

APPENDIX A – Stocking Standards

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Preferred and Acceptable Species Selection at the time of the Site Plan:

The stocking standards include 5 columns related to suitable species: primary, secondary and tertiary species along with preferred and acceptable species. The table has been set up to guide and allow for site specific professional discretion while providing limits on suitability of species. Within each site series, the primary, secondary and tertiary columns list the species that are considered suitable for the site series and rank their general suitability. The footnotes also provide specific guidance regarding the application of a species in a given location. The preferred and acceptable species columns show the approved standards expected to be applied to the site under most conditions.

For a given Site Plan, should a prescribing forester find that site conditions warrant an alternate mix of species than those provided for as the preferred and acceptable species, then an FSP amendment will be required. Any changes of this kind must consider long-term economic benefits and ecological suitability on the site.

Deciduous species found in each site series are listed in the standards table for reference only and as an indication of competitive capacity. Mixed deciduous/coniferous management is not considered economically suitable for any site series at this time except as provided for in the separate Deciduous Stocking Standards which permit a percentage of conifers (<20%). Some deciduous species presence in the regenerating stand is desirable for biodiversity, wildlife and riparian objectives, so long as the free growing status of the stand is not compromised.

Minimum Intertree Distance (MITD):

MITD is 2.0 m except where limited by:

- the existing distribution of the residual stand
- residual harvesting debris providing coarse woody debris including slash at roadsides or within debris piles, or in hell-harvested stands
- mechanical site prepared areas (including areas stump treated for root disease)
- hygric, sub-hydric or other soil limiting conditions.

Where the above limitations occur, MITD may be reduced to 1.6 m.

Advance Regeneration and Residual Tree Criteria:

To be considered an acceptable crop tree, advance regeneration will be of average to good form, able to grow vigorously when released, be reasonably windfirm and be expected to produce a marketable tree free of serious defect within a stand rotation.

In general, the expected characteristics of residual trees to be counted towards meeting the stocking standards is as follows:

1. Vigorous (free of disease or incidence of endemic disease such as mistletoe is low; free of significant damage; adequate crown)
2. Commercially valuable trees with average to good form (minimal sweep; straight bole)
3. Ecologically suitable trees (tree adapted to the site on which it is located - within natural range)

Even-Aged Coniferous Stocking Standards

Biogeoclimatic Ecosystem Classification		Regeneration to Free Growing Standards												Free Growing Standards			
		Species							Well-Spaced Stocking			Maximum Regeneration Delay (yrs)	Latest Free Growing (yrs)	% tree height over brush	Minimum Height		
		Conifer			Deciduous	Target (well-spaced stems/ha)	MIN pa	MIN p	Species	Ht (m)							
		Primary	Preferred (p)	Secondary							Acceptable (a)				Tertiary		
CWHdm	01	Fd	Fd Cw Hw ²⁴	Hw ²⁴	Pw ³¹	Cw Pw ³¹	Act ^b Dr ^{7,42,a} Ep ^{16,a} Mb ^b Ra ^b	900	500	400	3	20	150	Fd, Hw Pw Cw	3.0 2.5 1.5		
	02*+	Pl	Pl Fd	Fd			Mb ^b Qg ^b Ra ^a	400	200	200	3	20	150	Fd Pl	2.0 1.3		
	03	Fd	Fd		Cw Hw	Cw Hw Lw ²³	Act ^b Dr ^b Ep ^b Mb ^b Ra ^a	800	400	400	3	20	150	Fd, Hw Cw, Lw	2.0 1.0		
	04+	Fd	Fd		Cw Pw ³¹	Cw Lw ²³ Pw ³¹	Act ^b Dr ^b Ep ^b Mb ^a Qg ^b Ra ^b	900	500	400	3	20	150	Fd Pw Cw, Lw	3.0 2.5 1.5		
	05	Cw Fd	Cw Fd		Pw ³¹	Pw ³¹	Act ^{42,a} Dr ^{42,a} Ep ^{18,a} Mb ^a	900	500	400	3	20	150	Fd Pw Cw	4.0 2.5 2.0		
	06+	Cw Hw	Cw Hw		Fd ¹	Fd ¹	Act ^b Dr ^{7,41,a} Ep ^{18,a} Mb ^b	900	500	400	6	20	150	Fd, Hw Cw	3.0 1.5		
	07	Cw Fd	Cw Fd				Act ^{41,a} Dr ^{41,a} Ep ^{18,a} Mb ^{41,a}	900	500	400	3	20	150	Fd Cw	4.0 2.0		
	08+	Bg Cw	Bg Cw				Act ^{41,b} Dr ^{41,a} Ep ^{18,a} Mb ^{41,a}	900	500	400	3	20	150	Bg Cw	3.5 2.0		
	09		Cw ¹	Bg ¹ Cw ¹	Bg ¹		Act ^{41,a} Dr ^{41,a} Ep ^{18,a} Mb ^{41,a}	900	500	400	3	20	150	Bg Cw	3.5 2.0		
	11*	Pl ¹	Pl ¹		Cw ¹	Cw ¹		400	200	200	3	20	150	Pl Cw	1.3 1.0		
	12	Cw ¹	Cw ¹		Hw ^{7,12} Pw ³¹ Ss ³⁵	Hw ^{7,12} Pw ³¹ Ss ³⁵	Act ^b Dr ^b Ep ^b Mb ^b	800	400	400	3	20	150	Ss Pw Hw Cw	3.0 2.5 2.0 1.0		
	13+	Bg Cw	Bg Cw Fd ¹	Fd ¹			Act ^{41,a} Dr ^{41,a} Ep ^{18,a} Mb ^{41,a}	900	500	400	3	20	150	Fd Bg Cw	4.0 3.5 2.0		
	14+	Bg ¹ Cw ¹	Bg ¹ Cw ¹				Act ^{41,a} Dr ^{41,a} Ep ^{18,a} Mb ^{41,a}	900	500	400	3	20	150	Bg Cw	3.5 2.0		
	15	Cw ¹	Cw ¹				Act ^b Dr ^b Ep ^b Mb ^b	800	400	400	3	20	150	Cw Cw	1.0 2.0		

1,2 etc - see "Footnotes"

*Avoid logging

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Even-Aged Coniferous Stocking Standards

