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Agerpoint secures Meta Catalyst Grant to bring AI-powered smart glasses to agricultural field operations

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Funding will accelerate the deployment of hands-free wearable AI for crop scouting, field data collection, and real-time decision-making across high-value farming operations

Agerpoint is taking wearable artificial intelligence from concept to the farm field after securing Meta's highest-tier AI Glasses Impact Catalyst Grant, a recognition that positions the agricultural technology company at the forefront of next-generation digital farming solutions. The funding will support the development of hands-free spatial intelligence tools that enable agricultural workers to collect field data, monitor crop conditions, and receive real-time operational insights through AI-enabled smart glasses.

The grant places Agerpoint among a select group of organizations chosen by Meta to develop wearable AI technologies capable of delivering measurable economic and societal impact. By receiving the program's Catalyst Grant—the initiative's highest level of support—the company will accelerate the integration of wearable computing into agricultural workflows, where labor shortages, rising production costs, and increasing demand for operational efficiency continue to reshape farm management.

The initiative builds on Agerpoint's existing spatial intelligence platform, extending its mobile and cloud-based capabilities into wearable devices powered by Meta's Wearables Device Access Toolkit. Rather than relying on handheld devices, agricultural workers will be able to capture observations, record field conditions, and log operational data through voice commands while remaining fully engaged in field activities. The system is also designed to provide immediate AI-driven feedback, allowing growers and farm managers to shorten the time between field observations and management decisions.

According to the company, wearable-generated information will complement data already collected from agricultural machinery, remote sensors, aerial imagery, and farm management platforms. Integrating these multiple data streams is expected to create a more comprehensive picture of field conditions, enabling growers to make faster and more informed decisions while improving the accuracy of precision agriculture practices.

Agerpoint believes the technology arrives at a critical moment for global agriculture as producers face mounting labor constraints alongside growing pressure to improve productivity. Hands-free digital tools can reduce administrative burdens on field workers while increasing the speed and consistency of crop monitoring, particularly in labor-intensive production systems where timely observations directly influence yield and quality.

The company's first commercial pilot programs will focus on California's permanent crop sector, including vineyards, berry farms, and tree fruit orchards. These high-value cropping systems generate tens of billions of dollars annually and depend heavily on skilled field labor, making them an ideal testing ground for wearable AI technologies designed to improve workforce efficiency and operational precision.

Beyond the funding itself, the award also provides Agerpoint with continued participation in the Meta Wearables Community, a collaborative ecosystem of developers, researchers, and technology innovators working to advance practical applications of wearable computing across multiple industries. The partnership is expected to accelerate product development while giving the company access to emerging hardware capabilities and collaborative research opportunities.

The grant reflects a broader trend in precision agriculture, where artificial intelligence is increasingly moving beyond software dashboards and autonomous machinery into wearable technologies that place actionable intelligence directly in the hands—or, in this case, the line of sight—of field workers. As farms generate larger volumes of operational data, wearable AI is emerging as a new interface for connecting workers with real-time agronomic insights without interrupting day-to-day operations.

For Agerpoint, the Meta Catalyst Grant represents more than financial support. It signals growing confidence that wearable AI can become a practical productivity tool for modern agriculture, helping producers bridge labor gaps, improve field-level data collection, and transform how critical decisions are made across high-value crop production systems.