Vivent Biosignals and Arvesta announce a strategic partnership to bring AI-driven plant monitoring to Belgium, France and the Netherlands

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Vivent Biosignals, a leading plant intelligence company, announced a strategic partnership with Arvesta, a leading full-service partner for farmers and growers. As exclusive distributor for Belgium and distribution partner for France and the Netherlands, Arvesta will bring Vivent's AI-driven plant monitoring to professional growers in greenhouse horticulture, fruit cultivation and other specialised crops.

The partnership will support farmers to achieve higher returns, use fertilisers and crop protection products more efficiently, and produce food more sustainably. Together, the two companies combine Vivent's plant intelligence technology with Arvesta's profound agronomic and market knowledge.

From reactive to predictive growing

Where traditional monitoring focuses on soil, water and climate measurements, Vivent goes a step further. The technology directly measures the electrical signals from the plant itself. With the help of biosensors and artificial intelligence, these signals are translated into useful insights on stress, nutrient deficiencies, diseases, pests and how a crop responds to cultivation measures. This often happens days before visible symptoms appear.

Real-time insight into crop health helps growers make faster and better-informed decisions on irrigation, fertilisation, climate control and crop protection. Problems can be addressed earlier, inputs used more precisely and yields better protected.



Vivent Biosignals and Arvesta mark the start of their strategic partnership.

A trusted partner for farmers across Europe

Arvesta is a leading Belgian full-service partner for growers, bringing together more than 40 strong brands. With 125 years of agricultural expertise and around 2,300 employees, Arvesta operates across agriculture, horticulture, animal nutrition and retail, combining broad expertise with local knowledge of growers and their crops.

“Growers now have access to more and more data, but lack insight into how the plant itself reacts. Vivent is changing that. This unique technology literally gives the plant a voice. We are proud to now be able to offer this innovation to growers in Belgium, the Netherlands and France,” says **Evy Jacobs, Business Development & Marketing Director at Arvesta.**

Proven in more than 30 countries

Vivent’s technology is already in use in more than 30 countries, by growers, research institutes, seed companies and producers of crop protection products. With Arvesta’s local expertise, Vivent is now expanding further where intensive greenhouse and fruit production demands increasingly precise, data-driven crop management.

“We are thrilled to partner with Arvesta for Belgium, France and the Netherlands. Their strong agronomic expertise and close relationships with growers make them an ideal partner to grow with and bring our technology to some of Europe’s most demanding horticultural markets. Thanks to our AI-native developments, we can quickly adapt to the changing needs of growers worldwide, and together with Arvesta we want to provide even more farmers access to this technology to turn AI into actionable real-time insights,” said **Fernando Derossi, Global CEO and Partner of Vivent Biosignals.**

“Combining Vivent’s plant science and data expertise with Arvesta’s close relationships with growers, we can provide not only advanced AI-based technology, but the support and continuous guidance needed to make it effective in practice. Our technology adds a new layer of information to crop management: the response of the plant itself,” says **Andrzej Kurenda, Chief Scientific Officer, Vivent Biosignals.**

Among those backing the further development and international roll-out of the technology is **Agri Investment Fund (AIF)**, which led Vivent Biosignals’ last round in November of 2025.

“We invested in Vivent because plant-level data enables farmers to make better decisions through unprecedented accuracy and real-time insights, ultimately improving both farm efficiency and resilience. This partnership with Arvesta is a concrete step from innovation to actual adoption in order to support growers in some of Europe’s most demanding production regions,” said **Patrik Haesen, CEO of Agri Investment Fund.**

“Technology alone is not enough. It’s about linking the right measures to the insights provided by the plant itself. Thanks to our many years of expertise, we can guide growers from insight to results,” adds Evy Jacobs.

“Vivent and Arvesta look forward to working together to help farmers make better decisions, protect their yields and achieve a stronger return on investment,” concludes Fernando Derossi.

Vivent Biosignals

About Arvesta

As a full-service partner for agricultural entrepreneurs, Arvesta is a leading player in Belgium, with operations in the Netherlands, France and Germany. With over 2,300 employees and 40 strong brands, Arvesta combines expertise, products, advice and digital solutions to support farmers and horticulturalists in running profitable and sustainable businesses.

About Vivent Biosignals

Vivent Biosignals develops plant-based intelligence technology by capturing and interpreting electrical signals from plants. By transforming plant responses into actionable insights, Vivent Biosignals helps researchers, breeders, and growers better understand plant health, stress responses, and crop performance. Its team of plant scientists, data scientists, and commercial specialists works with controlled-environment growers, agricultural distributors, food processors, and crop protection companies globally to help farmers improve productivity sustainably.

About AIF

Agri Investment Fund BV ("AIF") is the private equity and venture capital fund of the group Boerenbond (Farmers' Union) and wishes through its investments to contribute directly or indirectly to a stronger and more sustainable agriculture and horticulture in Flanders and German speaking Belgium. Its investments have a focus within the Ag-Tech and Agro-Food domains aiming at stimulating innovation and as such helping to build a stronger agriculture of the future, allowing farmers and horticulturists to provide high-quality products at honest prices. More information can be found on www.aifund.be.

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