2006-2011 Forest Stewardship Plan

Biogeoclimatic Ecosystem Classification		Regeneration to Free Growing Standards										Free Growing Standards		
Zone / Subzone	Series	Species			Well-Spaced Stocking			Deciduous	Maximum Regeneration Delay (yrs)			Latest Free Growing (yrs)	% tree height over brush	Minimum Height
		Primary	Preferred (p)	Conifer	Acceptable (a)	Tertiary	Target MIN pa (well-spaced stems/ha)		MIN p	MIN p	Species			
CWHds2	01+	Fd	Fd Hw ²⁴	Secondary Hw ²⁴	Cw	Cw	900 500 400	Act ^b Dr ^b Ep ^a Mb ^b	3			20	150	Fd 2.3 Cw 1.5 Hw 1.0
	02*+	Pl	Pl		Fd ⁶²	Fd ⁶²	400 200 200		3			20	150	Fd 1.5 Pl 1.3
03		Fd	Fd Pl Cw	Pl	Hw	Cw Hw	800 400 400	Act ^b Dr ^b Ep ^b Mb ^b	3			20	150	Fd 2.3 Pl 2.0 Cw 1.5 Hw 1.0
	04+	Fd	Fd Pl	Pl	Cw	Cw	800 400 400	Act ^b Dr ^b Ep ^a Mb ^{16,17,a}	3			20	150	Fd 2.3 Pl 2.0 Cw 1.5
05+		Fd	Fd Cw			Cw Hw Se ^{13,18} Ss ³⁵	900 500 400	Act ^{42,a} Dr ^{40,42,a} Ep ^b Mb ^{16,17,a}	3			20	150	Fd 2.3 Ss 2.0 Cw 1.5 Se 1.0 Hw 1.0
	06+	Cw Hw	Cw Hw Fd	Fd			900 500 400	Act ^b Dr ^{7,40,41,a} Ep ^a Mb ^b	6			20	150	Fd 2.3 Cw 1.5 Hw 1.0
07+		Cw Fd	Cw Fd	Ss ³⁵	Ss ³⁵	Hw	900 500 400	Act ^{41,a} Dr ^{40,41,a} Ep ^a Mb ^{16,17,a}	3			20	150	Fd, Ss 3.0 Cw 2.0 Hw 1.3
	08+	Cw	Cw		Ss ³⁵	Ss ³⁵	900 500 400	Act ^{41,a} Dr ^{40,41,a} Ep ^a Mb ^{16,17,a}	3			20	150	Ss 3.0 Cw 2.0
09			Cw ¹	Cw ¹	Ss ^{1,35}	Ss ^{1,35}	900 500 400	Act ^{41,a} Dr ^{40,41,a} Ep ^b Mb ^{16,17,a}	3			20	150	Ss 3.0 Cw 2.0
	11*	Pl ¹	Pl ¹		Cw ¹	Cw ¹	400 200 200		3			20	150	Pl 1.3 Cw 1.0
12		Cw ¹	Cw ¹		Ss ^{1,35}	Ss ^{1,35}	800 400 400	Act ^b Dr ^b Ep ^b Mb ^b	3			20	150	Cw, Ss 1.0

1,2 etc - see "Footnotes"

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Even-Aged Coniferous Stocking Standards

Biogeoclimatic Ecosystem Classification		Regeneration to Free Growing Standards											Free Growing Standards			
		Species							Well-Spaced Stocking			Maximum Regeneration Delay (yrs)	Latest Free Growing (yrs)	% tree height over brush	Minimum Height	
		Conifer			Deciduous	Target (well-spaced stems/ha)	MIN p		Species	Ht (m)						
		Primary	Preferred (p)	Secondary			Acceptable (a)	Tertiary			MIN pa				MIN p	
Zone / Subzone	Series	Ba ¹⁰ Fd	Fd Cw	Cw Hw ¹⁰	Ba ¹⁰ Hw ¹⁰			Act ^b Dr ^b Ep ^b Mb ^b	900	500	400	3	20	150	Fd 2.3 Ba 0.8 Cw, Hw 1.0	
CWHms2	01															
	02*	Pl	Pl Fd	Fd				Ep ^b	400	200	200	3	20	150	Fd 1.5 Pl 1.3	
	03	Fd	Fd Pl Cw	Pl	Hw	Cw Hw		Act ^b Dr ^b Ep ^b Mb ^b	800	400	400	3	20	150	Fd 2.3 Cw, Hw, Pl 1.0	
	04	Ba ^{10,13} Fd Hw ¹⁰	Ba ^{10,13} Fd Hw ¹⁰		Cw Ss ^{17,35}	Cw Ss ^{17,35}		Act ^{42,a} Dr ^{40,42,a} Ep ^b Mb ^{16,17,a}	900	500	400	3	20	150	Ss 4.0 Fd 3.0 Cw, Hw 1.3 Ba 1.0	
	05	Hw	Hw Ba ^{10,13}	Ba ^{10,13}	Cw	Cw		Act ^b Dr ^{7,40,41,42,a} Ep ^b Mb ^b	900	500	400	6	20	150	Cw, Hw 1.0 Ba 0.8	
	06	Ba ^{10,13} Cw Fd	Ba ^{10,13} Cw Fd		Ss ^{17,35}	Hw Ss ^{17,35}		Act ^{41,a} Dr ^{40,41,a} Ep ^b Mb ^{16,17,41,a}	900	500	400	3	20	150	Ss 4.0 Fd 3.0 Cw, Hw 1.3 Ba 1.0	
	07+	Ba Cw	Ba Cw		Ss ^{17,35}	Ss ^{17,35}		Act ^{41,a} Dr ^{40,41,a} Ep ^b Mb ^{16,41,a}	900	500	400	3	20	150	Ss 4.0 Cw 1.3 Ba 1.0	
	08		Cw ¹	Ba ¹ Cw ¹	Ba ¹			Act ^{41,a} Dr ^{40,41,a} Ep ^b Mb ^{7,16,17,41,a}	900	500	400	3	20	150	Cw 1.3 Ba 1.0	
	10*	Pl ¹	Pl ¹		Cw ¹	Cw ¹		Ep ^b	400	200	200	3	20	150	Pl 1.3 Cw 0.8	
	11	Cw ¹	Cw ¹		Hw ¹ Ss ^{1,35}	Hw ¹ Ss ^{1,35}		Act ^b Dr ^b Ep ^b Mb ^b	800	400	400	3	20	150	Ss 2.0 Cw, Hw 0.8	

1,2 etc - see "Footnotes"

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Even-Aged Coniferous Stocking Standards

