

An aerial satellite map of agricultural land, showing various colors representing different crops and land use. A semi-transparent white text box is overlaid on the map.

Agricultural Production Monitoring Platform

+40 mn Hectars **Observation**

What we do?

- ✓ **Agrovisio** is a digital agricultural platform.
- ✓ We **help farmers and agribusinesses** to make data-driven decisions based on satellite and drone observations.
- ✓ **Monitoring** 40 Million Ha, +20,000 users
- ✓ **Our goal** is to provide affordable high-tech crop monitoring tools to encourage sustainable agriculture.

Sales B2G



REPUBLIC OF TURKEY
MINISTRY OF AGRICULTURE
AND FORESTRY

TAGEM

TARSİM[®]
TARIM SİGORTALARI HAVUZU

TURKSAT



İmeceMobil



Kayseri
Şeker

GÜBRETAS

başarsoft

Cargill

NIRAS



maptech
MAPTECH ELEKTRONİK A.Ş.



İZMİR ALSANCAK
Rotary

**ÜNÜDOLU
MERVLÖRİ**



TANMANLAR



SEVİMLER
TOHUMCULUK

farmer
expert



Weather Logistics

PIDMSolutions
Precision Defence&Manufacturing



organics
ORIGINAL ORGANICS



Own algorithms, own software!

Crop Monitoring

Risk Management

Monitor your fields remotely with various satellites or drone images, measure crop health, water stress, nitrogenous status, detect abnormalities, and always be aware of weather conditions.



© Agrovisio 2017-2023

Agricultural Consultancy

Yes, we can see many details not visible to the human eye via satellites and drones. Our experts can guide you with your issues in the fields. All you need is to ask!



Farm Management

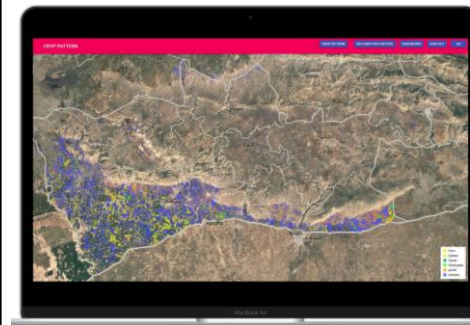
Manage/record your operations digitally; assign tasks to your field team members; track your resources, incomes, and expenses to understand your financials.



Crop Classification

AgSupply Monitoring

Detect cultivated lands crop by crop, see crop based production maps in field resolution, and track harvest times.



CAP Control

Validate farmers' CAP, detect frauds and false declarations. Protect taxpayers contributions and support food security by funding farmers who really produce





Own algorithms, own software!

