



Dumbleyung Ag TechXPO



TUESDAY, 23RD JULY 2024

Stubbs Park, 70 Bahrs Rd Dumbleyung

TECHNOLOGY
for
FARMERS





P Parking

P Caravan/RV Parking

X No Public Access

M Muster Points

C Coffee Van

T Toilets



Exhibitors

AGTECNIC

Developer and supplier of autonomous solutions and Situational Awareness Technology to developers of agricultural off-road autonomy solutions.

agtecnic.com



AGAREA

Simplifying insurance and finance for business partners. Agarea is a data-driven platform focused on providing risk transfer and platform services to the agricultural sector.

agarea.com.au



AXISTECH

AxisTech is an Australian based AgTech solution provider specialising in IoT and Data management for Farms and Agribusiness.

AXISTECH.CO



CARBON101

A soil sampler machine that allows for easy collection, transporting and access to the information needed for taking advantage of carbon farming government initiatives.

carbon101.com.au



EBOTTLI

Easy and affordable mobile solutions (RFID, QR codes) to streamline farmers' and producers' operations for efficiency, compliance with regulations, and ensuring provenance.

e bottli.com



FIELD SOLUTIONS GROUPS

Field solutions group is an asx listed telecommunications carrier and technology company providing connectivity and business solutions for rural, regional and remote areas.

field-solutions.com



HY-BOOST TECHNOLOGY

A cost-effective transition step for existing combustion engines that generates hydrogen 'on demand' at a speed and volume. Producing up to 35% fuel savings increased power and significant emissions reductions.

hy-boost.com



MISSION CRITICAL GROUP

A highly accurate moisture and carbon sensor for deployment on standard agricultural vehicles that will acquire a 2D map of the moisture content and carbon in a soil at depths down to 40cm.

mcg.tech



RED EARTH POLLEN

Developing extraction processes to obtain bioactive molecules from Western Australian honeybee propolis. Propolis extracts have phytomedicine applications and are in high demand in international cosmetic and nutraceutical sectors.



SEAWEEDERY

Rescuing flavours and nutrition lost or wasted in seafood supply chain.

seaweedery.com.au



SQUADRONE PTY LTD

Making STEM education interactive and enjoyable. Bridging the gap between theoretical knowledge and real-world application to inspire children and adults for future careers in STEM fields including agriculture.

squadrone.com.au



THE FUN GUY WA

Fulfilling the shortage of diverse, locally grown fungi using local agricultural by-products like blue gum sawdust and lupin hulls.

thefunguywa.com.au



HARVEST START-UPS TO BE CONFIRMED



Program

Timeframes	Presenter	Location
9.00am - 9.05am	MC welcome	Main Tent
9.05am - 9.10am	Welcome to Country	Main Tent
9.10am - 9.15am	Shire President Welcome	Main Tent
9.15am - 9.40am	Brad Egan - Data Driven Farm Decision Making	Main Tent
9.40am - 10.00am	Brad Jones - Technology Stacking – learnings from the paddock	Main Tent
10.00am - 10.15am	Keynote speaker question time - Brad Jones (Bungulla Farms) Brad Egan (Egan Farming)	Main Tent
10.15am - 10.30am	Allan Every, Field Solution Group - The Holy Grail: Solving Connectivity Problems	Main Tent
10.30am - 11.00am	Morning Tea provided by the Dumbleyung Roadhouse	Stubbs Pavilion
11.00am - 12.45m	Harvest Accelerator presentations	Stubbs Pavilion
11.00am - 12.45pm	Research to Practice presentations: Nik Callow – How to make more of your water on farm. Richard George – Water Smart planning to optimise water quality and quantity. Julia Easton - Predicting Crop Yields. Dean Revell - How to know if carbon farming makes sense for your farm business. DPIRD Subsoil Scientist - Tech for managing subsoil constraints. Phil Honey - AG devices and sensors learning from the paddock.	Main Tent
12.45pm - 1.45pm	Hot Lunch provided by the Dumbleyung Roadhouse	Main Tent
1.45pm - 3.00pm	Harvest Cohort and Alumni one on one meetings with farmers	Stubbs Pavilion
1.45pm - 2.15pm	Farmer to Investor - what to know, what to be aware of. Tash Ayers, Harvest Program Lead Brad Jones, Farmer investor	Main Tent



2.15pm - 2.35pm	Simon Foley, Agworld – Building a Tech Stack in your business.	Main Tent
2.35pm - 2.55pm	Rob Kelly, Agora – Key learnings from the online Ag marketplace.	Main Tent
2.55pm - 3.15pm	Cam Edwards, AxisTech - Keeping Ag Tech Running: Connectivity basics for a more resilient farm	Main Tent
3.15pm - 3.45pm	Panel of speakers Q&A - What's in it for me as a farmer? Cam Edwards, AxisTech Phil Honey, Stirlings to Coast Rob Kelly, Agora Livestock Tash Ayers, Harvest Program Lead	Main Tent
3.45pm - 4.00pm	Agdots - Review of Day - Where to from here, what do you want to see more of?	Main Tent
4.00pm +	Sundowner at The G.O.D.I sponsored by Field Solutions Group	The G.O.D.I



Presenters



Brad Egan - Egan Farming

Brad runs a dryland broadacre cropping business in Scaddan, Western Australia, with his parents. After earning an agribusiness degree from Curtin University, he returned to the family farm, where he oversees precision agriculture and uses his expertise in business analytics and agronomy to inform decision-making. An advocate for ag-tech, Brad's dedication to data-driven farming earned him the 2022 Young Farmer of the Year and an Excellence in Innovation award. He finds great satisfaction in using data to make precise management decisions and validate his instincts.