Biogeoclimatic Ecosystem Classification		Regeneration to Free Growing Standards												Free Growing Standards				
		Species							Well-Spaced Stocking			Maximum Regeneration Delay (yrs)	Latest Free Growing (yrs)	% tree height over brush	Minimum Height			
		Conifer			Deciduous				Target (well-spaced stems/ha)	MIN	pa				MIN	p	Species	Ht (m)
Zone / Subzone	Series	Primary	Preferred (p)	Secondary	Acceptable (a)	Tertiary												
CWHvh1+	01	Cw Hw Yc	Cw Hw Yc	Pl ⁶	Ba ⁷ Pl ⁶ Ss ^{7,35}	Ba ⁷ Ss ^{7,35}		D ^p Mb ^b				900	500	400	6	20	150	Ss 3.0 Hw 2.0 Ba 1.8 Cw, Pl, Yc 1.5
	02*	Pl	Pl Cw Yc	Cw Yc		Hw		D ^p				400	200	200	3	20	150	Hw, Pl 1.3 Cw, Yc 1.0
	03	Cw Hw Pl Yc	Cw Hw Pl Yc					D ^p Mb ^b				800	400	400	6	20	150	Hw, Pl 1.3 Cw, Yc 1.0
	04	Ba Hw	Ba Hw Cw	Cw Ss ³⁵	Ss ³⁵			D ^p Mb ^b				900	500	400	6	20	150	Ss 4.0 Ba 2.3 Cw 2.0 Hw 1.8
	05 & 06	Ba Cw Yc	Ba Cw Yc	Hw ² Ss ³⁵	Hw ² Ss ³⁵			D ^{39,a} Mb ^b				900	500	400	3	20	150	Ss 4.0 Ba 2.3 Cw, Yc 2.0 Hw 1.8
	07	Ba Cw	Ba Cw	Hw ² Ss ³⁵	Hw ² Ss ³⁵			D ^{39,41,a} Mb ^b				900	500	400	3	20	150	Ss 4.0 Ba 2.3 Cw 2.0 Hw 1.8
	08+	Cw Ss	Cw Ss	Ba	Ba	Hw		D ^{39,41,a} Mb ^b				900	500	400	3	20	150	Ss 4.0 Ba 2.3 Cw 2.0 Hw 1.8
	09+	Ss ¹	Ss ¹ Cw ¹	Ba ¹ Cw ¹	Ba ¹	Hw ¹		D ^{39,41,a} Mb ^b				900	500	400	3	20	150	Ss 4.0 Ba 2.3 Cw 2.0 Hw 1.8
	11	Cw ¹ Hw ¹ Pl ⁶ Yc ¹	Cw ¹ Hw ¹ Pl ⁶ Yc ¹					D ^p				800	400	400	3	20	150	Hw, Pl 1.3 Cw, Yc 1.0
	12*	Pl ¹	Pl ¹ Cw Yc	Cw Yc								400	200	200	3	20	150	Pl 1.3 Cw, Yc 1.0
	13	Cw ¹ Yc	Cw ¹ Yc		Hw ¹ Pl ⁷	Hw ¹ Pl ⁷ Ss ¹		D ^p Mb ^b				800	400	400	3	20	150	Ss 2.0 Hw, Pl 1.3 Cw, Yc 1.0
	14*	Ss	Ss		Cw Pl	Cw Hw Pl		D ^p				400	200	200	3	20	150	Ss 2.0 Hw, Pl 1.3 Cw 1.0
	15	Ss	Ss		Cw Hw	Cw Hw		D ^p				900	500	400	3	20	150	Ss 3.0 Hw 2.0 Cw 1.5
	16*	Ss	Ss		Cw Pl	Cw Hw Pl		D ^p				400	200	200	3	20	150	Ss 3.0 Hw 2.0 Cw, Pl 1.5
	17	Ss	Ss Cw	Cw Hw	Hw			D ^p				900	500	400	3	20	150	Ss 2.0 Hw 1.3 Cw 1.0
	18*	Cw ¹ Ss ¹	Cw ¹ Ss ¹									400	200	200	3	20	150	Ss 2.0 Cw 1.0
	19*	Ss ¹	Ss ¹									400	200	200	3	20	150	Ss 2.0 Cw 1.0

1,2 etc - see "Footnotes"

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Even-Aged Coniferous Stocking Standards

Biogeoclimatic Ecosystem Classification		Regeneration to Free Growing Standards												Free Growing Standards							
		Species												Well-Spaced Stocking			Maximum Regeneration Delay (yrs)	Latest Free Growing (yrs)	% tree height over brush	Minimum Height	
		Conifer						Deciduous						Target (well-spaced stems/ha)						Species	Ht (m)
		Primary	Preferred (p)	Secondary	Acceptable (a)	Tertiary		Target	MIN pa	MIN p											
Zone / Subzone	Series	Cw Hw	Cw Hw Yc	Pl Yc	Ba ⁷ Pl Ss ⁷	Ba ⁷ Ss ⁷	Dr ^p	900	500	400	6	20	150	Ss Hw Ba Cw, Pl, Yc	3.0 2.0 1.8 1.5						
	01																				
	02*	Pl	Pl Cw Yc	Cw Yc		Hw ⁵³	Dr ^p	400	200	200	3	20	150	Hw, Pl Cw, Yc	1.3 1.0						
	03	Cw Hw Pl Yc	Cw Hw Pl Yc			Ss ^{7,53}	Dr ^p	800	400	400	6	20	150	Ss Hw, Pl Cw, Yc	2.0 1.3 1.0						
	04	Ba Hw Ss	Ba Hw Ss Cw	Cw	Yc	Yc	Dr ^p	900	500	400	6	20	150	Ss Ba Cw, Yc Hw	4.0 2.3 2.0 1.8						
	05 & 06	Ba Cw Ss	Ba Cw Ss	Hw ²	Hw ² Yc	Yc	Dr ^{39,a}	900	500	400	3	20	150	Ss Ba Cw, Yc Hw	4.0 2.3 2.0 1.8						
	07	Ba Cw Ss	Ba Cw Ss	Hw ²	Hw ² Yc	Yc	Dr ^{39,41,a}	900	500	400	3	20	150	Ss Ba Cw, Yc Hw	4.0 2.3 2.0 1.8						
	08+	Cw Ss	Cw Ss	Ba Hw	Ba Hw		Dr ^{39,41,a}	900	500	400	3	20	150	Ss Ba Cw Hw	4.0 2.3 2.0 1.8						
	09+	Ss ¹	Ss ¹ Cw ¹	Ba Cw ¹	Ba	Hw ¹	Dr ^{39,41,a}	900	500	400	3	20	150	Ss Ba Cw Hw	4.0 2.3 2.0 1.8						
	11	Cw ¹ Hw ¹ Yc ¹	Cw ¹ Hw ¹ Yc ¹	Pl ¹	Pl ¹		Dr ^p	800	400	400	3	20	150	Hw, Pl Cw, Yc	1.3 1.0						
	12*	Cw ¹ Pl ¹ Yc ¹	Cw ¹ Pl ¹ Yc ¹					400	200	200	3	20	150	Pl Cw, Yc	1.3 1.0						
	13	Cw ¹ Yc ¹	Cw ¹ Yc ¹		Hw ¹	Hw ¹ Pl ⁶³ Ss ¹	Dr ^p	800	400	400	3	20	150	Ss Hw, Pl Cw, Yc	2.0 1.3 1.0						
	14*	Ss	Ss		Cw Pl	Cw Hw Pl	Dr ^p	400	200	200	3	20	150	Ss Hw, Pl Cw	2.0 1.3 1.0						
	15	Ss	Ss		Cw Hw	Cw Hw	Dr ^p	900	500	400	3	20	150	Ss Hw Cw	3.0 2.0 1.5						
	16*	Ss	Ss		Cw Pl	Cw Hw Pl	Dr ^p	400	200	200	3	20	150	Ss Hw Cw, Pl	3.0 2.0 1.5						
	17	Ss	Ss Cw	Cw Hw	Hw		Dr ^p	900	500	400	3	20	150	Ss Hw Cw	2.0 1.3 1.0						
	18*	Cw ¹ Ss ¹	Cw ¹ Ss ¹					400	200	200	3	20	150	Ss Cw	2.0 1.0						

1,2 etc - see "Footnotes"

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Even-Aged Coniferous Stocking Standards

