

**Posting**  
**FIELD PHENOMICS AND BREEDING OPERATIONS LEAD**

<b>Position Title:</b>	Field Phenomics and Breeding Operations Lead
<b>Hiring Unit:</b>	Department of Plant Science
<b>Supervisor:</b>	Prof. V. Hoyos-Villegas
<b>Work Location:</b>	Macdonald Campus, McGill University
<b>Hours/Week &amp; Schedule:</b>	Full time up to 35-40 hours per week. Due to weather-dependent activities during the field season, some weeks will include working on Saturday and/or Sunday. Hours exceeding 40 per week will be overtime hours and banked, in exchange for paid time off approved by supervisor and scheduled throughout the season during non-critical periods.
<b>Hourly Wage:</b>	\$19.50
<b>Planned Start Date &amp; End Date:</b>	1 year contract. January to December 2021. Contract renewal possible.
<b>Date of Posting:</b>	November 6, 2020
<b>Deadline to Apply:</b>	December 2, 2020

**PRIMARY DUTIES**

- Coordinate field and greenhouse activities for the pulse breeding and genetics program. Be responsible for seed stock inventory management.
- Establish and maintain field trials and nurseries associated with the pulse breeding and genetics program.
- Operate state-of-the-art field equipment for data collection purposes, such as the field phenomics platform, a navigation and image-processing system, and a variety of other field machinery.
- Maintain farm machinery and field phenomics equipment, including the phenomics platform. Install, connect/disconnect, test, calibrate, store, move sensors and data capture cameras.
- Responsible for providing training to users of the platform, scheduling use of the platform, tracking users and usage time, preparing invoicing of users.
- Prepare reports and statistics on use of the platform and field trials from breeding program. Develop and write standard operating procedures. Assist with student projects.

**EDUCATION/EXPERIENCE**

University degree required. Candidates with backgrounds in agriculture, biology or animal science preferred but not essential

**OTHER QUALIFYING SKILLS & ABILITIES**

- Demonstrated knowledge of farming and crop production. Demonstrated experience with field operations, operating field phenotyping equipment and motorized vehicles, and data capture cameras.
- Experience in an agricultural research facility would be an asset. Familiarity with technical aspects of plant breeding and genetics highly desirable but not essential.
- Must possess a class 5 driver's license.
- In association with field trial establishment and maintenance, hold (or ability to obtain) a C8 pesticide applicators license or above.
- Basic computer skills (e-mail, MS software). Must demonstrate interest in working with technologically advanced electronic instruments/components.

- Proven interpersonal and organizational skills. Ability to coordinate work activity and follow up with stakeholders.
- Ability to ensure cleanliness and organization in an agricultural research facility. High attention to detail essential.
- Ability to maintain a database, basic coding experience would be an asset.
- Desire and flexibility to learn new skills.
- Languages: English spoken & written. Ability to speak French is desirable.
- Depending on satisfactory progress, this position is subject to renewal and promotion.

Please submit your application to: [Valerio.hoyos-villegas@mcgill.ca](mailto:Valerio.hoyos-villegas@mcgill.ca)

***McGill University hires on the basis of merit and is strongly committed to equity and diversity within its community. We welcome applications from racialized persons/visible minorities, women, Indigenous persons, persons with disabilities, ethnic minorities, and persons of minority sexual orientations and gender identities, as well as from all qualified candidates with the skills and knowledge to productively engage with diverse communities. McGill implements an employment equity program and encourages members of designated groups to self-identify. Persons with disabilities who anticipate needing accommodations for any part of the application process may contact, in confidence, [accessibilityrequest.hr@mcgill.ca](mailto:accessibilityrequest.hr@mcgill.ca) or 514-398-3711.***