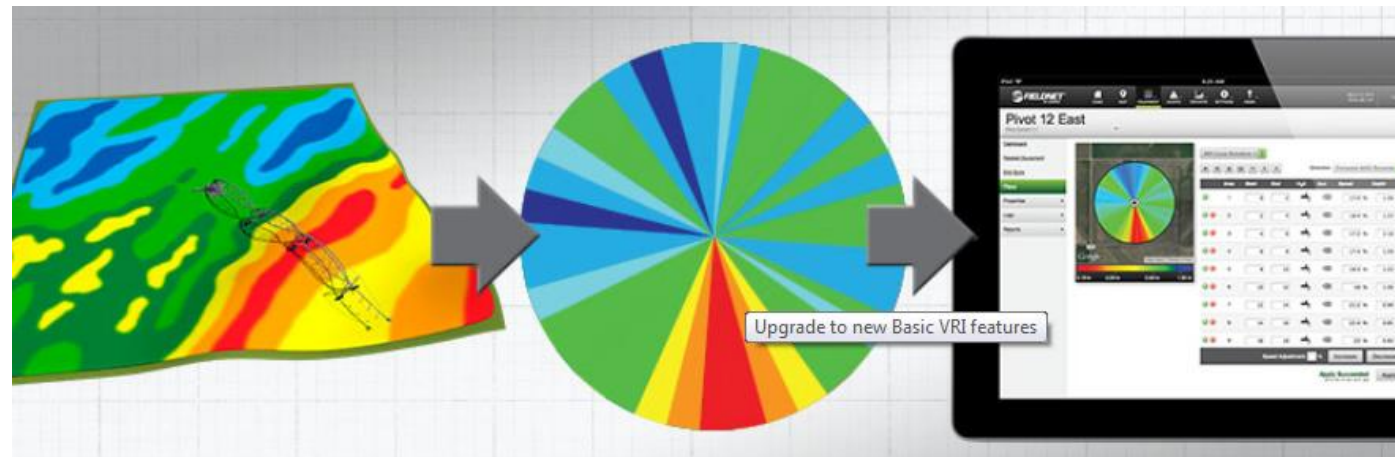
~ Machines that are standing in the paddock fully built

