

SPU # 26

Lodgepole pine Prince George 1400 - 2000m
CONSERVATION -- GENECOLOGY -- SEEDLING USE

Previously 1200-2000

Annual planting (million): 1.0

Program category: Genecology

Program rank: 39

Filename: 26 Pli PG high June 27, 2015

GENETIC CONSERVATION STATUS

Conservation statistics

Seed planning unit (SPU) area	3,771,076	ha
Area protected within SPU	737,752	ha
Percentage of SPU area protected	20%	
Estimated genetic reserves with >5000 mature trees based on botanical sample data	>4	
Confirmed genetic reserves with >5000 mature trees based on forest inventory data	22	

Conservation status

Current in-situ protection status: **Very well protected**
Probability of maintaining > 3 protected areas with adequate population size given natural disturbance regimes: **Very high**

For further information visit <http://www.genetics.forestry.ubc.ca/cfgc/>

GENECOLOGY

Issues:

Breeding and orchard program costs are prohibitive at this time. No selection or testing of parents underway.

Provenance testing:

Extensive provenance testing for lodgepole pine implemented across BC in the late 1960's and early 1970's. Data from these tests have supported the development of seed transfer guidelines.

Projects:

Provenance test site maintenance and assessments are ongoing.

Seed sources:

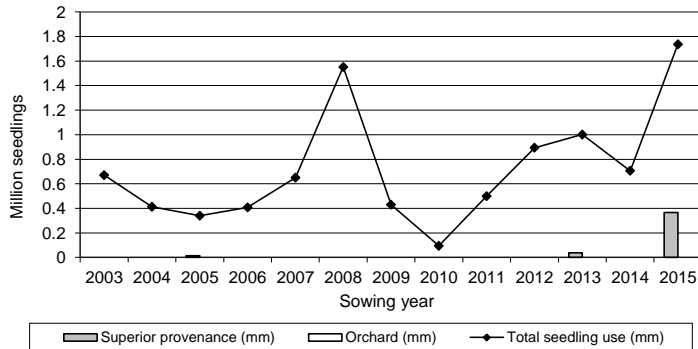
Superior provenances (B+) identified. *Seed the Forest and Range Practices Act, Chief Forester Standards for Seed Use (Appendix 4)*

No B+ sources are identified for this seed planning unit

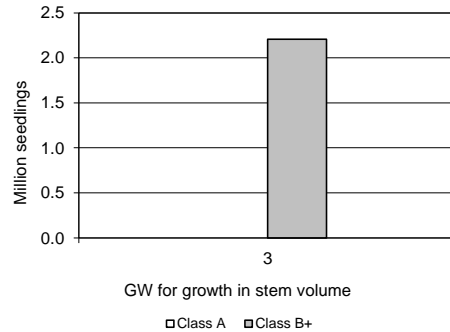
SEEDLING USE

5-year average seedling requests to SPAR (2011- 2015) 1.0 million

Seedling Use Trend - 2003 to 2015



Seed in Storage by GW class



Notes:

- Seed held in both "reserve" and "available" status in the Seed Planning and Registration (SPAR) system is included
- Seed inventories change with new orders. Data presented here are based on a June sample.
- For up-to-date information use SPAR, or contact the Tree Improvement Branch of the Ministry of Forests and Range

Seed production estimates are subject to change. When using this information for silviculture planning or timber supply analysis, contact the Tree Improvement Branch of the Ministry of Forests Lands and Natural Resource Operations to confirm data.

See SeedMap on www.for.gov.bc.ca/hti/seedmap for current inventory by Seed Planning Unit