



# DrainVision Soil Moisture

BERRIES soft fruits / VEGETABLES / ORCHARDS / OPEN FIELDS

monitoring solutions

## Sense Your Soil

DrainVision Soil Moisture can be used for any crop that is growing in soil, in a greenhouse or in an open field. This system is able to present the volumetric water content and its distribution in the root environment and estimate the water uptake by the crop.



## HEALTHY DEVELOPMENT OF THE ROOT SYSTEM

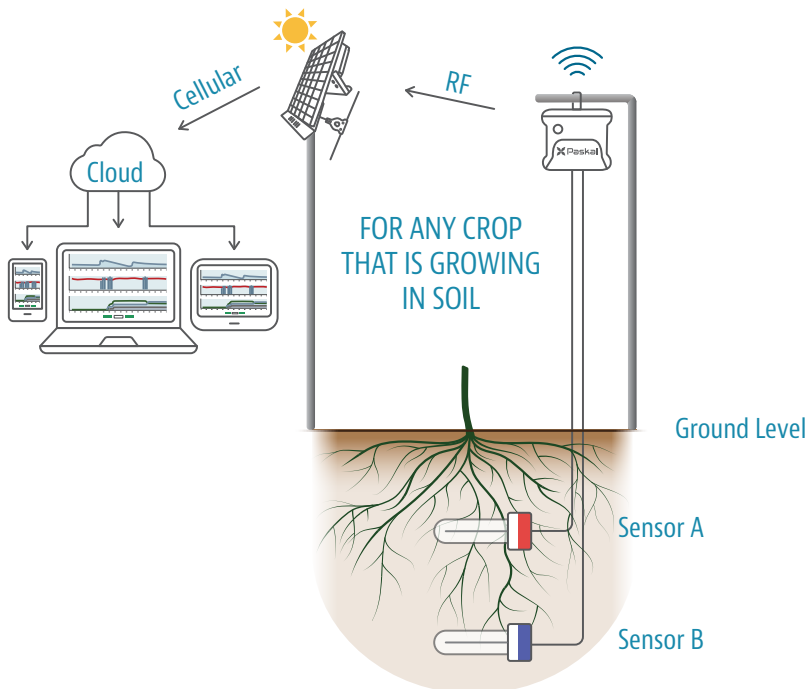
DrainVision Soil Moisture monitoring solution, developed to optimize irrigation management while significantly saving on water and fertilizers. It provides a healthy environment for the development of the root system.

Advantages:

- Control irrigation and online reaction to plant water uptake.
- Improve your yield quantity and quality by providing the exact amount of water the plant needs.
- Follow the plant's root moisture level with clear graphs online.

Positioning the sensors:

- The soil moisture sensors are positioned at 10 cm and at 45 cm depth.
- Each color will represent the position to be placed in: blue for the bottom part and red for the top part.
- The sensors provide accurate results in measured volume of 300 cm<sup>3</sup> soil covering surface.



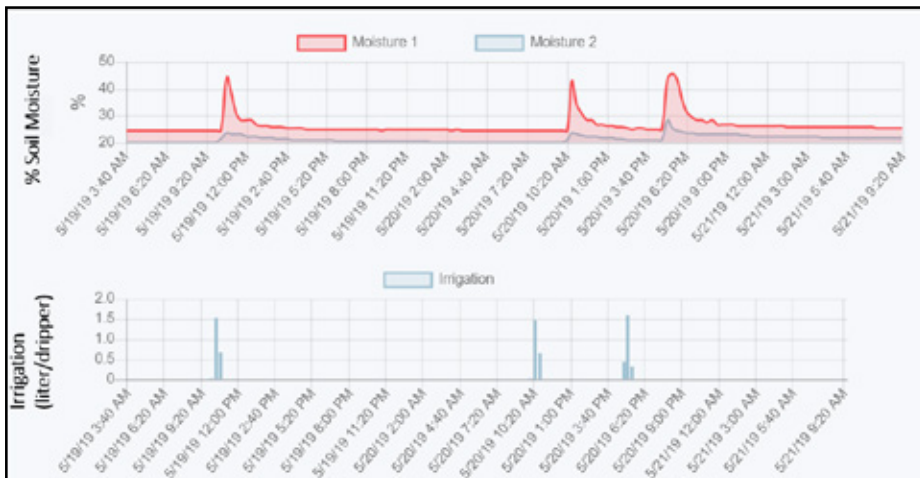
## Wireless, cloud-based irrigation monitoring system

DrainVision Soil Moisture monitoring solution provides:

- An accurate real-time information anytime anywhere.
- User-friendly platform, the grower can view the water content in the root zone and irrigation volume and timing.
- Reaction in real-time by controlling and adjusting the irrigation cycle duration and the intervals between cycles.
- Optimal conditions for your plants' root development.

## Improve your plant growth

Optimal irrigation strategy during critical plant's growing stages, will improve the root's development and as a result will increase the yield quantity and quality while reducing the amount of water being used.



This graph presents the effect of the time intervals between irrigation cycles on the moisture in the soil.

For additional info: [paskal-group.com](http://paskal-group.com)

## Growing Smarter Together.

Bringing digital intelligence to today's agriculture industry.

With its innovative irrigation and growth monitoring solutions, Paskal provides growers unmatched capacity to track and monitor the conditions in which their crop is cultivated, preventing resource spoilage, supporting sustainable growth, maximize yields, and improve quality.

### More products available from Monitoring Solutions family



#### **DrainVision Hanging System**

Improve your plant's  
growth in soilless culture



#### **DrainVision Floor-Scale**

Optimize your plant's  
root environment



#### **PhytoVision**

Analyze your plant's  
growth rate



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