Manage risks, prevent yield loss and increases profitability over 20%

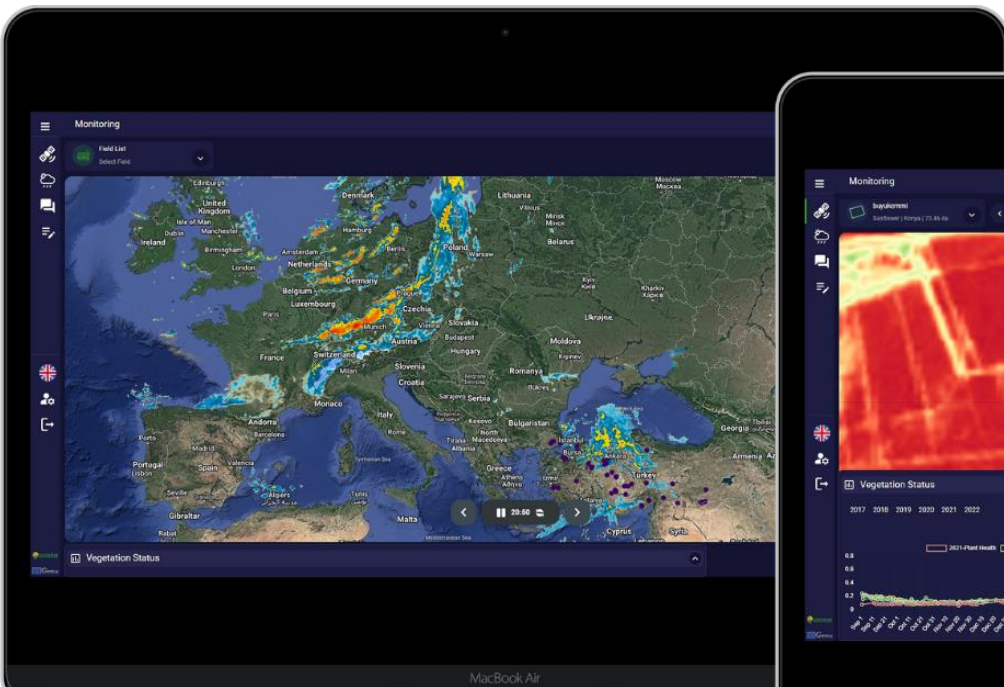
Crop
Monitoring



Weather Radars & Maps

Alarms

Multiple Satellites & Drones



Crop Monitoring

AI Based Observations Early Warning



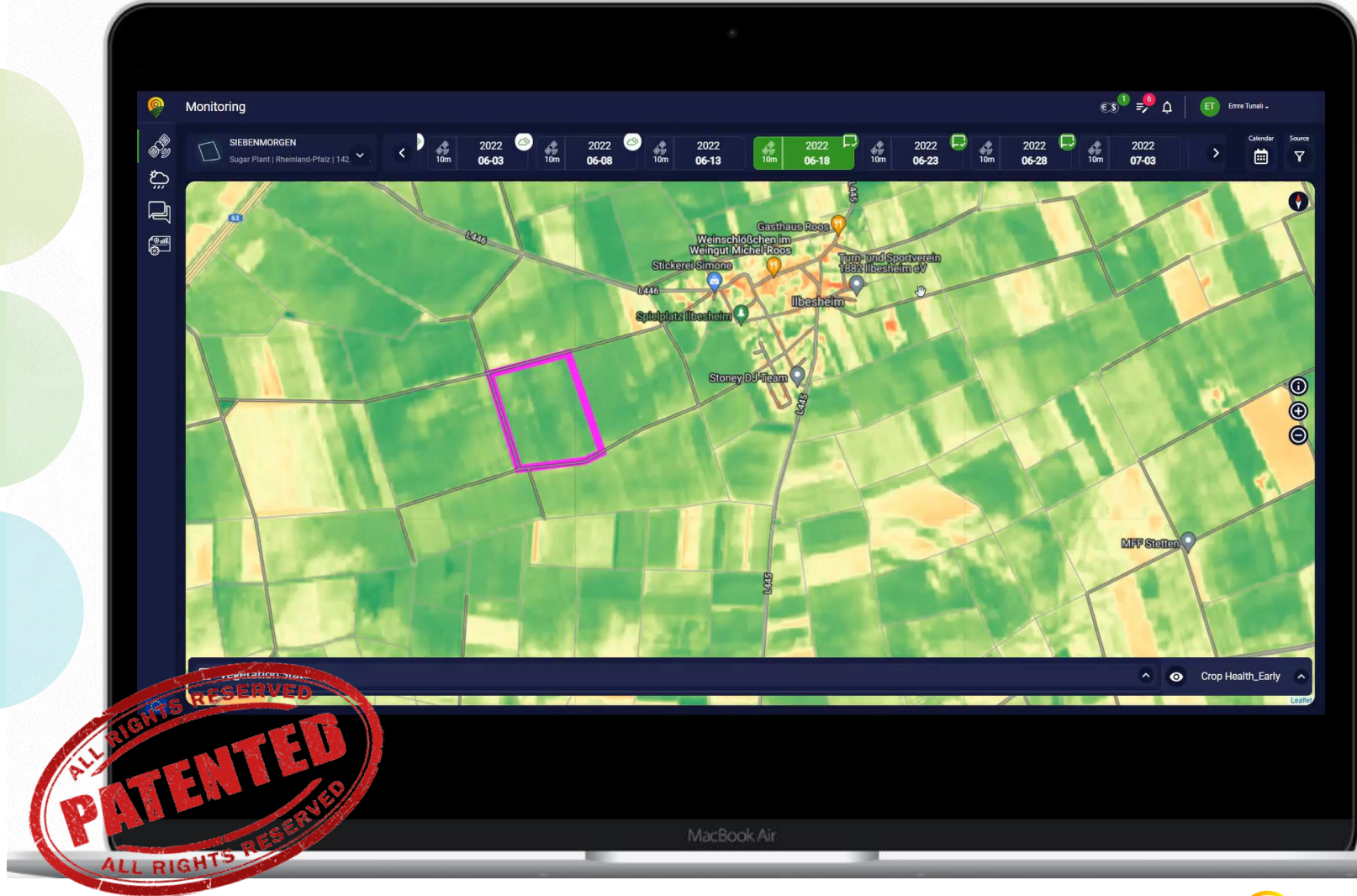
Continuous Field Observation



Crop Health, Water, Nitrogenous Stress



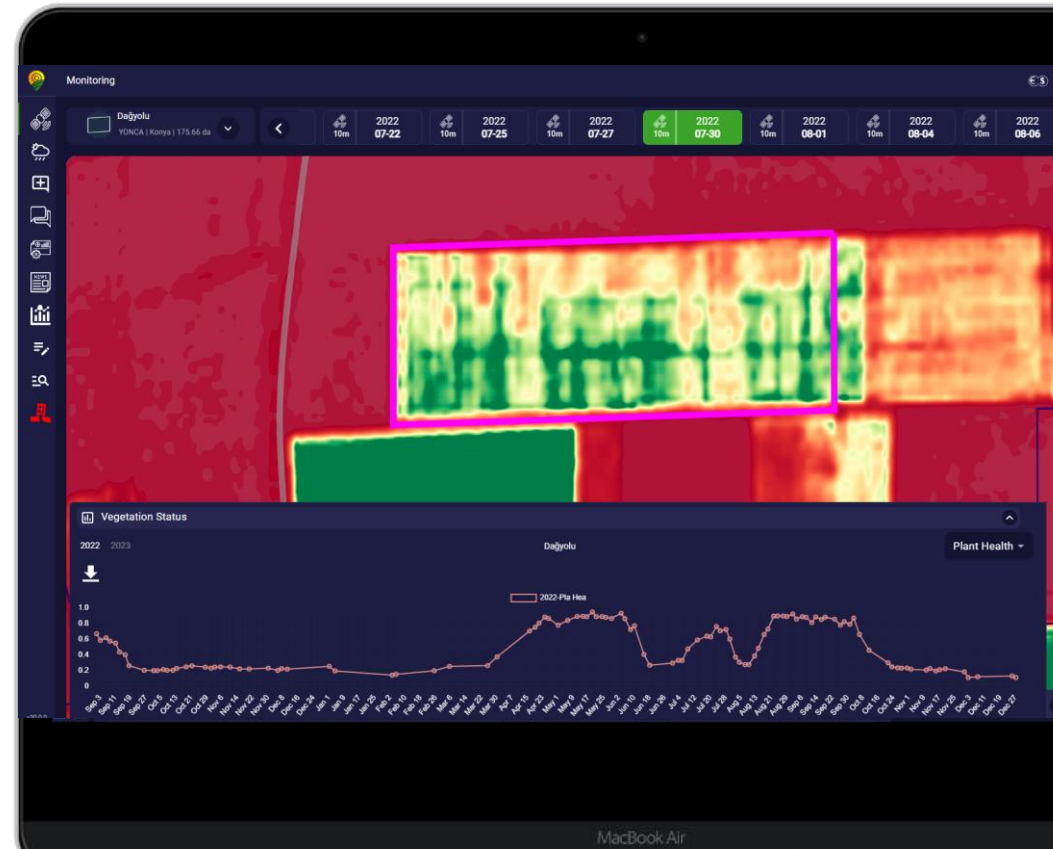
Risk Warnings and Remote Assistance



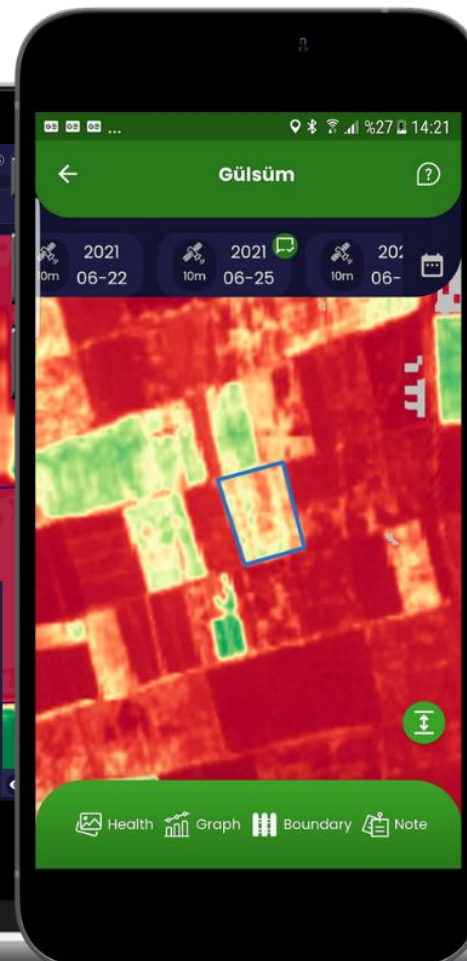
Crop Monitoring

Works as an early warning system, detects underdeveloped zones, water stress in the fields, and weather-related warnings to cope with uncertainty and risks.

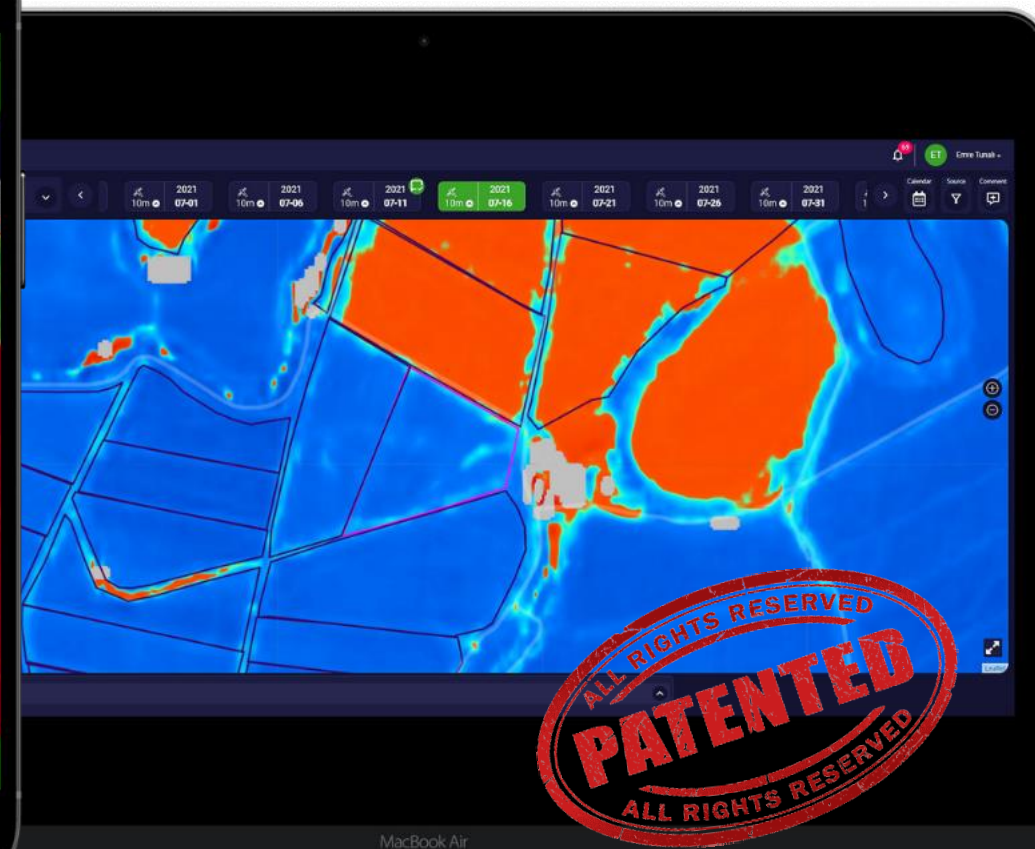
Nitrogenous Status



Crop Health



Water Stress



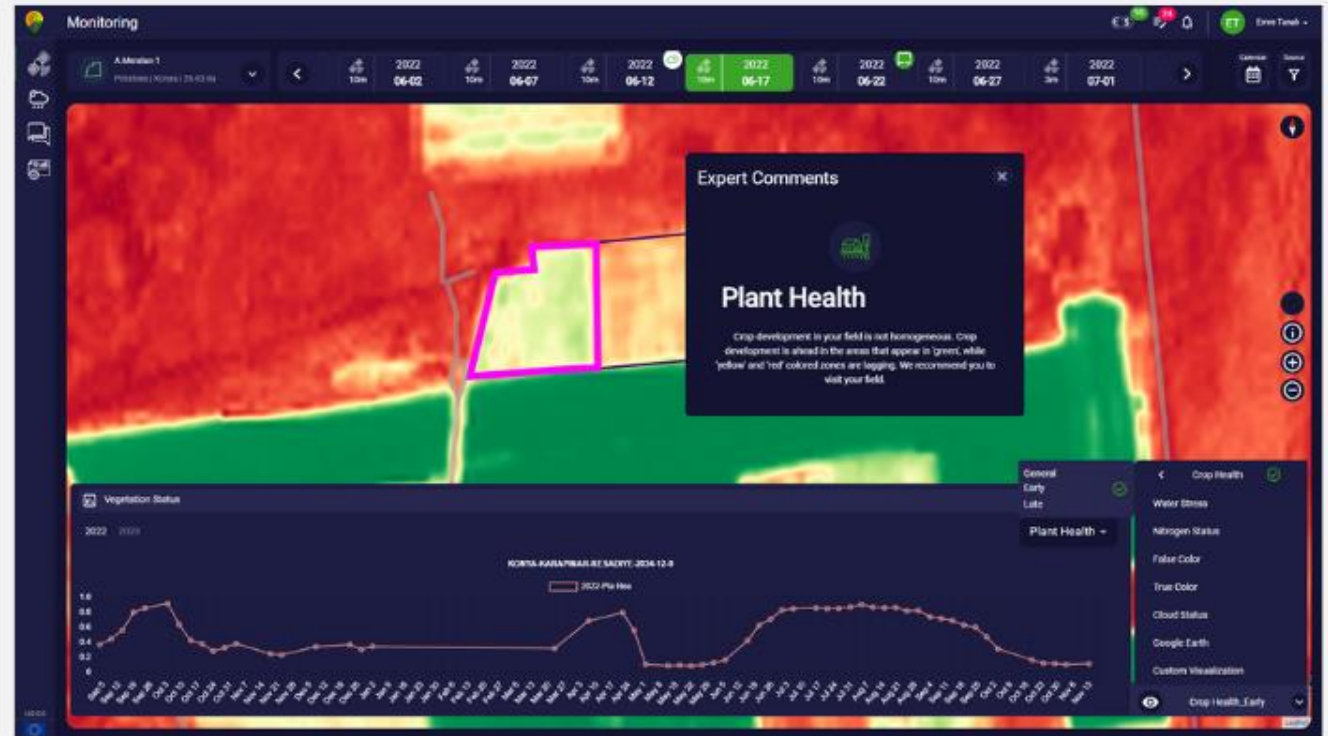
Risk Management

FOLLOWING ONLY NDVI WILL MAKE YOU MISS A LOT!
MONITOR CROP HEALTH ACCORDING TO THE GROWTH STAGE OF THE CROP!

CROP HEALTH MONITORING

We monitor crop health according to the development stage/days with different analyses:

- **Early:** Detects health stresses in the early days of phenology (germination). You can control homogenous seed growth, keep looking at our notifications.
- **General:** Identifies stressed crops up to 2 weeks before comparing with the naked eye. Best use in mid-growing season.
- **Late:** While crops are getting closer to maturity; stress, damages, and homogeneity of maturation should be monitored with this analysis.

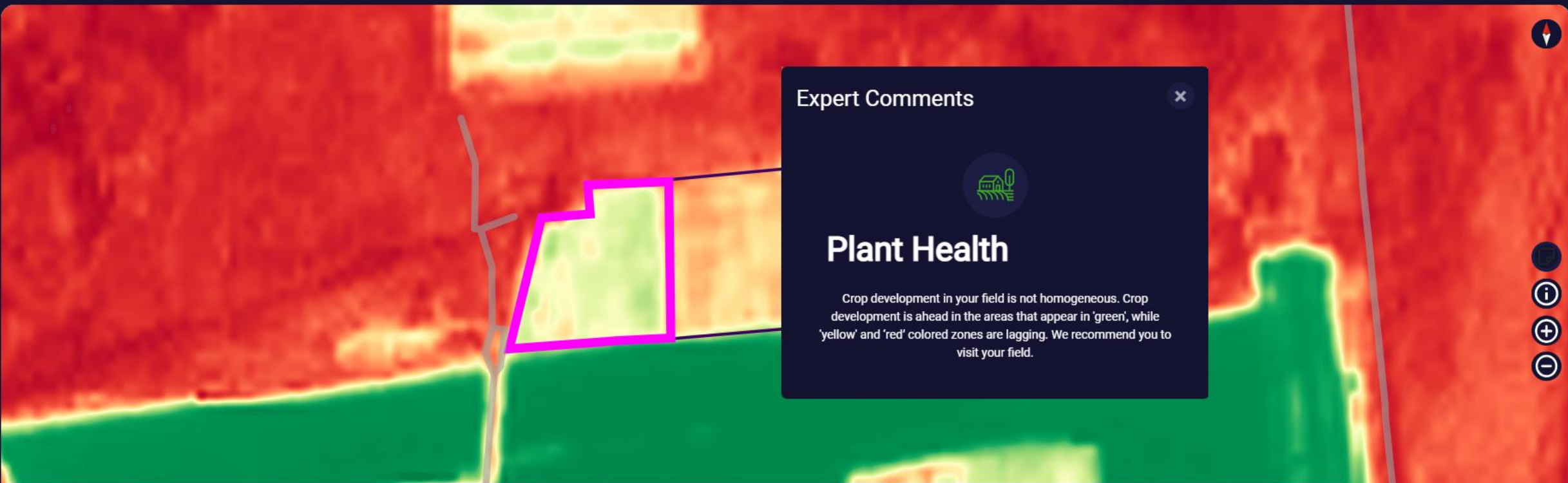




A.Meralan-1 Potatoes | Konya | 26.63 da

2022 06-02 10m | 2022 06-07 10m | 2022 06-12 10m | **2022 06-17 10m** | 2022 06-22 10m | 2022 06-27 10m | 2022 07-01 3m

Calendar Source



Expert Comments

Plant Health

Crop development in your field is not homogeneous. Crop development is ahead in the areas that appear in 'green', while 'yellow' and 'red' colored zones are lagging. We recommend you to visit your field.



