

**SPU # 52**      **Douglas-fir**      **Thompson Okanagan**      **600 - 1099**  
**Breeding and orchard production**  
Adjusted for new Parent Tree Area of use. Previously 1300-1850m      **Seedling need (million): 0.6**  
**Program category: First generation only**      filename: 52.Fdi TO Low July 12, 2015

**STRATEGY**      Parent-tree selection in wild stands. Open-pollinated testing of parent trees. Some testing out of zone with climate modelling used to determine parent suitability with the seed planning unit.

**TRAITS**      **Primary: Stem volume**      **Secondary: Wood density, weevil**

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

**Parents in progeny test:**

Open pollin.  
Polycross  
Clonal  
F1  
F2  
F3

**Production forecast (million plantables)**

Orchards (#, owner)	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'25	'26	'27	'28	'29	'30	'31	'32	'33	'34
355 FLNRO (Kalamalka)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1

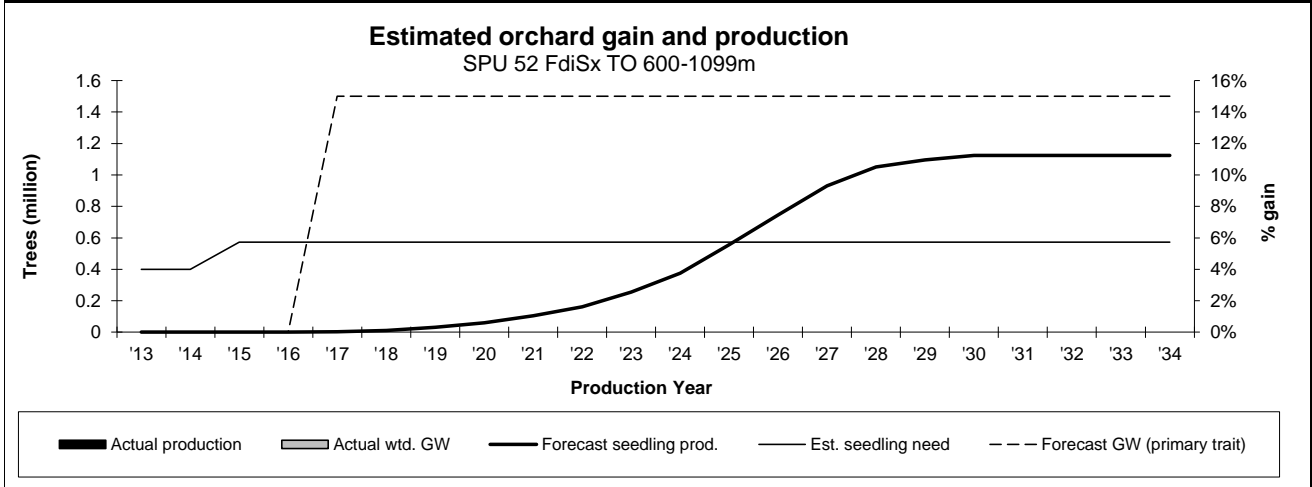
**Vegetative prod.:**  
Phase 1  
Phase 2

**Estimated gain in primary trait**

Orchards (#, owner)	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'25	'26	'27	'28	'29	'30	'31	'32	'33	'34
355 FLNRO (Kalamalka)	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%

**Vegetative prod.:**  
Phase 1  
Phase 2

<b>Total Production</b>	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
<b>Total gain</b>	0%	0%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%



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

