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
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