GATTON AGTECH SHOWCASE 2025

OFFICIAL DIRECTORY

15-16 OCTOBER **2025**

GATTON SMART FARM

Brought to you by:

Hort Innovation VEGETABLE FUND

Hort Innovation ONION FUND

DELIVERING FOR QUEENSLAND | Queensland Government

Welcome

From Department of Primary Industries

Hon Tony Perrett, MP
MINISTER FOR PRIMARY INDUSTRIES
MEMBER FOR GYMPIE

I am pleased to welcome you to the Gatton AgTech Showcase. Held at the Gatton Smart Farm, the showcase is a shining example of how government and industry are working together for a prosperous future.

The extraordinary opportunities of emerging AgTech and innovations to grow and boost profitability and productivity are a key focus of our Primary Industries Prosper 2050 blueprint.

Delivered as part of the Department of Primary Industries' Gatton Smart Farm initiative, the showcase offers an opportunity for growers to see new global AgTech in action and talk to manufacturers about adopting these technologies to increase productivity and profitability.

This year's showcase marks an important milestone with the opening of the Protected Cropping Centre for Mild Winter Climates. This investment in protected cropping research, development, and extension will see us work alongside industry, growers, and supply chains to supercharge development of high-value products for domestic and export markets.

It's testament to the power of innovation to transform industries and deliver real-world benefits for growers and supply chains alike.

The showcase also allows us to work with industry and the AgTech community to drive the future skills requirements for Queensland's agricultural workforce and build the jobs of the future.

This will ensure industry stays at the forefront of technology development and adoption, helping us achieve our goal of boosting Queensland's primary industries production output to $30 billion by 2030.

I encourage you to explore the world-class line-up of speakers, in-field demonstrations, and more than 80 exhibitors showcasing the very best in AgTech and protected cropping.

Enjoy the showcase.

From Hort Innovation

Brett Fifield | CEO
HORT INNOVATION

It is a pleasure to welcome you to the Gatton AgTech Showcase for 2025. Increasing productivity is one of the biggest opportunities for the horticulture sector. Hort Innovation and the Centre for International Economics have recently released a report into the factors driving productivity which revealed that high adoption of productivity enhancing innovation would benefit the Australian industry by about $1 billion annually in additional value added, reaching $22 billion in 2040.

The report also revealed a number of drivers that will accelerate productivity, of which automation and mechanisation were one. This week at the Gatton AgTech Showcase, growers and industry will be given the opportunity to see productivity solutions in action and have real conversations about what the tech on display could offer for their farms.

Autonomous technology is at the forefront of horticultural innovation and is transforming growers' lives when tackling ongoing issues around labour costs and shortages, so we're thrilled to be supporting the event through the vegetable and onion research and development levies.

This week is all about helping find global productivity solutions for Australian growers and bringing them into our backyard, so take advantage, ask questions, and see what solutions might be the right fit for you.

Welcome

From National Farmers Federation

Jolyon Burnett | Chair
NFF HORTICULTURE COUNCIL

It is a privilege to welcome you to the Gatton AgTech Showcase 2025, the final stop of the inaugural National Horticulture Roadshow.

This Roadshow has traversed the country showcasing excellence in thinking, practice and technology, delivered by the NFF Horticulture Council with support from the Department of Agriculture, Fisheries and Forestry.

Gatton provides a fitting finale, highlighting the ingenuity, resilience and ambition that define Australia's horticulture sector.

Technology and innovation are central to our future. From precision growing systems and data-driven supply chains to robotics and advanced genetics, AgTech is transforming how we grow, pack and deliver fresh produce. These tools are about empowering our people – lifting productivity, improving sustainability, and building businesses that can thrive in competitive markets.

The NFF Horticulture Council is committed to ensuring growers have the right policy settings, workforce support and investment environment to adopt and scale new technologies. Achieving this requires collaboration across industry, research, government and the AgTech community.

This Showcase offers a valuable opportunity to see innovation in action, share knowledge, and inspire the next generation of growers, entrepreneurs and researchers. Together, we can shape a horticulture industry that is profitable, sustainable and connected for the future.

Brought to you by:

Hort Innovation VEGETABLE FUND
Hort Innovation ONION FUND
DELIVERING FOR QUEENSLAND | Queensland Government
AUSTRALIAN Agritech ASSOCIATION
National Farmers Federation | Horticulture Council
Australian Government Department of Agriculture, Fisheries and Forestry
National Horticulture Road Show
AUSVEG

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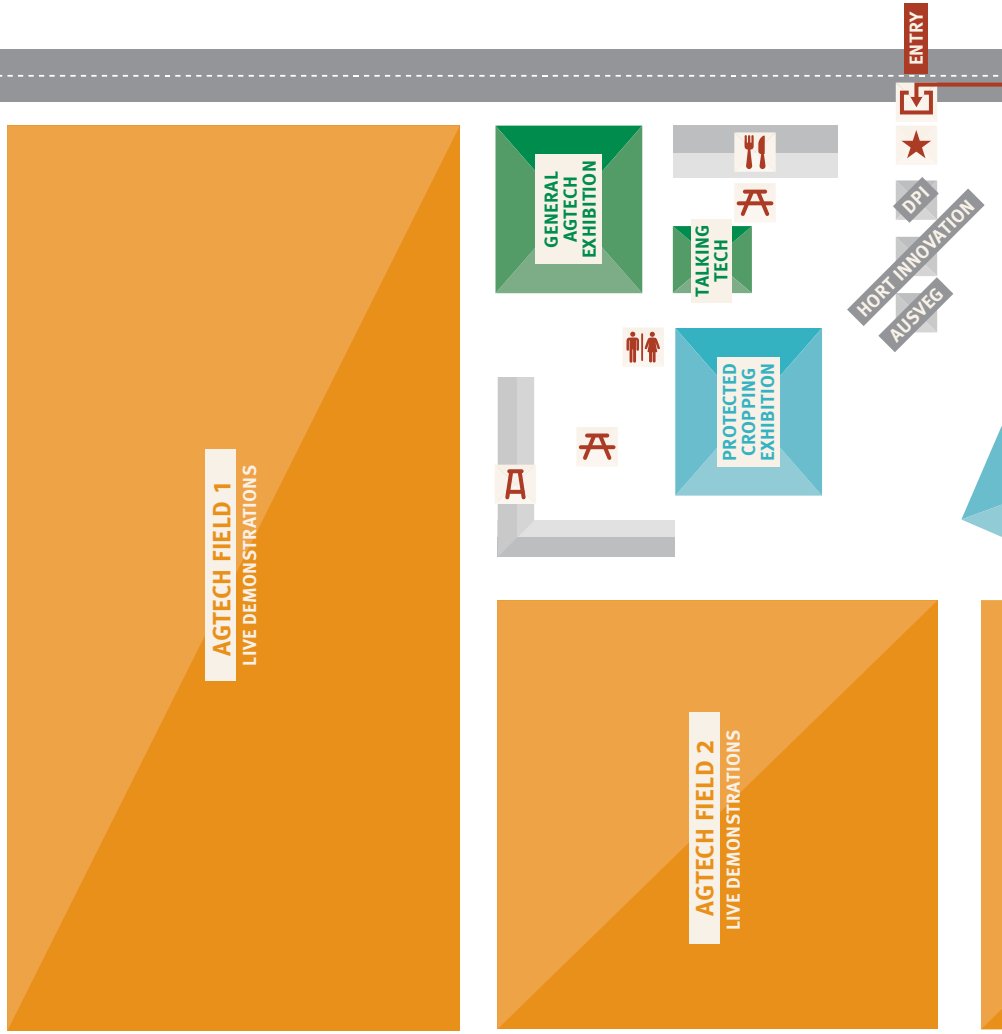

