PIONEERING GEOANALYTICS PRODUCING A NEW LEVEL OF INSIGHT FOR AGRICULTURAL LAND MANAGEMENT
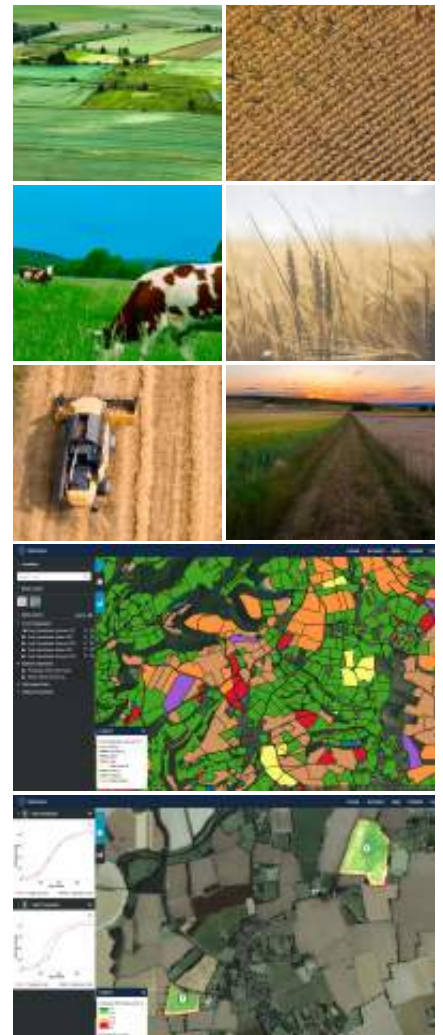
DATA-DRIVEN AGRICULTURE

To maximise yields, reduce costs and ensure resilience and food security, businesses involved in agriculture are now in need of innovative solutions to overcome an increasingly competitive and heavily-regulated global market.

Through the analysis of Earth Observation data and imagery, Rezatec can provide accurate, regularly-updated insights relating to key agribusiness issues, such as; crop yield optimisation, harvest planning, supply chain audits and field mapping.

Our unique agricultural data products are made available via a web-based geodata platform and enable fully-informed decisions to be made by food growers and processors.

+ Improve crop yield and reduce production costs
+ Measure and monitor crop growth
+ Plan crops for better seasonal use of resources
+ Forecast yield for optimizing logistics and food storage
+ Assure responsible sourcing approach
+ Improve supply chain resilience
+ Meet regulatory compliance
+ Analyze historic land use
+ Assess environmental and carbon impact

Rezatec
Analyzing Earth Data

CROP IDENTIFICATION & FIELD MAPPING

+ In-season crop identification

+ License-light field mapping solution

CROP HEALTH & EARLY STRESS DETECTION

+ Crop health assessment and quantification of physiological condition

+ Monitoring throughout the growth season and rapid detection of abiotic and biotic stress

PASTURE MANAGEMENT

+ Improving dairy farm efficiency - pasture quality and productivity analysis

+ Dairy grazing management and pasture regrowth tools

SUPPLY CHAIN OPTIMISATION

+ A combined view of farming practice and production

+ Historical and current farming trends

+ Focusing farming/harvesting resources where they are needed

PRODUCTIVITY & PROFITABILITY

+ Crop yield forecasting and in-season management

+ Yield variability analysis, historic trends

SUSTAINABILITY ASSESSMENT

+ Agricultural planning based on full understanding of climate factors and predictions

+ All agri data products combined enable climate-smart approach