

## **Verdant Robotics Expands Commercial Availability of the SharpShooter to Reduce Labor and Input Costs for Growers Across the U.S.**

Hayward, CA – May 28, 2025 – Verdant Robotics, a leader in precision agriculture technology, today announced the expanded availability of its flagship product, the SharpShooter precision application system, to specialty crop growers nationwide. The accelerated national expansion is in response to the growing demand from specialty crop producers seeking validated solutions for today's farming challenges.

Built on the company's proprietary Aim & Apply technology, the SharpShooter delivers millimeter-accurate applications with 99.9% shot precision across organic, conventional, and no-till crop systems. The system's patented technology uses advanced computer vision and AI to deliver pinpoint inputs – whether weeding, thinning, removing doubles, or applying beneficials – even in high-density crops and unpredictable field conditions. Specialty crop farmers across the U.S., including Jason Gaylord, Farm Manager of My-T Acres in Batavia, New York, are increasingly realizing the value the Sharpshooter brings to their farming operation.

“We've been looking for a way to reduce our reliance on manual weeding without sacrificing precision,” said Gaylord, whose operation specializes in beets, onions, and carrots. “When we were evaluating options, most systems came with trade-offs – limited functionality or too many complexities. What set the SharpShooter apart was its adaptability. Even before putting it to work, we could see how easily it integrates into our operation and how much ground we'll be able to cover without rethinking our whole system.”

### **Proven Performance and Continuous Innovation**

Based on direct grower feedback, Verdant has enhanced the SharpShooter's capabilities, increasing shot rate by 40% and field speed by 42% – delivering up to 270 pinpoint shots per second across more than 20 diverse crop types. These improvements significantly boost productivity while maintaining the system's industry-leading accuracy.

The SharpShooter's 3-D Crop Shield technology allows for targeted applications even under the leaves of crops without causing damage. This unique capability, combined with the system's ability to precisely hit plants ranging from dime-sized to dinner-plate sized and automatically adjust input

volume based on target size, has delivered validated results for growers across the country.

“From the driver’s seat, you see everything in real time – the crop, the weeds, and the machine taking action. The SharpShooter analyzes the data and makes decisions right in front of you,” said Daniel Alameda of TopFlavor Farms, an early SharpShooter adopter. “The SharpShooter is changing the game. What used to take 30 people all day can now be done with one machine and one operator.”

### **Responsive to Grower Needs**

To meet increasing demand, Verdant scaled up production in 2025, now assembling multiple SharpShooter units weekly. These next-generation systems deliver even greater value to growers by addressing their most critical operational challenges.

“Our team is focused on helping growers do more with less,” said Gabe Sibley, Co-Founder and CEO of Verdant Robotics. “Everything we build is designed to solve real problems in the field. That means reducing costs associated with weeding and inputs so growers can redeploy scarce resources elsewhere and thrive in today’s ag economy.”

Verdant’s mission is to transform agriculture with intelligent robotics that improves efficiency, supports regenerative practices, and helps farmers remain resilient in a rapidly evolving landscape. With machines now operating in key growing regions across the country – and delivering significantly reduced labor and input costs for ROI in as little as 6-18 months – the SharpShooter is unlocking a new era of profitability and precision for U.S. specialty growers.

### **About Verdant Robotics**

Verdant Robotics is pioneering the future of precision agriculture through its cutting-edge AI-driven Aim-and-Apply Technology. With a mission to transform agricultural efficiency, the company delivers tangible value to growers while addressing critical industry challenges including labor shortages, rising input costs, and sustainability demands.

The company’s flagship product, the SharpShooter, is the industry’s only precision application system that aims before it applies, delivering

millimeter-accurate weed control, crop thinning, and input application. By drastically reducing chemical usage by up to 99% and labor costs by up to 85%, the SharpShooter enables specialty crop growers to maximize yield, minimize inputs, and achieve rapid ROI.

With a commitment to innovation and grower success, Verdant Robotics is improving operations for growers across conventional, organic, and regenerative farming systems with the goal of building a more sustainable and profitable future for agriculture through intelligent technology. To learn more, visit [www.verdantrobotics.com](http://www.verdantrobotics.com).