JOHN HOWIE MEMORIAL DRIVE

PARKING

PROTECTED CROPPING DEMONSTRATIONS

DRONE HUB
LIVE DEMONSTRATIONS

- REGISTRATION POINT
- FIRST AID STATION
- FOOD STALLS
- TOILETS
- ENTRY
- EMERGENCY ACCESS GATE
- PICNIC TABLES
- LIVE EXHIBITOR REST AREA

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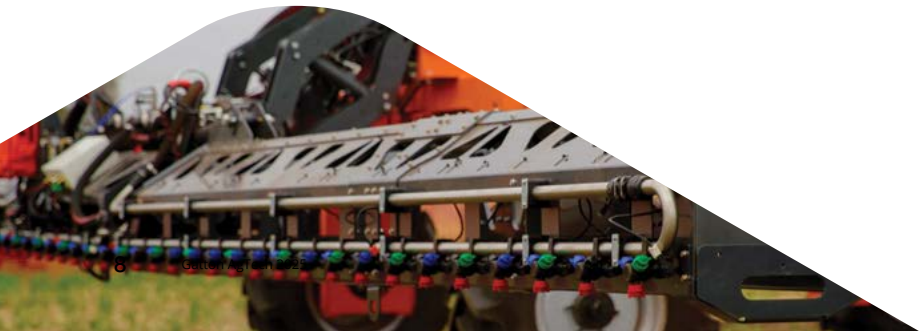
AgTech Showcase Program

Wednesday
15 OCTOBER

	DAY ONE	
8:30	Showcase and Exhibitions opens	
8:45	Speaking Program opens – Proudly supported by AusAgritech TALKING TECH	
9:00	Live Demo Field Program opens AGTECH FIELD 1 & 2 & DRONE HUB	
10:15-11:00	Opening of Gatton AgTech Showcase and launch of Protected Cropping Centre for Mild Winter Climates PROTECTED CROPPING EXHIBITION	
12:15	Protected Cropping Speaking Program opens PROTECTED CROPPING EXHIBITION	
4:00	Protected Cropping Speaking Program closes PROTECTED CROPPING EXHIBITION	
5:00	Showcase and Exhibitions closes	
5:00-7:00	Sundowner – Proudly supported by SPAA PROTECTED CROPPING EXHIBITION	

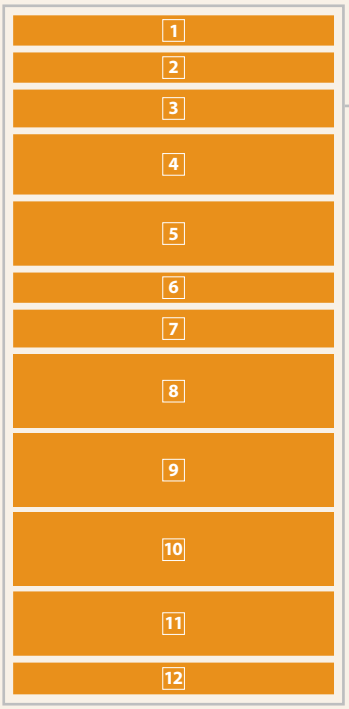


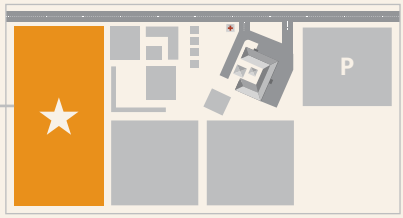
Thursday
16 OCTOBER

	DAY TWO
8:30	Showcase and Exhibitions opens
8:45	Speaking Program opens – Proudly supported by AusAgritech TALKING TECH
9:00	Live Demo Field Program opens AGTECH FIELD 1 & 2 & DRONE HUB
9:30	Protected Cropping Speaking Program opens PROTECTED CROPPING EXHIBITION
2:15	Protected Cropping Speaking Program closes PROTECTED CROPPING EXHIBITION
3:00	Speaking Program closes TALKING TECH
5:00	Showcase and Exhibitions closes

Live Demonstration Maps

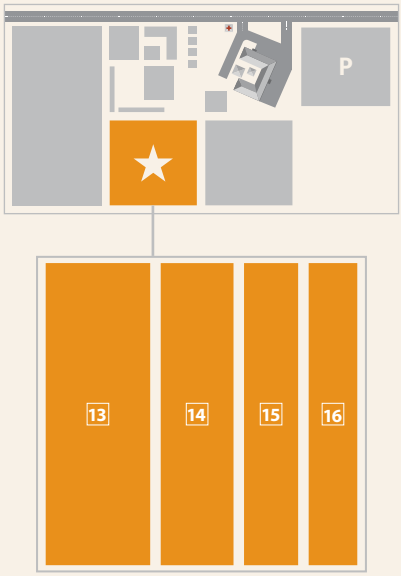
AGTECH FIELD 1





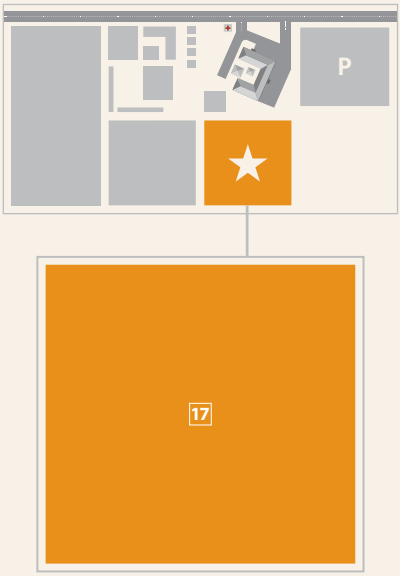
1. CropVue Technologies
2. Polybee
3. Carbon Robotics
4. RDO Equipment and Ecorobotix
5. Farm Concepts Robotti
6. AVIAVO
   Agri Automation Australia
   CropVue Technologies
7. Teramax
8. Feldklasse
9. Flux
10. SwarmFarm Robotics
11. Farmtech FarmDroid
12. MagrowTec

AGTECH FIELD 2



13. Landpower Vegetable Centre
14. Applied Horticultural Research (AHR) and RM Consulting Group
15. Croplands Equipment Pty Ltd
16. Agovor

DRONE HUB



17. SkyKelpie
    Precision Ag Services
    Polybee

Live Demonstration Program

Wednesday
15 OCTOBER

AGTECH FIELD 1 | AGTECH FIELD 2 | DRONE HUB

= Location

	SESSION 1	SESSION 2	SESSION 3
9:00-9:30	3 Carbon Robotics: G2 LaserWeeder	12 MagrowTec: Advanced spray technology	6 Agri Automation Aus: Burro Grande autonomous carrier
9:30-10:00	4 RDO: Ecorobotix ARA sprayer	11 FarmTech: FarmDroid seeder & weeder	15 Croplands: Kilter AX-1 autonomous sprayer
10:00-10:30	5 Farm Concepts: Robotti autonomous carrier	10 SwarmFarm: Autonomous mower	16 Agovor: Govor autonomous carrier
10:30-11:00	Post demonstration discussions		
11:00-11:30	9 Flux: Autonomous advanced sprayer	6 Aviavo: MQ autonomous sprayer	17 Polybee: Drone imaging/data analysis
11:30-12:00	7 Teramax: Compostable mulch	14 Soil Wealth ICP: Cover crops	17 Precision Ag: Spray drone
12:00-12:30	8 Field Capacity/Feldklasse: Mechanical weeders	13 Landpower: AgXeed autonomous tractor	17 SkyKelpie: DJL T100 drone
12:30-1:00	Post demonstration discussions		
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2:30-3:00	Post demonstration discussions		
3:00-3:30	9 Flux: Autonomous advanced sprayer	6 Aviavo: MQ autonomous sprayer	17 Polybee: Drone imaging/data analysis
3:30-4:00	7 Teramax: Compostable mulch	14 Soil Wealth ICP: Cover crops	17 Precision Ag: Spray drone
4:00-4:30	8 Field Capacity/Feldklasse: Mechanical weeders	13 Landpower: AgXeed autonomous tractor	17 SkyKelpie: DJL T100 drone
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Live Demonstration Exhibitors

