

Disease Risk Kit

Stay ahead of the conditions
that favor disease

Disease risk, under control

The Disease Risk Kit combines **your field's weather data with leaf wetness** in a single system, bringing together the key variables needed to assess the conditions that favor disease development in your crop.

It records **rainfall, temperature, relative humidity, atmospheric pressure, wind and leaf wetness**, giving you an accurate picture of current field conditions.

The Cesens Mini Datalogger centralizes and transmits sensor data so you can track how your field is evolving and make better decisions.

Stay ahead of high-risk periods, plan treatments more effectively and protect your crop with decisions based on real data from your field.

What's in the kit

- ✓ **Cesens Mini GSM Datalogger**
4 connectors, solar panel, GSM connectivity.
- ✓ **Rain gauge**
Cumulative rainfall and rain intensity.
- ✓ **THP sensor**
Temperature, relative humidity and pressure.
- ✓ **Solar radiation shield**
Shields the THP sensor from direct radiation.
- ✓ **Anemometer and wind vane**
Wind speed and direction.
- ✓ **EN-LWS leaf wetness sensor**
Measures moisture on the leaf surface.

Measured variables

It continuously records the variables that drive disease development in the field:



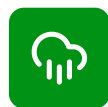
Temperature, humidity
and air pressure



Wind speed
and direction



Leaf wetness



Rainfall

Your entire crop, connected on one platform

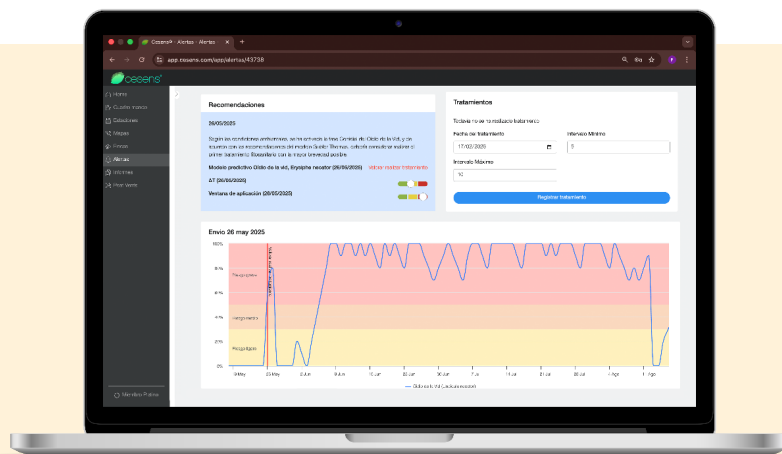
Cesens is a complete crop monitoring service that connects the data collected in the field to an intuitive platform, helping you make better agronomic decisions.

Check weather, soil conditions and disease risk in real time, receive alerts and analyze how your fields are evolving from any device, with all your information centralized in one place.

Real-time weather monitoring

Know the conditions affecting your crop. Cesens records **temperature, humidity, air pressure, rainfall, solar radiation, wind and leaf wetness**.

Data is updated continuously and can be accessed from anywhere, making it easy to monitor every field. Real data to help you act at the right moment.



Disease risk and predictive models

Anticipate risk before disease shows up in your crop. Cesens combines agroclimatic data from your field with **predictive models** tailored to different crops, pests and diseases.

The platform offers **more than 50 predictive models**, allowing you to track how risk evolves and receive alerts when conditions favor disease development. This way, you can plan treatments more precisely and act only when necessary.

Soil and irrigation monitoring

See what's happening below the surface and **match irrigation to your crop's real needs**. Cesens lets you monitor parameters such as **soil moisture, temperature and conductivity** at different depths.

Follow changes in **available water**, analyze every **irrigation or rainfall event** and keep track of agronomic benchmarks such as **field capacity and wilting point**. A tool to help you **decide when to irrigate and how much water to apply**, avoiding both under- and overwatering.

