APPENDIX 5 STOCKING STANDARDS 1 of 2

Standards I.D.	Biogeo. Sub-Zone	Site Series	Preferred Species	Acceptable Species	Stocking			Minimum (1) Intertree Distance (m)	Maximum (2) Density (sph above cut off height)	Regen Delay (Max yrs)	Latest Free Growing (yrs)	Min. Free Growing Height (m) Pl, Pw, Lw / Fd / Other / Dec.	Crop verses Competition %	Professional Considerations
					Target	Minimum Preferred & Acceptable	Minimum Preferred							
					(well spaced)									
1036846	ESSFdc2	01, 06, 07	Pl, Sx, Bl		1,200	700	700	2.0	25,000/10,000	4	20	1.6 / - / 0.8	125	
1036847	ESSFdc2	03, 04	Pl	Sx, Bl	1,000	500	400	2.0	25,000/10,000	7	20	1.2 / - / 0.6	125	
1036848	ESSFdc2	05	Pl, Sx, Bl		1,000	500	500	2.0	25,000/10,000	7	20	1.2 / - / 0.6	125	
1036849	ESSFdc2	08	Pl, Sx, Bl		1,000	500	500	2.0	25,000/10,000	4	20	1.2 / - / 0.6	125	
1036850	ESSFwc3	01	Sx, Bl	Pl	1,200	700	600	2.0	25,000/10,000	4	20	1.6 / - / 0.8	125	
1036851	ESSFwc3	02	Pl, Sx, Bl		1,000	500	500	2.0	25,000/10,000	7	20	1.2 / - / 0.6	125	
1036852	ESSFwc3	03	Sx, Bl		600	400	400	2.0	25,000/10,000	7	20	0.6 / - / 0.6	125	
1036853	ESSFwk1	01, 03, 04, 05	Pl, Sx, Bl		1,200	700	700	2.0	25,000/10,000	4	20	2.0 / - / 1.0	125	
1036854	ESSFwk1	02	Pl, Sx, Bl		1,000	500	400	2.0	25,000/10,000	7	20	1.4 / - / 0.8	125	
1036855	ESSFwk1	06, 07	Sx, Bl	Pl	1,000	500	500	2.0	25,000/10,000	4	20	0.8 / - / 0.8	125	Pl acceptable on raised microsites and sub-hygric moisture regime only.
	ICHdk	01, 04, 05, 06, 07	Pl, Fd, Sx, At, Act, Ep	Bl, Cw, Pw, Lw	1,200	700	600	2.0	25,000/10,000	4	20	2.0 / 1.4 / 1.0 / 1.5	150	At is considered prefered on the 05, 06, 07 site series. Ep is considered prefered in the 01, 04, 05, 06 site series. Pw limited to the KQ "A" seed planning zone, rust resistant provenances, and not to exceed 25% of well-spaced component on any contiguous areas >1.0 ha. Lw limited to sites <1,100 m elevation, with mid slope cold air drainage, minimum mean annual temperature of 3 degrees as per ClimateBC_3 Web Version, and not to exceed 25% of well-spaced component on any contiguous areas >1.0 ha.
	ICHdk	02	Pl, Fd	Cw, Sx, At	1,000	500	400	2.0	25,000/10,000	7	20	1.4 / 1.0 / 0.8 / 1.5	150	
	ICHdk	03	Pl, Fd	Cw, Sx, At	1,200	700	600	2.0	25,000/10,000	7	20	2.0 / 1.4 / 1.0 / 1.5	150	
	ICHdk	08	Fd ,Sx, Bl, At, Act, Ep	Pl , Cw, Pw	1,000	500	400	2.0	25,000/10,000	4	20	1.4 / 1.0 / 0.8 / 1.5	150	Bl can contribute up to a maximum of 300 Stems towards the minimum preferred value. Pw limited to the KQ "A" seed planning zone, rust resistant provenances, and not to exceed 25% of well-spaced component on any contiguous areas >1.0 ha.
	ICHdk	09	Sx, Act	Pl, Bl, Cw	1,000	500	400	2.0	25,000/10,000	4	20	1.4 / - / 0.8 / 1.5	150	
	ICHmk3	01, 04, 05, 06	Pl, Fd, Sx, At, Act, Ep	Cw, Bl, Pw, Lw, At	1,200	700	600	2.0	25,000/10,000	4	20	2.0 / 1.4/ 1.0 / 1.5	150	At is prefered in 01, 04 & acceptable in 05, 06 site series. Ep is prefered in 01, 04, 06. Pw limited to the KQ "A" seed planning zone, rust resistant provenances, and not to exceed 25% of well-spaced component on any contiguous areas >1.0 ha. Lw limited to sites <1,100 m elevation, with mid slope cold air drainage, minimum mean annual temperature of 3 degrees as per ClimateBC_3 Web Version, and not to exceed 25% of well-spaced component on any contiguous areas >1.0 ha.
