

MOLECULAR PLANT PATHOLOGIST – WOODFORD, QLD

About SRA

Sugar Research Australia (SRA) is owned by the Australian sugar industry and is a global leader in sugarcane industry research and development. SRA strives to shape the future prosperity of the Australian sugarcane industry and regional communities through innovation and ingenuity.

We have highly dedicated and passionate people working on industry-critical projects to deliver tangible value outcomes and impact for our industry stakeholders.

About the role

Reporting to the Manager Biosecurity and Disease Screening this key position provides technical leadership of SRA's biosecurity and quarantine functions including DNA based diagnostic testing.

Contributing to research related to biosecurity, execution, and continuous improvement of routine disease resistance screening, and providing technical support for industry biosecurity issues the position works closely with the Manager Biosecurity and Disease Screening, Plant Breeding Managers, Pathologists, Entomologists and other specialists to mitigate risk from endemic plant pathogens and prepare for exotic incursions.

The position also works with the Commercial Development team to identify potential opportunities for project development and funding.

Key responsibilities include:

- Provide scientific expertise in the areas of biosecurity, plant health, diagnostics and related disciplines and contribute to the execution of research projects and routine field and laboratory activities
- Contribute to provision of biosecurity and pathology advice to SRA staff and stakeholders including industry training
- Design and deliver research aligned to SRA research missions including development, validation and implementation of innovative practices and technologies to control endemic diseases and prepare for exotic incursions
- Understand past research outputs and the potential for their application to improve productivity and input efficiency
- Collaborate with the broader research community to develop new techniques and technology for disease diagnostics and biosecurity preparedness
- Contribute to the development and execution of consultancies, contract work and other commercial activity aligned with SRA objectives

About you - required experience and attributes

- Experience in molecular plant pathology with demonstrated technical competence in the development and application of DNA based diagnostic methods
- Scientific expertise in plant pathology with applied experience in molecular pathology
- Experience in grant writing and conducting research projects
- Demonstrated experience leading staff and managing complex research logistics
- Demonstrated proficiency in scientific writing and communication
- Ability to translate complex scientific principles and outcomes to a variety of audiences
- Strong collaborator across the organisation and external partners
- At least three years of relevant post-Doctoral experience

To apply

For further information, please refer to the Position Description by copying the following URL into your web browser:

https://sugarresearch.com.au/sugar_files/2022/07/202207-Position-Description-Molecular-Plant-Pathologist.pdf

If your capabilities and experience meet the requirements of the role and you would like to be part of our dedicated team, please apply using the below links no later than 8.00 am 20 May 2022. Your application should include your resume and address the requirements of the position.

[SEEK Application](#)

[SRA Website Application](#)