PRIKTAI · WEATHER STATION · YOUR OWN FIELD DATA

Know the weather of your own field, every minute

How much rain fell on your plot, how many sunshine hours today, how strong the wind is. No more guessing from a province-wide forecast.



19 values every

1 minute

📱 Phone dashboard, no app
24 h charts · daily CSV

What it measures

🌡️ **Air temperature and humidity**
Heat build-up and disease risk in humid spells

🌧️ **Rainfall**
Daily, monthly, yearly totals and rain intensity (mm/h)

🍃 **Wind speed and direction**
Plan spraying, spot strong wind before a storm

☀️ **Solar radiation (W/m²) and sunshine hours**
Real radiation sensor, daily sunshine hours

🧭 **Air pressure**
Watch for changing weather

🔋 **Station power**
Voltage, current and battery %, know before it runs out

Crop values computed on the station

💧 **VPD: how dry the air is (kPa)**
From temperature and humidity: how hard plants transpire

🌱 **PAR: usable light (estimated)**
Estimated from solar radiation, ±10–15%

📈 **GDD: heat accumulation (°C·day)**
Today and running total, base 10 °C, adjustable per crop

📶 Internet down, data kept

The gateway stores readings and sends them later with the original time once the internet is back

🌧️ Rain totals stay right

A daytime restart does not lose or double-count that day's rain

☀️ No power cable

Solar panel + 12.8 V LiFePO4 battery · watchdog against hangs

Industrial-grade sensor · gateway and data platform by Priktai
Pairs with HR-Soil probes: rain and soil moisture on one screen
Crop values prepared for the QFS fertigation system · needs internet

Designed for your farm
Contact us for a quote

☎ 083-567-0029 ✉ contact@priktai.com 🌐 www.priktai.com/en/weather.html