The Agricultural Research Council (ARC) is a premier science institution that conducts research with partners, develops human capital and foster innovation in support of the agricultural sector. It provides diagnostic, laboratory, analytical, agricultural engineering services, post-harvest technology development, agrochemical evaluation, consultation and advisory services, food processing technology services as well as various surveys and training interventions. Through its wider network of research institutes and experimental farms, the ARC provides a strong scientific base and a broadly distributed technology transfer capacity to the entire agricultural industry in South Africa.

The ARC-Plant Health and Protection (ARC-PHP) seeks to appoint highly skilled, experienced and dynamic persons to the following positions at Vredenburg and Roodeplaat:

POST-DOCTORAL RESEARCHER SOILBORNE DISEASES (RE-ADVERT) (THREE (3) YEAR FIXED TERM CONTRACT)

Key Performance Areas:

- Molecular characterization of soilborne pathogens.
- Molecular detection and quantification of soilborne pathogens in soil, plants and seed.
- Prepare reports for and conduct contract research independently.
- Publish research results in peer-reviewed scientific and in popular journals.
- Present research results at national and international forums.
- Assist with organising scientific events.
- Supervise technical personnel.

Requirements:

- PhD in either Plant Pathology, Microbiology or Biotechnology that includes molecular detection and quantification.
- A valid code 08/EB driver's license.

Enquiries: Prof SC Lamprecht, Tel: (021) 887 5090

RESEARCHER: ENTOMOLOGY/ACAROLOGY X 2
(THREE (3) YEAR FIXED TERM CONTRACT)

Key Performance Areas:

- Plan and undertake research on the biosystematics and diagnostics of Lepidoptera, Hemiptera or Acari, with a good understanding of insect or mite/host interactions.
- Successfully managing and implementing research projects in either of these fields.
- Experience in molecular biology.
- Collections management, data-base upkeep and curation.
- Actively source research and funding opportunities.
- Disseminate research results as scientific peer reviewed publications, congress presentations popular articles and client reports.
- Participate in outreach activities.
- Mentorship of post graduate students and presentation of courses.

Requirements:

- A PhD or MSc with 5 years' relevant work experience in Entomology or Acarology.
- SACNASP registration and/or NRF rating.
- Proven track record of successful proposal writing.
- Proven track record of successful completion of applied field research projects.
- Ability to work in cross-cutting and inter-disciplinary teams.
- Willing to travel.
- Substantial record of relevant scientific publications.
- A valid code B/EB driver's license.

Enquiries: Enquiries: Dr I Rong, Tel: (012) 808 8183

CLOSING DATE FOR APPLICATIONS: 09 JULY 2024

Competitive remuneration package will be congruent with the scope, responsibilities, and the stature of the position. The appointment will be subject to a positive security clearance and preference will be given to designated groups in terms of the ARC Employment Equity Plan. Permanent appointments are subject to six (6) months' probation period. The Agricultural Research Council is an equal opportunity employer and is committed to the principles and processes of Employment Equity Act.

Applications accompanied by covering letter, detailed CV (Including certified copies of certificates, supporting documents, copy of driver's license) must be attached on the form.

- To apply for **Post – Doctoral: Soilborne Diseases** https://forms.office.com/r/vwEznwScet
- To apply for **Researcher: Entomology/Acarology X2** https://forms.office.com/r/LJpPd2apxx

NB: Non-RSA citizens with work permit must attach certified copies as well as the names and particulars of three (3) traceable referees.

SAQA evaluation report must accompany foreign qualifications. Incomplete applications will not be considered. Applicants who do not receive any response four (4) weeks after the closing date must regard their applications as unsuccessful. The company has the right not to appoint.