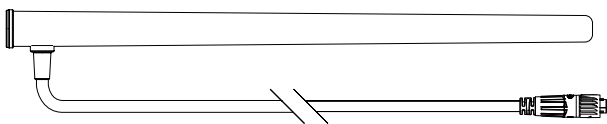


Sentek Soil Moisture Probe

Quick Start Guide

INCYT

Product Overview



Sentek Soil Moisture Probe with Chogori connector
Probe length may vary

Start Here

- 1 Open the INCYT App and register the sensor. When instructed, scan the QR code on the box.
- 2 Add the appropriate Application within the INCYT App, and link the sensor.



Preparation

- 3 Unpack the contents.
- 4 This soil moisture probe requires a Blue Node to function, available for purchase from incyt.com.au. Follow the instructions provided with the Blue Node to complete setup and activation.
- 5 Purchasing the **Sentek Drill & Drop Installation Kit and auger** to assist with field installation is recommended. This is available for purchase from Sentek.
- 6 **25mm conduit** is recommended to protect the cable from heavy traffic and agriculture equipment in the field.



For detailed information and FAQs to assist with preparation and installation, refer to the support link on the rear of this Quick Start Guide

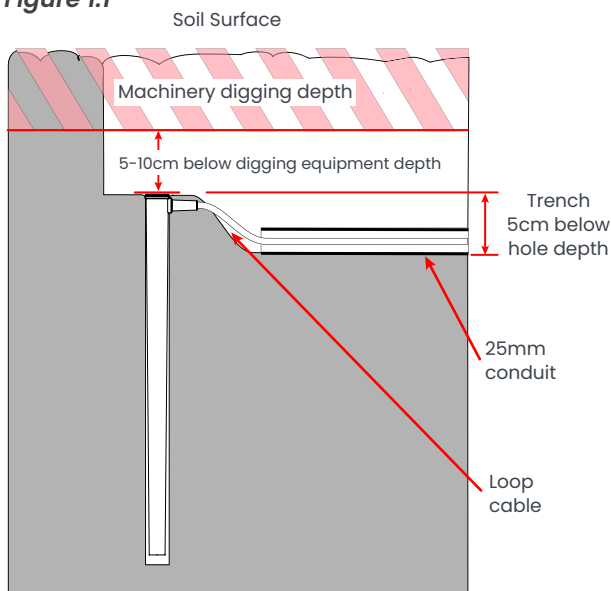
Field Installation

The choice of location is critical to provide accurate and actionable data. Variables such as soil geology/topology/type, method of irrigation, crop type/vicinity, and soil compaction can impact the performance of the soil moisture probe and accuracy of the data. If you are unsure of the best location, contact your local agronomist.

- 7 Once the installation site is selected, install the Blue Node according to its Quick Start Guide.

- 8 Dig a hole in the intended probe installation location that is **5-10cm below machinery digging depth**. The distance from the hole to the Blue Node should not exceed the length of the soil moisture probe cable.
- 9 Dig a trench running from the hole to the Blue Node that is **5cm deeper** than the hole depth. See **figure 1.1** below.
- 10 Follow the instructions included with the **Sentek Drill and Drop kit** to create a hole for the Soil Moisture Probe in the intended installation location.
- 11 Carefully insert the soil moisture probe into the hole and apply slight pressure until the top is level with the soil.
- 12 Loop the cable in the trench to provide strain relief, and sheath the remaining cable with PVC tube for protection, as pictured in the diagram below.
- 13 Plug the connector on the probe into the Blue Node according to the Blue Node quick start guide, and ensure data is correctly reporting before backfilling the trench.

Figure 1.1



Protect exposed cables from animals by purchasing sheathing from a hardware store

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For help visit INCYT
incyt.com.au