

Profile

Sector: Agtech

Product/Service Type: Digital

weed mapping platform using artificial intelligence, based on images captured by drones.

Founding date: 11/21/2024

People on the team: 2

Technologies: Drones, artificial intelligence, satellite georeferencing, fullstack web development.

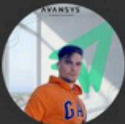
Metrics

- +125 registered users in the first 2 months.
- +1,500 USD in sales generated in the initial stage.
- 1 trade agreement closed with John Deere class dealership world. Without external investment (bootstrapped).
- acceleration programs (Endeavor & Faro Foundation).

Equipment



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We detect weeds with artificial intelligence to apply herbicides only where needed, without modifying the sprayer.

Avansys

develops digital weed maps using drone images and artificial intelligence. These maps enable targeted herbicide applications with conventional sprayers, without the need for modifications or investment in machinery.

Problem and Solution

Today, producers apply herbicides en masse, without knowing exactly where weeds are. This generates high costs, wasted inputs, and an unnecessary environmental impact.

Technologies exist for selective application, but many remain complex, expensive, or require modification of machinery.

Products and Services

Avansys offers a digital platform that generates weed maps from drone images processed with proprietary artificial intelligence.

This allows for selective herbicide applications with conventional machinery, without additional hardware.

The product is marketed under two business models:

B2C:

- direct sales to producers, contractors, and technical advisors.
- B2B2C (white label): licensing of the technology to agricultural dealers and distributors, who integrate it into their service offering.

We complement the platform with training and technical support.

Differential

Avansys offers a simple, cost-effective, ready-to-use solution.

Our main differentials: No investment

- in machinery or additional sensors required.
- Selective applications with the sprayer that the producer already has.
- Intuitive and adaptable platform for both small and large producers.
- White label model for commercial allies such as agricultural dealers.

This approach enables mass adoption without technical or economic barriers, with a direct impact on margins and sustainability.

Main milestones of the company

