

Summary of Silvical Characteristics for Common Crop Tree Species¹

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

¹ From: A Framework for Effective Reforestation Recommendations, 1989