CROP SCIENCE – BREEDING

Research Associate – Plant Health

YOUR TASKS AND RESPONSIBILITIES
Protecting genetic yield potential through developing products that can withstand biotic and abiotic stress is the key responsibility of the Plant Health team within Breeding. The pathology program focuses on the identification, characterisation and deployment of native trait disease resistance/tolerance into the germplasm. The main deliverables for the Plant Health Research Associate will be the evaluation of germplasm for market relevant biotic and abiotic stresses and generating high quality phenotypic data to enable accurate and timely decisions for product advancement and placement. The key responsibilities include managing operations of glasshouse, summer and winter phenotyping nurseries.

MAJOR RESPONSIBILITIES:

Responsibilities include but are not limited to:

- Contribute in all aspects of pathology that include lab operations (disease diagnosis, and pathogen inoculum production) and field/farm operations (pathogen inoculation and rating)
- Manage all plant health phenotyping and testing operations and ensure timely delivery of high quality data
- Ensures high level quality data collection in a timely manner with the appropriate digital tools and entry into enterprise systems
- Partner with Seed Production, Product Development and Phenotyping teams to build aligned and efficient Plant Health testing workflows for breeding pipeline delivery

Application Period
11 May 2021 – 24 May 2021

Reference Code
CS/Breeding/PH/RA

Division
Crop Science

Company
Bayer (Pty) Ltd

Department
Breeding

Location
Petit

Functional Area
Plant Health

Position Grade
VS1.1

Employment Type
Permanent

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- Collaborate with Global Plant health teams in the testing and delivery of global native trait projects
- Actively participate in the evaluation and execution of new technologies (digital tools, systems) and equipment
- Ensure compliancy to all Bayer Health, Safety and Environment polices, and adequate training of all junior and seasonal staff working in the lab or fields to ensure safe operations

WHO YOU ARE

QUALIFICATIONS & EXPERIENCE:

- Required: BSc. in Plant Pathology (or Agronomy, Plant science, or related discipline) with 2-years post qualification experience
- Preferred: MSc. in Plant Pathology (or Agronomy, Plant science, or related discipline)
- Basic knowledge of plant pathology/mycology, disease diagnosis and disease rating
- Individual leadership and people management skills
- Excellent organizational and record keeping skills with demonstrated abilities to use digital tools (advanced computer skills), analyze and interpret data
- Ability to perform successfully in a fast-paced, dynamic, team-based environment with strong collaboration skills
- Excellent written and verbal communication skills (English and local languages)
- Driving license "B" category

CONTACT US

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