



# Leafcrop, the real-time connected leaf wetness sensor



## A simple solution to remotely predict the risk of disease in your fields.

**Save time:** take action at the right time! **Improve your productivity:** adopt a precise, targeted approach. **Improve transparency:** access, download and save historical climate data for year-on-year comparisons.



### Precise and reliable data

- ✓ **Professional leaf wetness system** in the middle of your plot
- ✓ **Triple measurements** of humidity and temperature
- ✓ **Data transmitted every 15 mins** without a mobile network – via Sigfox
- ✓ **Data sent via the low-frequency, low-speed network** Sigfox



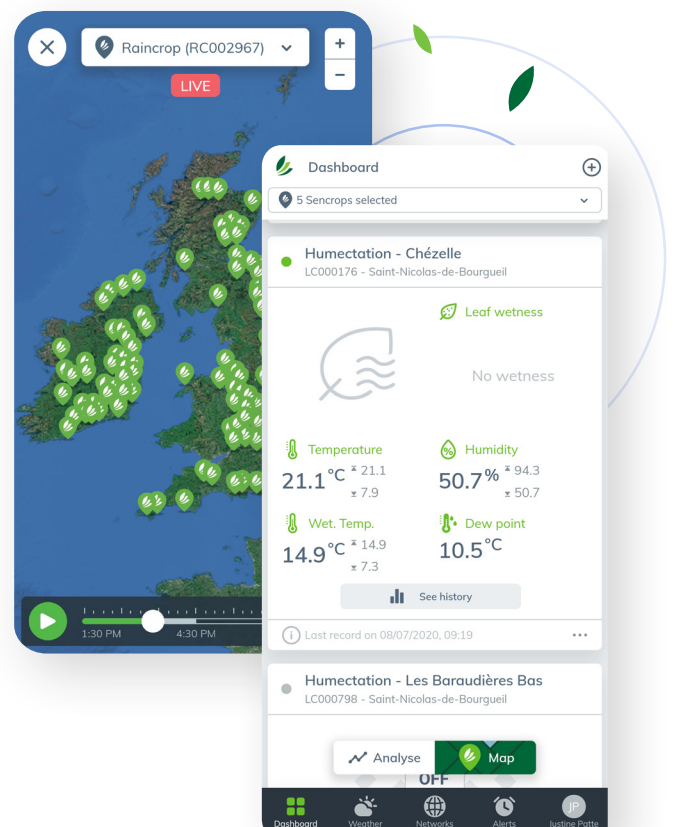
### Robust equipment guaranteed for your plot

- ✓ **Long-life battery** lasting 2 to 3 years depending on the climate
- ✓ **Geolocation** on a map if the station is switched on
- ✓ **Two-year warranty**



### 24/7 web and mobile application

- ✓ **Online access** via your smartphone and computer
- ✓ **Real-time data** and weather forecasts
- ✓ **Create cumulative data, alerts and historical** data records
- ✓ **Compatible** with your agronomic forecasting models



## More information

✉ [contact@sencrop.com](mailto:contact@sencrop.com)

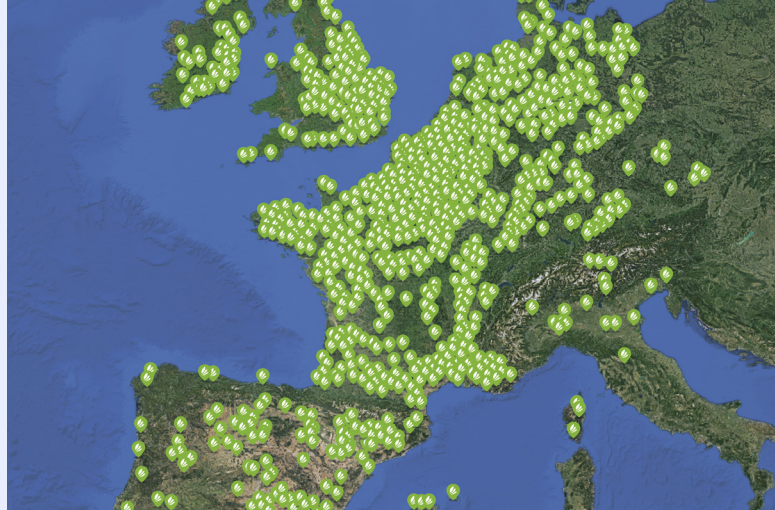
☎ +44 (0) 772 358 0941

🌐 [www.sencrop.com](http://www.sencrop.com)



## The largest network of stations in Europe

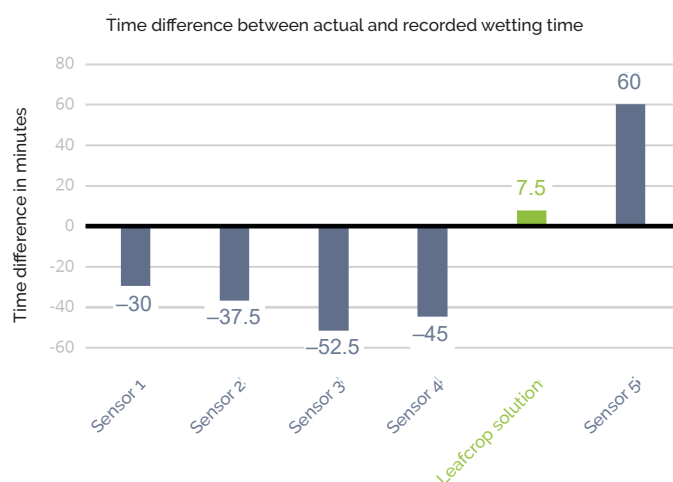
- ✓ **20,000 stations installed**
- ✓ **Access to other stations** in the Sencrop network
- ✓ Compare weather data on **neighbouring plots**
- ✓ **Personalised customer service** 5 days a week



## Comparison of measurements by Leafcrop vs. other existing solutions

Our innovative solution detects water by modifying an electric field. The Leafcrop can detect minute variations in its electric field, allowing water to be detected from the very first drop on the sensor.

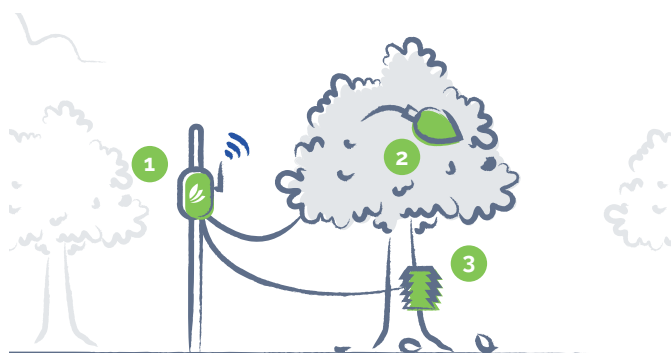
This high precision also enables you to measure the amount of water on a leaf, allowing you to benefit from leaf wetness thresholds unavailable from any previous solution.



## Easy installation

The Leafcrop is designed to mimic the properties of a leaf in terms of water retention, evaporation and natural drainage.

It is entirely self-powered thanks to its integrated battery and automatically connects to your application via the low-speed Sigfox network.



Electrical box



Leaf wetness sensor



Covered temperature and humidity sensors

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