

SPU # 46

Sub-alpine fir NST / BLK / MIC / MGR / WK / SA all elevations

CONSERVATION -- GENECOLOGY -- SEEDLING USE

Program category: Genecology

Annual planting (million): 1.3

Program rank: 45

Filename: BL all Sept 2017

GENETIC CONSERVATION STATUS

Conservation statistics

Range area *	55,453,000	ha
Area protected	5,898,707	ha
Percentage of range protected	11%	
Estimated genetic reserves with >5000 mature trees based on botanical sample data	408	
Confirmed genetic reserves with >5000 mature trees based on forest inventory data	not confirmed	

Conservation status

Current in-situ protection status: **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/>

* Includes all BEC zones in which sub-alpine fir occurs

GENECOLOGY

Issues:

No provenance test data to guide seed transfer.

Provenance testing:

Short-term testing underway on four test sites (planted in 2000), with 118 seed sources collected from wild stands throughout the natural range of sub-alpine fir (from 33 to 60 degrees latitude).

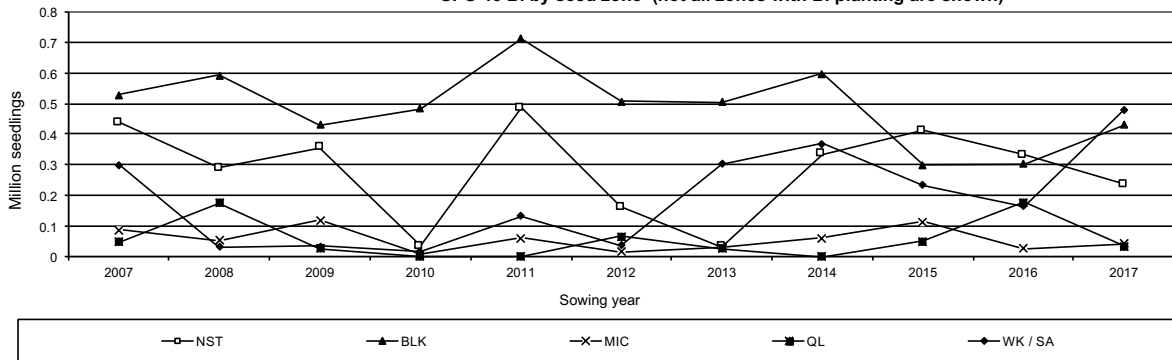
Seed sources:

No B+ seed sources identified at this time.

SEEDLING USE

5-year average seedling requests to SPAR (2013 - 2017) 1.3 million (all zones combined)

**Seedling Use Trend - 2007 to 2017
SPU 46 BI by seed zone (not all zones with BI planting are shown)**



Total provincial BI planting by year (x 1000):

2003	2,007	2011	1,489
2004	1,476	2012	854
2005	1,673	2013	1,109
2006	1,593	2014	1,478
2007	1,497	2015	1,206
2008	1,369	2016	1,041
2009	967	2017	1,506
2010	601		

- Sowing year: Aug 1 to July 31 (i.e. 2017 sowing year starts Aug 1, 2017)

The above forecasts are based on orchard status, seed inventories and seed use as of June, the year of publication, and are subject to change. Refer to the seed Planning and Registry System (SPAR) or contact the orchard manager for current seed inventories. Contact the Forest Improvement and Research Mgt. Branch, Ministry of Forests, Lands, Natural Resource Operations and Rural Development, to confirm data if used for silviculture or timber-supply planning.