AgTech Officer

- Are you passionate about digital technologies?
- Are you interested in agriculture and primary industries?
- Are you looking to widen your industry experience?
- Are you looking to gain more skillsets?

This is your opportunity to be mentored by subject matter experts in their field to develop the skills required to engage with primary producers, community, and work colleagues to share knowledge and improve uptake of digital technologies.

POSITION DESCRIPTION

Program	Agricultural Digital Support Work Placement Program (ADSWPP)	
Position Title	AgTech Officer	
Salary	Salary will vary on experience of candidate. Plus a training package worth over $30k	
Incumbent	This position is full time commencing in January 2024, ceasing in December, 2024 (12 months duration only)	
Location	Townsville / Ayr	
Reports To	Luke Malan – Managing Director	
Key Relationships	*Internal:*	IOT Engineer – TBA; Managing Director – Luke Malan
	External:	Landholders, other Trainees, Queensland Farmers' Federation, other extension staff

Position Summary:

The Queensland Government has engaged the Queensland Farmers' Federation (QFF) to facilitate the Agricultural Digital Support Work Placement Program (ADSWPP), which aims to improve the capacity of up to twenty (20) Ag Tech officers. The program will enhance your skills in digital technologies as you complete numerous skillsets to assist in knowledge sharing with agribusinesses and producers to implement the uptake of digital technologies throughout Queensland.

The program will enhance trainees' skills in the digital technologies sector to help agribusinesses with the adoption of Ag Tech within their business. Trainees' will be employed for a period of 12-months to assist the uptake of ag tech through their host organisations, supported by mentoring from experienced advisors and a tailored training program completing numerous skill sets. Ag Tech Officers will also have the opportunity to build professional and local networks with their fellow officers, industry advisors, and in their local communities.

Graduates will be employed for a period of 12-months to assist with the delivery of digital technologies uptake services through their host organisations, supported by mentoring from experienced advisors and a tailored training program.

Host Organisation and Work Location:

About Us:
Aglantis is at the forefront of precision agriculture, integrating state-of-the-art IoT technologies with traditional farming practices. Our aim is to revolutionise farming, offering innovative solutions that enhance productivity and sustainability. Join us on a journey where technology reshapes the future of agriculture.

Job Overview:
We are seeking an AgTech Officer to work collaboratively with our IoT Engineer on a research and development project with La Trobe University. This role is key for individuals passionate about utilising technology in agriculture, particularly focusing on developing an automated irrigation system for sustainable farming.

Trainee Role & Responsibilities:

The successful Ag Tech Officer will work with the selected host organisation to support producers to uptake digital technologies and implement on farm.

The Ag Tech Officer will:

- Increase their capacity to deliver digital technology advice by working with landholders to facilitate change on their property. This is achieved by helping people gain the knowledge and confidence required for practice change and providing support to ensure it is implemented cost effectively.
- Work with their organisation's mentor to develop and implement a 12-month work program that supports landholders to adopt practices that improve digital technologies. This work program will need to be approved by both Luke Malan and QFF.
- Actively contribute to the design and delivery of their program, as well as to the design and delivery of extension activities under the guidance of their mentor (s).
- Complete a skills needs assessment. This will allow for activities specified in the work program to be tailored to the Ag Tech Officer's needs.
- Attend designated training programs and demonstrate competency in specified training units.
- Demonstrate skill development to the satisfaction of their mentor and meet agreed performance standards.
- Develop and implement a stakeholder engagement plan to proactively engage with internal and external stakeholders and create their own networks throughout the year.
- Undertake evaluation activities and participate in a public forum to report on outcomes of the program.
- Actively participate and potentially present at events and other forums as requested.
- Work closely with the IoT Engineer in designing, developing, and implementing an automated irrigation system as part of an R&D project with La Trobe University.
- Actively participate in field testing of the irrigation system, ensuring its effectiveness in sugarcane farming.
- Play a pivotal role in integrating and optimising IoT technologies for agricultural applications.
- Contribute to data collection, analysis, and reporting to assess system performance and efficiency.

- Engage with farmers and stakeholders in the Lower Burdekin region to understand their needs and gather feedback on developed technologies.
- Provide support in troubleshooting and maintaining the system under field conditions.

Ag Tech Officers will be required to attend all training activities as per agreed work program, including:

- The induction workshop (to take place within the first two weeks of commencement).
- The mid-term review workshop.
- All training events identified in the training plan.
- The final evaluation event.

Eligibility Criteria:

Essential
To be eligible as an Ag Tech Officer, candidates must:

1. Be an Australian or New Zealand citizen or hold an eligible work visa.
2. Be aged 15 years or over.
3. Hold a 'Class C' Queensland driver's license.
4. Be willing to work for Aglantis in the Townsville/Ayr region. It will be the Ag Tech Officers responsibility to organise relocation to the host organisation's office at their own cost.
5. Be able to commence work in January 2024.
6. Be committed in participating in the program for the 12-months duration.
7. Be able and willing to travel throughout a region as part of their work. This may include multiple days away at a time.
8. Actively participate in specified training and demonstrate competency in agreed key performance indicators
9. Demonstrate capacity to work independently within a team environment
10. High-level verbal communication skills and demonstrated networking skills.

Desirable
1. A strong interest and/or passion for agriculture and digital technologies.
2. Experience with IoT technologies.
3. Knowledge of or experience in sugarcane farming and irrigation systems.

QFF and Aglantis support equal opportunity employment, Aboriginal people and Torres Strait Islanders are encouraged to apply.

Selection Criteria:

Applications will be assessed against the following criteria:

1. Level of skills and training and personal attributes that could be used to perform the role as an Ag Tech Officer to improve uptake of digital technologies. This could include demonstrated successful completion of studies in Agriculture, Science, or Information Technology (IT).
2. Demonstrated high-level communication skills and a strong ability to engage and build networks effectively.
3. Good understanding of the agricultural industry/ host organisation being applied for.

Submitting an Application:

Candidates are asked to submit the following information:

1. Current Curriculum Vitae (CV).
2. Cover Letter (maximum two pages), or a 3-minute video clip that responds to the selection criteria and summarises why are you interested in this role and why you should be considered for this role.
3. Your 3 job preferences.
4. Proof of nationality or a permanent residence visa.
5. Certified copies of your academic record and academic transcript if applicable.
6. Two referee contacts.

Please submit the above information on JotForm **by 5pm, 10th December 2023.**

Application and Assessment Cycle:

The following sequence outlines the work placement cycle.

Event	Proposed Date
Call for Ag Tech Officer Applications Open	Friday 1st December 2023
Call for Ag Tech Applications Closes	Sunday 10th December 2023
Interviews of shortlisted applicants	18th – 20th December 2023
Applicants advised of selection outcomes	Friday 22nd December 2023
Proposed starting date	Monday 22nd January 2024
Induction workshop	Tuesday 30th and Wednesday 31st January 2024

These are tentative dates. You will be advised of any changes.

If you are successful, QFF Project Coordinator Tim Bradley will contact you to discuss the details of your employment and contract. The details will be aligned to the agreement between Aglantis and QFF, according to the provisions of the Department of Youth Justice, Employment, Small Business and Training.

Further Information:

For any queries related to the Agricultural Digital Support Work Placement Program contact Tim Bradley at agtech@qff.org.au or phone 0481 010 756.