

AUTOMATIC DETECTION FOR THREATS AND OPPORTUNITIES IN CROPS PRODUCTION



Dilepix's vision

Because each case is different, we aim at providing a custom-made solution to each of our clients' problematics.

Reliable technology

Our technology is designed for real-time operations in outdoor conditions. Our algorithms are made available in cloud or in embedded mode.

Recognized know-how

Our technology has been developed for more than 15 years in partnership with major industrial companies and has been validated under real conditions from ocean depths to space. We have adapted it to the agricultural industry.



- THREATS**
- Pest detection
 - Disease detection
 - Weed detection

- OPPORTUNITIES**
- Emergence analysis
 - Crop stages
 - Yield forecast

- ANALYSIS**
- Cartography



- THREATS**
- Pest detection
 - Disease detection
 - Weed detection

- OPPORTUNITIES**
- Emergence analysis
 - Vegetables & Fruits ripeness
 - Yield forecast

- ANALYSIS**
- Cartography



- THREATS**
- Disease detection
 - Pest detection

- OPPORTUNITIES**
- Flower counting
 - Fruits ripeness
 - Yield forecast

- ANALYSIS**
- Cartography



- THREATS**
- Disease detection
 - Pest detection
 - Missing vine plant detection

- OPPORTUNITIES**
- Grapes ripeness
 - Yield forecast

- ANALYSIS**
- Cartography



- QUALITY CHECK**



We work in close collaboration with our clients and all the use cases presented here can be adapt to provide a very specific solution to them. Non-exhaustive list.