

AgriStick

Product description

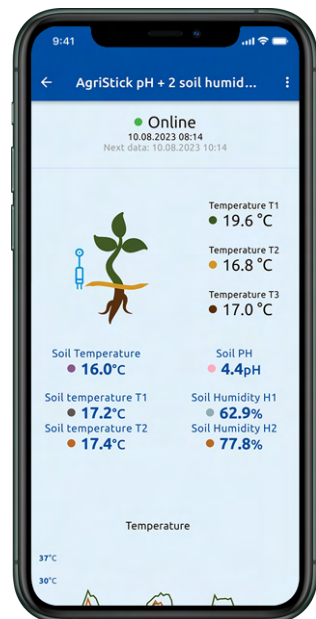
AgriStick is a smart agrometeorological device that has integrated 3 temperature sensors for measuring air and soil temperature. In combination with a narrowband network, it transmits the results of all these measurements to a mobile application. Optional, additional sensors can be attached to device: soil humidity sensor, soil fertility, soil pH, electrical conductivity and salinity sensor, leaf wetness sensor, air temperature and humidity sensor, precipitation amount sensor. Built-in battery, supported by an intelligent control system, guarantees a long service life with minimal maintenance and autonomous operation in rural areas.

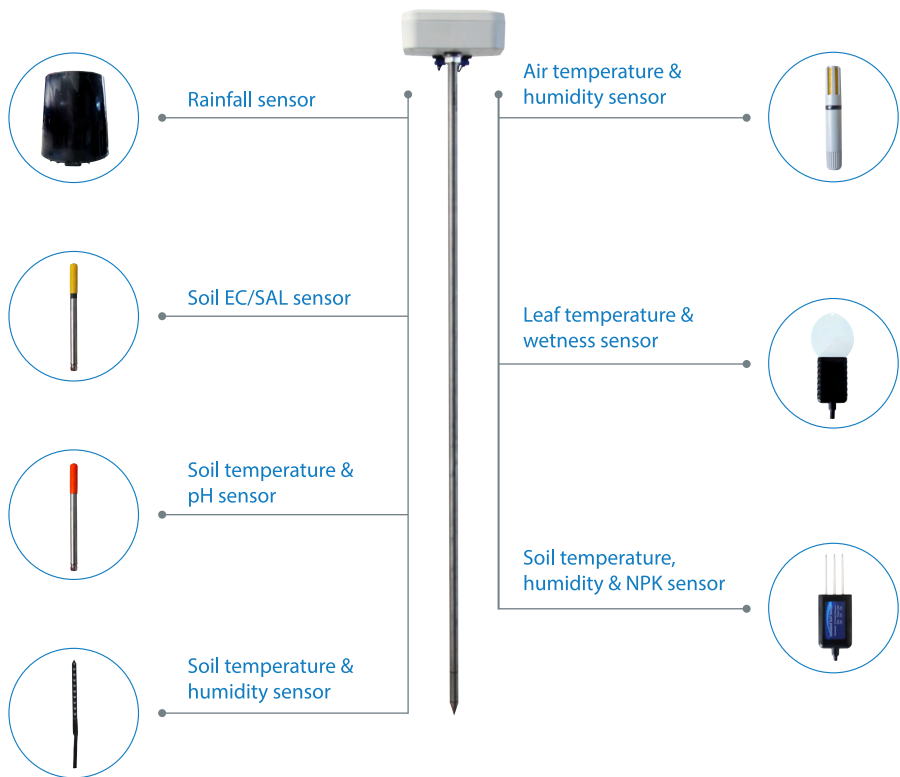
Features

- Wireless communication via NB-IoT Cellular Network
- Real-time measurement in 3 different heights
- Reliable measurement in all weather conditions
- Painless deployment process
- Easy integration with existing infrastructure
- Optional, additional sensors: soil humidity, soil fertility, soil pH, soil electrical conductivity and salinity, leaf wetness, precipitation amount ...

Mobile application - Spotium

Through the application, you can monitor the parameters and locations of other devices (multiple AgriStick-s), receive notifications and access reports on measured parameters.





Rainfall sensor
Precipitation mm



Air temperature & humidity sensor
Air Humidity 0-100%RH
Air Temp -40°C + 80°C



Soil EC/SAL sensor
EC 0-5000 us/cm
SAL 0-10000 ppm(mg/L)



Leaf temperature & wetness sensor
Leaf wetness 0-100 %



Soil temperature & pH sensor
Soil pH (0-14 pH)



Soil temperature, humidity & NPK sensor
N/P/K range: 0-1999 mg/kg
Soil Humidity 0-100%RH
Soil Temp -30°C - + 70°C



Soil temperature & humidity sensor
Soil Humidity 0-100 %