# Position Details

## Technical Services- CSOF3

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| The following information is for applicants |
| Advertised Job Title | Research Technician (Entomology) |
| Job Reference | 76801 |
| Tenure | Specified Term of 12 months Full-time  |
| Salary Range | AU$63,594 to AU$80.937 pa up to 15.4% superannuation |
| Location(s) | Brisbane, Qld |
| Relocation Assistance | No |
| Applications are open to | * Australian/New Zealand Citizens and Australian Permanent Residents Only
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| Position reports to the | Maryam Yazdani  |
| Client Focus – Internal | 0% |
| Client Focus – External | 100% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Maryam Yazdani via email at Maryam.Yazdani @csiro.au or phone +61 7 3833 5713  |
| 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 or call 1300 984 220. |

### Role Overview

This position is an exciting opportunity for a research technician to join and contribute to the Program Managing Invasive Species and Diseases of the Health and Biosecurity Business Unit of CSIRO. This multi-disciplinary program undertakes research to help prevent, contain or manage national priority pests, weeds and diseases of agriculture and the environment. This position will also play an integral role in CSIROs newly formed Trusted Agrifood Exports Mission which aims to boost global export earnings of Australian grown food through tools and technologies that verify our quality, safety and clean and green credentials. Research will help overcome the market access barriers that pests and diseases pose to trade.

As Research Technician you will provide support for scientific research in a diverse range of laboratory and field situations across a range of different research projects. That will include sourcing and maintaining cultures, infesting fruit in standardised wise to be used to test the ability of optical scanning technologies to detect fruit and to support diagnostics and eDNA studies, and conducting field and laboratory studies to support the development of protocols needed to allow safe trade in fresh produce.

### Duties and Key Result Areas:

* Work as part of a multi-disciplinary research team to carry out tasks under limited direction or supervision in support of scientific research projects.
* Participate in laboratory and field work by implementing agreed protocols, identifying areas for improvement and proposing/developing solutions
* Oversee the activities of less experienced staff and provide on-the-job training, as required.
* Laboratory-based work includes repetitive work, moving heavy loads, insect handling following strict protocols in quarantine, as well as laboratory experiments and maintenance of accurate records.
* Collect, process and undertake basic analysis of literature and experimental data with a high level of care and precision on an ongoing basis, and produce reports for supervisor(s).
* Assist in the general operation of work areas (laboratories) and care of equipment.
* Look for opportunities to develop original experimental methods/equipment/software/concepts/ ideas in support of existing and further research.
* Communicate effectively and respectfully with all staff, collaborators, customers and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Work collaboratively with colleagues within your team, the business unit and across CSIRO, to reach objectives.
* Adhere to the spirit and practice of CSIRO’s Values, Health, Safety and Environment plans and policies, Diversity initiatives and Zero Harm goals.
* Other duties as directed.

## **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.

## **Selection Criteria**

#### Essential

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

1. An Undergraduate Degree in Science or related field, or equivalent experience.
2. A current driving license.
3. Demonstrated hands-on ability to conduct laboratory experiments with insects or plant pathogens, including knowledge of techniques for culturing of insects.
4. Demonstrated ability to collect, collate and visualise experimental results, and to scan and synthesise relevant literature, to provide to colleagues and supervisors.
5. Self-motivated with the ability to work in a team environment and share resources and tasks effectively to meet deadlines.
6. Demonstrated ability to adapt to a dynamic work environment while maintaining work quality standards and performance.
7. Capacity to undertake, or learn, basic analyses of data in relation to experiments, to interpret and report results to supervisors.
8. Demonstrated experience working with people from different culture and countries

## **Desirable:**

1. Demonstrated ability and willingness to travel within Australia.

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.

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