IoThinkTank | IOT AWARDS

SUSTAINABILITY, HEALTH & AG

IoT AgTech Advancement Award

Cultivating the Future of Smart Agriculture

ENTRY GUIDE

Award details, dates, and past winners: iothinktank.com/iot-agtech-advancement-award/



About the award

The IoT AgTech Advancement Award honors innovation that transforms how we grow, manage, and sustain agricultural systems through connected technology. In a time when growers face unpredictable weather, rising input costs, labor constraints, and pressure to produce more with fewer resources, this award recognizes solutions that bring greater clarity, efficiency, and intelligence to the field.

AgTech innovation can take many forms, from connected sensors and imagery platforms to equipment intelligence, irrigation optimization, livestock monitoring, field analytics, autonomous systems, and AI-powered agronomic decision support. The strongest entries demonstrate how IoT helps agricultural teams detect issues earlier, optimize inputs, protect yield, improve sustainability, and make better decisions across acres, crops, seasons, and operating environments.

This award highlights practical technologies that are built for real-world agricultural conditions. Whether deployed by growers, agronomists, advisors, cooperatives, equipment teams, or research organizations, winning solutions show how connected data can turn complex field conditions into actionable insight and measurable agricultural impact.

Why IoT matters for agriculture

Agriculture runs on timing, conditions, and decisions that often have to be made before problems are visible. IoT helps close that gap by delivering real-time visibility across soil, weather, equipment, irrigation, crop health, and field performance. With better data and faster feedback loops, teams can reduce waste, optimize inputs, protect yield, and improve sustainability across the entire growing cycle.

Connected technologies also make it possible to understand field variability at a more precise level. Instead of relying only on broad averages or delayed observations, growers and advisors can identify patterns, prioritize interventions, and make decisions based on current conditions, historical performance, and measurable outcomes.

Who should enter

- AgTech platforms and software teams
- Sensor, imagery, and monitoring solution builders
- Farm operations and equipment technology teams
- Grower networks and deployment partners
- Precision agriculture and analytics providers
- Irrigation and water optimization innovators
- Research groups and agronomy organizations

Entries are welcome from organizations developing or deploying IoT solutions that improve productivity, efficiency, sustainability, and decision making across agricultural environments.

What to include

Describe the agricultural challenge, the connected technology, the deployment environment, and how data supports better field, farm, or livestock decisions. Explain the solution's technical approach, implementation maturity, integrations, scale, security, reliability, and practical value.

- Quantified improvements in yield, water use, input reduction, labor efficiency, animal health, equipment uptime, loss prevention, resilience, or profitability
- Deployment details, including locations, devices, users, systems, operating conditions, and implementation timeline
- Customer, client, or end-user identification when the entry relies on a real-world deployment
- Supporting evidence, including case studies, performance data, dashboards, customer validation, images, videos, technical documents, or information URLs
- Any confidentiality, regulatory, embargo, or publicity restrictions

Supporting collateral should make the entry easier to verify and evaluate. Include the strongest evidence available, and clearly distinguish measured results from estimates, projections, or planned outcomes.

Eligibility

The award is open to organizations and individuals developing or deploying connected technologies in farms, ranches, greenhouses, orchards, vineyards, controlled environments, agricultural equipment fleets, and food production networks. Commercial products, platforms, public-sector programs, research-led deployments, pilots, and customer implementations are eligible when the entry includes enough evidence for meaningful evaluation.

Submitted work should be active, deployed, launched, or meaningfully advanced during the current awards cycle. Entrants may submit their own solution or a customer deployment with appropriate authorization.

Each product, platform, deployment, or project requires a separate submission and entry fee.

How it's judged

Every entry is scored out of 100 on five criteria. This award uses the Product & Technology weighting, so evidence of real-world results counts most.

Innovation & Differentiation	25
Evidence & Measurable Impact	35
Execution & Scalability	25
Category Fit	10
Leadership & Industry Contribution	5

For this award, judges look for

- Impact: measurable improvements in yield, efficiency, sustainability, cost reduction, risk management, or operational performance
- Innovation: technical advancement, unique approach, differentiated capability, or new model for agricultural intelligence
- Real-world deployment: validated pilots, commercial adoption, field performance, or proven use in agricultural environments
- Scalability: ability to expand across farms, crops, regions, seasons, advisors, or grower networks
- Usability: clear workflows, actionable insights, practical adoption, and value for agricultural decision makers
- Data and insight quality: accuracy, relevance, timeliness, and decision support value

Tips for a strong entry

Lead with the problem and the result.

Open with what wasn't working and what changed because of your solution. Judges should know why it matters by the end of your first paragraph.

Put numbers on it.

Evidence carries the most weight in scoring. Give before-and-after figures, and say which results are measured and which are estimates.

Name the customer.

A real deployment with a named customer is the strongest proof you can offer. If the name can't be published, tell us in writing when you submit.

Show it working.

Case studies, dashboards, screenshots, short videos, and technical documents help judges verify what you describe.

Write for this award.

Explain why your work fits this category specifically. A strong entry for one award can score poorly in another if the fit isn't clear.

Keep it tight.

Clear, specific answers beat long ones. Cut anything that doesn't help a judge understand the solution or its results.

How to enter

1. **Prepare your entry.** Gather the required organization, contact, product, deployment, and supporting information before beginning the application.
2. **Complete the application.** Describe the solution, connected technology, deployment environment, integrations, measurable outcomes, and supporting evidence.
3. **Submit payment.** The entry fee is charged when the application is submitted. Entries are not complete until payment is received.

You can save a draft and finish it anytime before the deadline. Deadlines close at 11:59 pm Pacific.

Current dates and fees

Entry dates and fees change each cycle. Find them, and get an email when entries open, on the award page.

iothinktank.com/iot-agtech-advancement-award/

Past winners

2026 WINNER

Intelinair

Intelinair won the 2026 IoT AgTech Advancement Award for AGMRI, its AI-powered agronomic intelligence platform that helps farmers, agronomists, and advisors turn complex field data into faster, more actionable decisions. This marks Intelinair's second consecutive win in the category.

2025 WINNER

Intelinair

Intelinair was named the 2025 IoT AgTech Advancement Award winner for AGMRI, an Intelligent Agronomic Imagery and Insights Platform that combines IoT, aerial imagery, and machine learning to deliver real-time, field-specific agronomic intelligence.

2024 WINNER

Arable

Arable earned the 2024 IoT AgTech Advancement Award for its Mark 3 device, which combines weather, plant, and soil sensing with irrigation monitoring and contextual crop images in one rugged platform.

What winners get

- Recognition across IoThinkTank digital channels
- Official winner badge
- Dedicated winners page and newsroom coverage
- Visibility within the broader IoT and AgTech community

Entry fees are charged at submission and are non-refundable. Customer or client identity should be included in your submission. If you need names excluded from public materials, notify us in writing at the time of submission. By submitting, you agree to the Submission Guidelines, Privacy Policy, and Terms and Conditions. IoThinkTank Awards are independent and unaffiliated with other award programs. Questions? Contact awards@iothinktank.com.