OBSERVANT™ | Water. Optimized.

CROP SOIL MONITORING

Soil Moisture Monitoring

Optimize plant growth by monitoring the root zone environment to make informed decisions about irrigation on your farm. Get detailed data on:

- Soil moisture profile.
- Electrical conductivity (EC).
- Soil temperature.

Soil Moisture Monitoring on irrigated farms helps maximize crop yield by optimizing irrigation performance. It also helps you schedule field operations and manage application of expensive nutrients whether or not you irrigate.

Improve farm efficiency through better water use

Whether accessed from your computer, tablet or smartphone, the Observant Global platform can monitor soil moisture on your entire farm, enabling you to:

- Improve irrigation and energy efficiency.
- Enhance nutrient management.
- Schedule mechanized operations during the right field conditions.
- Manage runoff and percolation.

1300 224 688 observant.net

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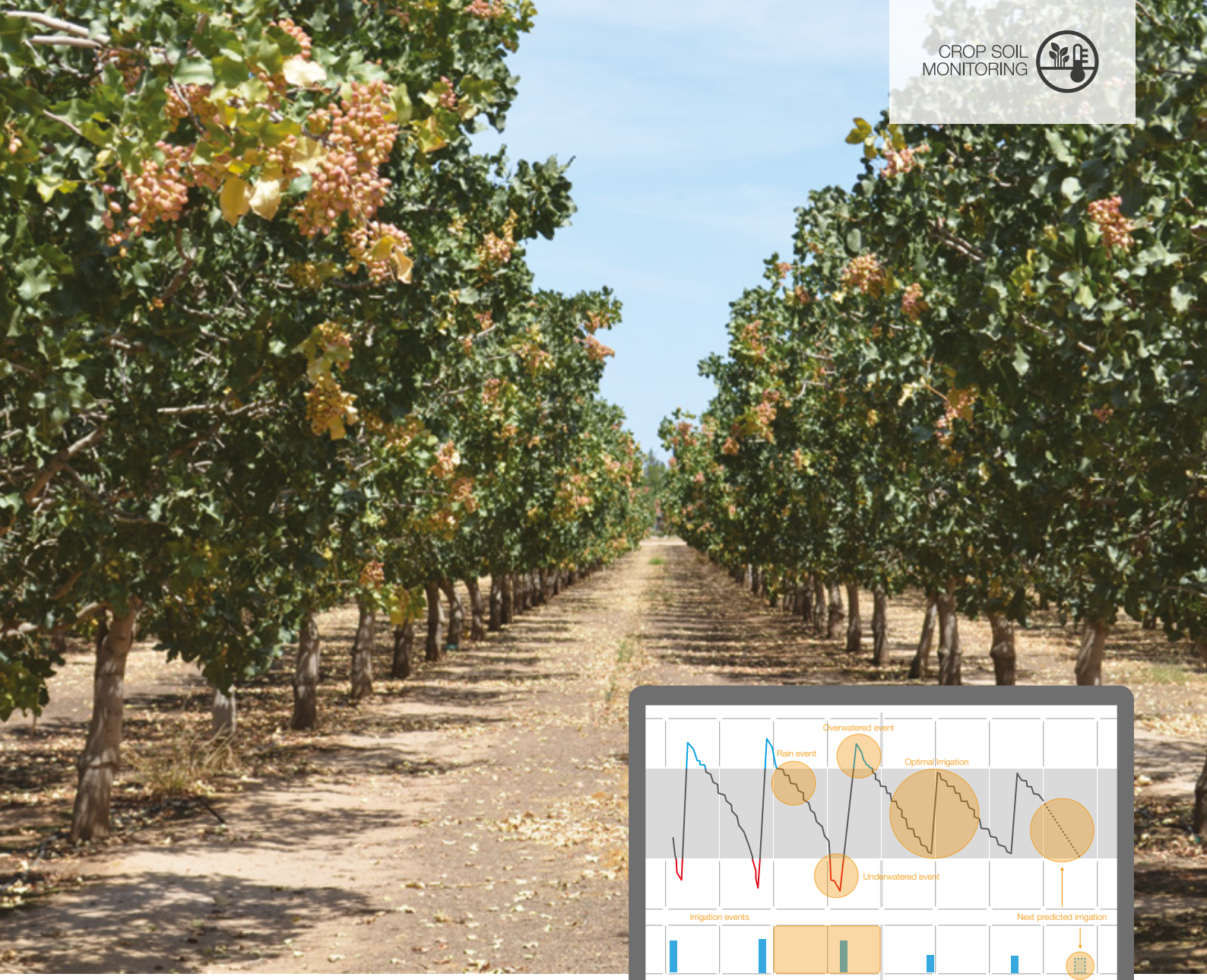

Observant Global™ images are for illustrative purposes only

Observant offers capabilities that deliver

Soil Moisture Measurement
Monitor the soil moisture versus depth profile to optimize root zone moisture content. Schedule water and nutrient applications, as well as mechanized operations to happen when field conditions are right.

Soil EC Measurement
By monitoring the root zone EC, you can manage salinity and fine-tune those all-important nutrient applications.

Soil Temperature Measurement
Knowing the soil temperature helps you time planting, germination and nutrient applications for maximum results.

Soil moisture monitoring can be deployed using these Observant telemetry units:

- C3 Gateway, C3 Cell, C3 Node
- Solo Cell

Gather soil moisture information using third-party devices:

- Aquacheck Capacitance Probe
- Decagon GS3 Greenhouse Sensor
- Enviropro® Capacitance Probe
- Stevens HydroProbe II SMS
- Other major brand support under development

OBS-MKT-BR021

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