Biogeoclimatic Ecosystem Classification		Regeneration to Free Growing Standards										Free Growing Standards		
Zone / Subzone	Series	Species					Well-Spaced Stocking			Maximum Regeneration Delay (yrs)	Latest Free Growing (yrs)	% tree height over brush	Minimum Height	
		Primary	Preferred (p)	Conifer	Deciduous	Target (well-spaced stems/ha)	MIN	pa	MIN p				Species	Ht (m)
CWHvm1	01	Ba ²⁶ Cw Hw	Cw Hw Fd ^{9,16} Ba ²⁶	Secondary Fd ^{9,16}	Tertiary Ss ^{7,35}	Act ^b Dr ^{7,25,a} Mb ^b	900	500	400	6	20	150	Fd, Hw, Ss Ba Cw	3.0 1.8 1.5
	02*	Pl	Pl Cw Fd ^{9,16}	Cw Fd ^{9,16} Hw	Hw		400	200	200	3	20	150	Fd, Hw Pl Cw	2.0 1.3 1.0
	03	Cw Hw	Cw Hw Fd ^{9,16}	Fd ^{9,16} Pl ⁵³	Pl ⁵³	Act ^b Dr ^b Mb ^b	800	400	400	6	20	150	Fd, Hw Pl Cw	2.0 1.3 1.0
	04	Cw Hw	Cw Hw Fd ^{9,16}	Fd ^{9,16}	Ba Ss ^{15,35}	Act ^b Dr ^b Mb ^{16,a}	900	500	400	3	20	150	Fd, Hw, Ss Ba Cw	3.0 1.8 1.5
	05	Ba Cw	Ba Cw Hw Fd ^{1,9,16}	Fd ^{9,16} Hw Ss ³⁵	Ss ³⁵	Act ^a Dr ^a Mb ^{16,a}	900	500	400	3	20	150	Fd, Hw, Ss Ba Cw	3.0 1.8 1.5
	06	Ba ²⁶ Cw Hw	Ba ²⁶ Cw Hw	Hw ² Ss ³⁵	Ss ³⁵	Act ^b Dr ^{7,25,41,a} Mb ^b	900	500	400	6	20	150	Hw, Ss Ba Cw	3.0 1.8 1.5
	07	Ba Cw Fd ^{1,9,23}	Ba Cw Fd ^{1,9,23} Hw ²	Hw ² Ss ³⁵	Ss ³⁵	Act ^{41,a} Dr ^{41,a} Mb ^{16,41,a}	900	500	400	3	20	150	Fd, Hw, Ss Ba Cw	4.0 2.3 2.0
	08	Ba Cw	Ba Cw Hw ²	Hw ² Ss ³⁵	Ss ³⁵	Act ^{41,a} Dr ^{41,a}	900	500	400	3	20	150	Hw, Ss Ba Cw	4.0 2.3 2.0
	09+	Ba Cw	Ba Cw Hw	Hw	Ss ³⁵	Act ^{41,a} Dr ^{41,a} Mb ^{16,41,a}	900	500	400	3	20	150	Hw, Ss Ba Cw	4.0 2.3 2.0
	10		Cw ¹	Ba ¹ Cw ¹	Ba ¹ Ss ^{1,35}	Act ^{41,a} Dr ^{41,a} Mb ^{16,41,a}	900	500	400	3	20	150	Ss Ba Cw	4.0 2.3 2.0
	12	Cw ¹ Hw ¹ Yc ¹	Cw ¹ Hw ¹ Yc ¹	Pl ¹	Pl ¹	Dr ^b	800	400	400	3	20	150	Hw, Hm Pl Cw, Yc	2.0 1.3 1.0
	13*	Pl ¹	Pl ¹		Cw ¹		400	200	200	3	20	150	Pl Cw	1.3 1.0
	14	Cw ¹	Cw ¹		Hw ¹ Ss ^{1,35}	Act ^b Dr ^b Mb ^b	800	400	400	3	20	150	Hw, Ss Pl Cw	3.0 2.0 1.5

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Even-Aged Coniferous Stocking Standards

Biogeoclimatic Ecosystem Classification		Regeneration to Free Growing Standards											Free Growing Standards		
		Species						Well-Spaced Stocking		Maximum Regeneration Delay (yrs)	Latest Free Growing (yrs)	% tree height over brush	Minimum Height		
		Conifer					Deciduous	Target	MIN pa				Species	Ht (m)	
		Primary	Preferred (p)	Secondary	Acceptable (a)	Tertiary			MIN						pa
Zone / Subzone	Series	Ba Fd ^{1,2,3} Hw	Fd ^{1,2,3} Hw Cw Yc ^{4,5} Ba	Cw Ss ^{1,5,35} Yc	Hm ¹³ Ss ^{7,15,35}	Hm ¹³		900	500	400	6	20	150	Ss 3.0 Hw 2.5 Fd 2.3 Ba 1.8 Cw, Yc 1.5 Hm 1.0	
CWHvm2	01														
	02*	Pl	Pl Cw Fd ^{4,16} Yc ^{4,5}	Cw Fd ^{4,16} Hw Yc	Hw Hm ¹³	Hm ¹³		400	200	200	3	20	150	Hw 1.8 Fd 1.5 Pl 1.3 Cw, Yc 1.0 Hm 0.8	
	03	Cw Hw	Cw Hw Fd ^{4,16} Yc ^{4,5}	Fd ^{4,16} Yc	Hm ¹³ Pl ¹³ Pw ^{16,31}	Hm ¹³ Pl ¹³ Pw ^{16,31}		800	400	400	6	20	150	Pw 2.5 Hw 1.8 Fd 1.5 Pl 1.3 Cw, Yc 1.0 Hm 0.8	
	04	Cw Hw	Cw Hw Fd ^{4,16} Yc ^{4,5}	Ba Fd ^{4,16} Yc	Ba Pw ¹⁶ Hm ¹³	Pw ¹⁶ Ss ³⁵ Hm ¹³		900	500	400	6	20	150	Pw 2.5 Ss 2.0 Hw 1.8 Ba, Fd 1.5 Cw, Yc 1.0 Hm 0.8	
	05	Ba Cw Fd ^{1,2,3}	Cw Hw Yc ^{4,5} Ba	Hw Ss ^{15,35} Yc	Fd ^{1,2,3} Ss ^{15,35} Hm ¹³	Hm ¹³		900	500	400	3	20	150	Ss 3.0 Hw 2.5 Fd 2.3 Ba 1.8 Cw, Yc 1.5 Hm 1.0	
	06	Ba Cw Fd ^{1,2,3} Hw	Cw Hw Yc ^{4,5} Ba	Yc	Hm ¹³ Ss ⁷	Hm ¹³ Ss ⁷		900	500	400	6	20	150	Ss 3.0 Hw 2.5 Fd 2.3 Ba 1.8 Cw, Yc 1.5 Hm 1.0	
	07	Ba Cw Fd ^{1,2,3}	Cw Hw ² Yc ^{4,5} Ba	Hw ² Ss ^{15,35} Yc	Ss ^{15,35} Hm ¹³	Hm ¹³		900	500	400	3	20	150	Ss 4.0 Hw 3.5 Fd 3.0 Ba 2.3 Cw, Yc 2.0 Hm 1.0	
	08	Ba Cw ¹⁴	Cw ¹⁴ Hw ^{2,35} Yc ^{4,5} Ba	Hw ^{2,30} Ss ^{20,35} Yc	Ss ^{15,35} Hm ¹³	Hm ¹³		900	500	400	3	20	150	Ss 4.0 Hw 3.5 Ba 2.3 Cw, Yc 2.0 Hm 1.0	
	09	Ba Cw ¹ Hw ¹ Yc ¹	Cw ¹ Hw ¹ Yc ^{1,4,5}	Hm ¹³	Ba Hm ¹³	Pl ¹		800	400	400	3	20	150	Hw 1.8 Ba 1.5 Pl 1.3 Cw, Yc 1.0 Hm 0.8	
	10*	Pl ¹ Yc ¹	Pl ¹ Yc ^{1,4,5}	Hm	Hm			400	200	200	3	20	150	Hw 1.8 Pl 1.3 Yc 1.0 Hm 0.8	
	11	Cw ¹ Yc ¹	Cw ¹ Yc ^{1,4,5}		Hw ¹	Hm ^{13,35} Hw ¹ Ss ^{1,15,35}		800	400	400	3	20	150	Ss 2.0 Hw 1.8 Cw, Yc 1.0 Hm 0.8	

