

MeteoRain® IoT Pro

Robust class-A rain gauge with minimal maintenance



On-site data saves money with low maintenance and Class-A accuracy

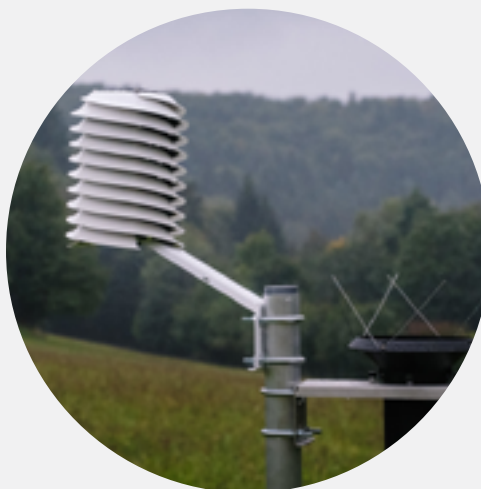
Frost, droughts, severe rain, and wind are very localized. Parametric weather insurance demands accurate on-site weather data. Due to changing micro-climates, it is not enough to purchase data from remote weather stations for irrigation, frost, wind information and weather insurance. **MeteoRain®** wireless rain gauges offer not only class-A performance but also minimal maintenance. They also meet World Meteorological Organization (WMO) measurement standards.



Crop damage from heavy rain and wind.

MeteoHelix® IoT Pro

The standard of reliability for agro-weather stations



Field proven toughness

The wireless and connector-less **MeteoHelix® IoT Pro** is robust, delivering enhanced reliability in extreme weather. It withstands the dings and bangs of farm use. Its patented helical design, unlike any other weather station, creates strong internal natural ventilation, ensuring WMO-consistent measurement accuracy year after year, even during severe rain, wind, and frost.

Evapotranspiration done right

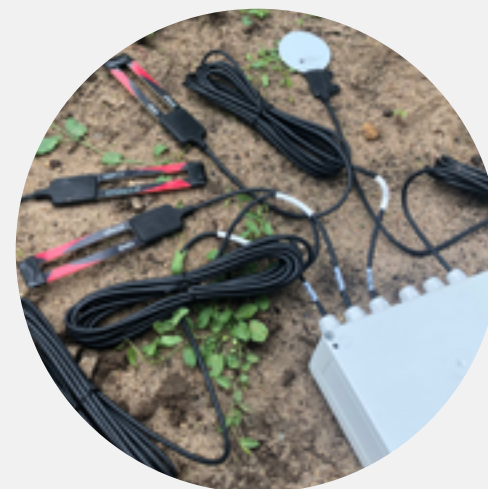
Ensuring sustained measurement quality of evapotranspiration requires maintaining long-term sensor measurement quality. BARANI sensors are known worldwide for their measurement quality in the professional meteorological industry and are installed in over 50 countries and every climate, including Africa and Antarctica.

Benefit from experience

To leverage past experience, agronomists and decision-makers require near real-time, accurate and reliable data from sensors with long-term stability and low maintenance.

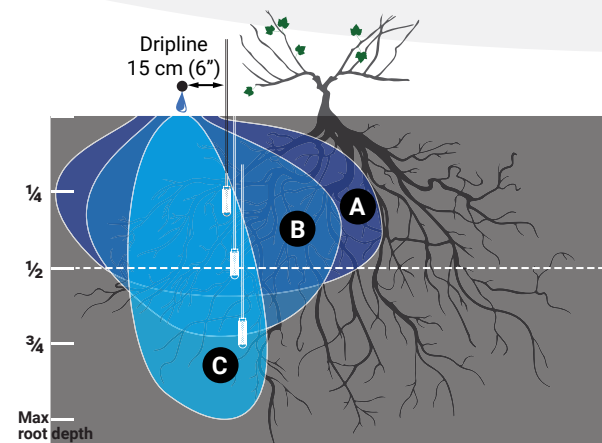
MeteoAG™ sensor node

Accurate soil data from a simple, robust sensor node



Compatibility and simplicity

Using proven soil sensors allows solar-powered and simple-to-install **MeteoAG™** sensor nodes to supply data for irrigation alarms and warnings. With 7x sensor inputs, soil moisture, water tension, temperature, and leaf wetness can be wirelessly transmitted to provide accurate, actionable intelligence for decision-making.



Soil moisture distribution from a drip line, based on soil type.

Measure where it counts

There is no replacement for getting one's hands dirty. Your weather station is no exception. Critical rain, soil, and temperature data is only valuable if measured onsite in the orchard, field, or greenhouse. MeteoHelix can be installed or reinstalled anywhere within 5 minutes.



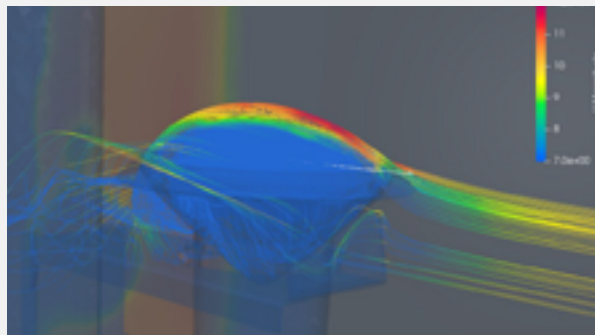
Precise active frost protection

In agriculture, when it comes to frost warnings, the **MeteoHelix® IoT Pro** delivers unbeatable measurement accuracy to WMO standards and years of proven reliable data delivery even under thick ice formed by water sprinkler frost protection systems.



Catch even the smallest raindrops

To reliably catch the heaviest rainfall and also the smallest wind-blown raindrops requires something unique. The patented aerodynamic rain-catching bucket of the **MeteoRain® 200 Pro** rain gauge delivers on both fronts. Most importantly, along with accuracy, it offers low maintenance, wind vibration resistance, hail resistance, and proven robustness.



IMPROVE YOUR MEASUREMENT STABILITY
WITH BARANI WEATHER STATIONS.



SCAN AND SEE OUR WEBSITE

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FIRMLY PLANTED

AGRO-METEOROLOGICAL
MULTI-HAZARD ALERTING
SYSTEM

MICRO-WEATHER STATIONS
WITH PROVEN LONGEVITY
AND ACCURATE DATA IN
AGRICULTURE, HYDROLOGY
AND METEOROLOGY

FROM +56.7 °C DEATH VALLEY USA TO
-41.4 °C IN CANADA AND ANTARCTICA.
FROM INDONESIAN RAIN FORESTS TO
THE DESERTS OF THE MIDDLE EAST,
AFRICA, AND SOUTH AMERICA.

