Enhance your VINEYARD

GRAPE-DSS

POWERED BY AGRICOLUS

- SATELLITE IMAGERY
- FORECAST MODELS
- TASK MANAGEMENT
- FIELD MAPPING
- CROP SCOUTING

INTEGRATED IN A SINGLE PLATFORM TO

1. Monitor and optimize management cost and production processes
2. Prevent the spread of pest and diseases
3. Simplify the work on field assigning tasks to coworker
4. Reduce the use of water
5. Monitor vineyard, even remotely
6. Improve environmental sustainability

GRAPEDSS FEATURES

SATELLITE IMAGERY

Vigor Indices: 5 different indices to monitor crop development from your PC and identify problematic areas.

Chlorophyll Index: to identify chlorotic zones in the field.

Water Stress Indices: 2 different indices to identify vegetation water stress or humidity level of bare soil.

CROP SCOUTING – MOBILE APP

Pests and Diseases: geolocate quickly and easily specific problems of the vine.

Traps and Catches: geolocate traps and monitor insect trend during the season.

Phenology: register your observations which will be integrated into the forecast model.

Soil Analysis: geolocate your soil analysis results.

Crop Damages and Issues: register general problems of the farm and damages in the vineyard that need to be solved.

FIELD MAPPING

Draw Or Import one or more fields to hook all the features.

FORECAST MODELS

Prediction of Phenology to assess vineyard needs in each development stage.

Prediction of Ripening to identify the best time for harvest and produce excellent wine.

Evaluation of Water Requirements to carry out irrigation when necessary with the right amount of water.

Prediction of Infestation And Diseases to assess the risk of pest (Lobesia botrana) and diseases (Peronospora, Powdery mildew, Botrytis cinerea) and act promptly.

TASK MANAGEMENT

Create and Assign tasks to be done in the farm to your collaborators in real time.

Register Where, How and When Icrop operations have been carried out (irrigation,treatments, fertilization).

DECISION SUPPORT SYSTEM

PRESCRIPTION MAPS

WEATHER STATIONS

WEATHER FORECASTS

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