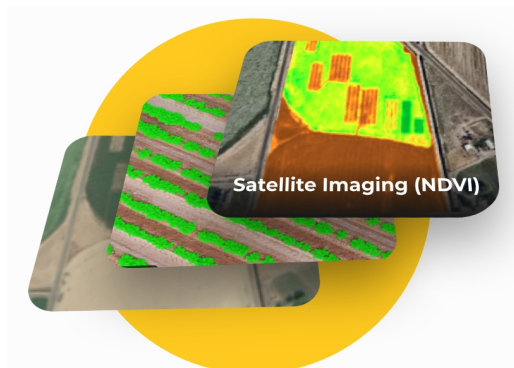


NDVI for crop productivity

What Does An NDVI Measure In Crops

NDVI measures the state and health of **open field crops** or crop vigor. NDVI values obtained with satellite data with high resolution have a strong correlation with crop phenological stages (**emerged, maturity, harvest**). **Frequent NDVI reports** are a powerful tool for measuring crop productivity and predicting future yield.



When to use NDVI

NDVI is the most effective beginning in the pre-peak season of **crop growth** and continuing throughout the harvest.

NDVI satellite data provided in partnership with Airbus , is a powerful indicator of plant health, detecting positive signals and plant stressors as much as two

weeks before such issues are apparent to the naked eye. NDVI becomes a vital component of reliable **crop yield models**, along with other variables such as soil moisture, temperature, and precipitation.

Why to Use NDVI for Agriculture

Industry players across the agricultural sector, including traders and food, beverage, and chemical companies, can benefit from building predictive models which incorporate NDVI to inform their decision-making better. In conclusion, the remote sensing tools of NDVI are useful tools for helping farmers to locate problems, look for reasons behind the problems, plan tasks and predict their yield potential.

AgroScout partners with **AIRBUS** to offer farmers the ability to monitor and control larger fields. For more information please contact our team at sales@agro-scout.com.