1,2 etc - see "Footnotes"
*Avoid logging

Even-Aged Coniferous Stocking Standards

Biogeoclimatic Ecosystem Classification		Regeneration to Free Growing Standards											Free Growing Standards				
		Species					Well-Spaced Stocking			Maximum Regeneration Delay (yrs)	Latest Free Growing (yrs)	% tree height over brush	Minimum Height				
		Conifer		Deciduous		Target	MIN pa	MIN p	Species				Ht (m)				
Zone / Subzone	Series	Primary	Preferred (p)	Secondary	Acceptable (a)	Tertiary											
CWHws2	01	Ba Bl ¹² Hw	Ba Bl ¹² Hw Cw	Cw Pl Sxs ³⁵	Sxs ³⁵ Hm ^{13,53}	Hm ^{13,53}	Act ^b Dr ^b Ep ^b			900	500	400	6	20	150	Pl Cw, Hw, Hm Ba, Bl Sw/Se/Sx	2.0 1.0 0.8 0.8
	02*+	Pl	Pl		Cw Hw ³⁰	Cw Hw ³⁰	Ep ^b			600	400	400	6	20	150	Pl Cw, Hw	1.3 0.8
	03	Fd ^{8,14} Hw Pl	Hw Pl Cw Fd ^{8,14}	Cw	Hm ^{13,53}	Hm ^{13,53}	Act ^b Dr ^b Ep ^b			800	400	400	6	20	150	Pl Fd Cw, Hm, Hw	2.0 1.5 1.0
	04	Ba Bl ¹² Cw	Ba Bl ¹² Cw	Hw Sxs ³⁵	Hw Hm ^{13,53} Sxs ³⁵	Hm ^{13,53}	Act ^b Dr ^b Ep ^b			900	500	400	3	20	150	Cw, Hw Ba, Bl, Hm Sw/Se/Sx	1.3 1.0 1.0
	05	Ba Cw Hw	Ba Cw Hw	Bl ¹²	Bl ¹²	Sxs ^{7,35}	Act ^b Dr ^b Ep ^b			900	500	400	6	20	150	Cw, Hw Ba, Bl Sw/Se/Sx	1.0 0.8 0.8
	06	Ba Bl ¹² Cw	Ba Bl ¹² Cw	Hw ² Sxs ³⁵	Hw ² Sxs ³⁵		Act ^b Dr ^b Ep ^b			900	500	400	3	20	150	Cw, Hw Ba, Bl Sw/Se/Sx	1.3 1.0 1.0
	07	Ba Cw	Ba Cw	Bl ¹² Hw Sxs ³⁵	Bl ¹² Hw Sxs ³⁵		Act ^{41,a} Dr ^{40,41,a} Ep ^b			900	500	400	3	20	150	Cw, Hw Ba, Bl Sw/Se/Sx	1.3 1.0 1.0
	08		Cw ¹	Ba ¹ Bl ¹² Cw ¹ Sxs ^{1,35}	Ba ¹ Bl ¹² Sxs ^{7,35}		Act ^{41,a} Dr ^{40,41,a} Ep ^b			900	500	400	3	20	150	Cw Ba, Bl Sw/Se/Sx	1.3 1.0 1.0
	10*	Pl ¹	Pl ¹		Cw ¹	Cw ¹	Ep ^b			400	200	200	3	20	150	Pl Cw	1.3 0.8
	11	Cw ¹	Cw ¹	Sxs ¹	Sxs ¹ Hw ¹	Ba ¹ Hw ¹	Act ^b Dr ^b Ep ^b			800	400	400	3	20	150	Ba, Cw, Hw Sw/Se/Sx	0.8 0.6

1,2 etc - see "Footnotes"

*Avoid logging

+Associated with Red-listed plant communities

Even-Aged Coniferous Stocking Standards

Biogeoclimatic Ecosystem Classification		Regeneration to Free Growing Standards											Free Growing Standards			
		Species							Well-Spaced Stocking			Maximum Regeneration Delay (yrs)	Latest Free Growing (yrs)	% tree height over brush	Minimum Height	
		Conifer			Deciduous	Target (well-spaced stems/ha)	MIN pa	MIN p	MIN p	Species	Ht (m)					
		Primary	Preferred (p)	Secondary											Acceptable (a)	Tertiary
CWHxm	01+	Fd	Fd	Hw ²⁴	Hw ²⁴ Cw Pw ³¹	Cw Pw ³¹	Dr ^{7,42,a} Mb ^b Ep ^{18,a} Ra ^b	900	500	400	3	20	150	Fd 3.0 Pw 2.5 Hw 2.0 Cw 1.5		
	02*+	Pl	Pl Fd	Fd			Qg ^b Ra ^a	400	200	200	3	20	150	Pl 1.3 Fd 2.0		
	03	Fd	Fd Pl ⁶	Pl ⁶	Cw	Cw Hw	Act ^b Dr ^b Ep ^a Mb ^b Ra ^b	800	400	400	3	20	150	Fd 2.0 Hw, Pl 1.3 Cw 1.0		
	04+	Fd	Fd		Cw Pw ³¹	Cw Pw ³¹	Act ^b Dr ^b Ep ^b Mb ^a	900	500	400	3	20	150	Fd 3.0 Pw 2.5 Cw 1.5		
	05	Cw Fd	Cw Fd		Pw ³¹	Bg ⁵³ Hw Pw ³¹	Act ^{42,a} Dr ^{42,a} Ep ^{18,a} Mb ^a	900	500	400	3	20	150	Fd 4.0 Bg 3.5 Pw 2.5 Cw 2.0 Hw 1.8		
	06+	Cw Hw	Cw Hw Fd ¹⁸	Fd ¹⁸		Bg ⁷	Act ^b Dr ^{7,41,a} Ep ^{18,a} Mb ^b	900	500	400	6	20	150	Bg, Fd 3.0 Hw 2.0 Cw 1.5		
	07+	Bg Cw Fd	Cw Fd		Bg	Hw	Act ^{41,a} Dr ^{41,a} Ep ^{18,a} Mb ^{41,a}	900	500	400	3	20	150	Fd 4.0 Bg 3.5 Cw 2.0 Hw 1.8		
	08+	Bg Cw Ss ³⁵	Cw Ss ³⁵		Bg		Act ^{41,a} Dr ^{41,a} Ep ^{18,a} Mb ^{41,a}	900	500	400	3	20	150	Ss 4.0 Bg 3.5 Cw 2.0		
	09		Cw ¹	Bg ¹ Cw ¹	Bg ¹		Act ^{41,a} Dr ^{41,a} Ep ^{18,a} Mb ^{41,a}	900	500	400	3	20	150	Cw 2.0 Bg 3.5		
	11*	Pl ¹	Pl ¹		Cw ¹	Cw ¹		400	200	200	3	20	150	Pl 1.3 Cw 1.0		
	12	Cw ¹	Cw ¹		Hw ¹ Pw ³¹	Hw ¹ Pw ³¹ Ss ³⁵	Act ^b Dr ^b Ep ^b Mb ^b	800	400	400	3	20	150	Pw 2.5 Hw 1.3 Ss 1.5 Cw 1.0		
	13+	Bg Cw	Cw Bg Fd	Fd			Act ^{41,a} Dr ^{41,a} Ep ^{18,a} Mb ^{41,a}	900	500	400	3	20	150	Fd 4.0 Bg 3.5 Cw 2.0		
	14+	Bg ¹ Cw ¹	Bg ¹ Cw ¹				Act ^{41,a} Dr ^{41,a} Ep ^{18,a} Mb ^{41,a}	900	500	400	3	20	150	Bg 3.5 Cw 2.0		
	15	Cw ¹	Cw ¹				Act ^b Dr ^b Ep ^b Mb ^b	800	400	400	3	20	150	Cw 2.0		

