

## PLANT PATHOLOGIST

March 2022

### Vacancy at SciCorp Laboratories (Pty) Ltd, Pretoria Branch.

SciCorp has a vacancy for a qualified, experienced Plant Pathologist to be based at their Pretoria branch.

#### RESPONSIBILITIES

- Perform diagnostic work to identify plant pathogens
- Using accredited published methods for plant pathology, serological, and molecular techniques to detect pathogens on seeds for seed health tests.
- Maintain hygiene standards in the laboratory and pathology greenhouses.
- Tissue sampling and other routine tasks associated with experiments
- Collection and maintenance of reference organisms.
- Mechanical inoculation of virus, bacteria, fungi, oomycete, nematode and other pathogens in field, greenhouse, and growth chambers
- Bioassays with insects/vectors
- Perform routine data collection from various sized research projects and entry into enterprise systems
- Prepare clear, accurate, and concise reports of results, and communicate to customer or colleague stakeholders
- Perform complex molecular lab work
- Perform complex data analysis using parametric and non-parametric statistical models
- Lead a cross-functional team in innovating, developing, and enabling new phenotyping, diagnostic, and other assays for existing and new problems
- Network internally to innovate and enable new tests
- Network externally to assess state of the art and evaluate new research opportunities
- Propose and lead external collaborations directed toward goals
- Ability to innovate to design and implement new screening methods & platforms for existing or emerging diseases
- Review literature and stay up to date on the latest technologies

#### QUALIFICATIONS

**Minimum:** MSc preferable PhD in Plant Pathology, Botany, Horticulture or Biology.

3-5 years of proven commercial expertise and experience in plant pathology

Good understanding of export market requirements.

Strong communication, relationship, and networking skills.

Strong proven leadership skills.

He/She has the proven ability to operate both independently and within a team.

Legal driver's licence.

Please send your CV to:

[admin@scicorplab.com](mailto:admin@scicorplab.com)