AgTech Field 2 | Block 16

AGOVOR – Govor

Year of creation: 2022 | **Country:** New Zealand

Core business: AGOVOR delivers fleets of compact, electric autonomous tractors with modular attachments that cut labour, fuel, and emissions for specialty crop growers

Sales email contact: Richard Beaumont- info@agovor.com

Website: www.agovor.com

Tech Readiness Level*: 9

Level of development: In market

Number of units in service: 5

Price: $40,000 for the e-Tractor $20,000 for the e-Mower

Crop type/s: Specialty crops. Berries, grapes, apples, cherries etc

Business model: Direct to customer

Main functionality: Towing, mowing and weed spraying

Power: Electric

Net weight: 120kg for e-tractor

Productivity: 90% reduction in labour and energy costs

Connections: Towball and plug

Ongoing costs: Sub $4000pa for e-Tractor

AGRI AUTOMATION
Grow Smarter

AgTech Field 1 | Block 6

Agri Automation Australia – Burro Grande

Year of creation: 2019 | **Country:** Various

Core business: Agricultural Autonomy & Robotics Solutions

Sales email contact: Cam Clifford-sales@agriautomation.com.au

Website: www.agriautomation.com.au

Autonomous carriers

Tech Readiness Level*: 7

Level of development: Commercial

Number of units in service: 250+

Price: Varies to unit

Crop type/s: Varied crops

Business model: Direct to customer

Main functionality: Automating repetitive tasks such as towing, mowing, spraying, herbiciding, UVC application for mildew control, horticultural transport automation

Power: Electric & Diesel Solutions

Net weight: Various

Productivity: Various

Connections: Varies

Ongoing costs: Capital & Subscription Models

*Tech Readiness Level: 1-3 = Research phase, 4-6 = Development phase, 7-9 = Deployment phase

Live Demonstration Exhibitors

AgTech Field 1 | Block 6

AVIAVO – MQ Autonomous Sprayer

Year of creation: 2019 | **Country:** Australia

Core business: Autonomous Vehicle in Agriculture

Sales email contact: Anthony Aw- Anthony@aviavo.com.au

Website: www.mqagritech.com.au

Autonomous carriers

Tech Readiness Level*: 5

Level of development: Ready product on market

Number of units in service: 60

Price: From $29,000

Crop type/s: Vine, Berries, Soft fruits, Vegetables

Business model: Direct to growers

Main functionality: Crops sprayer

Power: Electric

Net weight: 300kg

Productivity: 3 acres per hr / approx. 30% reduction in chemical usage

Connections: N/A

Ongoing costs: Nil

AgTech Field 1 | Block 3

Carbon Robotics – LaserWeeder

Year of creation: 2018 | **Country:** USA

Core business: The LaserWeeder by Carbon Robotics cuts weed control costs by 80%, boosts crop yield and quality, and supports sustainable farming

Sales email contact: Sam Webster-samw@carbonrobotics.com

Website: www.carbonrobotics.com

Mechanical weeders

Tech Readiness Level*: 9

Level of development: Publicly for sale

Number of units in service: 150+

Price: $520K+ USD

Crop type/s: Specialty vegetable, herbs

Business model: Direct to customer

Main functionality: LaserWeeder combines computer vision, AI/deep learning technology, robotics, and lasers to identify crops versus weeds - and shoots the weeds with lasers

Power: Diesel

Net weight: 2109-3266 kg

Productivity: Cuts weed control costs up to 80%

Connections: Front PTO, CAT 3- 3 point hitch

Ongoing costs: Hardware and software service plans

*Tech Readiness Level: 1-3 = Research phase, 4-6 = Development phase, 7-9 = Deployment phase

Live Demonstration Exhibitors

CROPLANDS

AgTech Field 2 | Block 15

Croplands Equipment Pty Ltd – Kilter AX-1

Year of creation: 1972 | **Country:** New Zealand

Core business: World-class crop spraying equipment

Sales email contact: Jeremy Rennick-jeremy.rennick@croplands.com.au

Website: www.croplands.com/au

Tech Readiness Level*: 9

Level of development: Marketed

Number of units in service: 50

Price: $250,000

Crop type/s: Vegetables with flat seed beds

Business model: Through dealer network, direct to customer, several ways!

Main functionality: Spot spraying green on green in vegetable crops

Power: Petrol/electric hybrid

Net weight: 265kg

Productivity: 80% reduction in chemical costs, 3 hectares per day

Connections: Autonomous vehicle

Ongoing costs: Data fee for first two years included in the first two years and petrol (7h on one tank)

AgTech Field 1 | Block 16

CropVue Technologies

Year of creation: 2019 | **Country:** Canada

Core business: CropVue delivers scalable precision agriculture solutions, combining AI-powered insect monitoring, in-canopy weather sensing, and intuitive data tools, to help growers of all sizes optimize crop management and improve yields

Sales email contact: Amy Jancewicz-ajancewicz@cropvue.com

Website: www.cropvue.com

Tech Readiness Level*: 9

Level of development: Commercial/marketed

Number of units in service: 5000

Price: TBA

Crop type/s: Apples, Berries, Corn, Cotton, Canola, Vegetables, Nuts, and more

Business model: Distribution partnerships and D2C providers

Main functionality: Pest monitoring and microclimate prediction for pest management

Power: Solar/battery

Net weight: 1kg

Productivity: 1 unit per 10acres, reducing manual scouting by up to 75%, while increasing resolution by 7x

Connections: Field installation, stationary equipment, year-round environment suitability

Ongoing costs: TBA

*Tech Readiness Level: 1-3 = Research phase, 4-6 = Development phase, 7-9 = Deployment phase

Live Demonstration Exhibitors

ecorobotix

AgTech Field 1 | Block 4

Ecorobotix SA – ARA Field Sprayer

Year of creation: 2014 | **Country:** Switzerland

Core business: Ultra-High-Precision Plant-By-Plant AI based Sprayers Manufacturer

Sales email contact: Jose M. Marchetti-jose.marchetti@ecorobotix.com

Website: www.ecorobotix.com

Smart sprayers

Tech Readiness Level*: 9

Level of development: Marketed

Number of units in service: 400+

Price: AUD $460,000

Crop type/s: Vegetables and Row Crops

Business model: Through local dealers worldwide. RDO are the distributors for QLD & NSW.

Main functionality: Plant-by-Plant spraying

Power: Towed by tractor

Net weight: 1,100kg

Productivity: 4 hectares per hour, up to 95% chemicals savings

Connections: PTO

Ongoing costs: Yearly licenses aprox AUD $18,000

Farm Concepts

AgTech Field 1 | Block 5

Farm Concepts – Robotti

Year of creation: 2022 | **Country:** Australia

Core business: Agricultural Automation & Robotics

Sales email contact: Braden Hellmuth-braden@farmconcepts.com.au

Website: www.farmconcepts.com.au

Autonomous carriers

Tech Readiness Level*: 9

Level of development: Marketed

Number of units in service: N/A

Price: N/A

Crop type/s: Various, depending on the algorithm

Business model: N/A

Main functionality: Automated Implement Carrier

Power: Diesel

Net weight: 3000kg

Productivity: Automated, 60 hours of automated operation

Connections: 3-point linkage & PTO

Ongoing costs: N/A

*Tech Readiness Level: 1-3 = Research phase, 4-6 = Development phase, 7-9 = Deployment phase

Live Demonstration Exhibitors

AgTech Field 1 | Block 11

FarmTech Australia – FarmDroid

Year of creation: 2024 | **Country:** Australia

Core business: Bringing innovative technology to the forefront of Australian farmers

Sales email contact: Troy Qualischefski-sales@farmtechaustralia.com.au

Website: www.farmtechaustralia.com.au

Mechanical weeders

Tech Readiness Level*: 8

Level of development: Marketed

Number of units in service: Over 500 globally, 4 in Australia

Price: $200-$250k* (*subject to configuration and exchange rates)

Crop type/s: The robot is compatible with up to 50 small seed crops including broccoli, carrot, cauliflower, onion, beetroot and spinach

Business model: Direct to customer

Main functionality: Solar powered autonomous seeding and weeding robot

Power: Solar powered battery pack that enables up to 24 hours of continuous operation

Net weight: 1250kg or up to 1800kg including robot extras

Productivity: Reduced fuel, labour and chemical inputs. Reduced soil compaction. Can begin weeding from early germination. Average payback is 2-3 years.

