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Elicit Plant develops tech platform to improve cropâ??s endurance to be drought resistant

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France based agri-biotech company, Elicit Plant, has successfully demonstrated the effectiveness of its technological platform BEST-a Maize by proving its ability to withstand water stress in field crops.Â

The endurance solution is based on phytosterols and is dedicated to the ecological transition of agriculture. Phytosterols, a molecule of plant origin, enable plants to better resist water stress by stimulating metabolic responses specific to each species.

A 150 field trials carried out in 2022 on an international scale (Europe, North America, South America) by independent operators have highlighted a regular and high performance of the platform solution to reduce the impact of the lack of water on corn crops: 12% productivity gains (+6 quintals per hectare on average).

"Trials were conducted in three continents, with different pedoclimatic characteristics. These results confirm Elicit Plant its ability to favor agroecological transition and to plan for the international market " says Jean-FranÃ§ois DÃ©chant, President and co-founder of Elicit Plant.

Since 2019, Elicit Plant has carried out a total of 500 field trials, with a success rate close to 90%. Over the years, the company has been able to accurately determine the most favorable pedoclimatic, seasonality and formulation parameters for crop profitability.

During the next six months, Elicit Plant is expected to receive an additional 10 million euros through R&D programs, supported by the "France 2030" recovery plan.