



# Drone Based Crop Monitoring

**Drones provide valuable and accurate data for crop surveillance.**

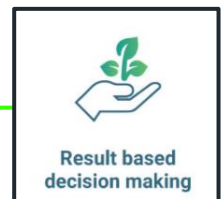
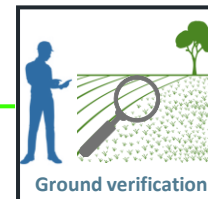
**Drones with multispectral camera allow the early detection of stress factors for better decision making.**

Our drone is different than a regular drone, this one carries a multispectral camera, that combined with a specialized software, lets us calculate vegetation indexes and identify stress in the plants that are invisible to the human eye.

This service can be applied to any crop, for nitrogen status, early pest and disease identification and plant stress (e.g., water stress), which is essential for easier crop protection guidance and nutrient management. On the ground scouting is time-efficient, overall impacting the crop performance and yield

## Our Service

With the use of this technology we are able to provide unbiased and data driven information for better decision making. The service entails a six steps process where we visit the farm and make all the analysis, followed by a scouting of the areas of interest. At the end of every visit a report is issued. Our drone is a tool that complemented with our expertise makes us more efficient. The service can be hired for individual flights or on a per season basis, which includes five flights in critical stages of the crop. This service can be complemented with the satellite-based crop monitoring for a complete farm management tool. All data collected is confidential. The following images exemplify the process.



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