

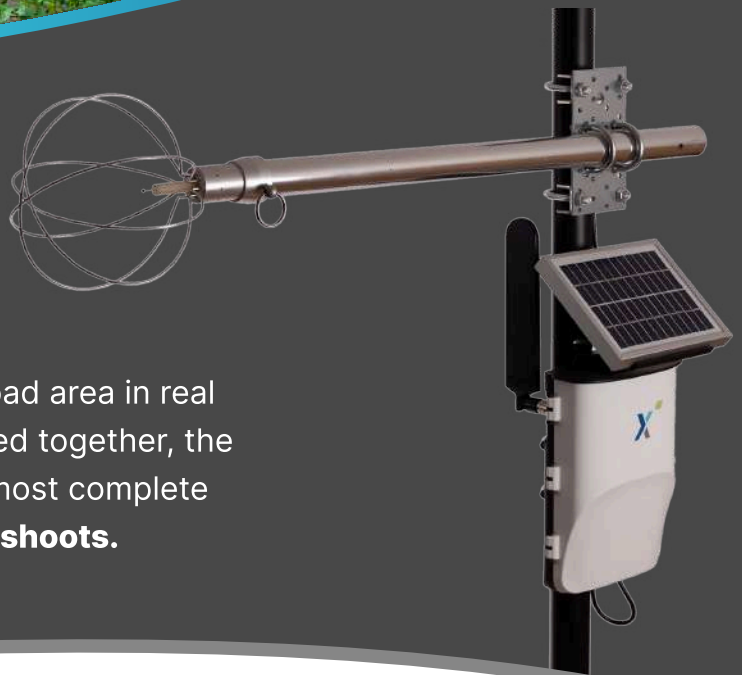


EVATO

USE ON-FARM DATA FOR ON-FARM DECISIONS

With CropX Actual ET, growers now have access to a **first-of-its-kind technology** that uses direct measurements to determine the Actual Evapotranspiration (ETa) of a crop.

Track field-specific crop water use over a broad area in real time! When ET sensors and soil sensors are used together, the CropX Irrigation Planning capability offers the most complete picture of field water movement, **from roots to shoots**.



Why measure Evapotranspiration with CropX?

Early Detection of Crop Stress

Stomata respond instantly to stress evapotranspiration drops before soil moisture changes. ET graphs offer clear insights for timely irrigation decisions.

Reliable Irrigation Forecasting

Real-time ET data replaces idealized crop coefficients. Automatically adjusts for crop stage, weather, and stress conditions.

Complete Water Balance

ET sensors measure water output, complementing rainfall and irrigation data for a full moisture picture.

Enriches Existing Data

Adds depth to soil moisture sensors, weather data, and yield maps.

Field-Wide Accuracy

Measures across a larger area not just a single soil point for better field representation.

Independent of Soil Type

Unlike soil sensors, ET sensors aren't affected by rocks, clods, or soil variability. They measure above the crop canopy.

Reference ET vs. Actual ET - What's the Difference?

Reference ET (ET_o) is a theoretical estimate based on ideal conditions. **Actual ET (ET_a)** is what's really happening in your field measured directly by the CropX Evato sensor.

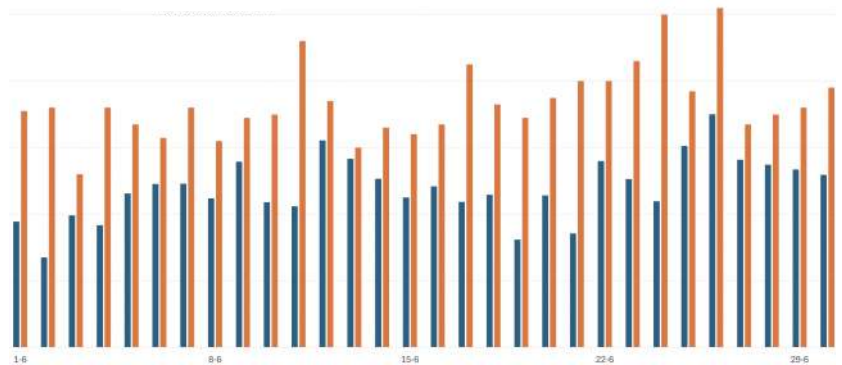
The graphs below show the difference. Blue bars represent Actual ET. The orange line shows Reference ET. The gap is clear.

