



WE ARE NOW ACCEPTING APPLICATIONS FOR
Canola Breeder
Aberdeen, SK
Full-time Position

Cargill Specialty Canola Oils (SCO) is an industry leader in the development, production and marketing of high oleic oil - a transfat-free alternative for the food industry known for its superior nutrition, improved stability and excellent taste. SCO is involved in research and plant breeding, certified seed production, contracting, crushing and marketing of high performing canola hybrids. Cargill's Specialty Canola Oils Production Program offers farm businesses high-performing VICTORY and Invigor Health Hybrids and unique advantages, such as an attractive prime basis, risk management solutions and grower-selected delivery periods.

Reporting to the Developmental Breeder, the **Canola Breeder** will be involved in developing and executing breeding strategies to develop competitive Round-up-Ready hybrids with specialty oil traits in Canada. **Your** primary responsibility is the development of improved elite canola inbred parental lines utilizing the latest in-breeding schemes and technologies to develop superior canola hybrids with a focus on agronomic, disease and oil quality traits. **You** will collaborate with commercial breeders in designing hybrid combinations to achieve high yield and desirable fatty acid profile.

As the **Canola Breeder**, **you** will actively participate as part of a cross-functional Team to evaluate and incorporate new germplasm into commercial breeding and engage with the trait development team for new fatty acid traits upload into new germplasm. **You** will also collaborate with germplasm screening and marker development functions.

Principal Accountabilities:

- 35%** Supervise the parent line development program in summer and winter nursery breeding projects
- 35%** Directly manage Greenhouse Project Requests as a principle contact to Cargill Greenhouse operations
- 10%** Collaborate with the Trait Development and Germplasm screening Team to support field characterization
- 10%** Support seed inventory, seed storage and pedigree documentation
- 10%** Work with commercial breeding team in Hybrid evaluation

Qualifications

Required:

- M.Sc. degree in Plant Breeding or Genetics and experience in a plant breeding program
- B.Sc. degree in Plant Breeding or Genetics with minimum 5 years experience in a plant breeding program
- Experience in small plots and nursery research methods
- Strong communication and interpersonal skills across functional teams
- Good knowledge of Microsoft Applications
- Ability to travel to Western Canada, USA, contra season (Chile, Australia)
- Ability to work outdoors with exposure to canola pollen

Preferred:

- Currently enrolled in a PhD. Plant Breeding program or PhD. in Plant Breeding
- Demonstrated experience in supervising and leading a team
- Knowledge of applied molecular breeding and genetics
- Knowledge in hybrid breeding and seed production

If you are interested in joining our team and feel you have the required skill set, please submit a cover letter and resume at www.cargill.ca