

Summary of Silvical Characteristics for Common Crop Tree Species<sup>1</sup>

Silvical Characteristics	Crop Tree Species					
	Sitka Spruce Ss	Western redcedar Cw	Western hemlock Hw	Pacific Silver Fir Ba	Grand Fir Bg	Douglas-fir Fdc
<b>SEED</b>						
Periodicity	3	2-4	2	3	3	5
Seedfall distance	Far	Short	Far	Moderate	50 m	Moderate
<b>SEEDBED</b>	Mineral/ organic	Organic/ Mineral	Organic/ Mineral	Organic/ Mineral	Mineral	Mineral/ burned
<b>GROWTH PATTERN</b>						
Shoot growth rate	Rapid	Moderate	Slow	Slow	Rapid	Rapid
Root growth rate	Very Slow	Slow	Slow	Slow	Rapid	Moderate
<b>ENVIRONMENT</b>						
Shade tolerance	Moderate/ low	Moderate	Moderate	High	Moderate	Low
Frost tolerance	Moderate	Low	Low	Moderate	Low	Low
Drought tolerance	Low	Moderate	Low	Low	Moderate	High
Flood tolerance	High	High	Low	Moderate	High	Low

<sup>1</sup> From: A Framework for Effective Reforestation Recommendations, 1989