

SPU # 29**Lodgepole pine East Kootenay 1500 - 2000m
CONSERVATION -- GENECOLOGY -- SEEDLING USE****Annual planting (million): 1.7****Program category: Genecology**

Filename: Pli EK high July 12, 2015

GENETIC CONSERVATION STATUS**Conservation statistics**

Seed planning unit (SPU) area	1,258,159	ha
Area protected within SPU	183,193	ha
Percentage of SPU area protected	15%	
Estimated genetic reserves with >5000 mature trees based on botanical sample data	1 or more	
Confirmed genetic reserves with >5000 mature trees based on forest inventory data	11	

Conservation status

Current in-situ protection status: **Adequate**
 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:

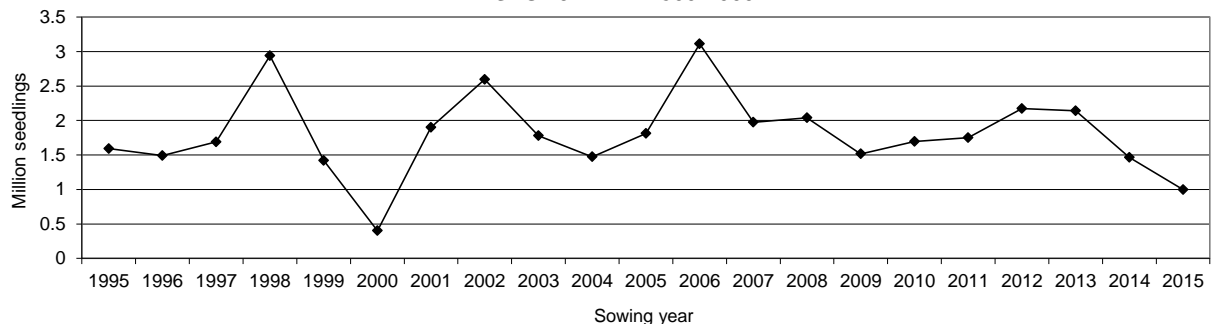
Provenance test-site maintenance and assessments are ongoing.

Seed sources:

No B+ seed sources identified.

SEEDLING USE

5-year average seedling requests to SPAR (2011 - 2015) 1.7 million
Years of Class A seed available 0.0

**Seedling Use Trend - 1995 to 2015
SPU 29 Pli EK 1500-2000 m****Notes:**

- Seedling use data prior to the 2000 sowing year are estimated from old seed planning zones and are approximate.
- Seedling use data include 1/2 of adjacent overlap zones, where applicable
- Sowing year: Aug 1 to July 31 (i.e. 2015 sowing year starts Aug 1, 2014)

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