

## **Twisted Fields to Showcase Precision Farming Rover at FIRA USA 2024**

Twisted Fields, a robotics research farm on the California coast, is excited to welcome their Precision Farming Rover (PFR), Acorn, to the stage on October 22-24 at FIRA USA 2024, the leading event for autonomous farming and agricultural robotics solutions.

Acorn has been developed to advance modern farming practices and give small and medium-sized farms access to technology that is adaptable to their specific needs and built with repairability in mind. The automated PFR will help commercial farmers establish sustainable food production systems and mitigate farming's damaging effects to the ecosystem by providing remote and continuous opportunities for crop inspection and remediation, as well as planting, seeding, weeding and harvesting. At scale, the PFR will increase yield for commercial farmers, increase access to high-quality produce for the consumer at home and abroad, and reduce reliance on farming practices that harm the environment and health of those working on the land.

As farmers themselves, Twisted Fields has an interesting ability to assess the areas of biggest need for small to medium sized farms. Based on our own farming experience and networking with other farms, the message has been loud and clear: *we need easy to use, affordable technology that we can own, repair, modify, and adapt as necessary.*

Acorn is an autonomous, lightweight, solar-powered platform that will help address many of the aforementioned challenges, but at a fraction of the cost, and with more capabilities than other options. Twisted Fields sets themselves apart from other similar systems due to the cost effectiveness, open source hardware and software, open data architecture, and its modular and reconfigurable structures.

### **About Twisted Fields**

Based in San Gregorio, California, Twisted Fields is dedicated to the advancement of automation in agriculture to allow humanity to farm sustainably— as nature intended— while still meeting the demands of modern agriculture. Twisted Fields specialized in cost-effective, adaptable, and customizable farming rovers that maximize the utility of autonomous technology and give smaller farms access to beneficial technology.

For more information about Twisted Fields, the farm, the technology behind its precision farming rovers, and the latest updates on their research, please visit [www.twistedfields.com](http://www.twistedfields.com). Reach out to them with any questions at [admin@ranchosangregorio.com](mailto:admin@ranchosangregorio.com).