Risk Management

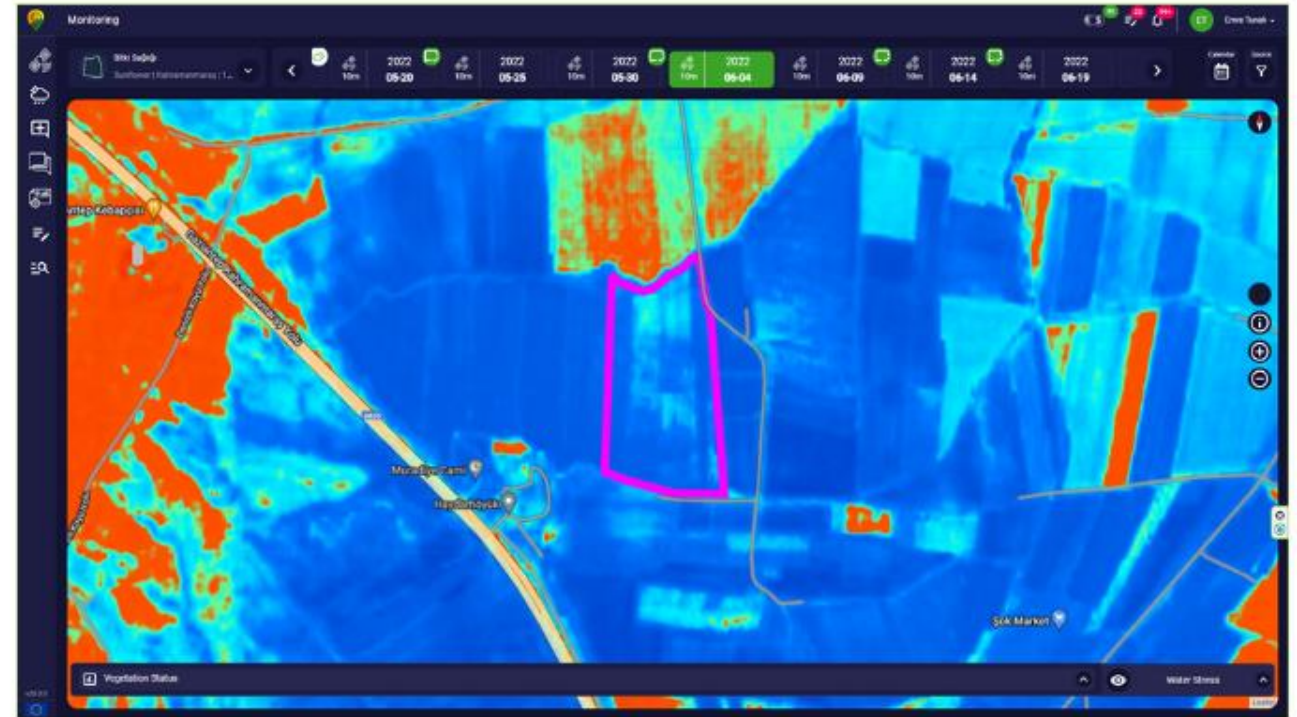
CATCH WATER STRESS BEFORE ITS TOO LATE, PREVENT YOUR YIELD!

WATER STRESS MONITORING

Water stress can decrease yield significantly.

We continuously monitor your fields, measure the water content of the plant and notify you in cases of water stress before it damages the crops. With early warnings, you can protect your yield!

You can also monitor how well your irrigation application is by just checking the homogeneity of the water stress in the field. Ideally, your field should be homogeneous and dark blue after the irrigation.





Bitki Sağlığı Sunflower | Kahramanmaraş | 1...
2022 05-20 2022 05-25 2022 05-30 2022 06-04 2022 06-09 2022 06-14 2022 06-19
10m 10m 10m 10m 10m 10m 10m



Risk Management

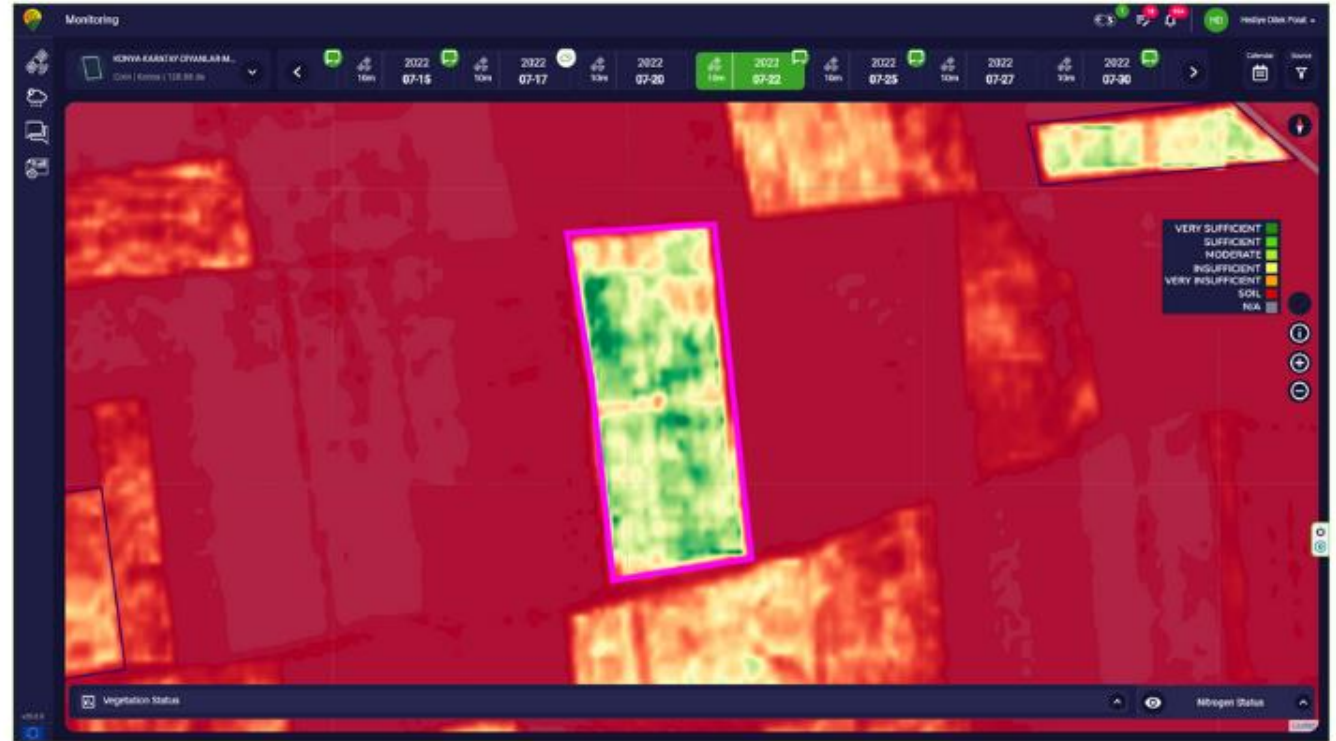
DO NOT MISTAKENLY USE NDVI FOR TRACKING THE NITROGENOUS!
INSTEAD TRACK NITROGENOUS STATUS DIRECTLY WITH US!

NITROGENOUS STATUS

Knowing the nitrogenous status of the crop and taking action accordingly can significantly improve the yield.

We continuously monitor your fields, measure the nitrogenous status of the plant and notify you in cases of problems.

You can use our maps to detect nutrient deficiency in the field and variable rate fertilization applications.

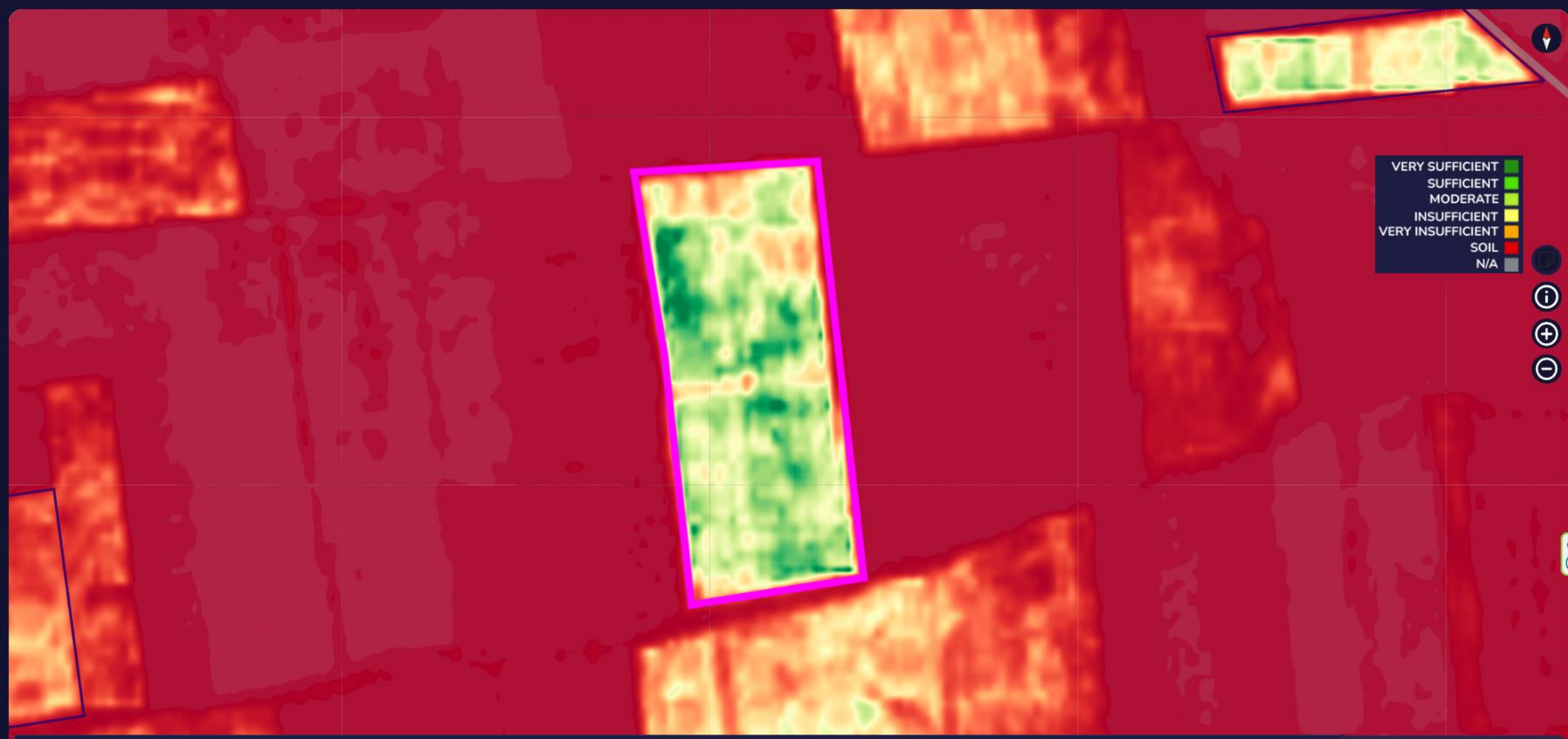




KONYA-KARATAY-DIVANLAR-M...
Com | Konya | 128.88 da

10m 2022 07-15 10m 2022 07-17 10m 2022 07-20 10m 2022 07-22 10m 2022 07-25 10m 2022 07-27 10m 2022 07-30

