

# EnviroMonitor<sup>®</sup>

## Crop Management



GroWeather  
6820C

EnviroMonitor  
Gateway

EnviroMonitor  
Node



Temperature &  
Humidity



Wind Speed  
& Direction



Rainfall



UV



Solar Radiation



Barometric  
Pressure

### CALCULATIONS INCLUDE:



Dew Point



Wind Chill &  
Heat Index



ET

10,000 ft.

Node to Node &  
Node to Gateway

32

Up to  
32 Nodes

**Davis &  
Third-Party**

Compatible  
Sensors



Multi-Depth  
Soil Moisture



Soil  
Temperature



Soil  
Salinity



In-Canopy  
Temperature &  
Humidity



Pressure  
Transducer



Flow  
Monitoring

EnviroMonitor is an award-winning sensor platform that helps growers measure, monitor, and manage your crop at every stage of the growth cycle.

### DAVIS WEATHER STATION

Connect a Davis Sensor Suite to the Gateway to get all the benefits of complete weather monitoring. These rugged, low-maintenance Sensor Suites are available with Solar and/or UV Sensors and a variety of radiation shield options.

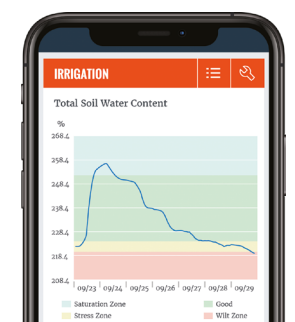
### ENVIROMONITOR GATEWAY

The EnviroMonitor Gateway collects all essential data from the Nodes and pushes it securely to the WeatherLink Cloud using either cellular connectivity, WiFi, or Ethernet. The data can then be accessed on your smart devices and computers. The solar-powered unit includes a rechargeable 6-volt backup battery encased in a weather-resistant housing.

### ENVIROMONITOR NODE

Nodes communicate wirelessly over a self-optimizing mesh network and transmit critical sensor data to the EnviroMonitor Gateway. Connect up to 4 Davis or third-party sensors to each solar-powered, weather resistant Node.

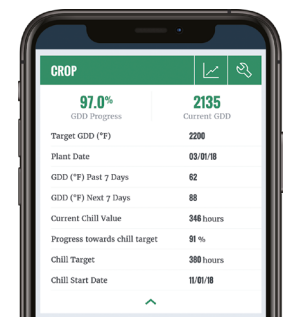
# Mobilize: Critical field data delivered



## IRRIGATION MANAGEMENT

Track soil moisture levels to know when, where, and how much to irrigate.

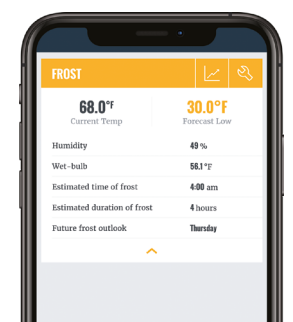
- Custom soil moisture thresholds
- Irrigation alerts
- Evapotranspiration (ET) data
- Past and forecast rain totals



## CROP MANAGEMENT

Track key growing degree day (GDD) and chill requirements against custom targets by crop type.

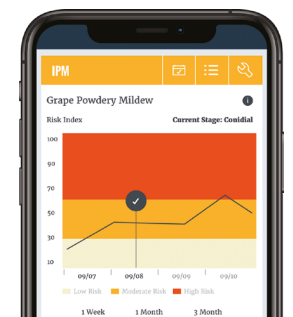
- Chill and growing degree day progress tracking
- Integrated forecasts for planning



## FROST TRACKING

Precise forecasting allows you to stay ahead of critical conditions.

- Forecast frost conditions
- View real-time temperature threshold alerts
- Wet-bulb temperature and humidity tracking

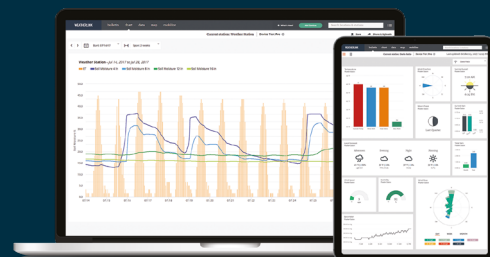


## INTEGRATED PEST MANAGEMENT

Monitor pest/disease models specific to a long list of crops.

- Track Pest Risk Index
- Update IPM models with remediation actions
- Track past, current, and future pest stages

## WeatherLink.com: Your field data, your way



WeatherLink.com is the web-based portal for accessing all of your EnviroMonitor data. The website displays reports created in Mobilize and provides more ways to utilize your sensor data.

- Build a custom bulletin dashboard of visual data tiles to track key current conditions.
- Visualize any combination of field data in the chart section.
- Analyze all of your system data in the data section, or export the data into spreadsheet-compatible formats.
- Set custom alerts for specific sensors or calculated conditions.

Never miss a sensor reading. EnviroMonitor uses a secure, self-optimizing mesh network to make sure you always get your data.