1,2 etc - see "Footnotes"

*Avoid logging

+Associated with Red-listed plant communities

Even-Aged Coniferous Stocking Standards

Biogeoclimatic Ecosystem Classification		Regeneration to Free Growing Standards										Free Growing Standards				
		Species						Well-Spaced Stocking		Maximum Regeneration Delay (yrs)	Latest Free Growing (yrs)	% tree height over brush	Minimum Height			
		Conifer			Deciduous			Target (well-spaced stems/ha)	MIN pa				MIN p	Species	Ht (m)	
Zone / Subzone	Series	Primary	Preferred (p)	Secondary	Acceptable (a)	Tertiary				1200	700	600	4	20	125	Pl 2.0 Sw/Se/Sx 1.0 Bl 0.8 Ba 0.6
ESSFmw	01	Se	Se Ba ¹⁷ Bl	Ba ¹⁷ Bl		Pl										
	02	Pl	Pl Fd ^{8,14}	Fd ^{8,14}	Se	Se				1000	500	400	7	20	125	Pl 1.3 Fd 1.0 Sw/Se/Sx 0.8
	03	Pl	Pl Fd ^{8,14} Se	Fd ^{8,14} Se						1000	500	400	7	20	125	Pl 1.3 Fd 1.0 Sw/Se/Sx 0.8
	04	Pl Se	Pl Se Fd ^{8,14}	Fd ^{8,14}	Bl	Bl				1200	700	600	7	20	125	Pl 1.3 Fd 1.0 Sw/Se/Sx 0.8 Bl 0.6
	05	Se	Se Bl	Ba ¹⁷ Bl	Ba ¹⁷	Hm ¹⁷ Pl ³⁴				1200	700	600	4	20	125	Pl 2.0 Hm, Sw/Se/Sx 1.0 Bl 0.8 Ba 0.6
	06	Bl Se	Bl Se	Ba ¹⁷	Ba ¹⁷	Pl ³⁴				1200	700	600	4	20	125	Pl 2.0 Sw/Se/Sx 1.0 Bl 0.8 Ba 0.6
	07	Bl Se	Bl Se	Ba ¹⁷	Ba ¹⁷ Cw ^{14,32}	Cw ^{14,32} Pl ³⁴				1000	500	400	4	20	125	Pl 1.3 Cw, Sw/Se/Sx 0.8 Ba, Bl 0.6
	08	Bl ¹ Se ¹	Bl ¹ Se ¹		Cw ^{14,32}	Cw ^{14,32} Pl ³⁴				1000	500	400	4	20	125	Pl 1.3 Cw, Sw/Se/Sx 0.8 Bl 0.6

Biogeoclimatic Ecosystem Classification		Regeneration to Free Growing Standards											Free Growing Standards			
		Species						Well-Spaced Stocking			Maximum Regeneration Delay (yrs)	Latest Free Growing (yrs)	% tree height over brush	Minimum Height		
		Conifer		Deciduous		Target	MIN pa	MIN p	Species	Ht (m)						
Zone / Subzone	Series	Primary	Preferred (p)	Secondary	Acceptable (a)	Tertiary										
IDFww+	01	Fd	Fd	Pl	Pl Cw	Cw Hw	Act ^b Ep ^b Mb ^b	600	400	400	4	20	150		Pl 2.0 Cw, Fd 1.5 Hw 1.0	
	02*	Pl	Pl		Fd	Fd	Mb ^b	400	200	200	3	20	150		Pl 1.3 Fd 1.0	
	03*	Fd	Fd	Pl	Pl		Act ^b Ep ^b Mb ^b	600	400	400	3	20	150		Pl 2.0 Fd 1.5	
	04+	Fd	Fd		Cw	Cw	Act ^b Ep ^a Mb ^{17,a}	600	400	400	4	20	150		Cw, Fd 1.5	
	05	Cw Fd	Cw Fd		Hw	Hw Ss ^{15,35}	Act ^{42,a} Ep ^a Mb ^{17,a}	1000	500	400	4	20	150		Ss 4.0 Cw, Fd 2.0 Hw 1.5	
	06	Fd Cw	Fd Cw			Hw Ss ^{15,35}	Act ^a Ep ^a Mb ^b	1000	500	400	4	20	150		Ss 4.0 Cw, Fd 2.0 Hw 1.5	
	07	Cw ¹	Cw ¹		Pl ⁷ Ss ^{1,15,35}	Pl ⁷ Ss ^{1,15,35}	Act ^{41,a} Ep ^b Mb ^{17,41,a}	1000	500	400	4	20	150		Ss 3.0 Pl 2.0 Cw 1.5	

1,2 etc - see "Footnotes"

*Avoid logging

+Associated with Red-listed plant communities

Even-Aged Coniferous Stocking Standards

Biogeoclimatic Ecosystem Classification		Regeneration to Free Growing Standards										Free Growing Standards		
Zone / Subzone	Series	Species					Well-Spaced Stocking			Maximum Regeneration Delay (yrs)	Latest Free Growing (yrs)	% tree height over brush	Minimum Height	
		Primary	Preferred (p)	Conifer	Deciduous	Target (well-spaced stems/ha)	MIN	pa	MIN p				Species	Ht (m)
MHm1+	01	Ba Hm Yc	Ba Hm Yc	Secondary	Bp ²³ Hw ^{14,53} Se ²³	900	500	400	400	7	20	125	Bp Hm, Hw, Yc Se Ba	1.3 1.0 1.0 0.6
	02	Hm Yc	Hm Yc	Ba Se ²³	Ba Se ²³	800	400	400	400	4	20	125	Hm, Yc Se Ba	0.8 0.8 0.6
	03	Ba Hm Yc	Ba Hm Yc		Bp ²³ Hw ^{14,53} Se ²³	900	500	400	400	4	20	125	Bp Hm, Hw, Yc Se Ba	1.3 1.0 1.0 0.6
	04	Ba Hm Yc	Ba Hm Yc		Hw ^{14,53}	900	500	400	400	7	20	125	Hm, Hw, Yc Ba	1.0 0.6
	05	Ba Yc	Ba Yc	Hm	Hw ^{14,53}	900	500	400	400	4	20	125	Hm, Hw, Yc Ba	1.0 0.6
	06	Hm ¹ Yc ¹	Hm ¹ Yc ¹		Ba ¹	800	400	400	400	7	20	125	Hm, Yc Ba	0.8 0.6
	07	Ba ¹ Yc ¹	Ba ¹ Yc ¹	Hm ¹	Hm ¹	900	500	400	400	4	20	125	Hm, Yc Ba	0.8 0.6
	08*	Hm ¹ Yc ¹	Hm ¹ Yc ¹			400	200	200	200	4	20	125	Hm, Yc	0.8
	09	Yc ¹	Yc ¹	Hm ¹	Hm ¹	800	400	400	400	4	20	125	Hm, Yc	0.8

