Plant Pathology Research Specialist
Carrington Research Extension Center

https://jobs.ndsu.edu/
Opening #1400483

Assist in development and implementation of plant pathology program; agronomy, plant science, plant pathology, or related background sought.

Position: Full-time

Salary: Commensurate with experience

Benefits include retirement plan and full coverage for family health insurance

Location: Carrington, ND

To apply

- Visit https://jobs.ndsu.edu/
- create an account
- search for opening #1400483
- create and submit your application when prompted

Screening will begin
January 28, 2015

Direct questions to:
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Search Committee Chair
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Position Information

The Carrington Research Extension Center (CREC) is seeking a research specialist to become a member of a dynamic team investigating the epidemiology and management of diseases of field crops grown in North Dakota. The selected candidate will provide leadership and support for the successful execution of field, laboratory, and greenhouse studies within the CREC's plant pathology research program. Responsibilities include all activities associated with the successful execution of field studies, including tillage, planting, pesticide applications, harvest, grain cleaning, and seed yield and quality assessment; imposition of pesticide treatments with hand-held, ATV-mounted, and tractor-mounted booms; collection of detailed agronomic and disease data; microbiology work associated with inoculum production and laboratory studies; all activities associated with the successful execution of greenhouse studies; assistance with research trial design, data analysis, and reporting; and assistance with the supervision of seasonal and part-time student workers. Operation of agricultural field equipment will be expected. If the selected candidate has a master's degree, the candidate will have the opportunity to write grants in collaboration with the pathology research leader, serve as the lead on resulting grant-funded studies, disseminate results from the studies at meetings and outreach events, and publish the results..

The Carrington Research Extension Center is one of seven out-state NDSU Research Extension Centers. The CREC is located near Carrington, a community centrally located about two hours from each of the four largest cities in North Dakota. Carrington is a thriving community of approximately 2,500 people in a widely diversified agricultural production region of east central North Dakota. Carrington is a vibrant rural community with progressive schools (K-12), modern medical services (clinic and hospital), and recreation opportunities including hunting, fishing and birding. For further information visit http://www.carringtonnd.com/.

Minimum Qualifications

- Bachelor of Science degree in agronomy or closely related field.
- Experience in design and execution of field research studies.
- Familiarity with northern plains crops and crop production techniques.
- Demonstrated ability to operate agricultural field equipment.
- Willingness and ability to take detailed agronomic and disease notes in research trials.
- Willingness to learn microbiology techniques and to isolate, identify, and culture plant pathogens in the laboratory.
- Ability to analyze and interpret results.
- Excellent written and oral communication skills.
- Demonstrated organizational skills and ability to work within a team.

Preferred Qualifications

- Master of Science degree in plant pathology, agronomy, plant sciences, or a related field.
- Ability to isolate, identify, and culture fungal and bacterial plant pathogens in the laboratory.