

CORTEX 1

DEEP SOIL SENSOR

The **Cortex 1 precision soil sensor** from CropX reaches **depths of up to 4 feet (48")** to provide full root zone coverage for your crops. Get accurate measurements of **soil moisture (VWC), temperature, and salinity (EC)** across the entire soil profile for actionable irrigation and nutrition insights!

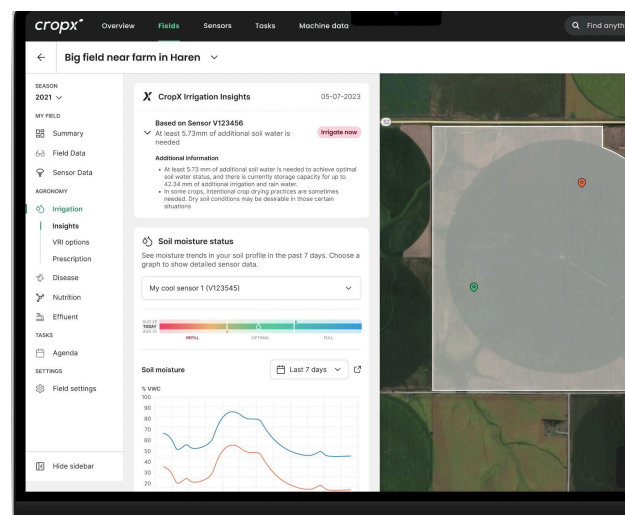
The **smooth tapered design** minimizes soil disruption and makes it **effortless to install** using just a drill & auger and a gentle push. Special features allow **quick extraction** under the toughest soil conditions.

Cortex is available in lengths from 1' to 4' with **measurements every 4"**.



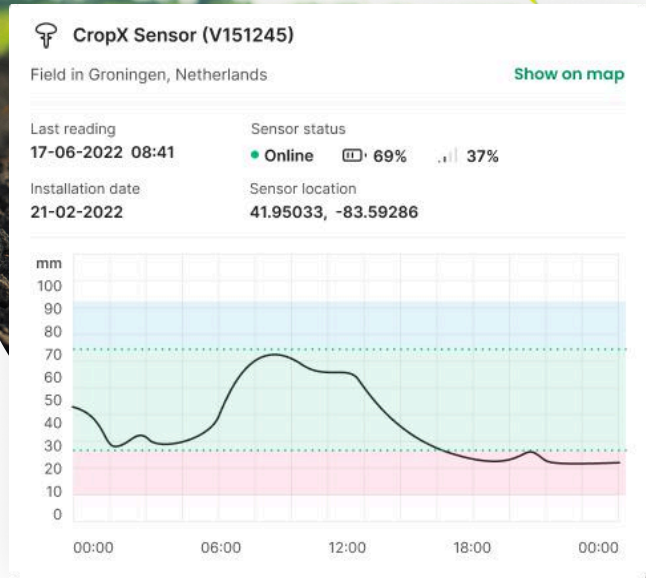
Key Features

- **Depth variants:** 1ft (12"), 2ft (24"), 3ft (36"), 4ft (48")
- **Measurements:** soil moisture (VWC), salinity (EC), and temperature every 4" across the entire profile
- **Connectivity:** requires CropX Telemetry device (with built-in cellular connection) and an available SDI-12 port
- **Power:** No separate battery needed. Draws from CropX Telemetry's replaceable, rechargeable Li-Ion battery.
- **Diameter:** Top 1.18", 1.13" at 12", 1.08" at 24", 1.03" at 36", 0.98" at 48"
- **Fully integrated into CropX platform** for auto moisture set points, irrigation, nutrition and disease insights



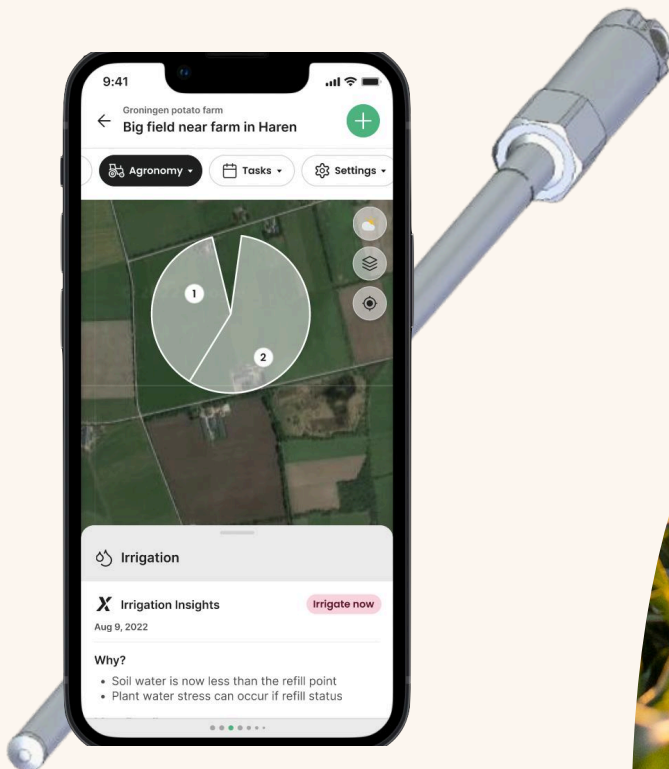
Why Choose Cortex 1?

With the Cortex 1 sensor by CropX, you gain access to **the most easy-to-use, trusted and complete digital agronomy platform in the world**. Our user-friendly app gives you real-time data and actionable insights into your field capacity, soil moisture status, and water use for **precision irrigation planning**. You'll also have access to proprietary agronomic models for **crop growth tracking, nitrogen leaching detection, disease prediction, satellite imagery** and maps, seamless **machine data** import, and powerful tools to create **VRA/VRI prescriptions**.



Irrigate Smarter. Act Faster. Farm Better.

With the Cortex 1, you gain the power to make data-driven decisions, react swiftly to changing conditions, and boost crop yields through precision irrigation. Take control and farm with confidence.



Learn more about CropX solutions today!

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