

Ranch Systems

Soil Moisture Tracking

RanchMaster offers an effective and reliable way to measure soil moisture continuously and in real-time at multiple levels and at several points in a property. The data can be used to schedule irrigation in conjunction with Irrigation Control and/or trigger alerts on critical moisture levels. It can be viewed as time graph or color-coded soil water profile. The data can also be combined with climate and water resource information to create even more intelligent basis for irrigation and alerting.

Weather & Climate

RanchMaster includes a complete weather station solution that provides accurate, continuous, real-time recording of temperature, relative humidity, wind, rain, solar radiation, and leaf wetness. Its built-in analytical features include disease indices, degree days, chill portions, and wet bulb. The Weather & Climate module is typically combined with the Alerting module to immediately notify growers of dangerous weather conditions.

Irrigation & Equipment Control

Schedule irrigation on-line from anywhere. Base station automatically controls valves. Wireless nodes reach remote manifolds. Flow sensors provide feedback. Alerts you in case of deviations or faults.

To learn more about Ranch Systems visit www.ranchsystems.com