



AQUAFARM: Advanced Crop Monitoring and Environmental Sustainability in Agriculture

Do you want to optimize your water use, improve sustainability, and predict and react to climate uncertainty in your agricultural operations?

Look no further than Aquafarm!

PROBLEM

Local monitoring is expensive, and monitoring at parcel scale can be cost-prohibitive. Soil and irrigation variability present challenges to understanding the system, undermining growth. And improper connections between planning and operational tasks can impede success and impact.

SOLUTION

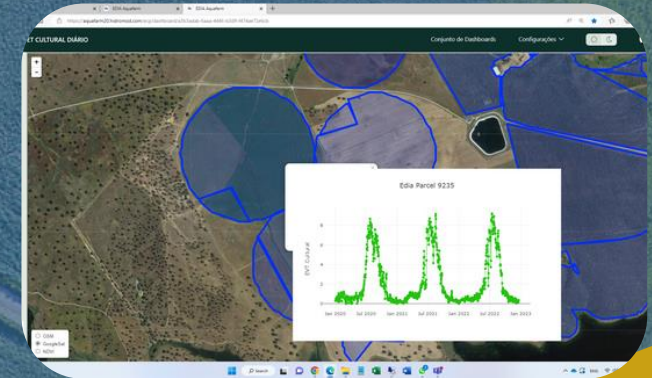
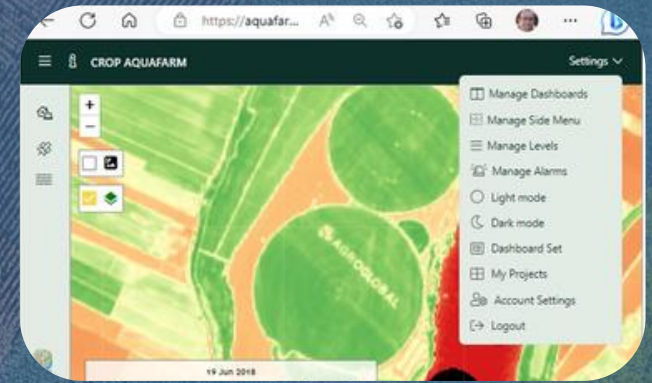
Aquafarm provides water managers, governments, and farmers with digital twins and operational models that allow for transparent, precise water management at the parcel level. Our state-of-the-art numerical modeling and satellite imagery offer reliable and scalable technology for soil characterization and evolution, crop monitoring and prediction, and water balance management. And our online operational results platform provides a space where everyone can see what's happening at the parcel scale.

AUDIENCE

Aquafarm is ideal for agriculture actors, water managers responsible for ensuring efficient and sustainable use of water resources, government agencies responsible for promoting sustainable practices in the agriculture sector, and technical experts responsible for providing support to farmers.

COMPETITIVE ADVANTAGES

- 1 TECHNOLOGY**
Our platform provides real-time insights into crop growth, water usage, and environmental conditions using digital twins and advanced data analytics.
- 2 SCALABILITY**
Aquafarm provides results at the parcel scale, watershed scale, regional scale, and national scale, making it available to all levels of agricultural operations.
- 3 RELATIONSHIPS/PARTNERSHIPS**
We provide access to resources, expertise, and networks that can help customers achieve better results, and all our software is in dockers, meaning any partnership is possible.
- 4 SEAMLESS INTEGRATION**
Our platform integrates organization data, meteorological data, weather forecast data, and numerical model data.



WHY WE'RE HERE

Aquafarm is dedicated to optimizing water use, improving sustainability, and predicting and reacting to climate uncertainty in the agricultural sector.

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For more information, contact us to see how we can help you achieve better results in your agricultural operations.