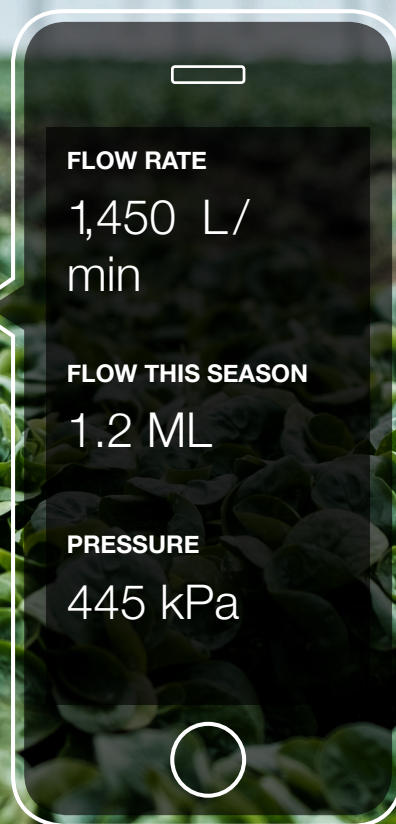


# Monitor Your Irrigation Performance

## Observant Flow & Pressure Monitoring Solution

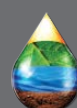


Observant's Flow and Pressure Monitoring  
Solution allows you to:

Monitor flow rate or  
total flow for any  
time period.

Monitor current and past  
line pressure readings to  
identify faults.

Receive SMS or email  
alerts when thresholds  
are passed



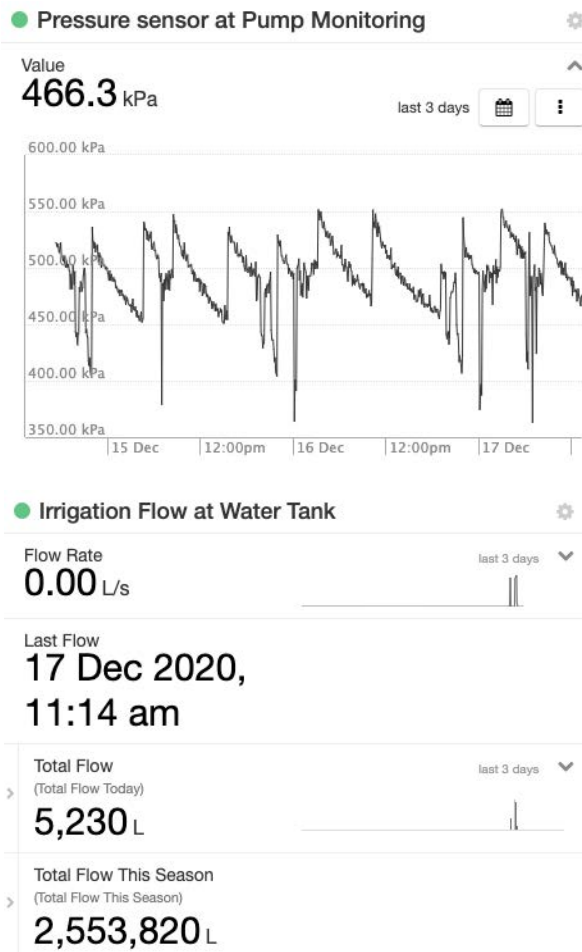
**OBSERVANT**<sup>TM</sup>  
A JAIN IRRIGATION COMPANY

# Flow and Pressure Monitoring Solution

## Optimize your water use

Knowing the condition of your irrigation system gives you control and peace of mind. Flow and Line Pressure Monitoring works as a standalone monitoring system or together with other Observant solutions for comprehensive farm water management.

## Flow and Pressure Monitoring in Observant Global



- 1 Verify that your pump is **running as scheduled**
- 2 **Track water use** over the season to gain better understanding of your costs and return on investment
- 3 **Receive text or email alerts** when flow or pressure readings are outside the normal operating parameters
- 4 Compare **flow this season** with your expected crops water requirements, in order to understand your **plant water use efficiency**
- 5 **Record and export** flow data in order to comply with local water use compliance and regulations
- 6 Use **JAIN Logic™ Pulse** to monitor your irrigation system for you. Receive daily operational summaries and weekly water usage reports

## Hardware

The Observant C3+ can connect to any pulse output water meter, and a wide range of pressure sensors including the Schnieder OsiSense Pressure sensor. When deciding on which device to deploy, you need to consider the site constraints:

- when choosing a flow meter, you need to know the diameter of the pipe it will be fitted to, and the maximum amount of flow per minute or second.
- when choosing a pressure sensor you will need to know the pressure range that needs to be monitored.