Connections: Nil. Is a self-propelled unit.

Ongoing costs: Nil

Field Capacity
by Feldklasse

AgTech Field 1 | Block 8

Field Capacity Australia Ltd – Zurama & Rukaby

Year of creation: 2008 | **Country:** Germany/Australia

Core business: Weeding systems and precision agriculture

Sales email contact: Florian Bonenfant-f.bonenfant@feldklasse.de

Website: www.fieldcapacityaustralia.com.au

Mechanical weeders

Tech Readiness Level*: 9

Level of development: Marketed

Number of units in service: 120

Price: $180,000

Crop type/s: Babyleaf, Rocket, Spinach, Herbs, Onions, Beetroot, Carrots

Business model: Direct to customer

Main functionality: Camera guided mechanical weed removal

Power: Tractor mounted

Net weight: 400kg

Productivity: Subject to conditions under which the machines operated

Connections: Hydraulic connection 3 point linkage

Ongoing costs: Subject to conditions under which the machines operated

*Tech Readiness Level: 1-3 = Research phase, 4-6 = Development phase, 7-9 = Deployment phase

Live Demonstration Exhibitors

FLUX

AgTech Field 1 | Block 9

Flux – Rovor

Year of creation: 2021 | **Country:** Australia

Core business: A robot in every paddock for automated weed control

Sales email contact: Jordy Kitschke- jordy@fluxrobotics.ai

Website: www.fluxrobotics.ai

Tech Readiness Level*: 8

Level of development: Being used commercially

Number of units in service: 2

Price: TBC

Crop type/s: Vegetables, grains

Business model: Direct to farm

Main functionality: Weed control (toolbar is modular, spraybar is the only commercial option currently)

Power: Solar electric

Net weight: 750 kg

Productivity: 10ha/day, 90-99% chemical reduction

Connections: RHS U-Bolts for toolbar connection

Ongoing costs: TBC

LANDPOWER

AgTech Field 2 | Block 13

Landpower – AGXEED T2

Year of creation: 1975 | **Country:** New Zealand

Core business: Landpower is a family-owned company that imports and wholesales premium agricultural machinery and equipment – including CLAAS, GRIMME, AMAZONE, Väderstad, and AGXEED – across Australia and New Zealand, supporting farmers through a trusted dealer network and local service

Sales email contact: Sam Scales-Sam.Scales@landpower.com.au

Website: www.claasharvestcentre.com

Autonomous carriers

Tech Readiness Level*: 9

Level of development: Commercially available

Number of units in service: 110

Price: A new T2 the same spec as the live demo machine would cost $670,000

Crop type/s: Any

Business model: Available through dealer network, including Landpower Vegetable Center and CLASS Harvest Centers

Main functionality: AGXEED T2 is an autonomous tractor without a cab which makes it incredibly versatile

Power: 156HP Deutz 4.1L diesel with electric drivetrain

Net weight: 7.8t unballasted

Productivity: Application-dependent; max ground speed 13.5km/h

Connections: Linkage: Standard CAT3 rear linkage & front CAT2 linkage with CAT3 hooks. PTO: Rear 134HP 6 Spline shaft (bi-directional up to 1200rpm), optional front and rear 100KW HV plug. Hydraulics: 4 proportional double acting spools, load sensing power beyond 85lpm@210bar ISOBUS: front, rear and in-cab connectors

Ongoing costs: The purchase price includes a 3-year subscription. After this period, a mandatory subscription fee of $6,300 + GST (valid at 15 September 2025) applies for Safety RTK and AgXcloud Portal services. A separate data plan is also required. Landpower recommends Starlink for optimal connectivity.

*Tech Readiness Level: 1-3 = Research phase, 4-6 = Development phase, 7-9 = Deployment phase

Live Demonstration Exhibitors

AgTech Field 1 | Block 12

MagrowTec

Year of creation: 2013 | **Country:** Ireland

Core business: Improving spray coverage, efficiency and productivity whilst reducing off target drift

Sales email contact: James Turtle- james.turtle@magrowtec.com

Website: www.magrowtec.com

Smart sprayers

Tech Readiness Level*: 9

Level of development: Commercially available product

Number of units in service: 350+

Price: Boom size dependant

Crop type/s: Broadacre Grains, Oilseeds, and Cotton through to Horticulture

Business model: Through a dealer network

Main functionality: Improves spray coverage, reduces drift, and increases canopy penetration

Power: No power required

Net weight: 120kg

Productivity: More Ha/day, reduced chemical, water, and diesel use

Connections: Direct mount to chassis

Ongoing costs: Nil

polybee

Drone Hub | Block 17

Polybee Australia Pty Ltd

Year of creation: 2024 | **Country:** Singapore/Australia

Core business: Polybee builds AI- and drone-powered systems that automate crop pollination under protected cropping and deliver precise yield forecasting for high-value horticulture on open field crops

Sales email contact: Pankaj Malik- pankaj@polybee.co

Website: www.polybee.co

Tech Readiness Level*: 9

Level of development: Commercial

Number of units in service: 6

Price: N/A

Crop type/s: Spinach, Broccoli, Tomatoes, Strawberries

Business model: Subscription-based

Main functionality: Crop analysis and yield quality improvement

Power: Electric

Net weight: N/A

Productivity: Crop Monitoring – 10 hectares/day; Pollination 0.5ha/drone in glasshouse

Connections: N/A

Ongoing costs: N/A

*Tech Readiness Level: 1-3 = Research phase, 4-6 = Development phase, 7-9 = Deployment phase

Live Demonstration Exhibitors

Drone Hub | Block 17

Precision Ag Services

Year of creation: 2021 | **Country:** Australia

Core business: Precision Ag Services offers drone spraying and spreading of chemicals, fertilizers, baits, and seeding. We also offer mapping asset inspection and plant health

Sales email contact: Larry Rauschenbach- info@precisionagservices.com.au

Website: www.precisionagservices.com.au

Tech Readiness Level*: 8

Level of development: Marketed

Number of units in service: 4

Price: Nil

Crop type/s: All crop types

Business model: Direct to customer

Main functionality: Control of weeds and bugs

Power: Electric

Net weight: 80 kg

Productivity: Depends on application rate up to 100 hectares/day

Connections: Battery

Ongoing costs: Nil

Drone Hub | Block 17

skykelpie

Drone technologies

SkyKelpie

Year of creation: 2021 | **Country:** Australia

Core business: SkyKelpie are experts in agricultural drones

Sales email contact: Luke Chaplain- sales@skykelpie.com

Website: www.skykelpie.com

Tech Readiness Level*: 9

Level of development: In market

Number of units in service: –

Price: $20,000–$50,000

Crop type/s: Almost all broadacre, horticulture and orchard crops

Business model: Direct to customer

Main functionality: The DJI Agras drones spray liquids (like fertilisers, herbicides, and pesticides) and spread solids (like seed and fertiliser) across a wide range of crops with precision, efficiency, and terrain adaptability