Why It Matters

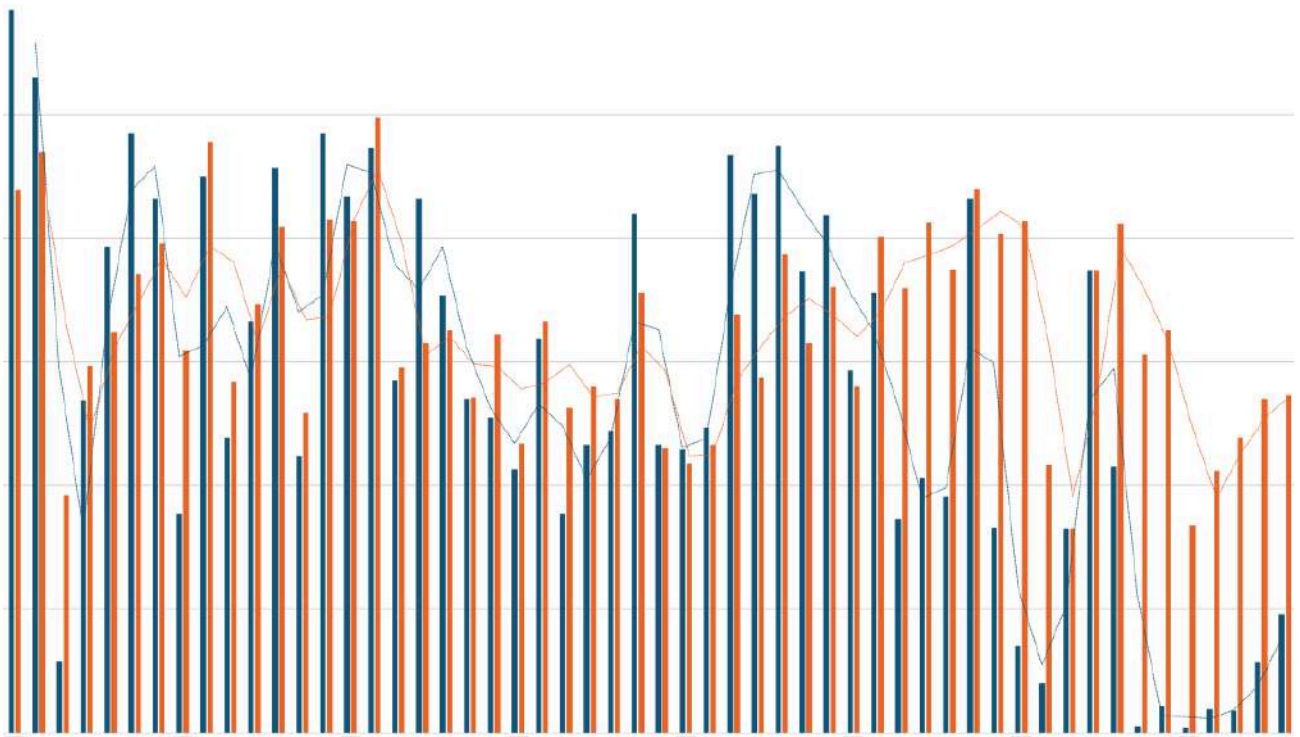
Reference ET can mislead.

Actual ET gives you the truth so you irrigate the right amount and monitor crop stress in real time. **Smart irrigation starts with real data.**

Graph 1: Grapes



Graph 2: Potatoes



Learn more about CropX solutions today!

www.cropx.com | support@cropx.com | +31 88 3226600

