

SPU # 36

Grand fir Maritime 1 - 700m
CONSERVATION -- GENECOLOGY -- SEEDLING USE

Annual planting (million): 0.02

Program category: Genecology

filename: BG M low Sept 2017

GENETIC CONSERVATION STATUS

Conservation statistics

Seed planning unit (SPU) area	4,848,269	ha
Area protected within SPU	407,662	ha
Percentage of SPU area protected	8%	
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	Uncertain	

Conservation status

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

* Ground truthing required as inventory data are less reliable for this species

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

GENECOLOGY

Issues:

Genecology studies and gene conservation are considered necessary to understand geographic patterns of gene variability and to ensure the genetic resource of this species does not become threatened due to urbanization.

Provenance testing:

Provenance tests planted in the late 1970's (4 test sites in the M zone). 20-year results available. Current transfer guidelines are based on data from these tests. No further testing planned; existing sites will continue to be monitored.

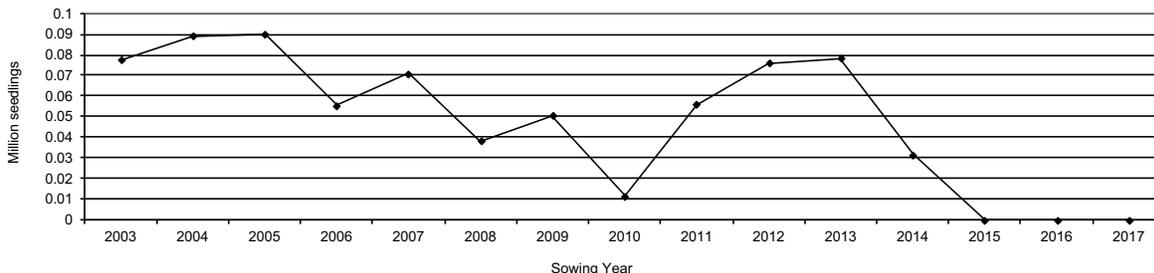
Projects:

About 45 Bg stands were surveyed in 2002 for suitability for genetic conservation and seed production. Four sites were identified as potentially suitable as B+ seed source areas. These stands surveyed do not include stands in provincial parks.

SEEDLING USE

5-year average seedling requests to SPAR (2013 - 2017) 0.02 million
No Class A seed available

Seedling Use Trend - 2003 to 2017
SPU 36 Bg M 0-700m



Notes:
 - Seedling use data include 1/2 of adjacent overlap zones, where applicable
 - 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.