Power: Battery

Net weight: 50kg–75kg (empty)

Productivity: N/A

Connections: Spraying System – Integrated tank with centrifugal nozzles that mount directly on the drone body. Spreading System – A centrifugal disc spreader built into the airframe

Ongoing costs: No ongoing subscriptions for hardware. Some third party subscriptions for precision mapping etc will have ongoings, depending on personal preference

*Tech Readiness Level: 1-3 = Research phase, 4-6 = Development phase, 7-9 = Deployment phase

Live Demonstration Exhibitors

SoilWealth | ICP
nurturing crops · protecting crops

AgTech Field 2 | Block 14

Soil Wealth and Integrated Crop Protection

Year of creation: 2014 | **Country:** Australia

Core business: The Soil Wealth ICP is the vegetable and melon industries' extension project, supporting growers in soil health, crop health, input optimisation, and carbon and climate

Sales email contact: Stephanie Tabone-stephanie.tabone@ahr.com.au

Website: www.soilwealth.com.au

Tech Readiness Level*: 9

Level of development: N/A

Number of units in service: N/A

Price: N/A

Crop type/s: Various cover crop species

Business model: N/A

Main functionality: Cover crops are one of the most useful tools for managing intensive vegetable growing soils. The integration of cover crops into vegetable production can improve soil health by building soil structure and condition, reducing erosion, adding nitrogen, improving nutrient recycling, and contributing to weed and soil-borne disease control

Power: N/A

Net weight: N/A

Productivity: N/A

Connections: N/A

Ongoing costs: N/A

AgTech Field 1 | Block 10

SwarmFarm Robotics – SwarmBot5

Year of creation: 2012 | **Country:** Australia

Core business: SwarmFarm robots have commercially farmed over 5,000,000 acres with their integrated autonomy platform

Sales email contact: Mick Matthews- mick.matthews@swarmfarm.com

Website: www.swarmfarm.com

Tech Readiness Level*: 10: Fully commercial with over 5 million acres commercially farmed to date

Level of development: Marketed

Number of units in service: Non public

Price: Outright purchase plus annual software fee.

Crop type/s:

Business model: Direct to customer supported by independent service providers.

Main functionality: With over 120 commercial robots already working on farms across Australia, SwarmFarm robots have commercially weeded, sprayed or mowed over 5,000,000 acres of farmland and eliminated the use of around 3.7 millions litres of chemical.

Power: Diesel

Net weight: 2.5 tonnes, 5,500 pounds

Productivity: Various depending on application up to 1,000 acres (400 hectares) per day for field spraying operations

Connections: Chassis mounted, drawbar, 3-point linkage, on-board hydraulics, PTO, CAN, Serial, Ethernet, ISOBUS

*Tech Readiness Level: 1-3 = Research phase, 4-6 = Development phase, 7-9 = Deployment phase

Live Demonstration Exhibitors

TERAMAX

AgTech Field 1 | Block 7

Teramax

Year of creation: 2024 | **Country:** Australia
Core business: Compostable Ag Films
Sales email contact: Tony Dyne- tony@teramax.com.au
Website: www.teramax.com.au

Tech Readiness Level*: 9

Level of development: Commercially available

Number of units in service: 5000+

Price: $500–$700 per roll

Crop type/s: Melons, pumpkins, tomatoes, capsicums, bananas, pawpaws and more

Business model: Sold through resellers

Main functionality: Replaces plastic mulch film in horticulture. Weed barrier, moisture retention, soil warmth

Power: N/A

Net weight: Approx 40 kg/roll

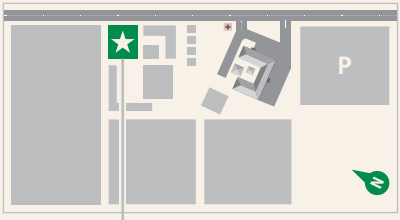
Productivity: Eliminates plastic waste from mulch film, retains approx 1 megalitre of water per ha

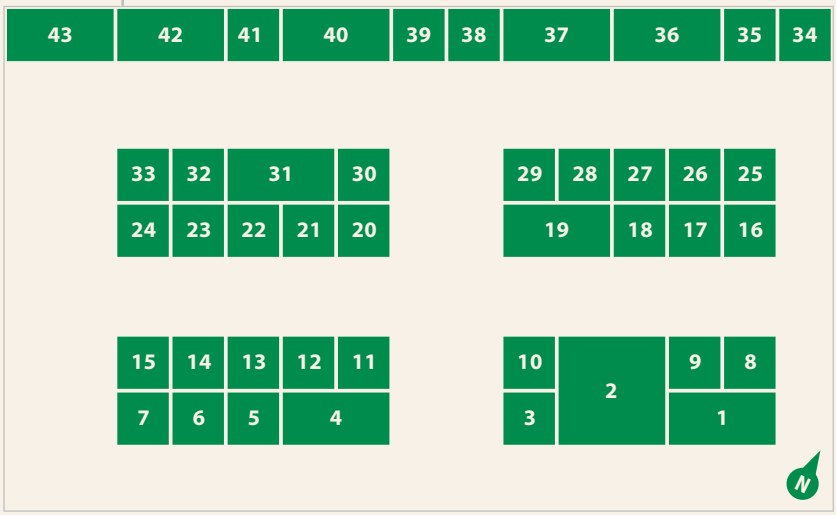
Connections: Standard mulch film layer

Ongoing costs: Nil

General Exhibition Map

GENERAL AGTECH EXHIBITION AREA





1. Australian Spider Drones
2. Food & Agribusiness Network
3. Agtecnic
4. Nanosud
5. Fertec Pty Ltd
6. Connected Farms
7. Carbon Asset Solutions
8. DataFarming Pty Ltd
9. Goanna Ag
10. Farmers2Founders
11. RMCG
12. Sultech Global Innovation Corp.
13. Croptimistic Technology
14. Lyro
15. Biopac
16. Ofload
17. CropX Australia
18. Aglantis
19. Agri Technovation
20. Airborn Insight
21. AgSight
22. Internet Innovations
23. AgBiTech
24. AgVita Analytical
25. Nitro Ag
26. Beestar
27. Land Watch
28. Di Loreto Farm Machinery
29. Boomaroo Nurseries
30. Hiphen
31. The University Of Queensland
32. Regional Tech Hub
33. Farm Concepts
34. Agri Automation
35. Carbon Robotics
36. Vin Rowe Farm Machinery
37. Society of Precision Agriculture Australia
38. QLD Government
39. Airiel Solutions
40. Rivulis
41. Rural Solutions Queensland
42. RDO Equipment
43. Ecorobotix

Talking Tech Speakers Program

Wednesday
15 OCTOBER

TALKING TECH MARQUEE

	DAY ONE SESSIONS
8:45-9:00	Welcome and Opening Remarks
9:00-9:30	Session 1: Horticulture at a Crossroads - The Case for Innovation
9:30-10:00	Session 2: Producer Insight - Lessons from Implementing Agritech on-Farm
10:00-10:15	Morning Tea Break
11:00-11:30	Session 3: Technology in Practice - Protected Cropping & Controlled Environments
11:30-12:00	Session 4: Technology in Practice - Soil & Water Intelligence
12:00-12:30	Session 5: Technology in Practice - The Evolution of Spraying & Weeding
12:30-1:00	Lunch Break
1:00-1:30	Session 6: Technology in Practice - Automating Harvest & Transplanting
1:30-2:00	Session 7: Technology in Practice - Connectivity, Control & Compliance
2:00-2:30	Session 8: Technology in Practice - Safer by Design
2:30-3:00	Session 9: Technology in Practice - Data-Driven Decisions
3:00-3:30	Session 10: Technology in Practice - Smarter Supply Chains & Post-Harvest
3:30-4:00	Afternoon Tea Break
4:00-4:45	Session 11: You Ask, We Answer
4:45-5:00	Thank you and Closing Remarks