Calendar Source



Vegetation Status Nitrogen Status

Not only maps, but also image explanations



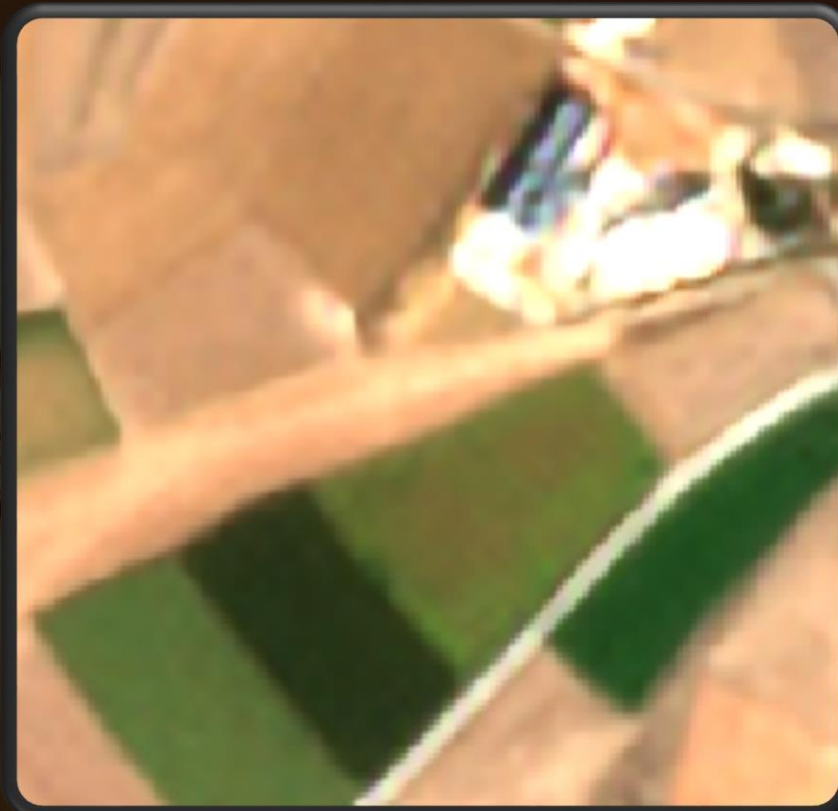
Crop Monitoring

With our super resolution algorithms we serve our analysis with x9 better resolution than standard.

Standart
Sentinel-2



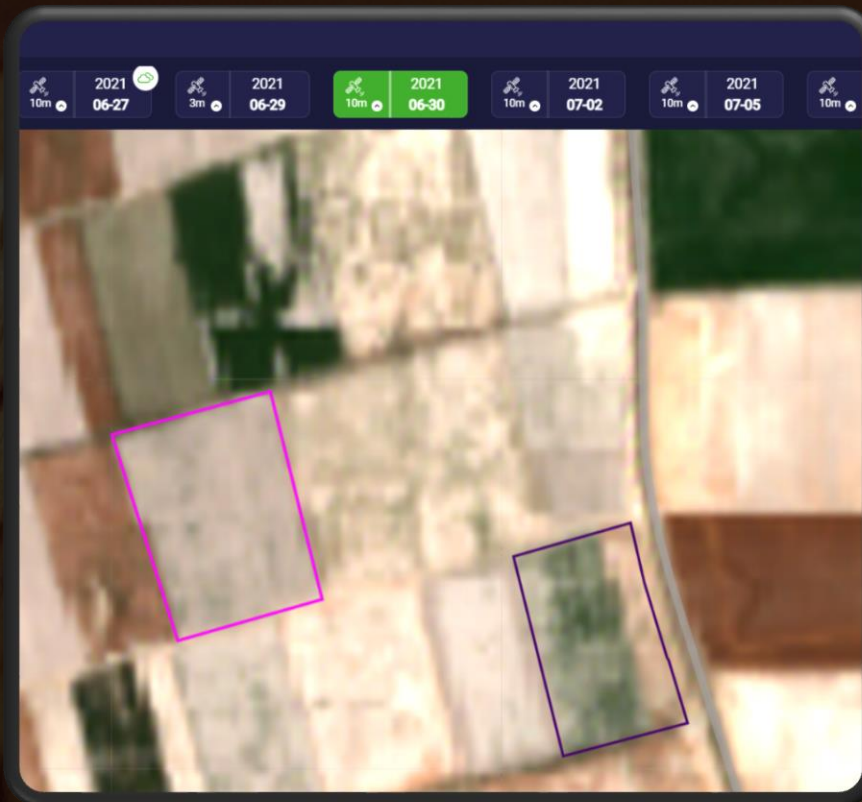
Agrovisio Sentinel-2
High Definition (x9)



Crop Monitoring

Enjoy analysis of daily high resolution satellite imageries, detect problems in your field earlier. You can also benefit from both satellites together!

Sentinel-2
5 day period (10 m)

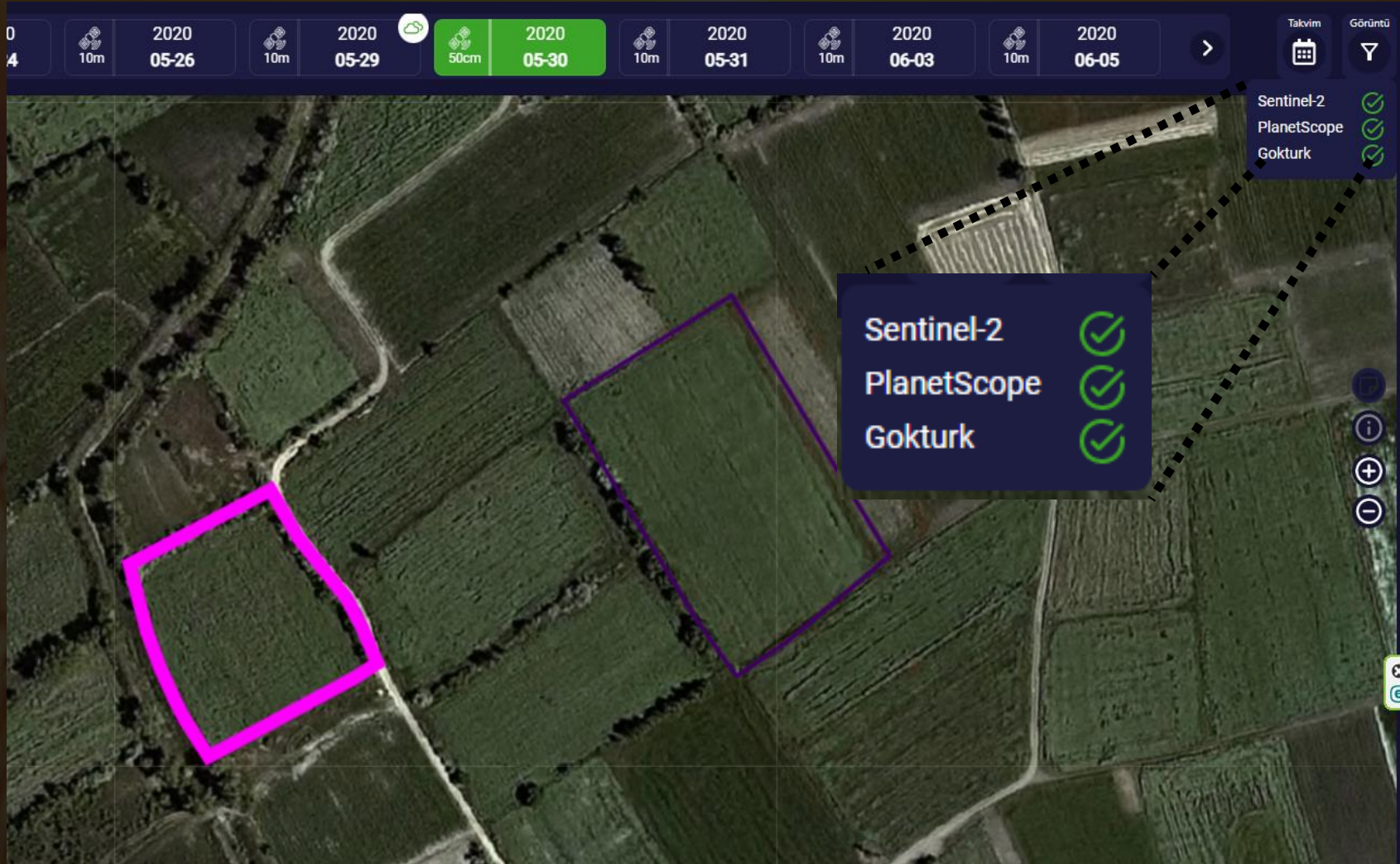


Planet
Daily (3m)



Crop Monitoring

Enjoy analysis of daily high resolution satellite imageries, detect problems in your field earlier. You can also benefit from both satellites together!



