

## Watermark® Sensor - Watering

The Watermark® sensor is an easier and more user-friendly sensor.  
The Watermark® is maintenance-free, frost-proof and against fluctuating Salinity of the soil solution buffered.

The reaction sensitivity of the sensor is several hours until one day depending on soil type.

For values 10000-25000 is a soil moisture for rich green in front. To achieve this, one must surrender water per day not be exceeded, regardless of the present weather conditions.

For bucket this sensor is unsuitable.

Recommended switch-on points and watering ( l/m<sup>2</sup> ) for the main types of soil to wet the soil layer 0 - 30 cm

	A recommended range for "rich green"	Water-saving range for "conservation irrigation"
Soil type / Switching points for irrigation	10 to 50 Centibar 10000 to 50000 Pa	50 to 150 Centibar 50000 to 150000 Pa
sand	8 l/m <sup>2</sup> per addition	4 l/m <sup>2</sup> per addition
sandy loam	15 l/m <sup>2</sup> per addition	15 l/m <sup>2</sup> per addition
loam	15 l/m <sup>2</sup> per addition	20 l/m <sup>2</sup> per addition
silty loam	6 l/m <sup>2</sup> per addition	20 l/m <sup>2</sup> per addition
clay	8 l/m <sup>2</sup> per addition	20 l/m <sup>2</sup> per addition