

# PlantCare – Technology Leader in Field Monitoring and Smart Irrigation

## Who is PlantCare?

- PlantCare (founded 2005) is a strong growing Swiss high-tech company in the area of field monitoring & smart irrigation.
- PlantCare works and produces with highly specialized partner companies/ institutes in Switzerland
- PlantCare has representatives in: Austria, Germany and Spain

## What makes PlantCare products unique?

- Patented Micro Heat Pulse Sensor Technology for measuring soil moisture and soil temperature, featuring:
  - Measures only plant-available water
  - Easy to install
  - Low power consumption
  - The measurement is not influenced by the fertilizer content and the temperature
- Active monitoring using IoT radio transmission ( 20 km radio range)
  - Various thresholds can be defined on the dashboard. When a limit is reached, the user is actively informed by an email.
- Patented, sensor controlled, self-learning irrigation system (PlantControl CX), featuring:
  - Substantial water saving
  - Yield increase
  - Reduced energy consumption
  - Reduced fertilizer consumption
  - Reduced ...icides consumption
  - Reduced pest susceptibility



## Where is PlantCare already in use?

PlantCare products are already used worldwide, especially in agricultural research, in vegetable and berry production, in professional landscaping and by our licensee, Gardena Ltd. in home & garden applications.

So far, more than 300,000 PlantCare sensors have been sold.

