

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".

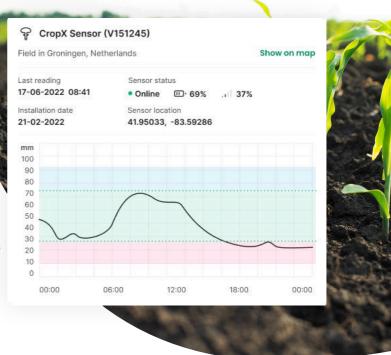
Key Features

- **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-lon 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.

