

**SPU # 31**      **Coastal Douglas-fir Maritime 900 - 1200m**  
**Breeding and orchard production**  
 Adjusted for new Parent Tree Area of use. Previously 700-1200m      **Seedling need (million): 0.5**  
**Program category: First-generation**      filename: 31 Fdc M high July, 12, 2015

**STRATEGY**      Polycross testing of parents selected in wild stands, including some parents from < 700m that perform well in lower elevation progeny tests. The top 30 parents will be established in a seed orchard. No second generation testing planned.

**TRAITS**      **Primary: Stem volume**      **Secondary: Wood density, stem form**

**TESTING AND PRODUCTION**      **Production Year (July 1 to June 30) -- (Cone harvest year shown)**

	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'25	'26	'27	'28	'29	'30	'31	'32	'33	'34
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**Parents in progeny test:**

Open pollin.																				
Polycross	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
Clonal																				
F1																				
F2																				
F3																				

**Production forecast (million plantables)**

**Orchards (#, owner)**

	Orchard retired																			
116 CanFor (Sechelt)																				
406 WFP (SFC)	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

Vegetative prod.:

**Phase 1**  
 Phase 2  
 Estimated gain in primary trait

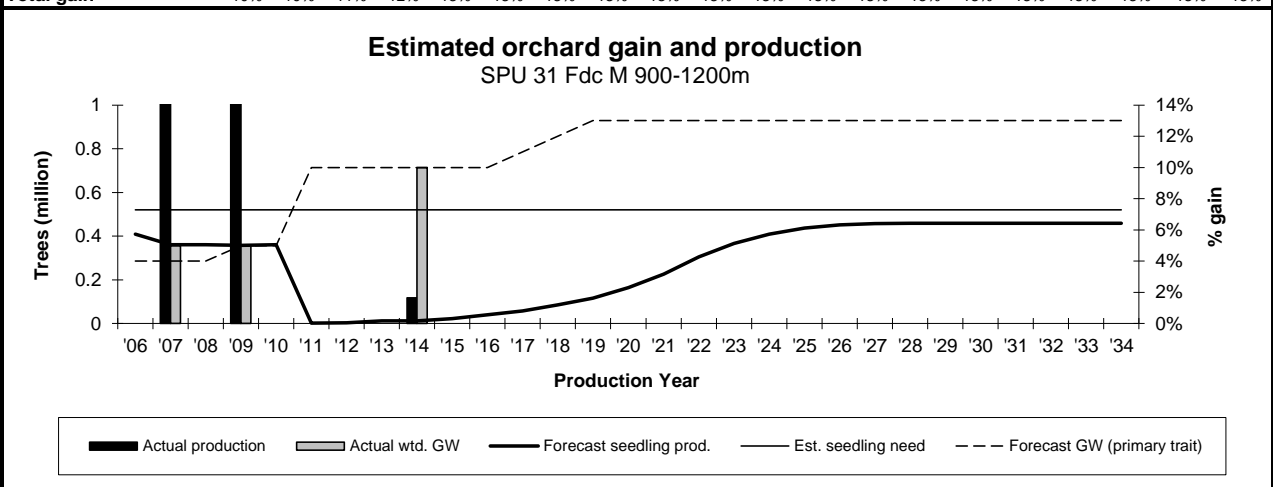
**Orchards**

116 CanFor (Sechelt)																				
406 WFP (SFC)	10%	10%	11%	12%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%

Vegetative prod.:

**Phase 1**  
 Phase 2

<b>Total Production</b>	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
<b>Total gain</b>	10%	10%	11%	12%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%



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

