

CONTINUOUS MONITORING OF THE ACTUAL CONDITIONS ON YOUR FARM





Crop sensor

The sensor measures temperature and air humidity to monitor microclimatic conditions within the crop. Measured values are used to predict the likelihood of pest and plant diseases occurrence. Gentle use of plant protection products has positive impact on environment protection.

Values: Temperature (°C), Air humidity (%)



Post-harvest storage sensor

Three-meter rod sensor monitors the temperature of your harvest to prevents its deterioration. Increased temperature indicates higher humidity or occurrence of pests. Sensor is also used to monitor the conditions in silage pits.

Values: Temperature (°C)

Soil sensor

The soil sensor monitors the soil moisture and soil temperature. Our sensor fit with any kind of soil type and does not require onsite calibration. The soil sensor is suitable for irrigation management, soil moisture determination and controlled greenhouse management.

Values: Temperature (°C), Water Mass Content



Silo sensor

For silos we provide sensors of different sizes up to 25 meters length, depending on the height of the silo. The sensor measures the temperature in 7 or 10 equally spaced segments and monitors the conditions within the silo. The information collected is used for controlled aeration of the harvest.

Values: Temperature (°C)



Meteorological station

This meteorological station keeps you informed about the weather conditions on your farm. Planning of daily and seasonal activities on your farm thus become so much easier, and you can do it all from the comfort of your home or office.

Values: Temperature (°C), Air humidity (%), Atmospheric pressure (hPa), Precipitation (mm)



Sensor for animal welfare

Temperature and humidity monitoring serve to ensure and maintain the animal welfare conditions in stables and poultry breeding. Data is used to control airing, heating or air-conditioning. Using a sensor, you can declare well-maintained conditions of animal's welfare for auditing bodies.

Values: Temperature (°C), Air humidity (%)

Sensors will monitor the temperature and humidity of your vegetation and soil. You won't have to check your fields, warehouse or silos personally. Farm activities will be easier to plan. CleverFarm will notify you in time about any threats of diseases or pests.

Newest technologies

Our sensors are based on IoT technology and sends the data from sensors to our application. The sensors energy consumption is low thus its batteries last long.

New information every 30 minutes

New data is sent to the application every 30 minutes, keeps you informed about the current conditions on your farm.

Map visualization

The sensor is activated by defining its spatial position on the map. Clicking on it will show you last measured values as well as signal strength and battery level. Recorded values are also displayed in graphs and can be viewed as daily, weekly or monthly statistics.

Historical data

In the application, you can see both, the current measured values as well the history of the data. The application also keeps the records of the previous sensors location or the deactivated sensors.

Data export

The sensors data can be exported to XLS format, where you can see particular records for the selected period.

Free trial

We are ready to present the solution and sensors on your farm and give you one moth trial for free.