Thursday
16 OCTOBER

TALKING TECH MARQUEE

	DAY TWO SESSIONS
8:45-9:00	Welcome and Opening Remarks
9:00-9:30	Student Engagement - "What Even Is AgTech?"
9:30-10:00	Student Engagement - "How I Got Here"
10:00-10:15	Morning Tea Break
10:15-11:00	Student Engagement - "So... What's Next?"
11:00-11:45	Session 12: The Value of Agritech Adoption - Case Study
11:45-12:30	Session 13: Commercialisation Pathways for Agritech - The Role of Trials
12:30-1:00	Lunch Break
1:00-1:45	Session 14: Agritech Disadoption - What Happens When the Tech Fails
1:45-2:30	Session 15: ROI of Agritech on Farm
2:30-3:00	Thank you and Closing Remarks

Talking Tech Speaker Program Supported by:

AUSTRALIAN Agritech ASSOCIATION

General Exhibitors

GENERAL AGTECH EXHIBITION AREA

AgBiTech

AgBiTech is an Australian-based agricultural biotechnology company specialising in sustainable pest control solutions using baculoviruses. Vivus® Armigen is a highly selective virus targeting Helicoverpa species in horticultural crops, while Fawligen® is designed specifically to control Fall Armyworm (Spodoptera frugiperda).

ftweedy@agbitech.com

Aglantis

AGLANTIS
SIMPLIFYING SMART FARMING

By combining irrigation automation with GPS insights, Aglantis helps growers simplify compliance, save time, and boost productivity across diverse farming systems. Our smart automated irrigation systems are modular and retrofittable, giving farmers remote control of pumps and irrigation sets while improving water efficiency and reducing labour.

lukemalan@aglantis.com.au

Agri Technovation

By combining advanced analytics, satellite imagery, in-field technology, and tailored agronomic support, we help optimise decision-making across every stage of the crop cycle. From soil health to yield maximisation, we partner with growers to increase productivity, reduce risk, and drive long-term profitability.

mieke.verster@agritechnovation.co.za

Agri Technovation
Specialized to succeed

AgSight

AgSight

AgSight helps farmers make informed decisions about carbon and nitrogen cycling to improve soil health and crop performance. In Australia, AgSight supplies Solvita™ technologies, including tests for Soil Microbial Activity, Labile Organic Nitrogen, Soil Aggregate Stability and Compost Maturity. These simple, fast, low-cost tests measure CO_2 and NH_3 emissions, revealing hidden soil processes.

stephen@agsight.com.au

Agtecnic

SenseSpray®, uses advanced camera technology to detect weeds in real time and apply chemicals only where needed, reducing herbicide use by up to 90%. Designed as an aftermarket solution, SenseSpray is easy to install, compatible with most sprayer platforms, and simple for operators to use.

richard.blanshard@agtecnic.com

AgVita Analytical

AgVita Analytical is an efficient and professional laboratory offering a premium service for soil, plant and water nationally. Our sap and water tests are reported on the same day we receive samples, our dry ash leaf tests are reported within 4 working days, and our soil tests take no longer than 6 working days.

dhicks@agvita.com.au

Airborn Insight

Acquisition and analysis of drone-based multispectral and thermal data for crop health monitoring and plot trial assessments. Deliver crop analytics including plant vigour evaluation using vegetation indices, as well as plant count and size distribution mapping.

nat@airborninsight.com.au

Australian Spider Drones

Australian Spider Drones provide drones that can be used for spraying, spreading and crop monitoring.

verde@bigpond.net.au

General Exhibitors

GENERAL AGTECH EXHIBITION AREA

Beestar

We provide a data-driven platform which can accurately tell hive health and tracking for both commercial beekeepers and growers who need transparent and efficient bee pollination.

ray@beestar.com.au

Biopac Pty Ltd

Post Harvest Solutions, extend the shelf life and freshness of fruits, vegetables and flowers during storage, transport and export.

info@biopac.com.au

Boomaroo Nurseries

Boomaroo Nurseries is a world-class vegetable seedling producer with 15 hectares under production in Lara, Victoria and Southbrook, Queensland, capable of supplying up to 400 million seedlings to growers annually.

ian@boomaroo.com

Carbon Robotics

Carbon Robotics builds the industry-leading AI-powered LaserWeeder G2™ which combines computer vision, AI deep learning technology, robotics, and lasers to identify crops versus weeds - and shoots the weeds with lasers. LaserWeeding has sub-millimeter accuracy, shoots over 5,000 weeds per minute, and does the work of a hand weeding crew of 75 people.

mktg-events@carbonrobotics.com

Connected Farms Pty Ltd

Connected Farms is a leading provider of connectivity for farm automation and robotics. Our advanced communications solutions enable seamless operation, monitoring, and data transfer for ag robots anywhere on the farm. By supporting autonomous machinery and farm-wide communications, Connected Farms drives smart farming and industry growth - taking farmers from digital darkness to a truly connected agriculture environment.

eiligh@connectedfarms.co

Croptimistic Technology Pty Ltd.

Croptimistic Technology specializes in precision agronomy tools to map soil and crop variability for more precise management of inputs.

wes@swatmaps.com

CropX Australia Pty Ltd

The CropX system aggregates data from soil to sky and transforms it into useful information, helping farmers monitor the health of fields and crops. Using sensors to capture data on soil moisture, soil temperature, weather data and Actual Evapotranspiration enables CropX to generate recommendations on what a plant needs before the plant starts showing stress.

justin.clarke@cropx.com

DataFarming Pty Ltd

DataFarming is an Australian precision agriculture company based in Toowoomba, Queensland who deliver leading digital solutions for customers around the world. The company aim is to unlock the potential of digital agronomy products and farm data by putting easy to use solutions into the hands of every agronomist and producer.

tim@datafarming.com.au

General Exhibitors

GENERAL AGTECH EXHIBITION AREA

Di Loreto Farm Machinery Pty Ltd

Di Loreto Farm Machinery Pty Ltd are one of Australia's leading suppliers of farm machinery to the horticultural industries.

diloreto@bigpond.net.au

Ecorobotix

Ecorobotix is dedicated to revolutionizing agriculture through artificial intelligence and high-precision technology. We have developed the ARA precision sprayer, which allows for precise, plant-by-plant detection and spraying during crop treatment which significantly reduces the amount of product used, enhances crop yields, and lowers CO2 emissions.

aurelie.wenger@ecorobotix.com

Farm Concepts Pty Ltd

Farm Concepts is a distributor and manufacturer of a variety of agricultural equipment which utilises modern technology including AI and camera vision models.

info@farmconcepts.com.au

Farmers2Founders Pty Ltd

Farmers2Founders works with farmers and agtech companies to accelerate the development and adoption of solutions that deliver real industry benefits.

cpitt@foodfutures.com.au

Fertec Pty Ltd

Fertec Pty Ltd provides select agricultural inputs to farmers nationwide, including Entra micronised gypsum.

jacob.snyman@fertec.com.au

Food and Agribusiness Network

The Food and Agribusiness Network (FAN) is Australia's fastest growing food and agribusiness cluster. We help our members connect, collaborate and grow.

nicole@foodagribusiness.org.au

Goanna Ag

Goanna provide monitors and telemetry to help with irrigation scheduling and promote water efficiency, also including weather stations, storage and irrigation channel, water and fuel tank monitoring.

brice@goannaag.com.au

Internet Innovations

Internet Innovations are professional telecommunication engineers and managed connectivity service providers. We solve complex telecommunications problems in all states of Australia.

joe@internetinnovations.com.au

General Exhibitors

GENERAL AGTECH EXHIBITION AREA

Lyro

We create software that enables robots to perform picking and packing tasks. Alongside our systems integrator partners we can automate packing of a wide range of crops.

