# Position Details

## Research Projects- CSOF3

|  |  |
| --- | --- |
| The following information is for applicants | |
| Advertised Job Title | Research Technician – Farming Systems |
| Job Reference | 90334 |
| Tenure | Specified Term of 3 years  Full-time |
| Salary Range | AU$68,148 – AU$86,733 per annum plus up to 15.4% superannuation |
| Location(s) | Toowoomba, QLD |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian/New Zealand Citizens and Australian Permanent Residents Only |
| Position reports to the | Principal Research Scientist & Project leader |
| Client Focus – Internal | 0% |
| Client Focus – External | 100% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Lindsay Bell via email at [lindsay.bell@csiro.au](mailto:lindsay.bell@csiro.au) or phone +61 409 881 988 |
| How to apply | Apply online at <https://jobs.csiro.au/>  Internal applicants please apply via **Jobs Central**  If you experience difficulties when applying, please email [careers.online@csiro.au](mailto:careers.online@csiro.au) or call 1300 984 220. |

**Acknowledgement of Country**

CSIRO acknowledges the Traditional Owners of the land, sea and waters, of the areas that we live and work on across Australia. We acknowledge their continuing connection to their culture and pay our respects to their Elders past and present. View our [vision towards reconciliation](https://www.csiro.au/en/about/Indigenous-engagement/Reconciliation-Action-Plan).

### Role Overview

The role of Research Projects staff in CSIRO is to collaborate in scientific and technological activities with other research staff usually by assisting with detailed planning, undertaking or assisting with experimental, observational or technology development work, and in carrying out the more practical aspects of the work.

CSIRO Agriculture and Food’s Farming Systems research program is a world leading research group examining options to improve the productivity and sustainability of agriculture in Australia and across the globe. The Research Technician will join the Future Farm Enterprises team in Toowoomba and support its field-based research activities. They will primarily support the ongoing management and implementation of a long-term farming systems experiment, west of Toowoomba (running until June 2025). They will also collaborate with others on a range of agricultural research projects across the region, including cotton breeding and evaluation, grain and forage agronomy and soils research. The Research Technician will have the opportunity to gain strong experience in implementing complex agricultural experiments, management of data, implementing new and novel digital approaches and understanding of farming systems.

### Duties and Key Result Areas

* Take a lead role in implementing complex farming systems and agronomic experimentation.
* Assist with agricultural management of crops (e.g. spraying, harvesting, monitoring) and experimental site management, and follow protocols to collect soil & plant samples and prepare these for analysis.
* Develop and implement improved digital techniques in experimental approaches including integrated sample-data systems, new tools and technologies, sensor networks and other environmental monitoring systems.
* Undertake and complete tasks often with competing time-frames, working with discretion to decide on the timing of operations within the work team’s plan and planning ahead to meet experiment and/or project demands.
* Communicate openly, effectively and respectfully with all staff, clients, collaborators and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Work collaboratively as part of a multi-disciplinary, often regionally dispersed research team, and business unit to carry out tasks in support of CSIRO’s scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment plans and policies, Diversity initiatives and Zero Harm goals.
* Other duties as directed.

## **Selection Criteria**

#### Essential

*Under CSIRO policy only those who meet all essential criteria can be appointed.*

1. Relevant trade certificate/diploma/bachelor’s degree or equivalent relevant work experience in agricultural science or similar field.
2. Experience with implementation of experimental procedures including accurately recording and managing various types of data.
3. The ability to work effectively as part of a multi-disciplinary team, plus the motivation and discipline to carry out autonomous activities.

## **Desirable**

1. Experience with agronomy and management of a variety of crops, particularly those grown in subtropical farming systems.
2. Experience with implementing agricultural experiments including soil and plant sampling procedures.
3. Interest or experience with application of information & new technologies in agriculture (e.g. sensors, computer applications, drones).

## **Required Competencies**

* **Teamwork and Collaboration:** Proactively seeks and considers the ideas and opinions of others from within and outside the team to help form decisions, plans or actions.
* **Influence and Communication:** Puts forward ideas by presenting factual information supported by data, definitions, examples, illustrations or other aids, which will assist in conveying meaning.
* **Resource Management/Leadership:** Provides instruction and assists other staff to complete allocated tasks and activities.
* **Judgement and Problem Solving:** Identifies and considers the implications of a range of available alternatives in order to select the most appropriate response to problems of a familiar or recurring nature.
* **Independence:** Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).
* **Adaptability:**Willingness to change ideas or perceptions based on new information, contrary evidence or other people's points of view. Prepared to try out different approaches.

Special Requirements

Appointment to this role may be subject to conditions including provision of a national police check as well as other security/medical/character clearance requirements.

* The successful candidate will be asked to obtain and provide evidence of a National Police Check or equivalent. Please note that people with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.
* The successful candidate will be required to undertake a pre-employment medical examination prior to commencement.

## **About CSIRO**

We solve the greatest challenges through innovative science and technology. To find out more visit us [online](http://www.csiro.au/)!

CSIRO is a values-based organisation.  In your application and at interview you will need to demonstrate behaviours aligned to our values of:

* People First
* Further Together
* Making it Real
* Trusted

Find out more about CSIRO [Agriculture and Food](https://www.csiro.au/en/Research/AF)