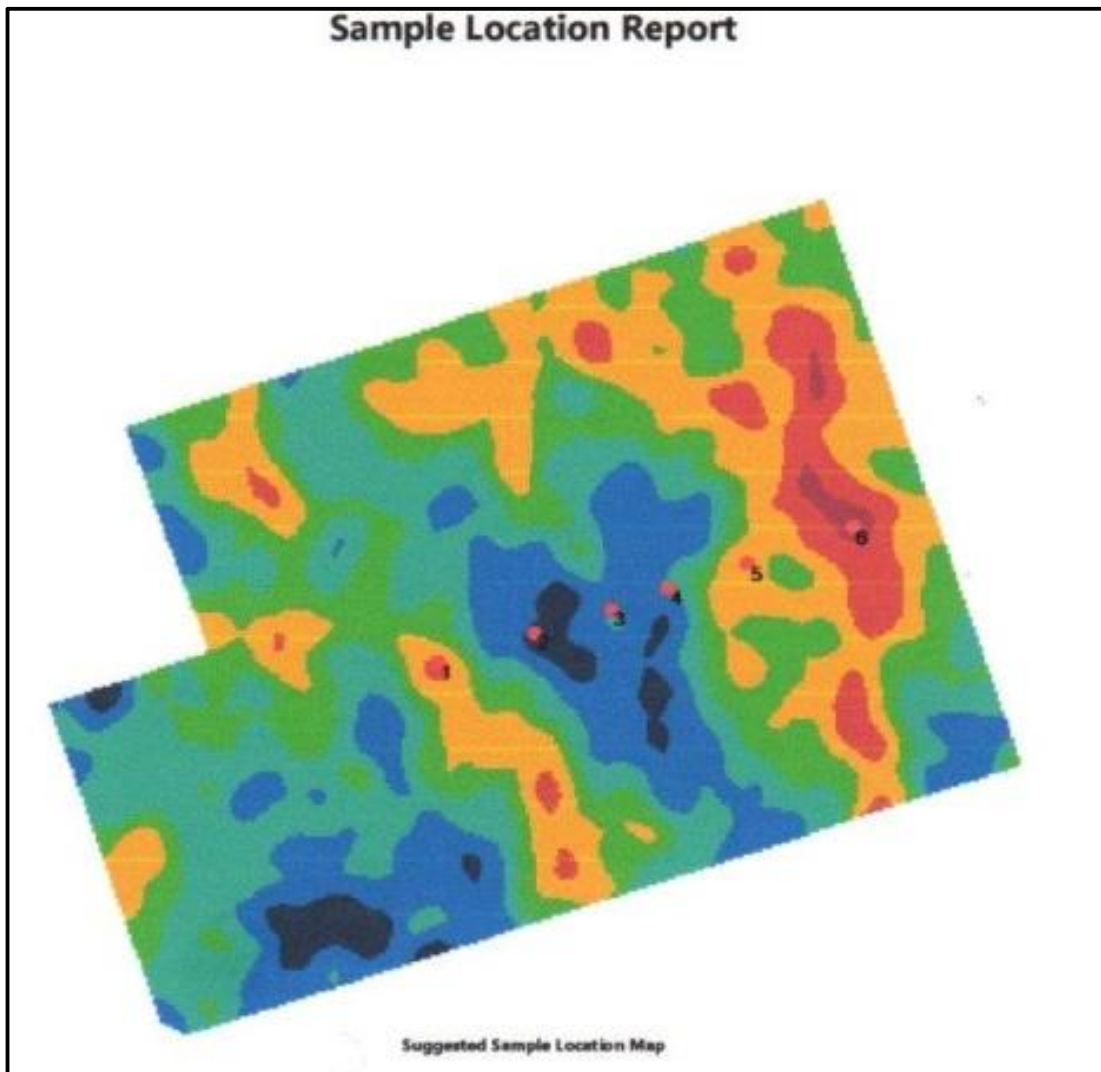
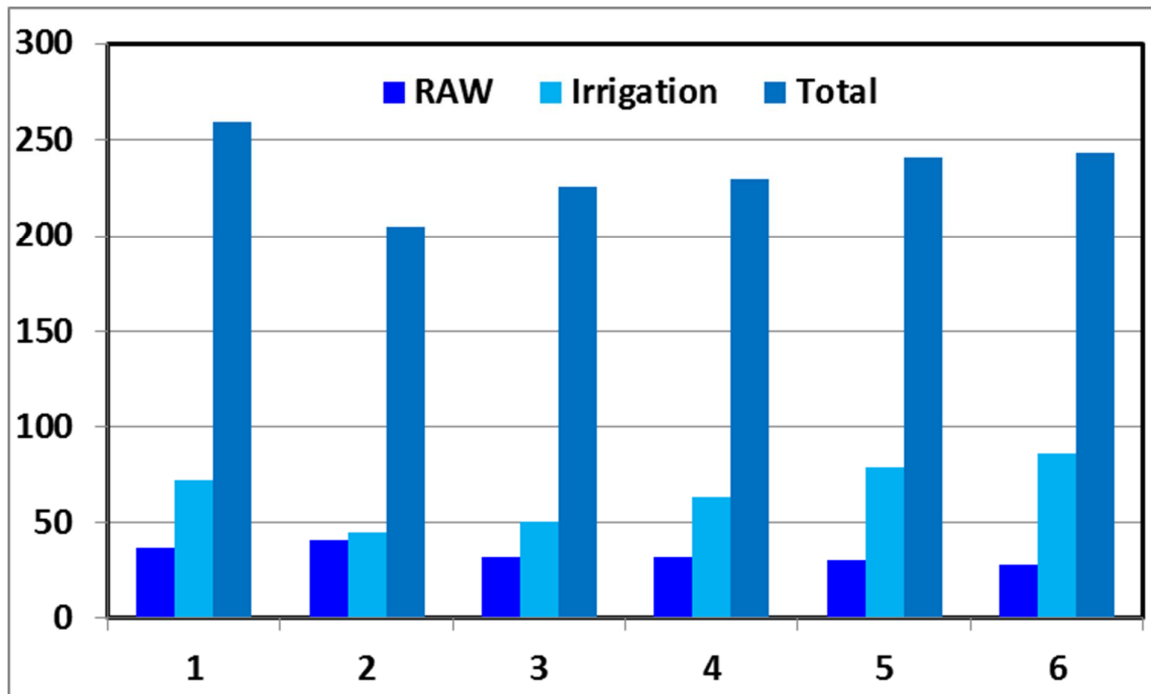


