

Graduate student on fertigation for potato cropping in New Brunswick Canada

2025-03-12

We are seeking a highly motivated and talented graduate student on fertigation for potato cropping in New Brunswick (NB), Canada. The student will join a well funded project to examine the effects of fertigation on potato growth, tuber yield and quality as well as its impacts on soil quality and the environment. The student will work closely with researchers and professionals from the federal government (Agriculture and Agri-Food Canada), the industry (McCain Foods), and professional organizations in the agricultural sector in NB (such as the Agricultural Alliance of NB). Through this program, the student will obtain knowledge on the potato industry and training on techniques for soil quality evaluation, irrigation and fertilizer management, agri-environmental monitoring and gain experiences on scientific research.

Position description

- The position will be based in Fredericton Research and Development Centre (FRDC) of Agriculture and Agri-Food Canada (AAFC)
- The position will be open in April, 2025 until it is filled
- The program can be tailored to at either the Master or PhD level, depending on the qualification of the candidate
- Supervisor: Dr. Sheng Li in FRDC
- Stipend: hourly rate based on Government of Canada's standard (<https://www.canada.ca/en/treasury-board-secretariat/services/pay/rates-pay/student-rates-pay.html>)
- The successful candidate must be enrolled in a graduate program in a recognized University in Canada before the official offer can be issued.

Requirement

- Major in soil science, agronomy, or a relevant area of agri-environmental or natural resource science
- Background and experiences on agriculture, soil or environmental assessment are considered assets
- Willingness to work in both field and laboratory settings
- Willingness to travel and work in remote locations

Application

- A CV describing research interests, qualifications and experiences
- Transcript (unofficial transcript is acceptable at the application stage)
- Contact information for three references
- Email to Dr. Sheng Li (Sheng.Li@agr.gc.ca)