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AgroFresh extends parnership for AI imaging and orchard analysis with Aerobotics and NeolithicsÂ

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- AgroFresh Solutions, Inc. , a global leader in post-harvest freshness solutions, continues to expand its FreshCloud â?¢ digital ecosystem through two strategic global partnerships. Collaborations with Aerobotics , a leader in orchard and packing plant analytics, and Neolithics â?¢, a pioneer in AI-powered quality inspection, position FreshCloud as the most comprehensive digital platform for quality management of fresh produce and the supply chain in the fruit and vegetable industry.

By aggregating real-time data from multiple sources, FreshCloud offers more options at every stage of the fresh produce supply chain for digitally integrated quality measurements. Leveraging its existing partnerships with sensor innovators Rubens Technologies , Strella , and Escavox , AgroFresh continues to expand its connected sensor platform for post-harvest management. This expanding ecosystem empowers growers, packers, and retailers to make faster, data-driven decisions to reduce waste, improve quality, and increase profit potential.

"AgroFresh is committed to building the most holistic and connected digital platform for fresh produce," said Bradford Warner, Head of Digital Solutions at AgroFresh. "With the integration of partners like Aerobotics and Neolithics, FreshCloud now connects orchard intelligence to the packing center like never before."

Accurate productivity data with TrueFruitÂ® from Aerobotics.

AgroFresh's partnership with Aerobotics integrates several TrueFruitÂ® modules into FreshCloudâ?¢, providing orchard and packing center intelligence powered by AI. Using computer vision and AI-powered analysis of images captured by smartphones, Aerobotics enables growers to:

- To accurately and objectively measure the size, color, and quality of fruits.
- Improve harvest planning with accurate size predictions, imperfection detection, and color-based sorting models.
- Monitor quality with standardized measurements, from the orchard to the packing plant.
- Visualize productivity data in one place for informed decisions that increase packaged volumes by an average of 1-5%, delivering more than 10 times the return on investment for commercial customers.

â??Aerobotics has always focused on empowering growers and packers with highly accurate yield data,â? said James Paterson, CEO of Aerobotics. â??We are excited to partner with AgroFresh, a key leader in our industry, to offer TrueFruitÂ® to more customers and combine the power of our technology with FreshCloudâ?¢. Together, these solutions seamlessly extend orchard insights to the post-harvest stage, providing data continuity and improving decisions across the entire value chain.â?•

State-of-the-art quality control with Neolithics

With Neolithics integrated into AgroFresh's FreshCloud, packers have access to technology that offers quality assurance compatible with the speed and scale of the modern packing plant, transforming inspection into a source of trust rather than risk. Image with Neolithics AI technology:

- It offers high-performance inspection, from one kilogram per minute for berries to more than six tons per hour for avocados, scanning each unit for internal and external quality.
- It measures essential parameters such as Brix, acidity, and dry matter, while detecting hidden internal and surface defects.
- It completes this process without destroying a single piece of fruit, with over 90% accuracy.

"We want to empower customers to protect their products through large-scale, non-destructive quality inspections, reducing waste and creating greater transparency from field to shelf," said Kate Murray, CEO of Neolithics. "We are excited to integrate with AgroFresh and its FreshCloud ecosystem to realize our shared vision of a more sustainable and transparent food chain."