

# Monitor Soil Moisture For Better Management Decisions

## Observant Soil Moisture Monitoring Solution

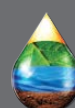


## Observant's Soil Moisture Monitoring Solution allows you to:

View soil moisture and  
temperature data from your  
phone, tablet or desktop

Save water by seeing  
how effective your  
irrigation events are

Optimise crop performance  
by monitoring and  
managing soil moisture



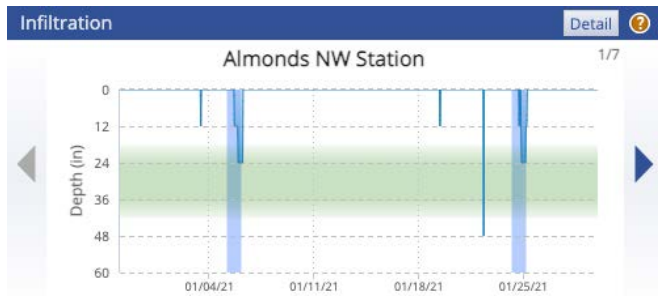
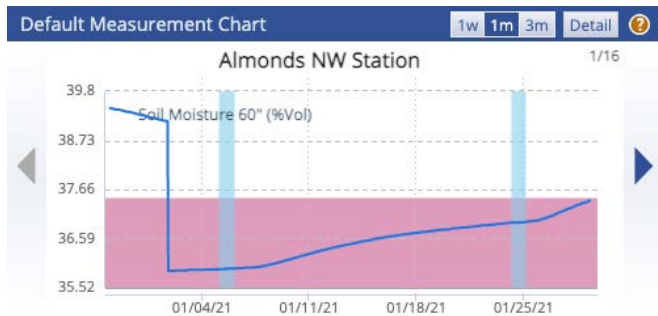
**OBSERVANT**<sup>TM</sup>  
A JAIN IRRIGATION COMPANY

# Soil Moisture Monitoring Solution

## Access your soil moisture data from anywhere

The Observant Soil Moisture monitoring solution provides growers with continuous information to help make informed decisions. This solution provides you with robust hardware that allows remote monitoring of soil moisture and soil temperature at multiple depths in your soil profile. Remotely access the information from JAIN Logic™ from any Internet enabled device.

## Soil Moisture Data in JAIN Logic™



Latest Readings

Almonds NW Station

01/29/2021 10:53:38 AM

Measurement	Value
Irrigation Zone - 24"-48"	51.13 %Vol
Soil Moisture 12"	23.28 %Vol
Soil Moisture 24"	24.75 %Vol
Soil Moisture 36"	26.38 %Vol
Soil Moisture 48"	31.79 %Vol
Soil Moisture 60"	37.43 %Vol

- 1 Monitor soil moisture levels at the **root zone**, across different date ranges, to **gain insights** into water availability for your crop
- 2 View **irrigation and rain events** in the same graph so you can see the impact water is having on your soil moisture levels
- 3 Monitor the depth that applied water or rainfall is reaching by using the **Infiltration graph**. This can help you to tailor your future irrigation schedules
- 4 Easily move between soil probes at different sites and get a **quick summary** of the soil health across all your fields
- 5 Set "wet" and "dry" markers for each depth the probe is measuring. Red indicates the soil is **too dry** and blue indicates the soil is **too wet**

## Hardware

The Observant hardware supports a range of probes and probe lengths (40cm, 80cm, 120cm and 160cm) as well as different cable lengths for different crop needs. There are sensors every 10cm's along the length of the probe.

Additional sensors can be connected to the Observant C3+ including rain gauge or weather station.

Contact your authorized Observant dealer who can tailor a solution that accurately monitors your soil moisture, temperature, and other data you are interested in.

\* EnviroPro Soil Probes pictured