1,2 etc - see "Footnotes"

*Avoid logging

+Associated with Red-listed plant communities

Even-Aged Coniferous Stocking Standards

Biogeoclimatic Ecosystem Classification		Regeneration to Free Growing Standards													Free Growing Standards				
		Species										Well-Spaced Stocking			Maximum Regeneration Delay (yrs)	Latest Free Growing (yrs)	% tree height over brush	Minimum Height	
		Conifer					Deciduous					Target	MIN pa	MIN p				Species	Ht (m)
Zone / Subzone	Series	Primary	Preferred (p)	Secondary	Acceptable (a)	Tertiary						900	500	400	7	20	125	Bp	Ht
MHmm2	01	Ba Hm	Ba Hm Yc ¹⁷ Se	Yc ¹⁷ Se		Bl ^{45,53} Bp ²³ Hw ^{14,44}						900	500	400	7	20	125	Bl, Hm, Hw, Yc Se	1.3 1.0 1.0 0.6
		Bl ^{45,53} Hm	Bl ^{45,53} Hm Se Yc ¹⁷	Ba Se Yc ¹⁷	Ba	Hw ^{14,44,53}						440	400	400	4	20	125	Bl, Hm, Hw, Yc Se	0.8 0.8 0.6
	02																		
	03	Ba Hm Se	Ba Hm Se Yc ¹⁷	Yc ¹⁷		Bl ^{45,53} Bp ²³ Hw ^{14,44}						900	500	400	4	20	125	Bl, Hm, Hw, Yc Se	1.3 1.0 1.0 0.6
	04	Ba Hm	Ba Hm Yc ¹⁷	Yc ¹⁷		Bl ^{45,53} Hw ^{14,44}						900	500	400	7	20	125	Bl, Hm, Hw, Yc Ba	1.0 0.6
	05	Ba Se	Ba Se Yc ¹⁷	Hm Yc ¹⁷	Hm	Bl ^{45,53} Bp ²³ Hw ^{14,44}						900	500	400	4	20	125	Bl, Hm, Hw, Yc Se	1.3 1.0 1.0 0.6
	06	Hm ¹	Hm ¹ Yc ¹⁷	Yc ¹⁷	Ba ¹	Ba ¹						800	400	400	7	20	125	Hm, Yc Ba	0.8 0.6
	07	Ba ¹ Se ¹	Ba ¹ Se ¹ Yc ¹⁷	Hm ¹ Yc ¹⁷	Hm ¹	Hw ^{14,44}						900	500	400	4	20	125	Hm, Hw, Yc Se	0.8 0.8 0.6
	08*	Hm ¹	Hm ¹ Yc ^{1,17}	Yc ^{1,17}								400	200	200	4	20	125	Hm, Yc Se	0.8 0.6
	09	Hm ¹	Hm ¹ Yc ^{1,17}	Yc ^{1,17}	Se ¹	Se ¹						800	400	400	4	20	125	Hm, Yc Se	0.8 0.8

Even-Aged Coniferous Stocking Standards

2006-2011 Forest Stewardship Plan

Biogeoclimatic Ecosystem Classification		Regeneration to Free Growing Standards											Free Growing Standards			
		Species							Well-Spaced Stocking			Maximum Regeneration Delay (yrs)	Latest Free Growing (yrs)	% tree height over brush	Minimum Height	
		Conifer			Deciduous	Target (well-spaced stems/ha)	MIN pa	MIN p								
Zone / Subzone	Series	Primary	Preferred (p)	Secondary					Acceptable (a)	Tertiary	900	500	400	7	20	125
MHwh	01	Ba Hm Yc	Ba Hm Yc Cw ¹⁴	Cw ¹⁴ Hw ¹⁴ Ss ¹⁴	Hw ¹⁴ Ss ¹⁴			900	500	400	7	20	125	Ss Cw, Hm, Hw, Yc Ba	1.5 1.0 0.6	
	02*	Hm Yc	Hm Yc Cw ¹⁴	Cw ¹⁴		Ba ^{43,53}		400	200	200	4	20	125	Cw, Hm, Yc Ba	0.8 0.6	
	03	Hm Yc	Hm Yc Cw ¹⁴	Cw ¹⁴ Ss ¹⁴	Ss ¹⁴	Hw ¹⁴		900	500	400	7	20	125	Ss Cw, Hm, Hw, Yc	1.5 1.0	
	04	Ba Hm Yc	Ba Hm Yc Cw ¹⁴	Cw ¹⁴ Hw ¹⁴	Hw ¹⁴			900	500	400	7	20	125	Cw, Hm, Hw, Yc Cw, Hm, Hw, Yc Ba	1.0 1.0 0.6	
	05	Ba Yc	Ba Yc Cw ¹⁴	Cw ¹⁴ Hm Hw ¹⁴ Ss ¹⁴	Hm Hw ¹⁴ Ss ¹⁴	Pl		900	500	400	4	20	125	Pl Ss Cw, Hm, Hw, Yc Ba	2.0 1.5 1.0 0.6	
	06	Hm ¹ Yc ¹	Hm ¹ Yc ¹ Cw ¹⁴	Cw ¹⁴		Ba ¹⁹ Hw ^{14,53} Ss ^{7,53}		800	400	400	7	20	125	Ss Cw, Hm, Hw, Yc Ba	1.0 0.8 0.6	
	07	Ba Yc ¹	Ba Yc ¹ Cw ¹⁴	Cw ¹⁴ Hm ¹ Ss ¹⁴	Hm ¹ Ss ¹⁴	Hw ^{14,53}		900	500	400	4	20	125	Ss Cw, Hm, Hw, Yc Ba	1.0 0.8 0.6	
	08*	Hm ¹ Yc ¹	Hm ¹ Yc ¹ Cw ¹⁴	Cw ¹⁴				400	200	200	4	20	125	Cw, Hm, Hw, Yc Ba	0.8 0.6	
	09	Yc ¹	Yc ¹ Cw ¹⁴	Cw ¹⁴		Hm ¹ Ss ^{1,14}		800	500	400	4	20	125	Cw, Hm, Yc Cw, Hm, Yc Cw, Hm, Yc	0.8 1.0 0.8	

1,2 etc - see "Footnotes"
*Avoid logging

Even-Aged Deciduous Stocking Standards

2006-2011 Forest Stewardship Plan

Biogeoclimatic Ecosystem Classification		Tree Species		Product	Stocking Standards (well-spaced/ha)			Regeneration Delay	Late Free Growing	Minimum FG Height (m)	% tree over brush	Upper Density Maximum (sph)*		Post Spacing Density (sph)	
Zone/Subzone	Site Series	Preferred	Acceptable		TSSpa	MSSpa	MSSp					Maximum	Minimum	Maximum	Minimum
CWHxm CWHdm CWHds2 CWHvm1 CWHmm1 CWHvh1 CWHwh1	Good and Medium Productivity (see table below)	Red Alder 'Dr'	see even-aged stocking standards for ecologically suitable coniferous species	Sawlogs	1200	700	600	3	20	4	150	1500	600	900	
CWHxm CWHdm CWHds2 CWHvm1 CWHws2 CWHxm	productive sites as indicated in the tables for even-aged stocking standards	Coastal Black Cottonwood 'Act'	see even-aged stocking standards for ecologically suitable coniferous species	Sawlogs	700	400	400	3	20	4	150				
				Pulp	900	600	500	3	20	4	150				

TSS - target stocking standards MSS - minimum stocking standards sph - stems per hectare
 pa - preferred and acceptable species p - preferred species

*A person required to establish a free growing red alder stand, where the number of red alder trees per hectare on the area exceeds the upper density, must carry out a spacing treatment on the area before the late free growing date to reduce the number of alder trees per hectare to within the post spacing range. Spacing must be completed before the live crown ratio falls below 40%.

