

## Field-IQ

### ISOBUS WEATHER STATION

The Trimble® Field-IQ™ ISOBUS weather station informs you of instantaneous changes in the weather and is available via the easy-to-use ISO Universal Terminal (UT) interface. Wind speed and direction are measured using four ultrasonic transducers. No moving parts results in better durability and reliability.

The internal GPS engine and three-axis solid-state compass make it possible to provide both apparent and true wind speed and direction without the need to add additional sensors. The internal temperature and barometric pressure sensors help predict changing weather patterns.

The Weather Station also displays the Delta T value, which is one of the standard indicators for determining acceptable spray conditions. It is calculated by subtracting the wet bulb temperature from the dry bulb temperature. Delta T indicates the droplet lifetime in relation to the evaporation rate.

### REAL TIME

Monitor weather values in real time on the Trimble GFX-750™ display system and TMX-2050™ display to see how the liquid chemicals you spray will be affected.

### RECORD KEEPING

Weather information can be logged by a compatible ISO terminal so you can pull at a later date for review and documentation.

Detect different weather data and display it on an ISOBUS terminal. The ISOBUS-Task Controller (TC) application will save the measured weather data.

### AT A GLANCE READ-OUT

View values such as speed and direction of true wind, speed and direction of apparent wind, gust speed, temperature, relative air humidity and air pressure, dew-point, drift, Fire Index readout and alarm on the weather station's configurable Run Screen.

### Advantages

- ▶ Workson allISOBUSdisplays- Weather conditions are documented via ISOBUS Task-Controller
- ▶ Provides field-specific weather information in the cab
- ▶ Supports on-the-go application decisions
- ▶ Configurable alarms for certain conditions



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