^ Pivots that are ready to irrigate

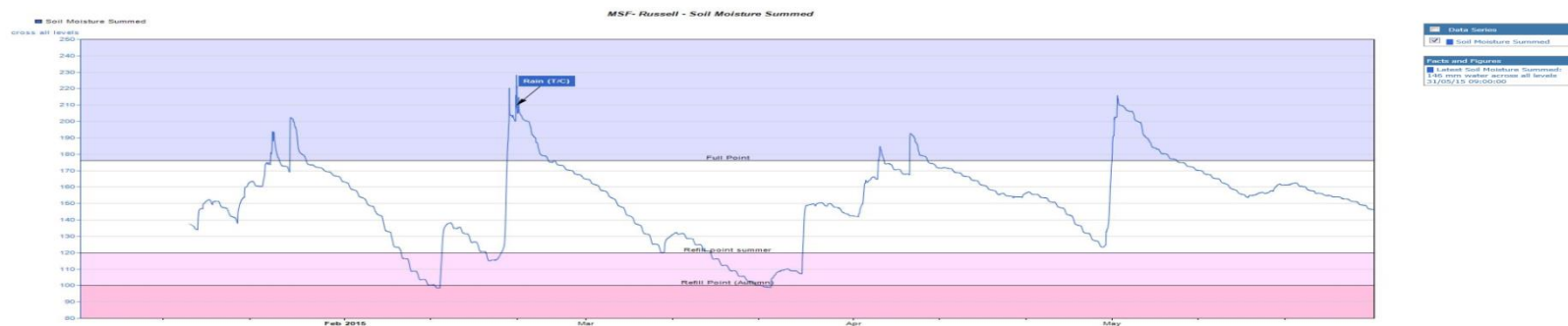


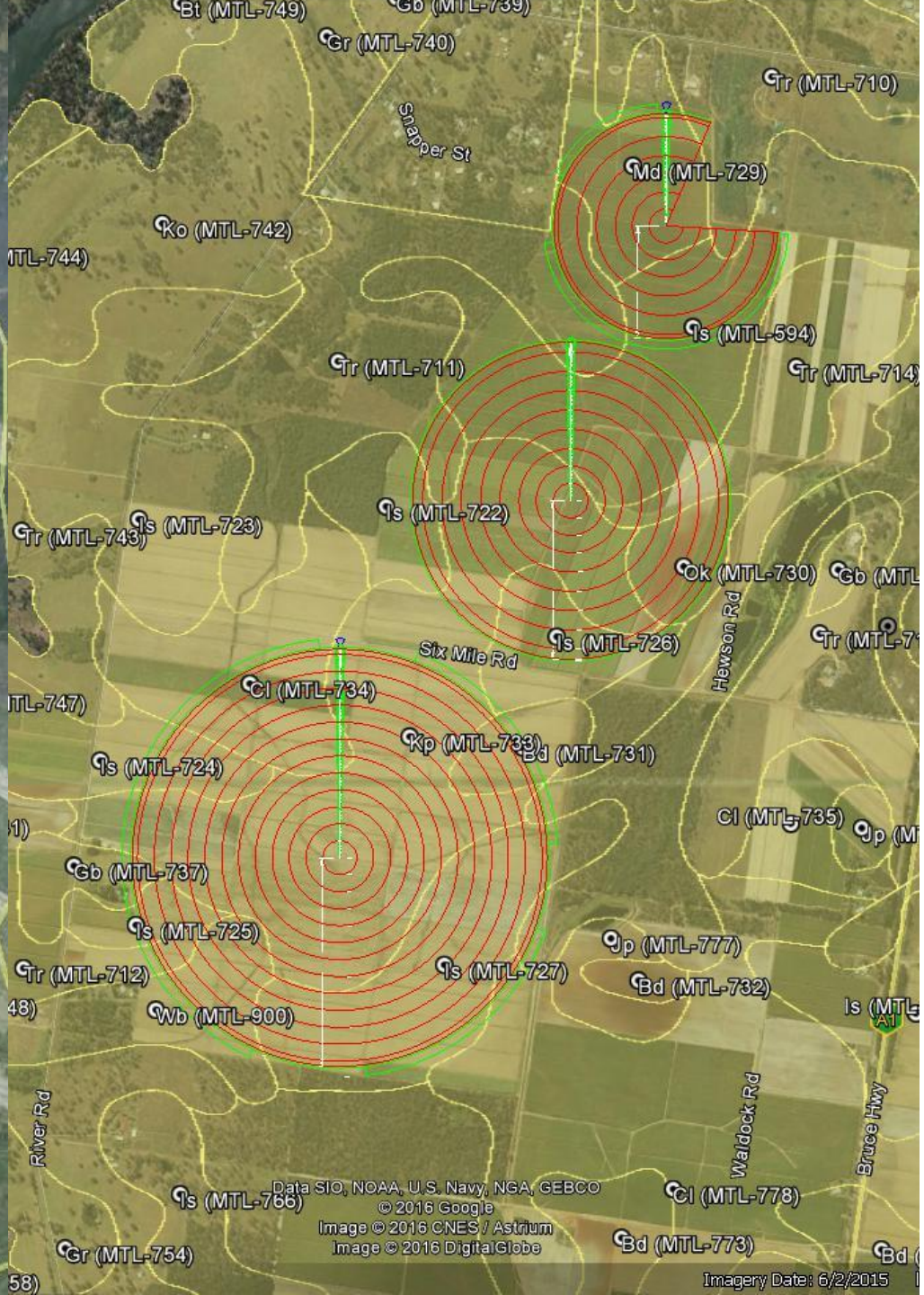
- Project Start – 30 September 2014
- Project End – 30 September 2017
- Energy Productivity On-Farm – input v's yield
- Project Akuna Aims - systematic upgrade to farm irrigation systems to increase yield and reliability of cane supply
- Objectives – install, learn, transfer & optimize
- Progress – install, learn & transfer
- Initial findings – efficiency, capability, future proofing, monitoring, triggers for capital expenditure

Lindsay FieldNet – remote control, planning/scheduling, monitoring & record keeping in real time & near real time



Outpost Central / Observ.it / IrrigWeb – in field measuring, planning & scheduling, monitoring & record keeping in near real time.







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## Efficiency experiment and survey

Step 1 – observe pivot irrigator in operation

Step 2 – answer following question

In your opinion the word “efficiency” when used in relation to irrigation means:

- The use of the most efficient equipment to irrigate as much as possible to achieve maximum yield.
- The efficient use of equipment to irrigate as much as possible to achieve maximum yield.
- The efficient use of water to meet the plant demand and soil type to achieve maximum yield.
- The efficient use of rain to minimize the use of equipment & water to achieve maximum yield.
- None of the above.