Appropriate BEC Sites for Red Alder Management+

Biogeoclimatic Unit	Good Productivity Site Series (best sites)	Medium Productivity Site Series (specific to site conditions)
CWHxm	07, {08, 09}, [13, 14]	01(4/C), 05(4/D-E), 06(5-6/C)
CWHdm	07, {08, 09}, [13, 14]	01(4/C), 05(4/D-E), 06(5-6/C)
CWHds2	{08, 09}	07, 01(4/C), 05(4/D-E), 06(5-6/C)
CWHvm1	07, 08, {09, 10}	01(3-4/C), 05, 06(5-6/C)
CWHmm1	07, {08, 09}	01(3-4/C), 05, 06(5-6/C)
CWHvh1		04(4/C), 05, 06, 07, {08, 09}
CWHwh1	05, 06, {07, 08}	01(3-4/C), 03

{ } = alluvial floodplain site, [] = fluctuating water table site

+ based on the table from EN-016 Courtin et al. (2002) as shown in the Draft Common Principles for the Management of Red Alder within the Coast Forest Region (Revised May 2005)

Suitability of Deciduous Species Management under the FSP:

The deciduous stocking standards apply to stands or portions of stands intended to be managed on an even-aged basis for economically viable broadleaf species (Dr or Act). Deciduous species must form 80 percent or more of the stand being regenerated. Deciduous management will be considered appropriate for Seaward operations as described in the situations below:

1. Where the pre-harvest stand is greater than 70% deciduous and is associated with a tenure that has a TSR which supports deciduous management and is developed by Seaward BCTS as part of an apportionment allocation (such as TFL 43).

2. Where deciduous species are established to manage significant and severe root rot centres on a short rotation interim crop as part of a strategy to use alternate resistant species.

In the above cases, application of deciduous management will be on an incidental basis within the Seaward Business Area and is not expected to affect a significant area over the term of the forest stewardship plan. The document 'Common Principles for the Management of Red Alder within the Coast Forest Region' (revised May 2005) and other available information will be consulted for guidance when red alder management is considered. As indicated in this document, managing for red alder sawlog production requires intensive management or artificial regeneration with high planting densities.

Minimum Intertree Distance (MITD):

MITD is 2.0 m except where limited by:

- the existing distribution of the residual stand
- residual harvesting debris providing coarse woody debris including slash at roadsides or around debris piles, or in heli-harvested stands
- mechanical site prep (including areas stump treated for root disease)
- hygric, sub-hydric or other soil limiting conditions.

Where the above limitations occur, MITD may be reduced to 1.6 m.

Advance Regeneration and Residual Tree Criteria:

To be considered an acceptable crop tree, advance regeneration will be of average to good form, able to grow vigorously when released, be reasonably windfirm and be expected to produce a marketable tree free of serious defect within a stand rotation.

In general, the expected characteristics of residual trees to be counted towards meeting the stocking standards is as follows:

1. Vigorous (free of disease or incidence of endemic disease such as mistletoe is low; free of significant damage; adequate crown)
2. Commercially valuable trees with average to good form (minimal sweep; straight bole)
3. Ecologically suitable trees (tree adapted to the site on which it is located - within natural range)

Stocking Standards Footnote Reference

Conifer Tree Species

"Ba" means amabilis fir;
"Bg" means grand fir;
"Bi" means subalpine fir;
"Bp" means noble fir;
"Cw" means western red cedar;
"Fd" means Douglas-fir;
"Hm" means mountain hemlock;
"Hw" means western hemlock;
"L" means tamarack;
"Lw" means western larch;
"Pa" means whitebark pine;
"Pi" means lodgepole pine;
"Pw" means white pine;
"Py" means ponderosa pine;
"Sb" means black spruce;
"Se" means Engelmann spruce;
"Ss" means Sitka spruce;
"Sw" means white spruce;
"Sx" means hybrid spruce or interior spruce;
"Sxs" means hybrid Sitka spruce;
"Sxw" means hybrid white spruce;
"Yc" means yellow cedar.

Broadleaf Tree Species

"Acb" means balsam poplar;
"Act" means black cottonwood;
"At" means trembling aspen;
"Dr" means red alder;
"Ep" means common paper birch;
"Mb" means bigleaf maple;
"Qg" means garry oak;
"Ra" means arbutus;

"Biogeoclimatic unit" or "BGC classification" means the zone, subzone, variant and site series described in the most recent field guide published by the Ministry of Forests for the identification and interpretation of ecosystems, as applicable to a harvested area.

"MIN" or "Min" means minimum.

Footnote #	Footnote	Footnote #	Footnote
1	elevated microsites are preferred	46	restricted to area north of the Dean Channel
2	suitable on thick forest floors	47	risk of balsam woolly adelgid
3	restricted to coarse-textured soils	48	risk of heavy browsing by deer
4	restricted to medium-textured soils	49	applies only to rust resistant, planted stock.
5	footnote retired	50	restricted to sites where the species occurs as a
6	restricted to nutrient-very-poor sites	51	major species in a pre-harvest, natural stand
7	restricted to nutrient-medium sites	52	restricted to areas with proven PI performance
8	restricted to steep slopes	53	restricted to sheltered microsites with deep soil
9	restricted to southerly aspects	54	minor component
10	restricted to northerly aspects	55	risk of unsuccessful release of advance regeneration
11	restricted to crest slope positions	56	acceptable in sx-sm portion of site series
12	suitable on cold air drainage sites	57	Species is restricted to upper elevations when used in the
13	restricted to upper elevations of biogeoclimatic unit	58	southern portion of the biogeoclimatic unit.
14	restricted to lower elevations of biogeoclimatic unit		
15	restricted to northern portion of biogeoclimatic unit in region		
16	restricted to southern portion of biogeoclimatic unit in region		
17	restricted to western portion of biogeoclimatic unit in region		
18	restricted to eastern portion of biogeoclimatic unit in region		
19	restricted, not near outer coast		
20	restricted to mainland		
21	restricted to trial use		
22	suitable (as a major species) in wetter portion of		
23	biogeoclimatic unit		
24	suitable on sites lacking salal		
25	suitable minor species on salal-dominated sites		
26	partial canopy cover required for successful establishment		
27	limited by moisture deficit		
28	risk of heavy browsing by moose		
29	risk of porcupine damage		
30	risk of white pine blister rust		
31	limited by growing-season frosts		
32	footnote retired and replaced with footnote 'a'		
33	risk of snow damage		
34	risk of weevil damage		
35	suitable major species on salal-dominated sites		
36	risk of heart rots		
37	footnote retired		
38	avoid exposed and windy sites		
39	risk of redheart		
40	limited by poorly drained soils		
41	restricted to fresh soil moisture regimes		
42	suitable on mainland coast only (QCI only)		
43	suitable in areas with stronger maritime influence		
44	suitable in areas with stronger continental influence		
45			

Broadleaf Management Constraints

a productive, reliable, and feasible regeneration option
b limited in productivity, reliability and/or feasibility