

SPU # 46

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

CONSERVATION -- GENECOLOGY -- SEEDLING USE

Program category: Genecology

Annual planting (million): 1.2

Program rank: 45

Filename: BL all July 12, 2015

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).

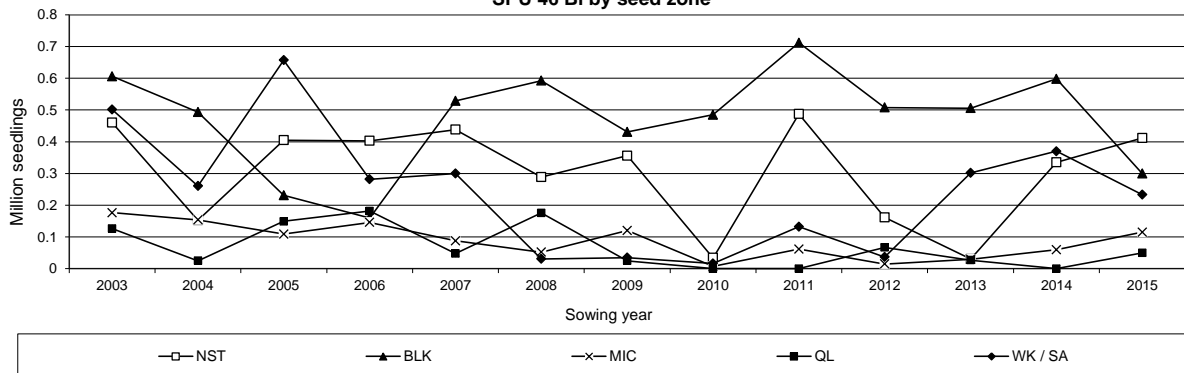
Seed sources:

No B+ seed sources identified at this time.

SEEDLING USE

5-year average seedling requests to SPAR (2011 - 2015) 1.2 million (all zones combined)

Seedling Use Trend - 2002 to 2015
SPU 46 BI by seed zone



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		
2009	967		
2010	601		

- Sowing year: Aug 1 to July 31 (i.e. 2015 sowing year starts Aug 1, 2014)