

Applied Tree Physiologist

Scientific 2

Alberta Agriculture and Forestry, Smoky Lake. Approximately 90 million seedlings are planted each year on public land in Alberta. Fifteen percent of the seed used to grow seedlings for reforestation is produced by seed orchard programs.

Staff at the Alberta Tree Improvement and Seed Centre (ATISC), located in Smoky Lake, manage multiple tree improvement programs as a cooperator or sole owner, and have provincial reforestation tree seed responsibilities including registration and storage.

Forest Management Branch, Alberta Tree Improvement and Seed Centre is seeking knowledgeable and qualified candidates to fill a position in Applied Tree Physiology.

Reporting to the Manager, Genetics and Tree Improvement Unit, you are the tree breeding specialist overseeing the application of tree reproductive biology to seed orchard production programs for tree species used in reforestation.

As a technical expert you will have the drive to obtain results through your knowledge of plant physiology and tree seed orchard cultural management while working with ATISC staff, industry clients and stakeholders. You build collaborative environments while working with staff in forest genetics, field services and plant propagation to advance your projects and related research.

Using creative problem-solving skills, you will:

- investigate underperforming tree seed orchard and seed crop production issues,
- implement monitoring and management of ATISC seed orchards and plantations for forest insect, disease and health conditions, and,
- recommend changes to program management necessary to increase effectiveness.

Your expertise in seed orchard research will enable you to provide extension services within the tree improvement community on tree seed orchard and seed crop management.

As a strong systems thinker, you will provide input to the Alberta Forest Genetics Resources Management and Conservation Standards regarding requirements and procedures for seed orchard management and conduct the ATISC seed orchard programs in a manner to conform to the provincial standards.

The position is based in a rural setting, east of Smoky Lake. The incumbent will be required to occasionally work weekends and evenings. Occasional travel within Alberta will be required.

For information on the County and nearby town of Smoky Lake see <http://www.smokylake.ca/> and <http://www.smokylakecounty.ab.ca/>

What we offer:

- Comprehensive benefits plan: <http://www.psc.alberta.ca/Employees/DocList7.cfm>
- Pension plan: <http://www.pspp.ca/>
- Leadership and mentorship programs; Professional learning and development
- Positive workplace culture and work-life balance

For more information on APS Competencies please visit:

<http://www.psc.alberta.ca/Practitioners/?file=learning/apscompetencies/titlepage&cf=9>

Salary: \$2,775.64 - \$3,638.48 bi-weekly. Closing Date: April 24, 2018. Job ID #1048010

Qualifications: Master's degree in tree physiology, plant biology, horticulture or a related discipline from a recognized university, plus 2 years related experience; or equivalent as described below.

Equivalency:

- Ph.D. in a scientific discipline related to the position or
- University graduation in a related field, plus 4 years related experience.

Required related experience:

- Advanced applied experience in plant physiology, in particular tree reproductive biology and phenology.
- Seasoned level of experience in applied research and working with biometrics, experimental design and data analysis.
- Experience in plant breeding, preference in tree breeding.
- Experience with written communications including the preparation of research papers, reports, and work plans.
- Experience with technical transfer and outreach education.
- Knowledge in tree and cone pest and diseases is preferred.

Candidates with lesser qualifications may be considered at a lower classification and salary. This competition may be used to fill future vacancies.

Online applications are preferred via www.jobs.alberta.ca. If you are unable to apply online, please submit your cover letter and resume, quoting the Job ID, to: Human Resource Services, Alberta Agriculture and Rural Development, #304, J.G. O'Donoghue Building, 7000 - 113 Street, Edmonton, AB T6H 5T6. Phone: (780) 427-2111; Fax: (780) 427-3398. Applicants who apply online will be able to track the status of this competition. Note: As only one file can be uploaded, please ensure your cover letter, resume and any other related documents are submitted in one file. Please title your application with your first and last name.

Position Profile

Please see the attached position description for a detailed list of the job responsibilities:
<http://www.psc.alberta.ca/jobs/positionprofile/pp1048010.htm>

If you require any further information on this job posting, please contact Human Resources at (780) 427-2111. We thank all applicants for their interest. All applicants will be reviewed to determine which candidates' education and experience best meets the needs of the position. Only individuals selected for interviews will be contacted.

Although this competition is closing on April 24, 2018, please continue to check jobs.alberta.ca for all career opportunities with the Government of Alberta.

www.jobs.alberta.ca