



Arthur D Riley & Co Ltd

WATERMETRICS

Using Electroconductivity Readings Enviro Pro soil probe

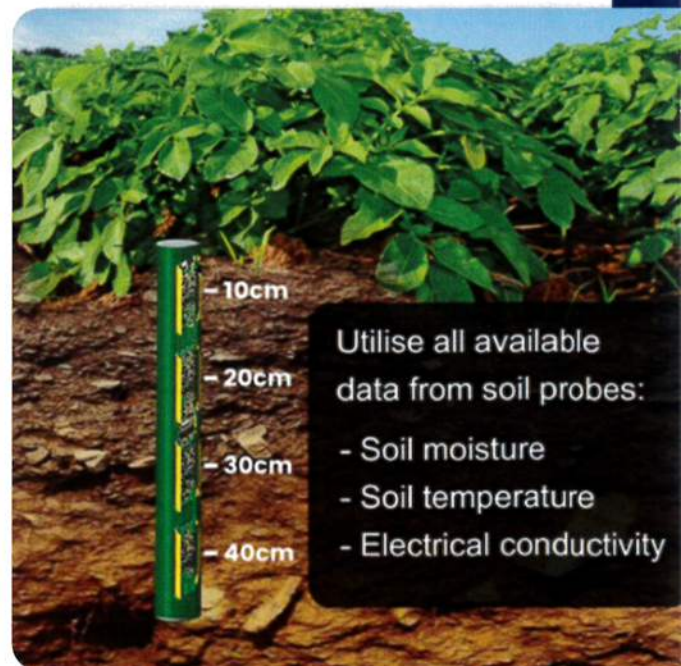


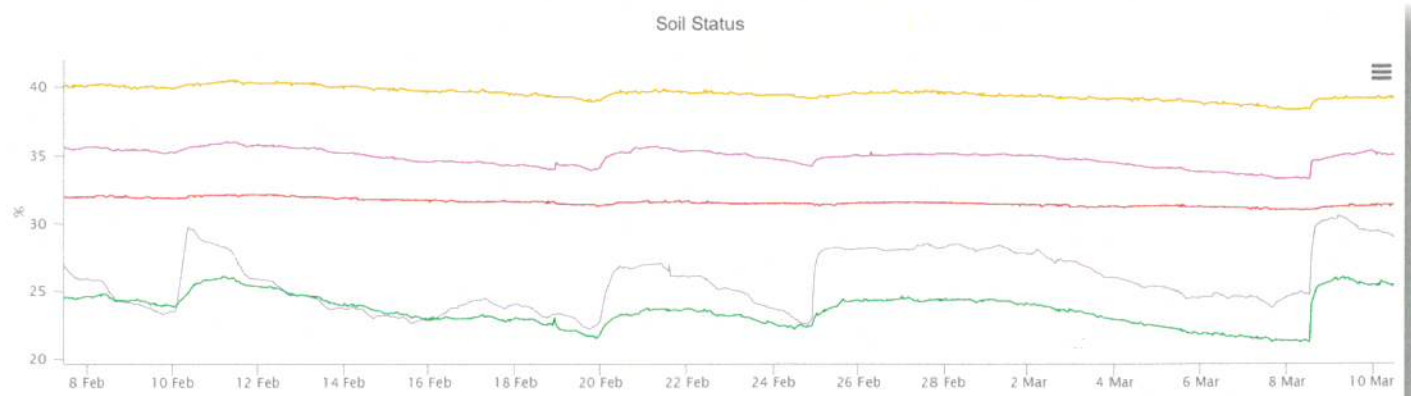
Enviro Pro soil probe

Watermetrics uses the **Enviro Pro soil probe** which accurately measures temperature, moisture and Electroconductivity.

Our presentation shows the **trends in EC**. These trends are a **vital management** tool in the management and application of fertilizer, manure and Irrigation.

It is very important in managing effluent applications to soil.





- Soil Electroconductivity (EC) is a metric of salt content in the soil.
- EC effects crop yield and quality, nutrient availability, and microbe activity.
- Salt Ions effect both mineral and water uptake by plants.
- Salt Ions can come from fertilizer solutions and water source.
- High EC can cause reverse osmosis meaning the soil can be moist but the plant cant use the water. There is increased probability of fungal diseases such as root rot.
- Low EC can mean insufficient nutrient is available.
- Each crop has an acceptable EC range.
- EC in soil is affected by fertilizer, manures and irrigation.
- Managing EC correctly is conducive to the healthy growth of crops and achieves increased yields and income.

TALK TO US FOR SOLUTIONS

Our experienced team of water experts are here to discuss how you can measure, monitor and manage your clean water projects.

Talk to us.



Contact

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