

Position Description

Job Title: Senior Research Scientist, Plant Physiology
Department: Product Research and Development
Reports to: VP, Product R&D
Direct Reports: 1
Location: Montreal

Summary

The successful candidate will develop and apply in vivo assays (growth chamber, greenhouse, small scale field) to screen and monitor the efficacy of the Company's co-fermented microbial products. This position will also help determine the overall strategic direction for in-house and external plant research programs.

Essential Duties & Responsibilities

- Responsible for in-house plant testing program for the Company's microbial technologies, which will include identifying appropriate model systems and end-points.
- Design research protocols on trial plants and crops with defined outcomes to understand physiology, production, health, yield, etc.
- Execute trial protocols, analysis of plant samples using various analytical instruments, and management of trial data.
- Select and manage external collaborations/laboratories for plant growth and analysis of samples when methodology is not available in-house.
- Work collaboratively with other R&D team members to accomplish other department specific project goals and milestones.
- Author key documents such as: technical protocols, method development reports and SOPs.
- Maintain familiarity with current literature.
- Meaningfully convey technical information across departments.

Competencies

- Strong analytical and problem solving skills.
- Excellent communication, collaborative and organizational skills.
- Strong attention to detail.
- Keen ability to identify issues and take appropriate actions.
- Strong sense of urgency with the ability to juggle multiple priorities and diverse projects.
- Computer literacy with skills in Microsoft Word, Excel, Outlook, and Power Point.

- Must be a committed team player and collaborator.

Minimum Qualifications

- PhD in plant science, areas of expertise include plant physiology, biochemistry, plant pathology, or genetics. Knowledge of plant-microbe interactions highly desired.
- Industrial experience (4+ years) in a bio-agricultural company is mandatory.
- Proven experience in growing diverse crops in controlled environment or greenhouse setting required.
- Experience in working in a multi-disciplinary team.

Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to sit; use hands to finger, handle, or feel; reach with hands and arms and talk or hear. The employee is occasionally required to stand and walk.

The employee must occasionally lift and/or move up to 30 pounds.

Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.

Must be able to occasionally travel domestically or internationally.