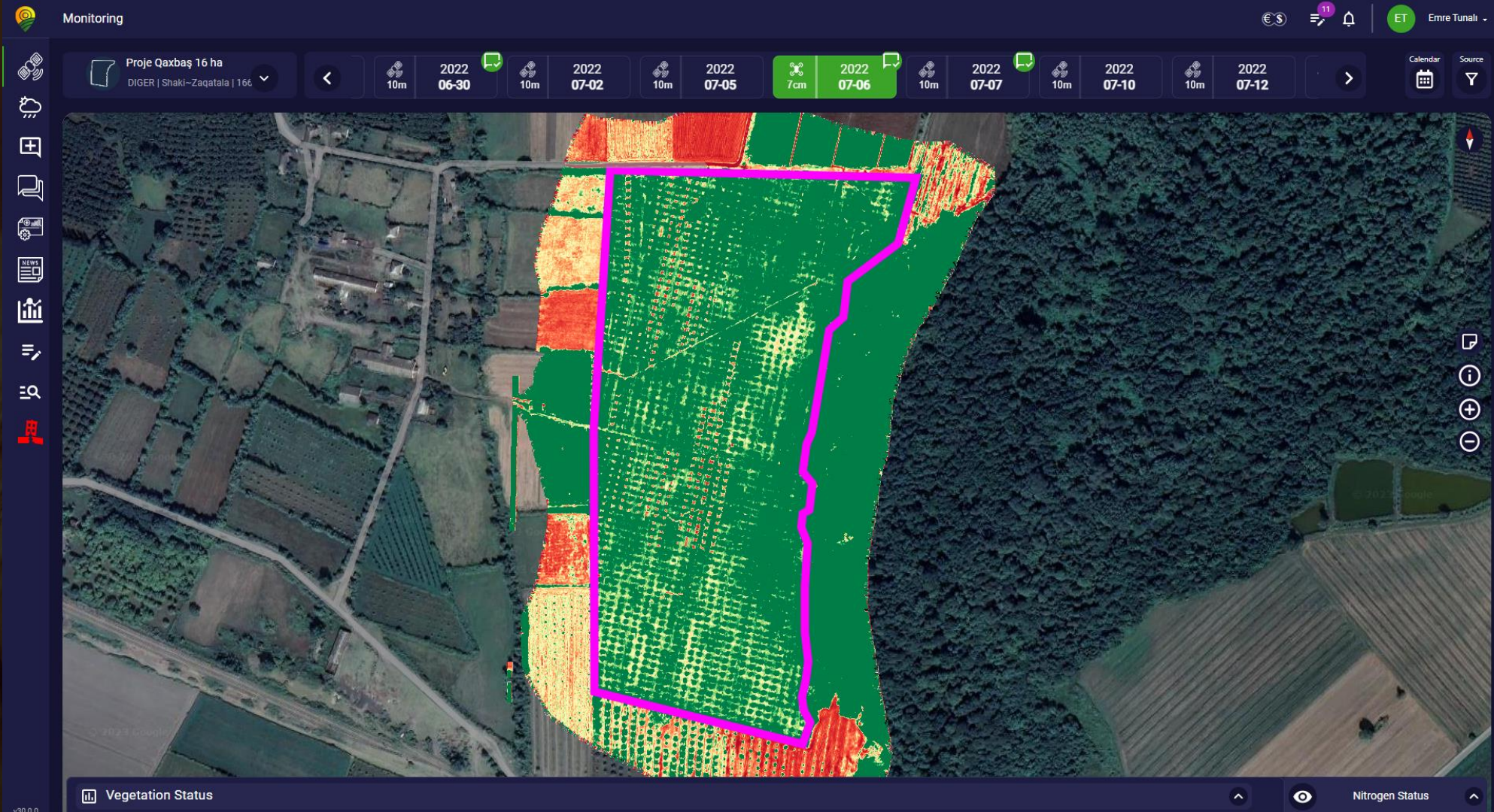
Crop Monitoring

We analyze drone footage and provide results together with your satellite analysis. All you need to do is upload multispectral drone footage of your field.



Crop Monitoring

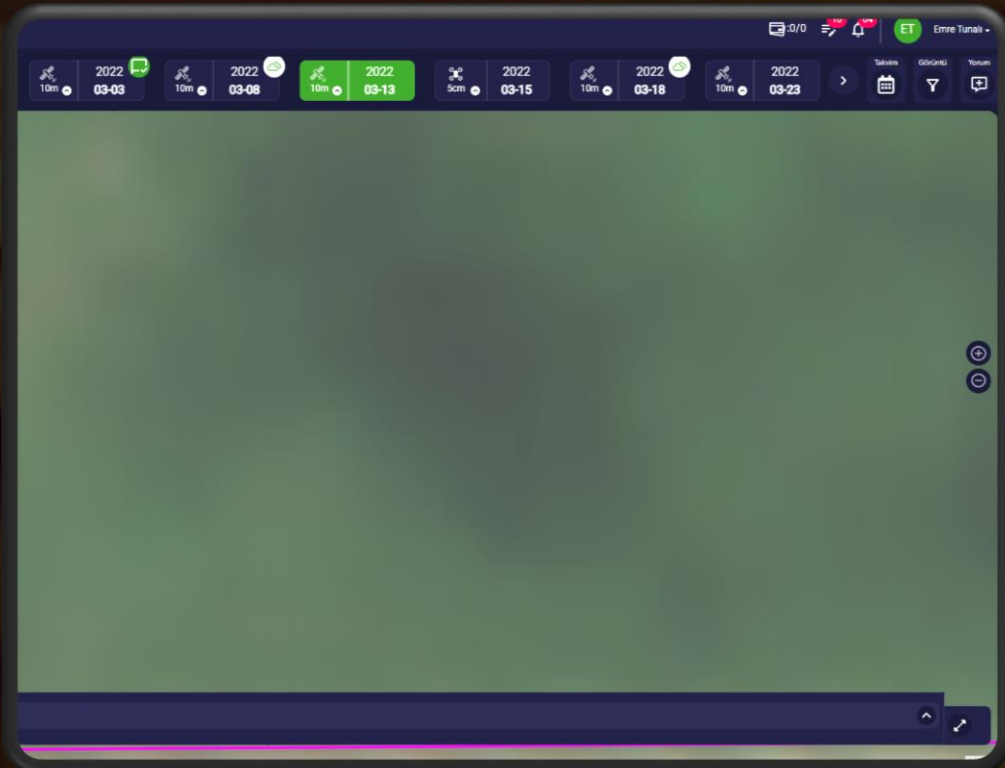
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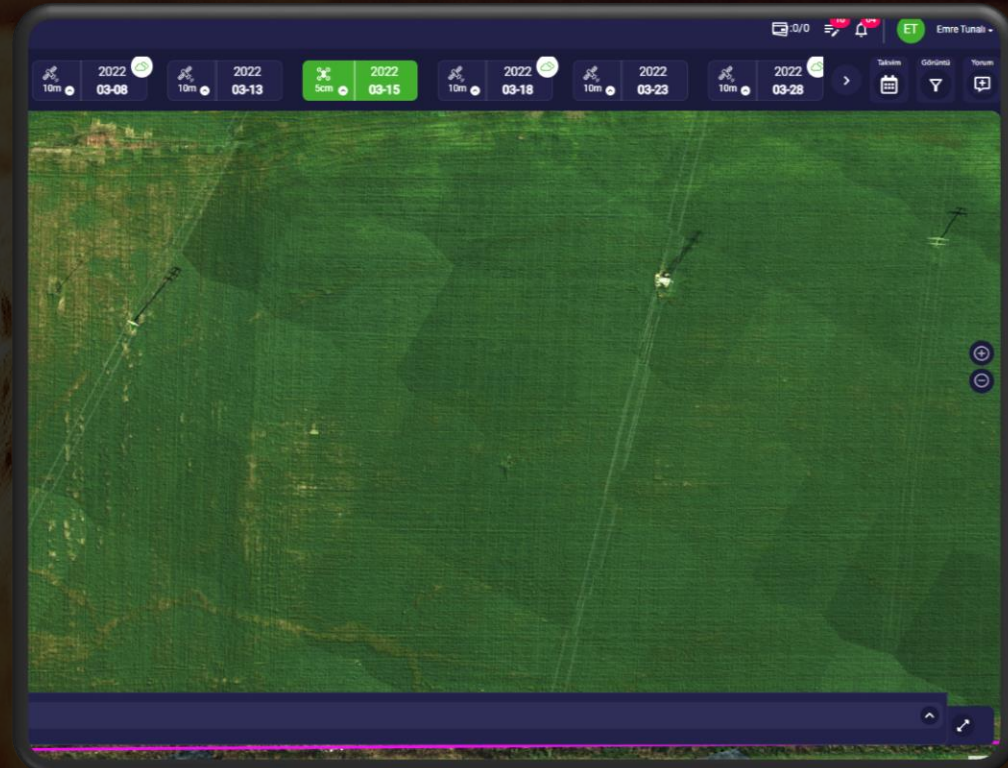
Crop Monitoring

We analyze drone footage and provide results together with your satellite analysis. All you need to do is upload multispectral drone footage of your field.

Sentinel-2
(10 m)



Drone
(5 cm)



Agricultural Consultancy

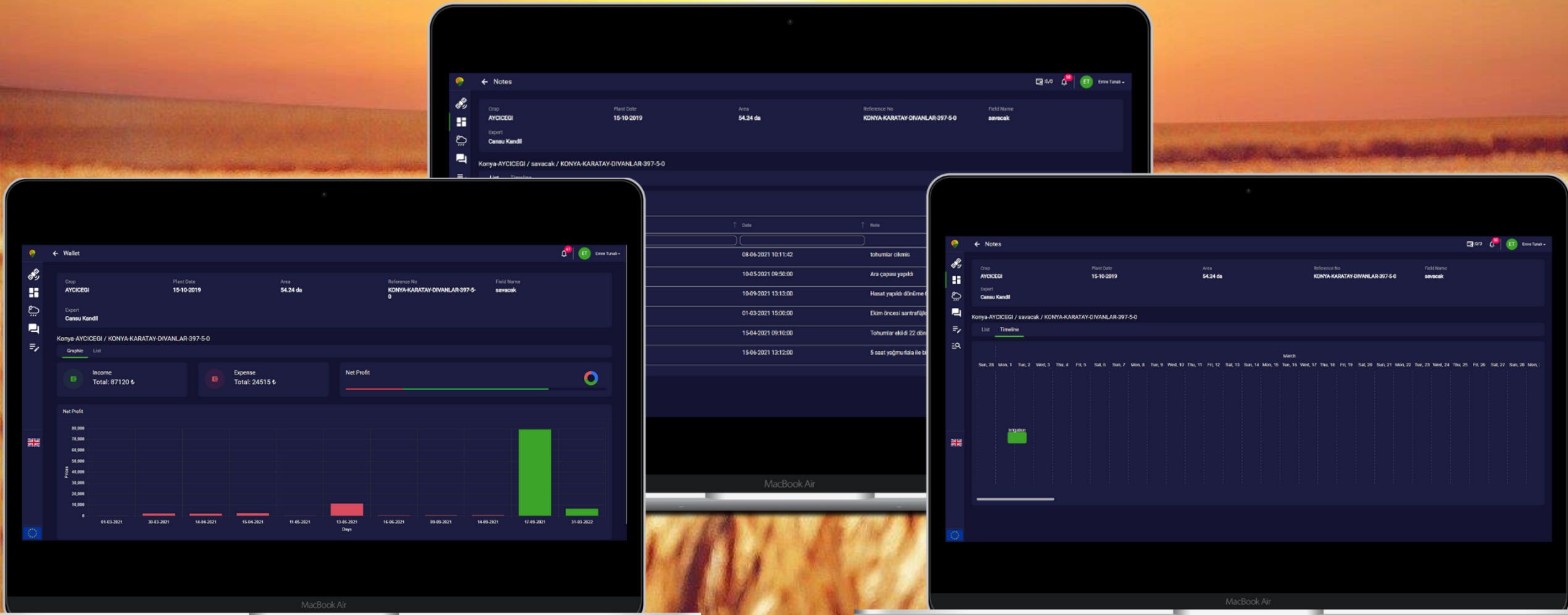
Farmers, you will never walk alone! Through our hotline, we can discover, think, and act together to solve your problems together.

