

Ac-Planta



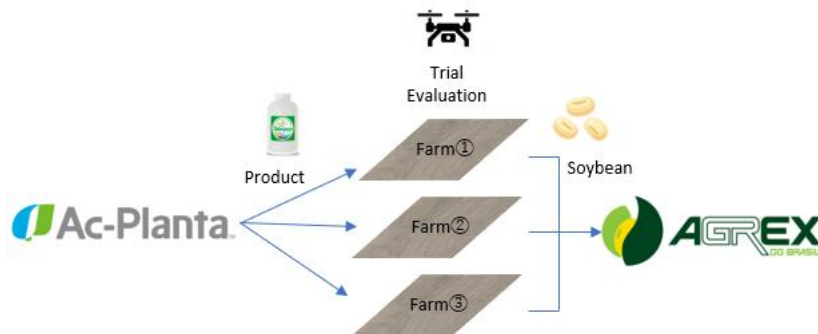
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Project Name

- Demonstration for the introduction of climate change adaptation measures using epigenetics technology in the agricultural sector (Brazil)

Cooperation with Local Companies

Work with Agrex do Brasil, a grain collection and marketing, agro-materials sales, and grain production company, to evaluate the product's yield-increasing effects in field trials.



Address : Tokyo

Employees : 9

Established in : 2018

Business : Research, development, manufacturing and sales of agrochemicals, fertilizers, plant growth regulators and greening-related chemicals

Local Economic / Social Issues

- Brazil's breadbasket regions are severely affected by drought, with a 56% yield loss in Rio Grande do Sul in 2022.
- Self-sufficiency in domestic crop production is declining.

Details of Demonstration

- Establish demonstration plots of biostimulant materials that increase plant tolerance to drought and high temperatures. Differences during growth will be measured by drones to monitor growth and plant stress conditions. Finally, evaluate the product's ability to increase yield under drought and ROI.

Expected Outcome in the future

- Stable agricultural production will be possible even under climate change.
- Reduction in the use of water resources.