

Portable Soil Lab



What if..., Your crop could tell you what it needed?

Wouldn't it make your job easier, if your plants root system was able to relay to you real-time soil-moisture and pH conditions and even key nutrients requirements?

By telling you if the plant's root-zone is wet, dry and at the ideal pH level, the roots can enable you to optimize your irrigation scheduling and application of nutrients!

This isn't the case, of course, but with our easy to use and reliable soil moisture sensing technology ..., you can come close!

In these dry times and with widespread water restrictions, avoiding unnecessary irrigation not only saves our valuable water resource.

This also helps to reduce our impact on the environment, as over-irrigating risks washing costly nutrients down through the soil, and out of the root-zone.



Poor irrigation techniques will encourage the plant to develop a shallow root pattern, limiting its resilience in times of heat or drought.

Soil sensors can mimic what roots are experiencing under crop cover in the soil profile, they can assist you to decide whether to irrigate or fertigate, or even if its best to hold off watering.



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Solutions Guide

Introducing the Ferti-Ject Soil Lab.

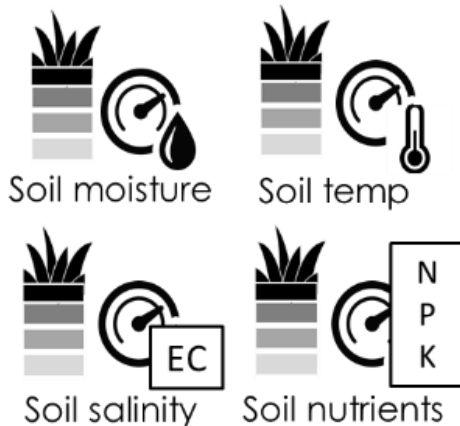
The Ferti-Ject Portable Soil Lab is a handy tool to help farmers and turfcare professionals to get an reliable indication of the measured parameters.

The Soil Lab provides reliable indications of the readable parameters relative to the inbuilt index, and should be used as an indicator of the conditions only.



Data Logging and Export

The data collected can be sorted in the onboard data logger, and can be easily exported to an external device via the USB adaptor.



Readable Parameters

The portable soil lab comes with a range of sensors and can be configured to your application. The soil probe can easily be changed out if additional or less sensors inputs are required.

Standard Configurations

	+		SOIL PH DETECTOR
	+		SOIL N, P, K DETECTOR
	+		SOIL CONDUCTIVITY DETECTOR
	+		SOIL TEMPERATURE AND HUMIDITY DETECTOR



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