

**Pacific Silver Fir Submaritime 1 - 1000m**  
 Conservation -- Seed Orchards -- Seedling Use

**SPU #9**

**GENETIC CONSERVATION STATUS**

**Conservation statistics**

Seed planning unit (SPU) area	<b>8,007,575</b>	<b>ha</b>
Area protected within SPU	<b>762,995</b>	<b>ha</b>
Percentage of SPU area protected	<b>10%</b>	
Estimated genetic reserves with >5000 mature trees based on botanical sample data	<b>&gt;9</b>	
Confirmed genetic reserves with >5000 mature trees based on forest inventory data	<b>28</b>	

**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**

**Seed orchards:**

The seed orchard program for this species and zone is no longer active due to low priority, lack of a breeding program, and low success with orchard seed production in an orchard established near Saanich.

**Provenance testing:**

Two short-term tests were established for Ba in 2001.  
 Three long-term Ba tests were established in 2001  
 Ba seed sources under test cover the range from Alaska to Oregon.  
 Test results will be used for identifying B+ stands, and for refining seed transfer guidelines.

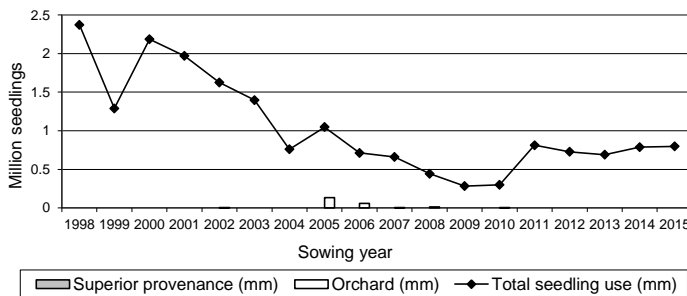
**Ba SM zone**

Provenance testing includes the submarine zone.

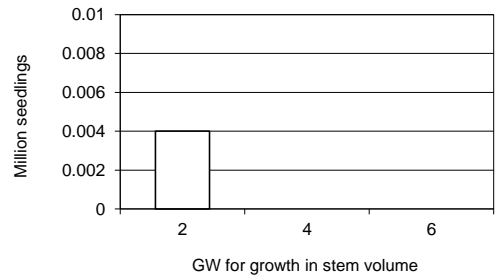
**SEEDLING USE AND SEED IN STORAGE**

**Average 5-year seedling use from SPAR (2011 - 2015)**      **0.8 million**      (M zone only)  
**Estimated years of class-A seed in storage**                      **0.0 years**

**Seedling Use Trend - 1998 to 2015**



**Seed in Storage by GW class**



Notes:  
 - 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)

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/htii/seedmap](http://www.for.gov.bc.ca/htii/seedmap) for current inventory by Seed Planning Unit