

Job Posting: 4364 - Position: Weed Ecology/Cropping Systems Research Assistant

Co-op Work Term Posted:	Summer
Application Deadline	02/07 11:59 PM
Application Method:	Career Bridge
Posting Goes Live:	01/24 6:02 PM
Job Posting Status:	Approved

Company Information

Organization	Agriculture & Agri-Food Canada
Salutation	Mr.
Job Contact First Name	John
Job Contact Last Name	Doe
Contact Title	Weed Research Technician
Address Line One	1234 1 Avenue South
Address Line Two	Box 1234 Main
City	Lethbridge
Province / State	Alberta
Postal Code / Zip Code	T1K 3M4
Country	Canada

Job Posting Information

Term Posted	Summer
Job Title	Weed Ecology/Cropping Systems Research Assistant
Duration	4 Months
Job Location	Lethbridge
Job Description	

Description of Duties:

To assist in accurate data collection from crop agronomy field experiments with an emphasis on weed science. Student may be involved in data entry and organization, staking, seed drill calibration, seed treatment, seeding, plant counts, herbicide applications, plot maintenance, plant biomass, combining and hand harvest of crops, soil sampling/grinding and seed cleaning/weighing/quality analysis. From May to September the position would involve working outdoors every day (unless it is raining). Depending on the weather, we may require you to be available for longer days and occasional weekend work (students will typically work about one week of overtime during the work term).

Student will learn:

- Experimental design criteria and procedures
- Plot establishment and maintenance procedures
- Operation of farm equipment

- Seeding and harvesting methods
- Soil sampling methodology
- Weed and crop identification
- Procedures for measuring, mixing and applying herbicides
- Accurate data collection and sampling techniques
- About weeds and cropping systems
- About herbicide resistant weeds
- How cropping systems may be optimized to lower input costs and reduce environmental impact

Job Requirements

Essential Qualifications

Education: Enrollment in a recognized university or college with courses in science. Agriculture and plant biology courses are preferred.

Official Language

Proficiency: English Essential

Knowledge: Of Agriculture

Abilities & Skills:

- To assist in data collection from science experiments. Ability to follow protocols, accurately record data and work in the field.
- Adaptability
- Initiative
- Interactive Communication
- Teamwork

Conditions of

Employment:

- **Canadian Citizen**
- Security Clearance - Reliability Status
- Possession of a valid Canadian driver's license
- Willingness to work overtime
- Known allergies must be controlled through the use of personal protective equipment and/or medication and must not impinge upon the duties to be performed
- Ability to lift up to 20 kg
- Willing to work in the field for extended periods and under various weather conditions with appropriate safety precautions
- Able and willing to work with hazardous materials with appropriate safety precautions

Preferred Academic Level Undergraduate

All Programs

No

Targeted Degrees and Disciplines

Bachelor of Science (BSC)

Agricultural Biotechnology

Agricultural Studies

Biochemistry

Biological Sciences

Chemistry

Environmental Science

General Major - Science

Geography

Projected Start Date

May 01 12:00 AM

Projected End Date

August 31 12:00 AM