Variable Rate Irrigation in Action

1. Six sites monitored with different soil water holding capacity

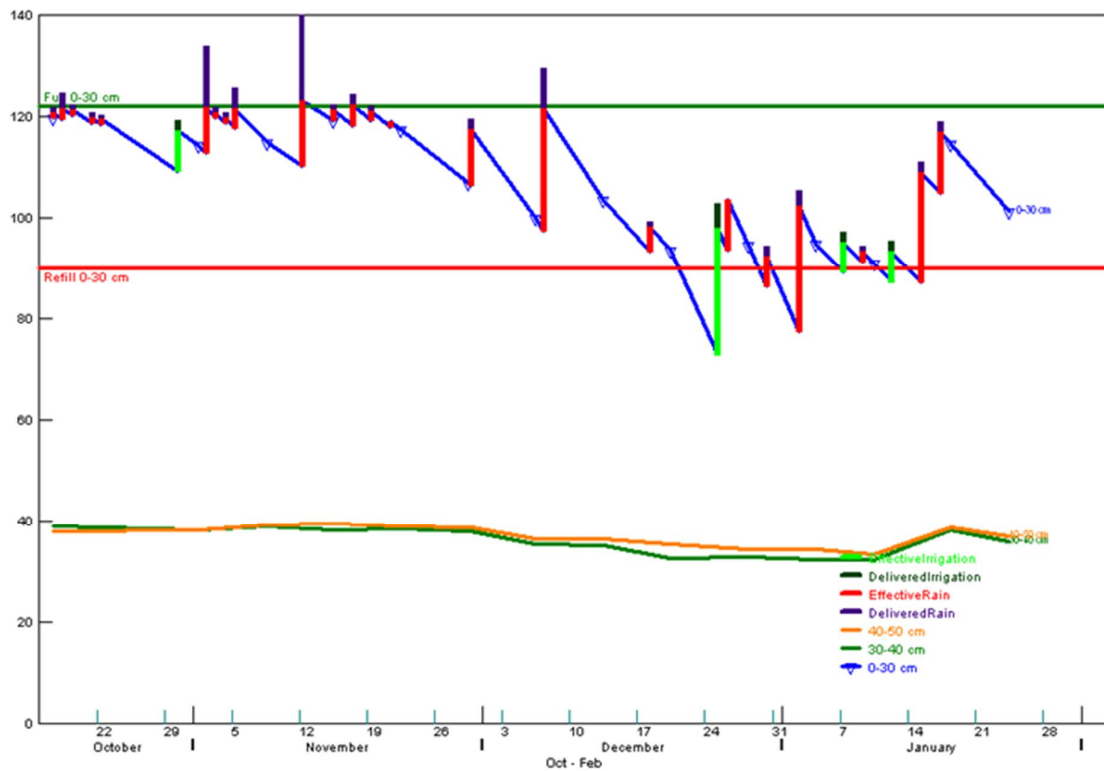


2. Soil moisture monitored weekly and individual irrigation advice provided for each site.
3. Variable rate irrigation programmed to apply specified depth.
4. Total application depths varied from 56mm on deepest soil (site 2) to 108mm on lightest soil (site 6) – near enough half the irrigation.
5. When rainfall added into schedule, total water applied is very similar – 205mm-243mm.



Note a little hiccup with a couple of irrigations at site 1 (should have applied less), else graph shows similar total water input, double the irrigation at site 6.

This can also be seen in the time series of soil moisture:
Firstly Site 2 with just 4 irrigations and relatively small (10mm)



And secondly site 6, the lightest soil with 4 irrigations but always 15-20mm