The screenshot shows the 'Ask Expert' mobile application interface. The top bar includes a menu icon, the title 'Ask Expert', a notification bell, and the user's name 'ET Emre Tunali'. The main content area displays a chat conversation with a date '2021-06-07 12:00:00'. The chat includes a photo of a plant stem with a dark, circular lesion, a text message asking for help with a plant health issue, and several expert responses providing advice on soil conditions, irrigation, and plant health management. The interface also features a search bar, a list of recent questions, and a bottom input field for sending messages.



Farm Management

You can plan/control operations of your farm digitally, assign tasks to your field team, track your balance, profit&loss, and return of investments field-by-field over the years.





Own algorithms, own software!

Detect cultivated lands, estimate yield, Audit CAP, control rotation and other contract farming requirements

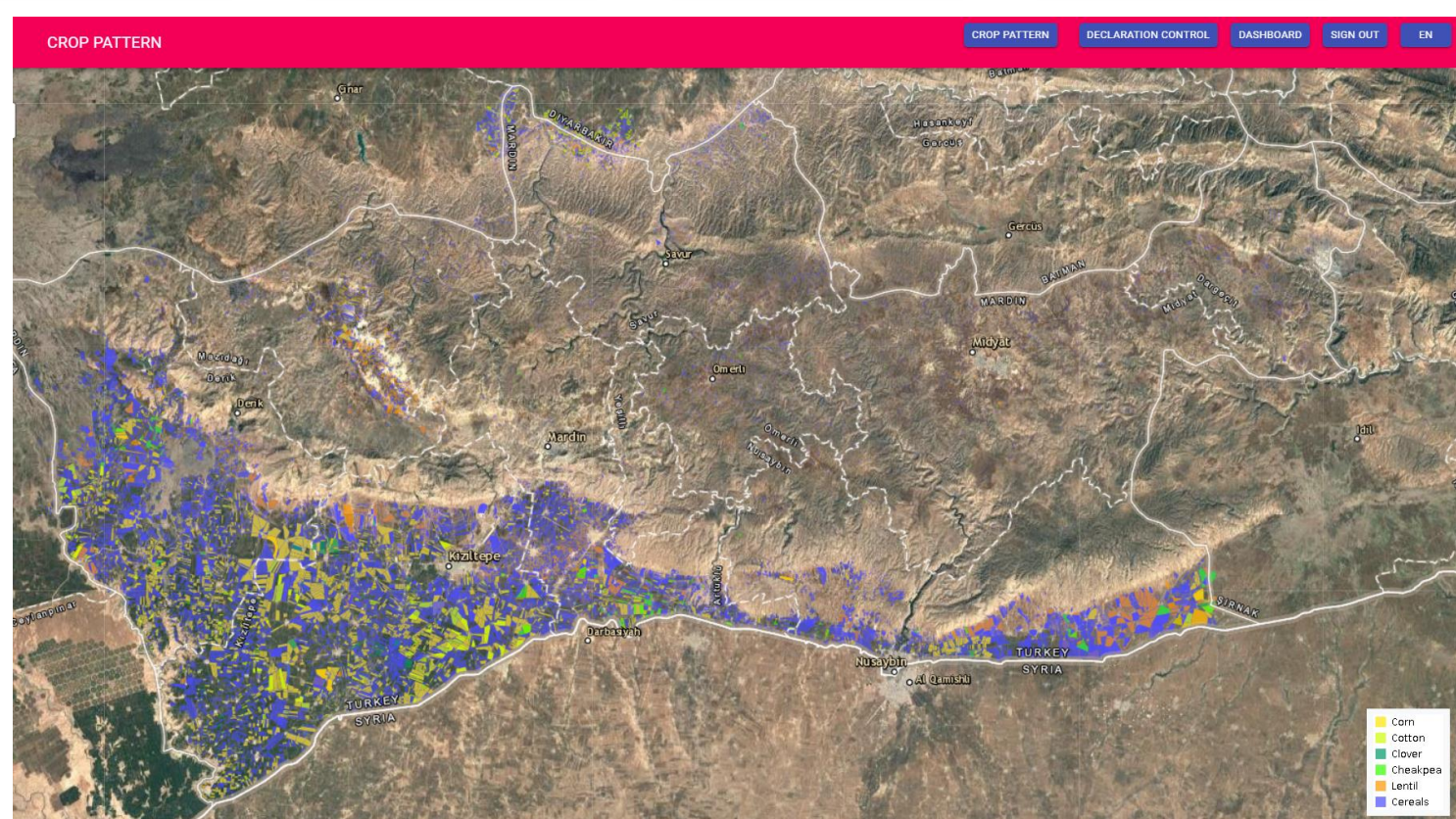
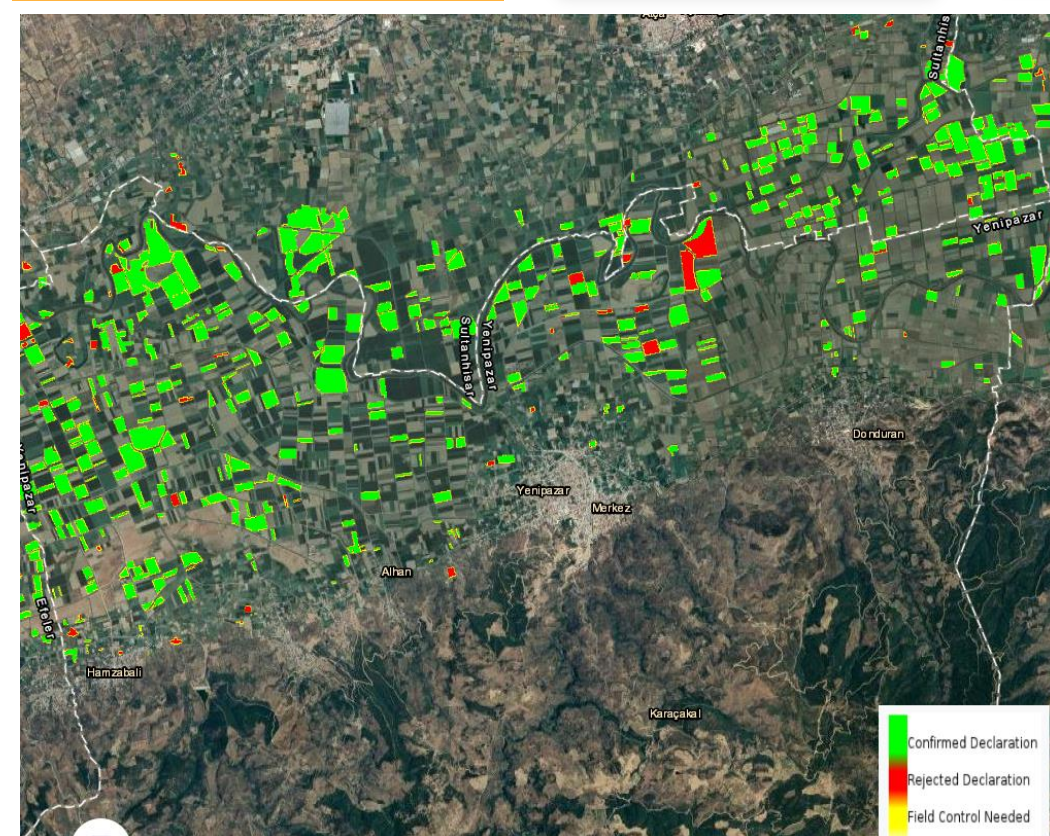
Crop Classification



