

PRESS RELEASE

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FarmX Launches OrchardPilot: A New Path to Autonomy for Orchards

San Rafael, CA — FarmX, a precision agriculture and robotics company, is excited to announce the launch of OrchardPilot, a new solution bringing accurate autonomous navigation to orchards. This groundbreaking product brings patented Perceptive Navigation® technology to market – a complete vision-based autonomous robotics platform for standalone applications or integration with existing systems.

OrchardPilot's first release brings autosteer to orchard growers. It is universally compatible with all tractor makes and models, easily installed in one day, and is the only autosteer solution tailored for orchards and GPS-denied crops. OrchardPilot is a practical tool to make orchard operations more efficient and safe. Users will see enhanced productivity, reduced driver fatigue, less accidents and equipment costs, and savings of up to \$10,000 annually. It allows users to focus on critical tasks while ensuring that operations run smoothly and efficiently. Upcoming releases of OrchardPilot include speed control, smart implement control, and full autonomy.

Interested growers and industry partners are invited to OrchardPilot field demonstrations throughout California. Attendees will have the opportunity to experience the technology firsthand, ask detailed questions of our technical team, and secure introductory pricing for early 2025. To learn more about OrchardPilot and to register for a demo, visit farmx.ag/orchardpilot.

Perceptive Navigation®, FarmX's autonomy platform, uses feature-based navigation to sense and interact with its environment, much like a skilled human operator. It enables precise navigation (2 inches) without connectivity during missions. On-board sense and compute perceives the vehicle's location with respect to semantic features to maintain global positioning in any environment. This means no GPS, RTK, RF, internet, or other connectivity is needed. The technology has proven applications in the difficult environments - under orchard canopies, in mountainous terrain, near infrastructure, underground, and more.

About FarmX Autonomy:

FarmX Autonomy, the robotics arm of FarmX, Inc., has created true autonomy that can navigate intuitively, like a human. The team brings decades of robotics experience, years of doctoral-level research, and patented technology, with an intentional focus on revolutionizing the way mobile robotics systems sense and navigate. FarmX Autonomy is committed to solving the most difficult navigation, mission planning, and data collection problems using advanced perception and on-board AI to put robotic vehicles in the most dynamic, complicated environments. Learn more at: www.farmx.ag/autonomy.

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