AgroScout
InfoAG 2021

OUR VIDEO >
GROWERS LOSE UP TO 40% OF CROPS TO DISEASE & PESTS

COSTING THE GLOBAL ECONOMY €200 BILLION ANNUALLY

REDUCTION OF CHEMICAL USE
VISION

Global Agronomy Service
Helping Grow in a More Sustainable, Accountable & Efficient Way

IMPACTING Global Food Security & Carbon Emissions

Scouting services for 2 billion acres & 500 million farmers
DATA COLLECTION

Image Analysis

- Mobile
- Drone
- Satellite
DETECTION

Physical / mechanical anomaly

for examples:

Disease

Canopy Coverage

Pests
GROWTH Key Performance Indicators

- Area (k Acres)
- Fields
- Images (k)

+24 Countries
+22 Crop Types
## ALGORITHM PROCESS

<table>
<thead>
<tr>
<th>Pests</th>
<th>Diseases</th>
</tr>
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<tbody>
<tr>
<td>Looper armyworm</td>
<td>Alternaria</td>
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<tr>
<td></td>
<td>Late blight</td>
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<td></td>
<td>Flower</td>
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The Big Story Of Data
WEB PLATFORM
DETECTION OF PESTS AND DISEASES

- Wise use of chemicals
- Food safety and standardization
- Enhancing sustainability
ORTHOMOSAIC

- Management and Control
- Insurance claims
- Soil diseases, Nutrition/ Irrigation deficiencies
EMERGENCE • Emergence evaluation
STAND-COUNT • Yield evaluation
• Seeds compensation
CANOPY COVERAGE

- Biomass evaluation
- Harvest decisions
NDVI

- Plants stress
WASHINGTON POTATO COMMISSION CASE STUDY 2019-2020

Dates: 2.6-15.9.20  
Crop: Potato  
Acres: 2,500  
# of Flight Missions: 142  
# of Images: 75652  
# of Reports: 14 weekly reports

Acres covered: 2,500  
Location: Washington, USA

“The AgroScout sensing technology significantly increased the field scout's ability to recognize certain insect and diseases. Incorporating this technology with the AgroScout field app will further increase our ability to more quickly and better monitor pest populations.”
FROM PRECISION DETECTION TO PRECISION TREATMENT
CPB (Colorado potato beetle) - Project in Washington 6-8/2021

June 21st CPB Adult + Larvae findings (93 findings)
CPB INFESTATION LEVEL

Delegate (5) + Agrimek(6)
MICRO FIELD UP TO 10 HECTARE

Diagnose & Treatment Recommendations for the Very small farmer
MACRO FIELD FROM 100 HECTARE

Diagnosis and prediction of output at the level of thousands of hectares
To a State and / or Global Corporation
ASK THE EXPERT

Capture the finding

Choose expert

Chat with the expert
DATA MONETIZATION

Plant protection | Insurance | Gov | Enterprise | Finance
Carbon emission measurement | Carbon credit Offsetting

Agronomy Services

NDVI
Orthomosaic
Canopy Coverage
Stand Count
Disease & Pests

Planting
0 days
14-21 days
45 days

Harvesting
120 days
Agro Analytics for Maximizing Agriculture at the lowest Input & Environment Impact
AgroScout Raises $7.5 Million in Series A Investment to Expand its AI-based Crop Management Solution
THANK YOU!

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