

# sensoTrax

## RTU

# Measure to optimize

**sensoTrax Agrotecna's RTU**, measures in real time the critical variables of the soil (moisture, EC, and temperature) and of the irrigation water (EC, pH, and pressure). Its technology enables precise decision-making and irrigation automation based on soil moisture, optimizing efficiency and management control.



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### Technical Specifications

The **sensoTrax RTU** system measures in real time and records every 15 minutes key soil parameters (moisture, EC, and temperature), as well as irrigation water parameters at field valves (EC, pH, and pressure). This information enables more precise management, optimizing the use of water and fertilizers.

Through the **Agrotecna** server, the system can operate the **inlineFC16** controller, triggering irrigation according to soil moisture.

#### Two possible configurations:

**S:** 2 soil probes for moisture, EC, and temperature + 2 pressure sensors at valve.

**SW:** 1 soil probe for moisture, EC, and temperature + 1 water probe for EC and temperature + 1 water pH probe at irrigation valve.

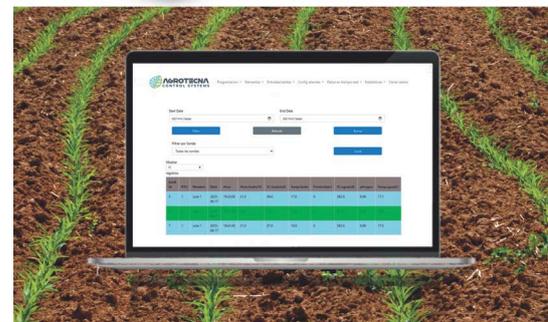
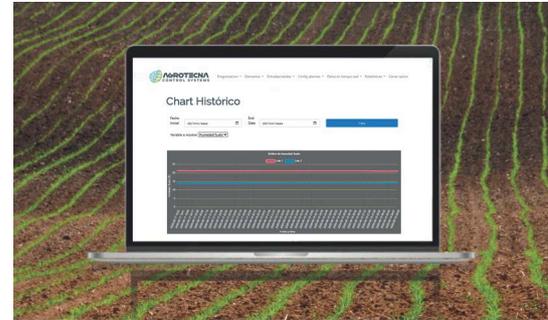
**System independent from irrigation automation:** It uses a concentrator in the irrigation shed, which is linked via radio with the **sensoTrax RTUs**.

**Adaptability:** Flexible to different sensor combinations according to system requirements.

**Data visualization:** Real-time field map with access to records and historical charts.

**Alarms:** Instant email or WhatsApp alerts in case of critical events.

**Data export:** Download information in spreadsheet format for simple and flexible analysis.



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CONTROL SYSTEMS