norton.kellyboxall@lyro.com

Nolans Interstate Transport

Nolan's Interstate Transport is one of the largest family-owned and operated transport businesses in Queensland, transporting and distributing general freight and perishables from the Lockyer Valley Region to the various markets throughout Australia.

paulw@nolanstransport.com.au

Queensland Government

Vegetation management; Native vegetation is critical for maintaining biodiversity, preventing land degradation and reducing Queensland's carbon emissions.

veg.engagement@resources.qld.gov.au

RDO Equipment

Retailing and supporting John Deere machinery and technology including Greenstar, Smart Apply, T3RRA, to name a few.
RDO Equipment is also a dealer for Ecorobotix, AI-powered ultra high precision sprayers.

tim.carnell@rdo.com.au

Regional Tech Hub

The Regional Tech Hub deliver free independent phone and internet connectivity advice to regional, rural and remote Australians including small businesses and primary producers.

jbloxsidge@regionaltechhub.org.au

Rivulis

Rivulis Australia delivers smart, sustainable irrigation solutions, backed by over 80 years of global expertise. We partner with growers offering complete micro irrigation solutions for farms of all sizes in agriculture, horticulture and greenhouse production.

guy.boyd@rivulis.com

Rural Solutions Queensland

Not for Profit funded by Federal Gov (FDF) & Qld Gov to support farmers with drought preparedness and resilience.

kerrie-lyn.rae@rsq.org.au

Society of Precision Agriculture Australia

The Society of Precision Agriculture Australia (SPAA) is a non-profit association promoting the adoption of precision agriculture to improve farm productivity, profitability, and sustainability. Its members include farmers, agronomists, consultants, researchers, and academics across broadacre, sugar, cotton, dairy, livestock, and horticulture.

eo@spaa.com.au

General Exhibitors

GENERAL AGTECH EXHIBITION AREA

Sultech Global Innovation Corp.

Sultech Global Innovation Corp. is an Alberta, Canada based plant nutrient and soil amendment company. Sultech's proprietary patent-protected technology and intellectual property converts elemental sulphur (S°) into a product line with confirmed market fit in three key agricultural segments: crop nutrient, soil health, and value-added enhancement of existing agricultural products and applications.

mmackinnon@sultechglobal.com

The University Of Queensland

UQ is a global leader in agricultural teaching and research, with extensive crop farming capabilities at Gatton. Our farms provide commercial-scale production systems that support innovative research, industry partnerships, and hands-on student learning.

h.eiser@uq.edu.au

Vin Rowe Farm Machinery

Vin Rowe Machinery provides a large range of the latest agricultural equipment to the Australian farming community.

growe@vinrowe.com.au


GASPARDO
GASPARDO
Sikuan

Protected Cropping Exhibition Map

PROTECTED CROPPING EXHIBITION AREA

1. SENSITE
2. LLEAF
3. Farmers2Founders
4. Harvest Ant
5. DENSO
6. TTA-ISO Oceania
7. Agrinodes
8. Garden City Plastics
9. Urbinati Srl
10. ARC PC Hub
11. Rainstick
12. Redpath Ideal Greenhouses
13. Rovensa Next
14. Rijk Zwaan
15. Process Intelligent Advisory
16. Biological Services
17. Bugs for Bugs
18. Ecomix
19. Proptec
20. Fernland
21. Cravo Equipment
22. Irribiz
23. DPI plant protection
24. DPI protected cropping

Cutting Edge nursery robot

Protected Cropping Speakers Program

Wednesday
15 OCTOBER

PROTECTED CROPPING EXHIBITION AREA

	SESSION
10:15-11:00	Opening of Gatton AgTech Showcase and launch of Protected Cropping Centre for Mild Winter Climates
12:15-12:30	Welcome to the Protected Cropping Expo
12:30-1:30	De-risking investment in protected cropping: Lessons for Smarter Growth
1:30-2:00	Retractable roof structures around the world and their role in Australia
2:00-2:15	Protected cropping in mild winter climates - Q&A Panel
2:15-2:45	DPI supporting protected cropping adoption
2:45-3:45	Local growers in their own words and advancing PC skills
3:45-4.00	Protected Cropping Speaking Program Wrap-up
5:00	Protected Cropping Expo Closes

Thursday
16 OCTOBER

PROTECTED CROPPING
EXHIBITION AREA

	SESSION
9:30-9.45	Welcome to the Protected Cropping Expo
9:45-10.15	Highlights of DPI supporting protected cropping adoption
10:15-11:00	Local growers in their own words
11:00-11:45	Retractable roof structures around the world and their role in Australia
11:45-12:45	Preparing for new diseases: the case of tomato brown rugose fruit virus (ToBRFV)
12:45-1:45	Robotics in protected cropping: how far are we?
2:00-2:15	Protected Cropping Speaking Program Wrap-up
5:00	Protected Cropping Expo Closes

Protected Cropping Live Exhibitor

TTA-ISO Oceania

Year of creation: 2023 | **Country:** The Netherlands

Core business: High-tech automation solutions for horticulture and food

Sales email contact: Theo Arvanitakis / Nico De Wet-theo.arvanitakis@tta-iso.com

Website: www.tta-iso.com

Tech Readiness Level*: 9

Level of development: Marketed, sold product

Number of units in service: 120+ worldwide

Price: $245,000 AUD

Crop type/s: All types of unrooted and rooted cuttings and tissue culture ex agar

Business model: Local presence, direct to customer with office and staff

Main functionality: Automated sticking machine for planting rooted and unrooted cuttings

Power: 3ph – 415v & compressed air

Net weight: 1200 kg

Productivity: Can produce 2000–2500 per hour

Connections: Free standing machine or connected to equipment

Ongoing costs: Yearly license fee for vision software upgrades

*Tech Readiness Level: 1-3 = Research phase, 4-6 = Development phase, 7-9 = Deployment phase

Protected Cropping Exhibitors

PROTECTED CROPPING EXHIBITION AREA

Agrinodes Pty Ltd

Smart IoT devices and software applications for horticultural irrigation monitoring and control.

john.pham@agrinodes.com.au

Biological Services

Biological Services is Australia's leading Integrated Pest Management company and we're on a mission to future-proof pest control in agriculture.

jake.byrne@biologicalservices.com.au

Bugs For Bugs

Bugs For Bugs produce a range of beneficial insects and mites as well as supply a wide range of traps, pheromones and IPM tools. Our entomologist's and agronomist's can help growers develop and implement IPM programs for their business that will reduce the reliance on synthetic pesticides.

darcy@bugsforbugs.com.au

Cravo Equipment

Global leaders of retractable roof green houses, cooling houses and automated retractable field coverings for over 45 years in mild to hot climates.

bedem@cravo.com

Protected Cropping Exhibitors

PROTECTED CROPPING EXHIBITION AREA

Denso

DENSO is a global engineering and technology business with a focus on designing and building world-class greenhouse facilities.

alastair.delooze.a3e@ap.denso.com

DENSO

Department of Primary Industries

DELIVERING FOR QUEENSLAND | Queensland Government

The Protected Cropping team is delivering training and demonstrating a range of genetics, agronomic practices, growing systems, automation and control systems that are cost-effective and fit-for-purpose. DPI's Plant Protection team delivers integrated pest and disease management support to both field and greenhouse producers.

col.douglas@dpi.qld.gov.au

Ecomix

ECOMIX Australia is dedicated to the development and production of cutting-edge COCOPEAT growing media, crop solutions & technologies.

sales@ecomix.com.au

ecomix
For A Greener Generation
ECOMIX AUSTRALIA

Envirotec Horticultural Structures

EnviroTec HORTICULTURAL STRUCTURES

EnviroTec Horticultural Structures (formally Fernland Constructions) provides protected cropping solutions to commercial nurseries, food growers, government & schools and other industries. Our structures put more control in the hands of the growers when it comes to productivity, growing conditions and consistency of your crops.