REPUBLIC OF TURKEY
MINISTRY OF AGRICULTURE
AND FORESTRY

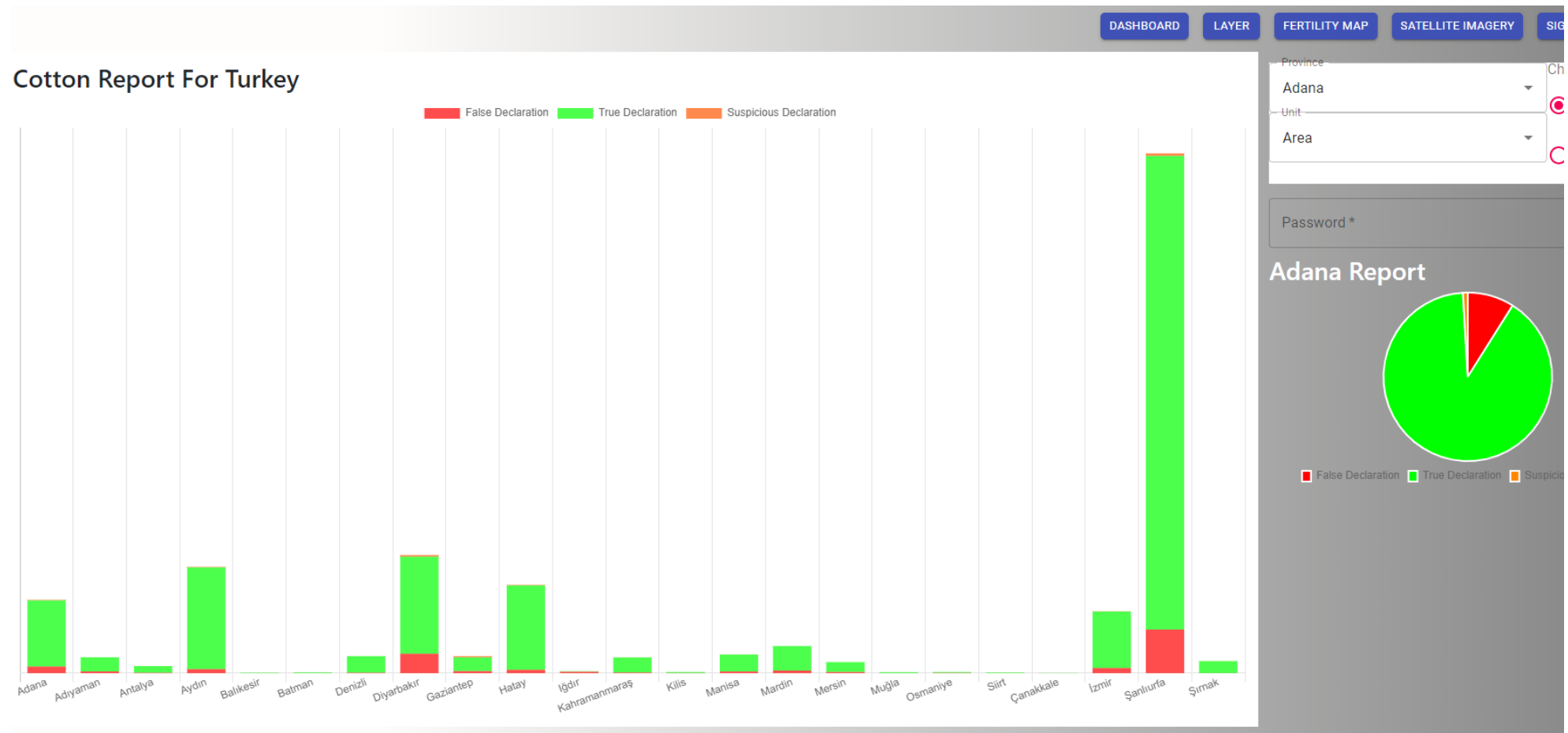


TAGEM



CAP Control

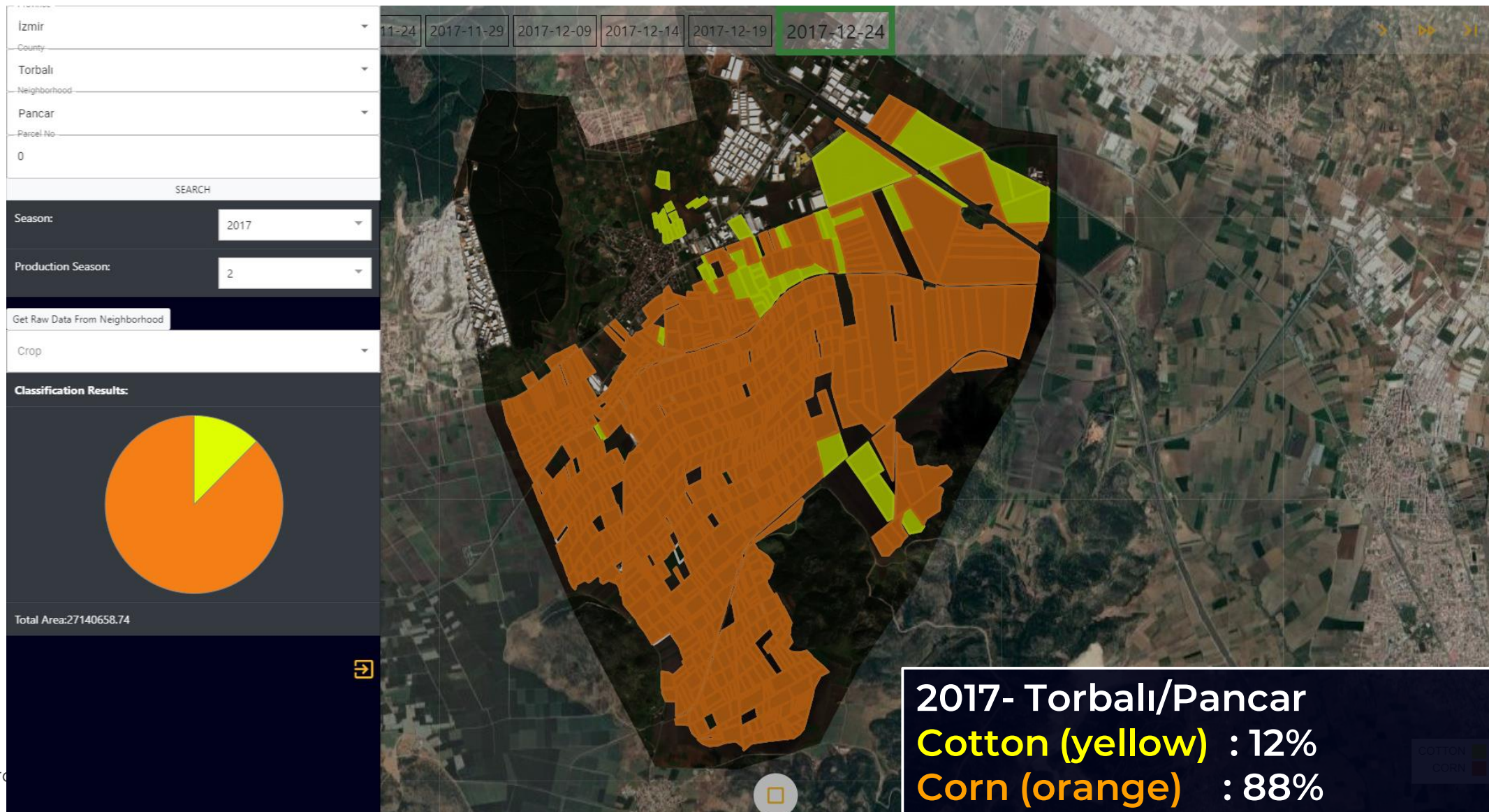
Validate farmers' CAP, see frauds and false declarations, protect taxpayers by fundings farmers who really produce



Province	Total Declaration Area(da)	True Declaration Area(da)	True Declaration Ratio	False Declaration Area(da)	False Declaration Ratio	Suspicious Declaration Area(da)	Suspicious Declaration Ratio
Adana	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX
Adiyaman	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX

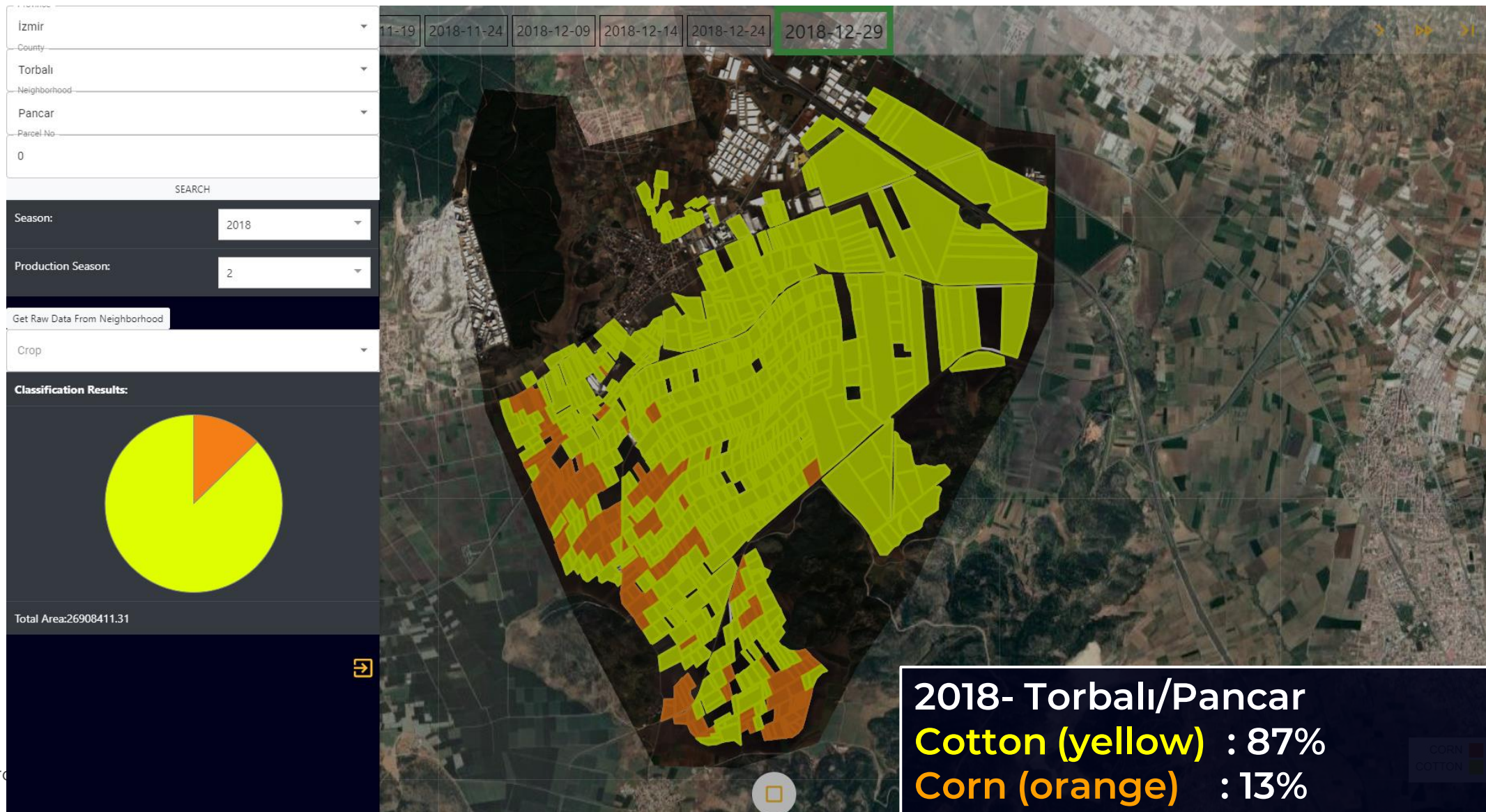
AgSupply Monitoring

Track production changes over years at regional levels.



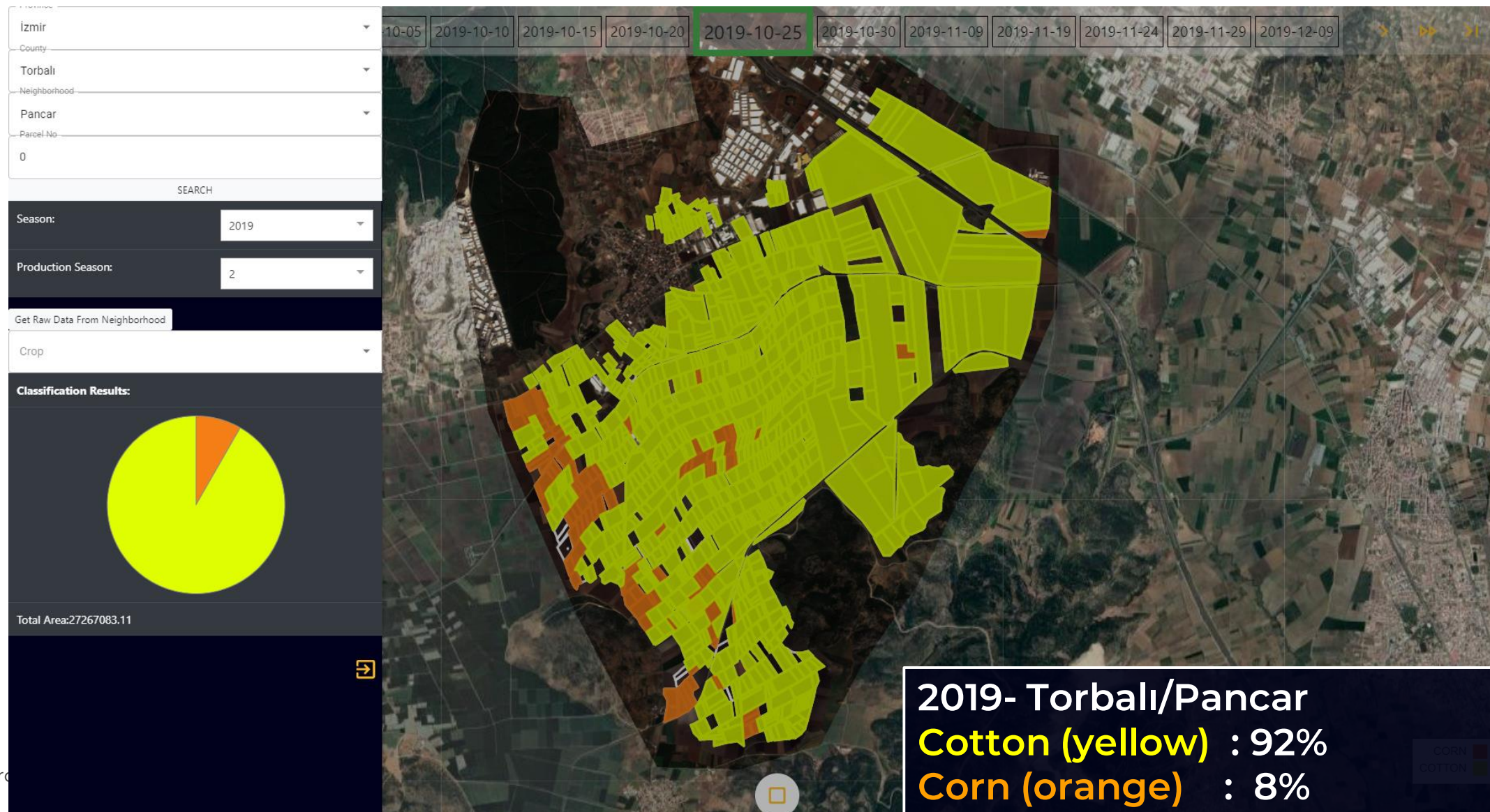
AgSupply Monitoring

Track production changes over years at regional levels.



