

APEX 1

PRECISION SOIL SENSOR

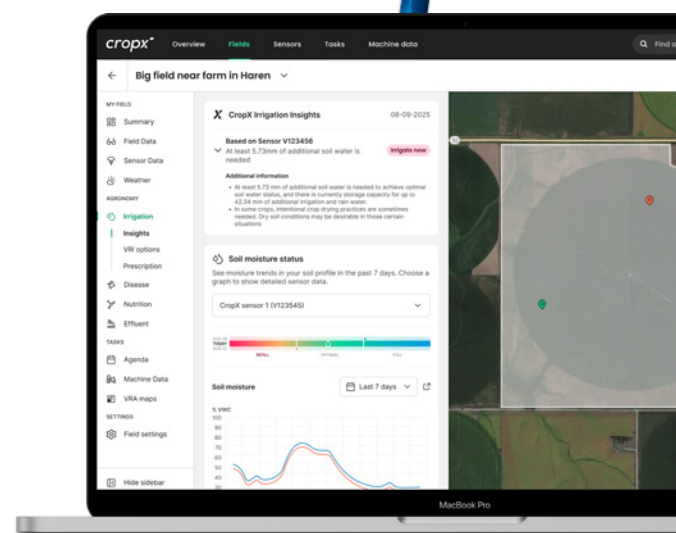
The **Apex 1** is a **precision soil sensor** that provides accurate measurements of **soil moisture (VWC)**, **temperature**, **salinity (EC)**, and **EC-based leaching detection** every 10 cm across the soil profile. It connects to CropX telemetry devices and the CropX software platform to provide actionable insights for irrigation, nutrition management and more.

The Apex 1 comes in **depth options of 30 cm, 60 cm, and 90 cm** 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.

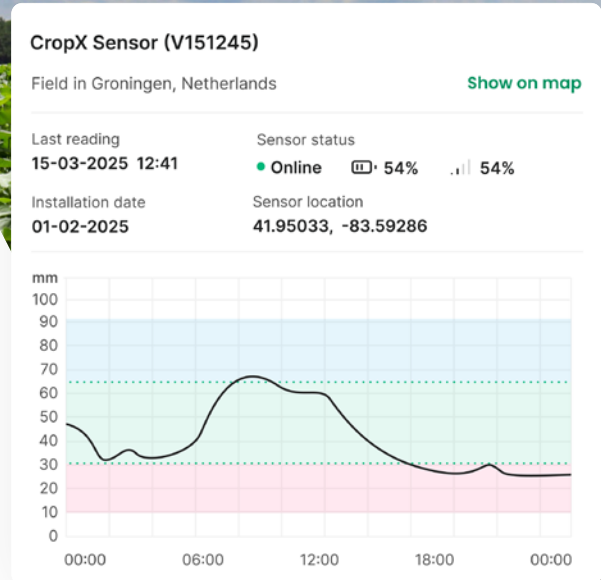
Technical Specs

- **Depth variants:** 30 cm, 60 cm, 90 cm
- **Measurements:** Soil moisture (VWC), salinity (EC), and temperature every 10 centimeters 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 30 mm, 28.5 mm at 30 cm, 27 mm at 60 cm, 25.5 mm at 90 cm
- **Fully integrated into CropX platform** for auto moisture set points, irrigation, nutrition and disease insights



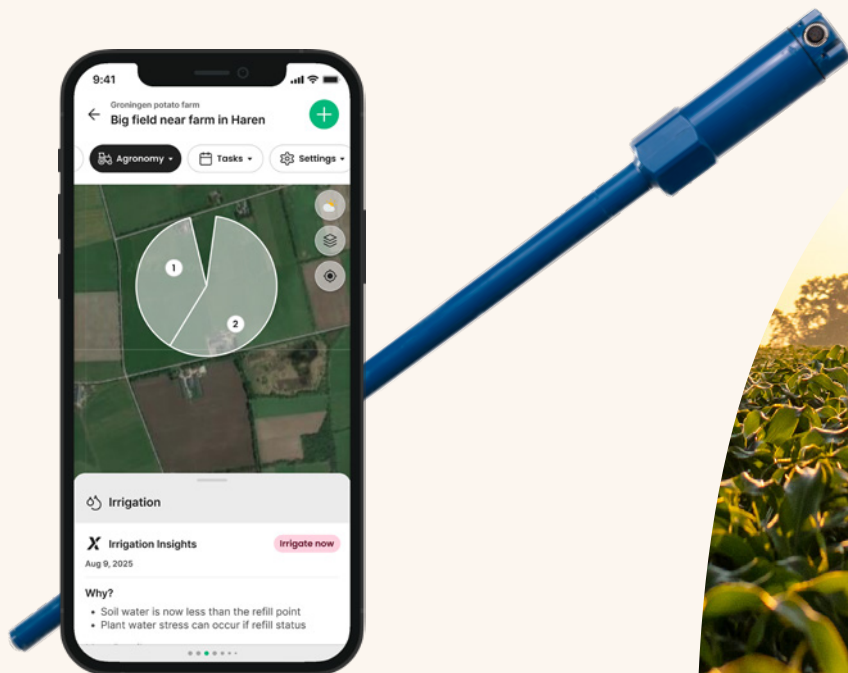
Why Choose Apex 1?

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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