Brad Jones - Bungulla Farms

Brad Jones is a data-driven farmer who manages Bungulla Farming in Tammin, Western Australia. Recognizing the need for maximum utilization of farm assets, Brad implemented a data-driven approach to improve the profitability and sustainability of the farm. By analysing extensive data from soil sampling, NDVI imagery, and yield mapping, Brad makes informed decisions that optimize the use of machinery, soil, and labour, resulting in 60% of his decisions being data-driven and enhancing the farm's overall effectiveness.



Allan Every - Field Solutions Group

Agri-tech manager at Field Solutions Group.
Brought on board to develop the Ag IoT technology stack for FSG.
Late bloomer when it comes to technology having been thrust into the technology space at the age of 55.
Have worked in many areas of agriculture in addition to technology including cropping, grazing, feed lotting and contracting.



Nik Callow - UWA School of Agriculture and Environment

Has a partnership with the Western Australian Government (DBCA) to design, implement and evaluate interventions that led to a 20% reduction in salt reaching the Toolibin Lake Ramsar-listed wetland, and applied research with DBCA, DWER and DPIRD on salinity and water resource challenges in a drying climate. Developing new tools to map frost damage using drones, satellite and on-ground remote sensing in wheat crops to address problems that costs Australian growers \$300 million per year in lost income with the GRDC.



Presenters



Richard George - DPIRD

Dr Richard George is a Senior Principal Research Scientist in Water Science. He is responsible for the coordination and delivery of Land and Water research and leads Major Projects in Irrigation, Drought & Hydrology Research areas. Richard has over 37 years experience in land and water resource assessment, including the assessment and management of soil salinity issues in dryland and irrigated agriculture.



Julia Easton - Curtin University

Senior Research Fellow in agribusiness analytics, leading the Curtin 4 Agribusiness Profitability (C4AP) initiative in the Centre for Crop and Disease Management. C4AP work closely with leading data practitioners in the grains and horticulture industry. We are focussed on delivering next generation agribusiness and spatial data analytics research to underpin future farm profitability and sustainability.



Dean Revell -Select Carbon

Dean Revell is the CEO of Select Carbon, working with landholders to integrate carbon farming into agricultural businesses. Dean has been working in the carbon sector for 5 years, after having established Revell Science as an independent consultancy to link science to practice, and working in R&D at CSIRO and at universities in WA, SA and NZ.



Phil Honey - Stirlings to Coast

Is the president of Society of Precision Agriculture Australia, SPAA. Philip is a research scientist in the agricultural & environmental industries with a strong focus on technology implementation & adoption, precision agriculture, AgTech & communication networks. He is passionate about implementing research and managing projects which integrate digital technologies & modern farming practices to improve on-farm productivity, environmental, operational resilience and profitability outcomes.



Tash Teakle - AgriStart

Tash Teakle comes from a farming family in Cunderdin and her business, AgriStart, is based in Vasse. AgriStart delivers innovation training to support commercialisation of agtech, supporting hundreds of businesses over the last 8 years. Tash also undertakes several board and advisory roles and is an active angel investor.



Simon Foley - Agworld

Simon Foley joined Agworld in September 2014 and is now Director of sales and site leader APAC for Australia, New Zealand and South Africa. Simon has over 30 years' experience in broadacre grain farming systems extending from in field production agronomics to farm and business management. Prior to Agworld, Simon consulted to farm businesses across WA and held senior management roles in a boutique funds management company focussed on agricultural investments. He holds an Agricultural Science (Hons) degree from the University of Western Australia.



Rob Kelly - Agora Livestock

Rob grew up on a farm in Kojonup and studied Ag Science at UWA. He spent 10 years at Plum Grove in a grain trading and risk management role and was also instrumental in the design and development of DailyGrain (now owned by CBH), a price discovery platform for WA's grain market. He started Agora Livestock (previously known as LIVestock Pricing) in 2017 as a price discovery tool for the livestock industry.



Cam Edwards -AxisTech

Cam Edwards is the Client and Partnership Development Manager for Axiotech in WA, leveraging over 20 years of experience with Telstra, Optus, and NBN Co. in the regional telecommunications industry. He is passionate about driving tech adoption by myth busting, simplifying, and making sure our tech compliments our lives rather than complicating it.



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**GROWER
GROUP
ALLIANCE**
Together we grow



FIELDsolutions rural
regional
remote
TELECOMMUNICATIONS + SOFTWARE + CLOUD



We would love
your feedback on
this event.
Please take the
time to scan the
QR code and
answer 4 simple
questions.



Shire of Dumbleyung

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