

# APEX 1

## PRECISION SOIL SENSOR

The **Apex 1** is a **precision soil sensor** that provides accurate measurements of **soil moisture (VWC)**, **temperature**, **salinity (EC)**, and **EC-based leaching detection** every 4" across the soil profile. It connects to CropX telemetry devices and the CropX software platform to provide actionable insights for irrigation, nutrition management and more.

The Apex 1 comes in **depth options of 1 foot, 2 feet, and 3 feet** to accommodate a wide range of crop rooting depths.

The **smooth tapered cylinder design** minimizes soil disruption and allows for slurry-free, minimal-disturbance installation and extraction across a wide range of soil types.

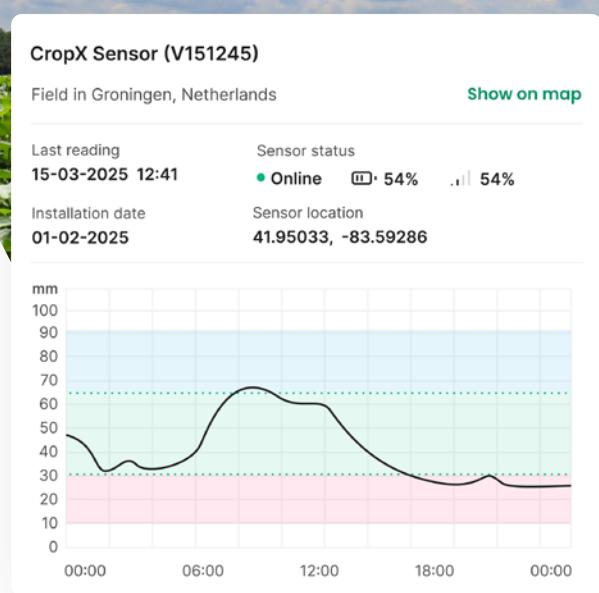
### Technical Specs

- Depth variants:** 1ft (12"), 2ft (24"), 3ft (36")
- 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", 1.12" at 12", 1.06" at 24", 1.00" at 36"
- Fully integrated into CropX platform** for auto moisture set points, irrigation, nutrition and disease insights



## Why Choose Apex 1?

With the Apex 1 sensor, 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 Apex 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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