

AgroMET (MKIII-SP1-LR)

Professional Agricultural Weather Station

The AgroMET is a wireless, solar-powered weather station made with the grower in mind, providing the best accuracy of any consumer weather station on the market. This compact, rugged and elegantly designed unit comes fully assembled providing quick and easy installation.

Known for our accurate and reliable sensor assembly, the AgroMET has several groundbreaking features:

- 1) Transmission range of up to one mile (when positioned with an unobstructed line-of-site view to the receiver) that surpasses the current long range distance of 1000 feet;
- 2) Rapid data refresh rate of every 2 seconds makes receiving your data virtually real-time;
- 3) No local computer is needed to process, transmit or store your data; the IP-100 network interface (purchased separately) links your weather station directly to our cloud-based website for multiple viewing options including Internet, iPhone and iPad. The IP-100 also allows for direct integration with Network for Environment and Weather Awareness (**NEWA**) website where available.*
- 4) The AgroMET includes our tipping bucket rain gauge - the tipping bucket design was originally developed by RainWise in 1974 and has become the industry standard for rain gauges!
- 5) Our unique aervane design: others use 3-cup anemometers that are susceptible to collecting water that can cause freezing and breaking, leading to repeated down time and ongoing expensive replacements. Our trademark rotary blade design eliminates this concern. In addition our design utilizes an internal, contact-free magnetic system that provides constant horizontal wind tracking, leaving no mechanical parts to wear out over time and require replacement. Finally, our aervane is crafted in such a way as to minimize crevices in the body that would be susceptible to ice build-up causing downtime and breakage.

The AgroMET's lightweight and compact design makes installation quick and easy. Various mounting options are available including the RainWise Mono Mount. The AgroMET is supplied with a detachable mast section that can be secured to an existing structure.

Features

- Temperature Sensor
 - Humidity Sensor
 - Wind Speed sensor
 - Wind Direction Sensor
 - Barometer
 - Adjustable Solar Panel
 - Rain Gauge
 - Solar Radiation
 - Leaf Wetness sensor
 - Optional Ground Temperature Sensor
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- 1 mile line-of-site transmission
 - 2-Year Warranty
 - Easy to install
 - Solid Construction
 - 100% Made in the USA



AgroMET (MKIII-SP1-LR)**Accessing your Data**

The **AgroMET** send directly to the **IP-100 Network Interface** (sold separately) allowing for multiple display options including our **RainwiseNet™** cloud-based data host and web portal page and our **iPhone & iPad** apps.

*If you live in select areas of the Northeastern US your data can be directly uploaded to the Network for Environment and Weather Awareness (**NEWA**) website for use with their Integrated Crop Management forecasting service. (See <http://newa.cornell.edu/> for more information)

