

ROBO

Row Biomass Observer

DATASHEET

The ultimate wireless survey solution:

- remotely controlled with a smartphone (WiFi)

- wireless induction power charging

Automatic detection of row start/end and plot boundaries

Surprising ease of use, both in the field and in the office

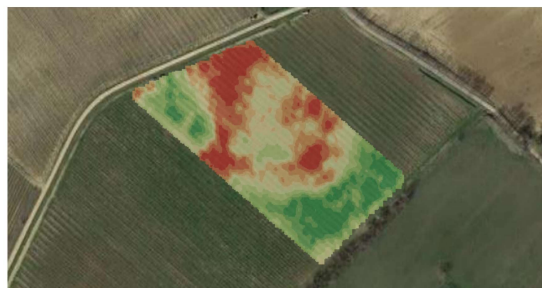


The ROBO sensor is a device dedicated to the mapping of row crops vegetative vigor that allows to quantify and effectively represent the variability within the monitored plots.

Both the data recording in the field and the map production procedure are extremely simple and intuitive. The system is also able to control VRT (Variable Rate Technology) equipment such as fertilizer spreaders, sprayers and harvesting machines, either on the basis of previously produced maps or in real time, i.e. when reading data with the sensor and simultaneously using VRT equipment.

Strengths:

- Determines intra-plot variability in an extremely simple and intuitive way
- Adjusts the doses of the VRT equipment according to either previously collected data or in real time
- Easy to install and use
- Does not require calibration
- Lightweight, compact, space-saving
- Cheaper than other products on the market having similar characteristics
- All the needed software is included in the base package
- Does not require the activation of additional licenses, nor the availability of a web connection, nor the subscription to online services
- All data is stored in the system itself or in the user's PC and is never shared with third parties, ensuring absolute data privacy



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