sales@envirotecstructures.com.au

Farmers2Founders Pty Ltd

Farmers2Founders works with farmers and agtech companies to accelerate the development and adoption of solutions that deliver real industry benefits.

cpitt@foodfutures.com.au

Garden City Plastics

Garden City Plastics stands as Australia's premier manufacturer and distributor of pots, containers, and allied products, dedicated to meeting the diverse needs of the horticulture industry.

jamie.pollen@gardencityplastics.com

Harvest Ant

Harvest Ant is an Australian AgTech startup transforming horticulture by digitising the critical "first mile" from plant to packhouse. We deliver Data as a Service, focused on improving labour management and harvest traceability—two of the sector's biggest challenges.

jessica.morris@harvestant.com

Irribiz

At Irribiz, we provide world class water solutions that help our customers conserve, reuse, and recycle water in the most efficient and sustainable way.

andrew.harford@irribiz.com.au

Protected Cropping Exhibitors

PROTECTED CROPPING EXHIBITION AREA

LLEAF Pty Ltd

LLEAF develops sunlight engineering systems for the horticulture industry.

chris.wilkins@lleaf.com.au

PC Hub (La Trobe University)

The ARC Research Hub for Protected Cropping (PC Hub) is dedicated to transforming Australia's horticultural and medicinal crop sectors by addressing knowledge gaps in the PC sector, particularly in plant health, breeding, waste valorisation, digital technologies, and plant bioactive extraction and discovery.

L.Sebrier@latrobe.edu.au

Process Intelligent Advisory

Process Intelligent Advisory provides agricultural and business sectors with innovative, data-driven solutions that optimise performance and sustainability. Specialising in process modelling, digital transformation, and smart farm technologies, the team designs and implements intelligent systems that enhance decision-making, resource efficiency, and productivity.

owen.keates@processintelligent.com

Proptec

With over 40 years of experience, Proptec offers TopMix substrates, Growbags and Quick bags, Bulk inputs, Ellepot systems, Quickplugs, and nursery automation solutions that reduce crop loss, labour costs, and grow time. Trusted by growers across Australia, Proptec delivers consistent, high-quality propagation systems for plant production.

andrewa@proptec.com.au

QUT

The QUT Centre for Robotics focuses on automating complex tasks such as crop monitoring and harvesting; pioneering robotic solutions to real-world agricultural challenges and the development of next-generation indoor cropping systems.

c.lehnert@qut.edu.au

Rainstick Pty Ltd

Rainstick's patented Variable Electric Field (VEFt) seed treatment technology, inspired by the natural effects of thunderstorms, helps seed companies achieve sustainable yield increases and improved crop resilience. By reducing yield loss and minimising chemical inputs, our solution provides customer satisfaction and increased ROI for farmers, offering a clear advantage over traditional chemical interventions.

darryl@rainstick.com.au

Redpath Ideal Greenhouses

Redpath Ideal Greenhouses is committed to delivering reliable products and innovative solutions to enhance the efficiency and accessibility of protected crop farming and horticulture for growers across Australia.

admin@redpath.com.au

Rijk Zwaan

Rijk Zwaan develops high-quality fruit and vegetable varieties for the professional agri-food sector. With more than 30 different crops and over 2,000 varieties, we provide high-quality seeds whether for high-tech greenhouse, protected cultivation or open-field farming.

s.renaud@rijkzwaan.com.au

Protected Cropping Exhibitors

PROTECTED CROPPING EXHIBITION AREA

Rovensa Next

Rovensa Next is a multi national BioSolution company.

lachlan.brownhalls@rovensanext.com

SENSITE

Sensite and Aranet Horticulture sensors are ideal for monitoring and maintaining optimal growing conditions and increasing yield in protected cropping and greenhouse environments.

sales@sensite.com.au

URBINATI Srl

Urbinati specialises in the design and production of automated machinery for nurseries, greenhouses and propagation centers. As a global industry leader with an extensive distribution network, Urbanati is helping the agri-food system tackle challenges such as population growth, climate change and resource scarcity through mechanisation, digitalisation and precision ag.

grafica@urbinati.com

VegMech

Technologies for next-gen vegetable systems

VG23003 Advanced vegetable mechanisation program to **maximise labour and cost efficiency**

The Queensland Department of Primary Industries and Hort Innovation have partnered with the Global Organisation for Agricultural Robotics (GOFAR) and Farm Concepts to deliver a program to accelerate the adoption of autonomous and mechanised field solutions for labour and input cost efficiencies in the Australian vegetable industry. The program focuses on identifying and validating mechanised technologies from around the world, introducing these innovations into Australian vegetable systems to address the challenges of high input costs and labour shortages. By delivering the key project activities, the program will help to drive innovation and efficiency within the Australian vegetable sector.

Key project activities

Global technology scan and gap analysis to identify key opportunities for automation and mechanisation in vegetable production.

USA Study tour videos here

International study tours with the first in October 2024 to the USA including attendance at the International Forum of Agricultural Robotics (FIRA) USA.

EOI's for demo site here

Grower demonstration sites to validate and demonstrate autonomous and mechanised field tech options and develop return on investment case studies.

VG23003 Webinars Replay here

Webinar series: "Addressing cost challenges for Australian vegetables" and "Advanced harvesting technologies for field vegetables".

For more information contact

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M: +61 461 491 213
E: Janaina.Fabris@dpi.qld.gov.au

Julie O'Halloran
Principal Development Horticulturist
M: +61 409 054 263
E: Julie.OHalloran@dpi.qld.gov.au

Hort Innovation VEGETABLE FUND

VG24006 Evaluating mechanical harvest solutions in Australia

Technologies for next-gen vegetable systems

VG24006 Evaluating mechanical harvest solutions in Australia

The Queensland Department of Primary Industries and Hort Innovation have partnered with the California, USA based Western Growers Association to deliver a 12-month program to support the adoption of automated harvest technologies.

This project addresses the challenges of labour shortages and rising costs faced by vegetable growers in Queensland and across Australia.

Through targeted field visits, workshops, and grower engagement across key vegetable regions, the project will facilitate knowledge exchange between international manufacturers and the local industry. Key activities will assess the suitability of current mechanical harvesting solutions for Queensland and Australian conditions and production systems. The project will also develop a roadmap to guide the adaptation and integration of appropriate technologies into commercial operations. This national initiative will deliver benefits such as improved harvest efficiency, reduced reliance on manual labour, and increased productivity.

Key project activities

- Harvesting manufacturer incursions including regional tours and workshops
- Roadmap for automated and mechanical harvester adaptation and integration into Australian veg systems
- International Grower Advisory Committee

For more information contact

Janaina Fabris
Senior Scientist
M: +61 461 491 213
E: Janaina.Fabris@dpi.qld.gov.au

The Gatton AgTech Showcase is funded by Hort Innovation, using the vegetable and onion research and development levies, with contributions from the Hort Frontiers Advanced Production Systems fund, the Australian Government and co-investment from the Queensland Department of Primary Industries.

Hort Innovation is the grower-owned, not-for-profit research and development corporation for Australian horticulture.

The protected cropping exhibition and speaker program is part of the National Horticulture Roadshow. The National Horticulture Roadshow is being delivered by the National Farmers' Federation, in collaboration with the NFF Horticulture Council, with funding from the Australian Government Department of Agriculture, Fisheries and Forestry (DAFF) through the Showcasing Australian Horticulture grant.

GATTON AGTECH SHOWCASE 2025

Thank you!

National Horticulture Road Show

Australian Agritech Association

National Farmers Federation | Horticulture Council

AUSVEG

Australian Government
Department of Agriculture, Fisheries and Forestry