

iQ1

SmartTower for production agriculture

Irrigation decisions follow
the root zone — not the calendar.

Standalone. Long-range. Autonomous.



Shown with in-ground sensor array.
Tower stands at the block; array buries to the marked line.



PRODUCTION AGRICULTURE

Open acreage • olive groves • date-palm stands

- 01 Multi-depth soil profile**
One in-ground sensor array reads moisture, temperature and salinity at depth.
- 02 Long-range LTE Cat-1**
Elevation extension mast engineered for large farmland and rural topography.
- 03 Integrated AI weather**
Site-specific ET, rainfall and forecasts alongside soil readings.
- 04 Built for production agriculture**
Open acreage, olive groves and date-palm stands.
- 05 Autonomous with GAIN**
Block-level dashboard and alerting.
Satellite NTN fallback in development.

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READINGS / DAY

Measured root-zone conditions

Moisture (VWC) / Temperature / Salinity at depth
One reading every 10 minutes.



Turn readings into timely action.

Deep Learning AI • predictive stress alerts • field tasks
Team communications native to the GAIN mobile app.