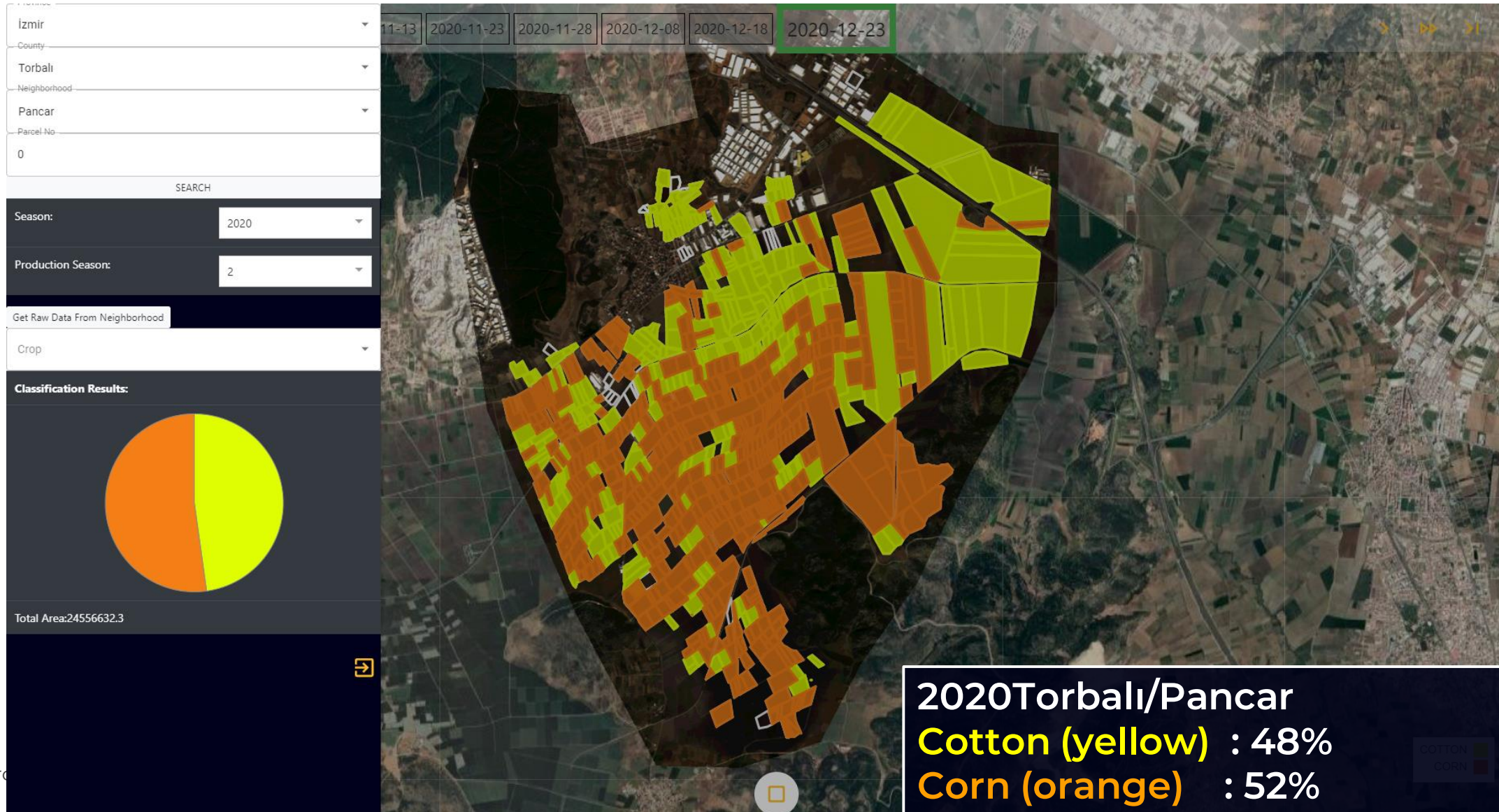
AgSupply Monitoring

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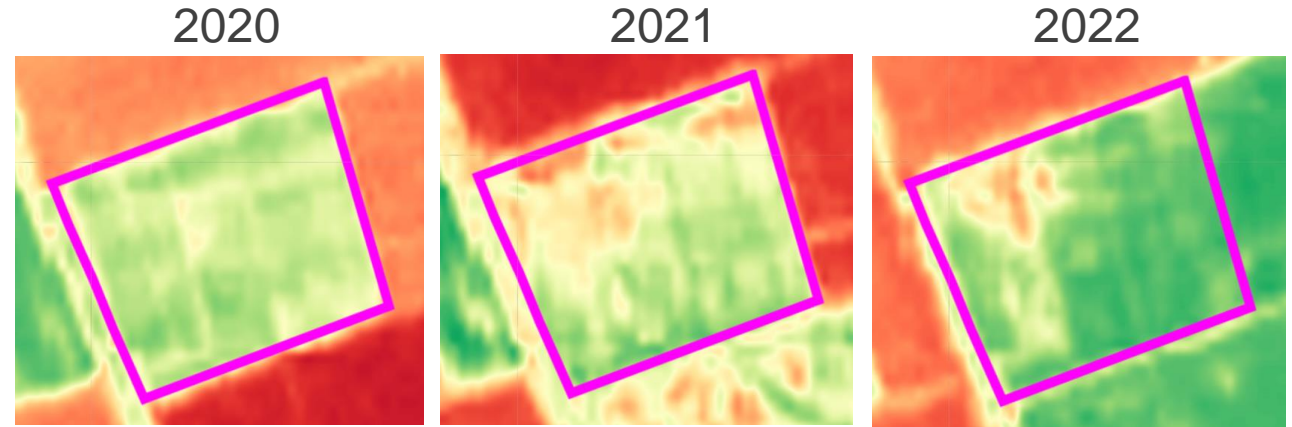
AgSupply Monitoring

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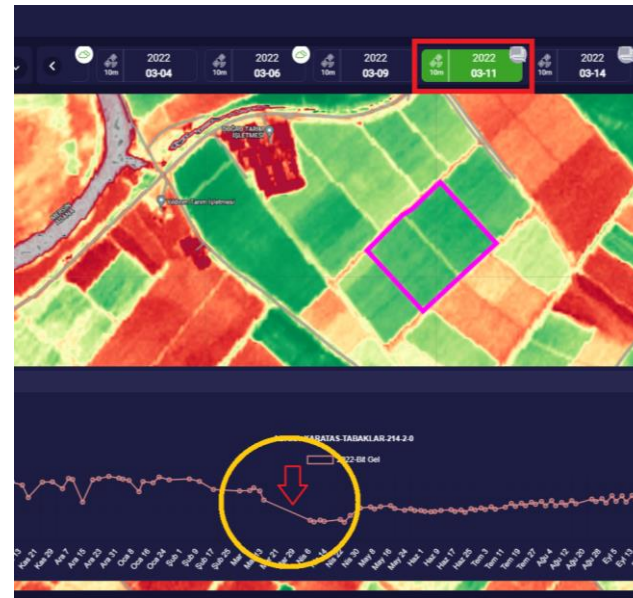


Satellite Based Parametric Insurance

Year-over-year fertility score
Anomali and stress detection
Damage detection (Fire, Frost etc)



Fire Damage



Frost Damage/Before



Frost Damage/After

AWARDS and appreciations



KNOW MORE, EARN MORE..

AGROVISIO IS IN FORWARD FOODING'S "FOODTECH 500" LIST OF 2021

As Agrovisio, we are happy to be selected among the top 500.



For offers, demos and questions, please contact us at info@agrovisio.com.tr.



THE FOODTECH 500 OF AGRIFOODTECH

THE FORTUNE 500 OF AGRIFOODTECH

Inspired by the Fortune 500, Forward Fooding has presented the FoodTech 500, the world's first definitive list of global entrepreneurial talent at the intersection between food, technology and sustainability.

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Big 2021-Reality Show Top 10 International Startups - Agrovisio

Sinan Oz
MSc, 10+ Year Family Farmer

R. Caner Çalık
MSc, 8+ Year ML Expert

Emre Tur
MSc, 8+ Year US, PCT Patent



AGROVISIO HAS BEEN SELECTED AS 5 TOP RISK MANAGEMENT SOLUTIONS IMPACTING AGRICULTURE BY STARTUS INSIGHTS

Out of 198, the Global Startup Heat Map highlights 5 Top Risk Management Solutions impacting Agriculture.

StartUs Insights Discovery Platform covers 2.093.000+ startups & scaleups globally and gives an overview of startups.



15-17 NOV 2022 - BARCELONA | GRAN VIA VENUE

SMARTCITY EXPO WORLD CONGRESS

Energy & Environment Award

Agricultural Field Analysis and Reporting Application
—
Tarimsal Alan Analiz ve Raporlama Uygulaması

Konya Metropolitan Municipality

Awarded to the most innovative and successful projects being implemented and developed in relating to urban environments.



Agrovisio Tarim Bilisim Ltd

seedstars WORLD COMPETITION



techchill Milano

Best Turkey Big Data Startups

BIG DATA <https://datamagazine.co.uk/39-best-turkey-big-data-startups-companies/>



Agrovisio

Crunchbase Website Twitter Facebook LinkedIn



PARSEC ACCELERATOR



BAYER

DFS Finalist



Cisco **Global Problem Solver** Challenge 2022

Happy Customers!

Crop Mapping

“Monitoring cotton fields with **99% accuracy** all over Turkey; you saved **€20 Mn** unlawful subsidiary payment.
Thank you! ”

Republic of Turkey Ministry
of Agriculture and Forestry,
Agricultural Basins and GIS
Unit Coordinator,



Crop Monitoring



“Thanks to the sensitivity of satellite images, our farmers **increase their yields by 20%** while **reducing raw material costs by up to 40%** ”



AGROVISIO

KNOW MORE, EARN MORE

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START FREELY!

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