



Canadian Forest Service Greenhouse & Nursery

The Canadian Forest Service – Atlantic Forestry Centre is fortunate to have one of Canada’s most advanced greenhouse and nursery facilities available.

The Canadian Forest Service greenhouse and nursery first opened in 1969 outside Fredericton at the Acadia Research Forest. In 1989, the greenhouse and nursery moved to the Hugh John Flemming Forestry Centre in Fredericton to better support the AFC research staff.

State of the Art Research

This state of the art complex uses a complex computer control system to monitor and control all phases of the operations. With a staff of three, the nursery manager is able to grow in excess of 30 to 40 different forest species simultaneously to be used by the AFC scientists.

Other on-site facilities include an over-wintering house, nursery soils research and test facility, stress huts, and an arboretum.

Critical Research Tool

As a research greenhouse, the mandate of the CFS greenhouse is to grow ‘quality not quantity’. Some of the research projects that are dependent on the greenhouse include:

- Climate change
- Biotechnology
- Somatic embryogenesis
- Tree physiology
- Soil science
- Reforestation