



ISARIA CROP SENSOR

Two pairs of eyes are better than one.



What is the CROP SENSOR ISARIA?



High-precision sensors.

The CROP SENSOR accurately measures various key parameters in a crop and then provides corresponding crop management recommendations.

Switch it on. Fold it out. Get going.

- Easy to fit to tractors and implements via ISOBUS
- Active light source, so can be used at any time of day or night, whatever the weather
- High measurement frequency for accurate and reproducible measured values

How it works in practice.

In practice the CROP SENSOR can be used in virtually any crop, day or night. It makes sense to focus on cost-intensive areas such as fertilisation (fertilisation for crop growth and quality). The savings and/or variable-rate application based on demand offer clear advantages.

Another area of focus is crop protection, for example, the application of growth regulators or fungicides – especially with a view to crop density.

The CROP SENSOR is intuitive to operate and quick and easy to install. And with ISOBUS, the CROP SENSOR and implement can even be operated and documented jointly via a terminal.

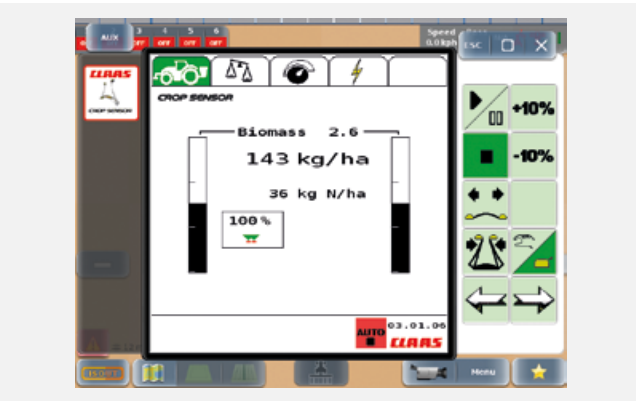
The parameters measured: biomass and N index.



The N index indicates the nitrogen uptake by the plant and serves as a basis for accurately calculating the nutrient supply to the plant.

The biomass index provides information about crop density, making it possible to respond rapidly to extreme conditions such as drought or frost damage.

Auto mode.



The CROP SENSOR auto mode replaces the usual single-point and two-point calibration methods, thereby making CROP SENSOR extremely simple to use.



Furthermore, this automatic calibration system increases application reliability and actively helps to avoid errors.

Your added value.

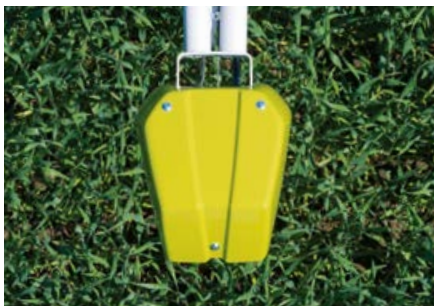


The Crop Sensor is a tool for optimising the application of N fertilisers, growth regulators and crop protection products in a variety of crops. Demand-based application cuts down on fertiliser use and increases nitrogen efficiency.

Furthermore, by increasing the effectiveness of crop protection measures, it protects the environment, conserves resources and produces higher yields – both in terms of quantity and quality.

Make the most of your yield potential!

Identify demand.



Improve the quality.



Increase yields.



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