

SUNMARK SEEDS INTERNATIONAL, INC.  
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Sunmark Fir Forest Mix

Acres: 1  
 Quantity: 22 lbs.

Botanical Name	Common Name	% by Weight	Seeds per lb. of Mix	Seeds per lb.	Actual % by Seed Size	Lbs. Needed	% Requested
<i>Pseudotsuga menziesii</i>	Douglas-Fir	40.00%	15200	38,000	19.48%	8.71	40%
<i>Abies grandis</i>	Grand Fir	25.00%	4362.5	17,450	5.59%	5.44	20%
<i>Mahonia nervosa</i>	Cascade Barberry	15.00%	7170	47,800	9.19%	3.27	5%
<i>Oemleria cerasiformis</i>	Indian Plum	11.00%	440	4,000	0.56%	2.39	5%
<i>Sambucus nigra</i>	Blue Elderberry	6.00%	13008	216,800	16.67%	1.31	10%
<i>Thuja plicata</i>	Western Red Cedar	2.50%	10350	414,000	13.26%	0.54	10%
<i>Holidiscus discolor</i>	Oceanspray	0.25%	17000	6,800,000	21.79%	0.05	5%
<i>Gaultheria shallon</i>	Salal	0.25%	10500	4,200,000	13.46%	0.05	5%
<b>TOTALS:</b>		<b>100.00%</b>	<b>78030.5</b>		<b>100%</b>	<b>21.77</b>	<b>100%</b>

**Seeding Rate**

0.50 PLS lbs. per 1000 sq. ft.  
 21.77 PLS lbs. per acre



Fir Forest is an excellent native tree/shrub mix used when a diverse fir community is desired. These species are slow to establish and it is recommended that a native erosion control mix be used in combination. In time this mix will add excellent biodiversity and a sustainable ecosystem. EcoLive™ organics w/mycorrhize are also recommended with this mixture.