1036862	ICHmk3	02	Pl, Fd	Sx, At	1,000	500	500	2.0	25,000/10,000	7	20	1.4 / 1.0 / 0.8 / 1.5	150	
	ICHmk3	03	Pl, Fd	Bl, Sx, Cw, At	1,000	500	400	2.0	25,000/10,000	7	20	1.4 / 1.0 / 0.8 / 1.5	150	
	ICHmk3	07	Sx, Cw, Act	Pl, Bl	1,000	500	400	2.0	25,000/10,000	4	20	1.4 / - / 0.8 / 1.5	150	
	ICHmw3	01, 05, 06, 07	Fd, Sx, Cw, At, Act, Ep	Bl, Pl, Hw, Pw, Lw, Act	1,200	700	600	2.0	25,000/10,000	4	20	2.0 / 1.4 / 1.0 / 1.5	150	At is prefered in the 06, 07 site series and acceptable in the 01 and 05 site series. Cw Restricted to cooler aspects (NW,N, NE, E, SE) above 800 m, or 06 and 07 site series. Bl & Hw acceptable above 1,000 m elevation on cooler aspects (NW,N, NE, E, SE). Pw limited to the KQ "A" seed planning zone, rust resistant provenances, and not to exceed 25% of well-spaced component on any contiguous areas >1.0 ha. Lw limited to sites <1,100 m elevation, with mid slope cold air drainage, minimum mean annual temperature of 3 degrees as per ClimateBC_3 Web Version, and not to exceed 25% of well-spaced component on any contiguous areas >1.0 ha.
	ICHmw3	04	Pl, Fd, At, Ep	Bl, Cw, Sx, Pw	1,200	700	600	2.0	25,000/10,000	4	20	2.0 / 1.4 / 1.0 / 1.5	150	Bl acceptable above 1,000 m elevation on cooler aspects (NW,N, NE, E, SE). Pw limited to the KQ "A" seed planning zone, rust resistant provenances, and not to exceed 25% of well-spaced component on any contiguous areas >1.0 ha.
	ICHmw3	02, 03	Pl, Fd, At, Ep	Sx, Hw, Cw, Ep	1,000	500	400	2.0	25,000/10,000	4	20	1.4 / 1.0 / 0.8 / 1.5	150	At is prefered in 03 site series. Ep is prefered in 03 & acceptable in 02 site series. Hw & Sx are acceptable in 03 site series.
	ICHmw3	08	Pl, Sx, Cw, Hw, Act	Bl, At, Ep	1,000	500	400	2.0	25,000/10,000	4	20	1.4 / - / 0.8 / 1.5	150	
	IDFdk3	01	Pl, Fd, Sx, At	Sx, Py	1,200	700	600	2.0	25,000/10,000	7	20	1.4 / 1.0 / 0.8 / 1.5	125	Sx is to be considered prefered on cooler sites > 950 meters, E, NE, N, NW where conditions and microsite allow for good growth. Py is not to exceed 25% of the well-spaced component on any contiguous areas >1.0 ha.
1036873	IDFdk3	02, 03	Pl, Fd	Py	800	500	400	2.0	25,000/10,000	7	20	1.0 / 0.8 / 0.8	125	Py is not to exceed 25% of the well-spaced component on any contiguous areas >1.0 ha.
	IDFdk3	04, 05, 06	Pl, Fd	Py, At	1,200	700	600	2.0	25,000/10,000	7	20	1.4 / 1.0 / 0.8 / 1.5	125	Py is not to exceed 25% of the well-spaced component on any contiguous areas >1.0 ha.
	IDFdk3	07,08	Pl, Fd, Sx, At	Act, Ep	1,200	700	600	2.0	25,000/10,000	4	20	1.4 / 1.0 / 0.8 / 1.5	125	Act is acceptable in 08 site series.
	IDFdk3	09	Sx, Act	Pl	1,000	500	400	2.0	25,000/10,000	4	20	1.0 / - / 0.6 / 1.5	125	
	IDFmw2	01	Pl, Fd, At, Ep	Sx, Cw, Lw	1,200	700	600	2.0	25,000/10,000	7	20	1.6 / 1.0 / 0.8 / 1.5	125	Lw limited to sites <1,100 m elevation, with mid slope cold air drainage, minimum mean annual temperature of 3 degrees as per ClimateBC_3 Web Version, and not to exceed 25% of well-spaced component on any contiguous areas >1.0 ha.
	IDFmw2	03	Pl, Fd	Sx, Cw, At, Ep	1,000	500	400	2.0	25,000/10,000	7	20	1.6 / 1.0 / 0.8 / 1.5	125	
	IDFmw2	04	Fd, Sx, At, Act, Ep	Bl, Cw, Pl	1,200	700	600	2.0	25,000/10,000	4	20	1.6 / 1.0 / 0.8 / 1.5	125	Bl is acceptable above 900 m elevation on cooler aspects (NW,N, NE, E, SE).
	MSxk	01,06,07	Pl, Fd, Sx, At	Sx, Bl	1,200	700	700 / 600	2.0	25,000/10,000	7	20	1.4 / 0.8 / 0.8 / 1.5	125	Sx as prefered in the 01 site series is restricted to northerly aspects & upper elevations, otherwise acceptable. Bl will be moved to preferred on sites above 1400m elevation.
	MSxk	02, 05	Pl, Fd	Sx, Bl	1,000	500	400	2.0	25,000/10,000	7	20	1.0 / 0.6 / 0.6 / -	125	Sx is acceptable on the 05 site series.
	MSxk	08	Pl, Fd, Sx, At, Act	Bl	1,200	700	600	2.0	25,000/10,000	4	20	1.4 / 0.8 / 0.8 / 1.5	125	Bl will be moved to preferred on sites above 1400m elevation.
1036883	MSxk	09	Pl, Sx, Act	Bl, At	1,000	500	500 / 400	2.0	25,000/10,000	4	20	1.0 / - / 0.6 / 1.5	125	Bl will be moved to preferred on sites above 1400m elevation.
	SBPSmk	01, 04, 05, 06	Pl, Fd, Sx, At, Act	Bl, Lw, At	1,200	700	600	2.0	25,000/10,000	7	20	1.6 / 1.0 / 0.8 / 1.5	150	At is prefered in 01, 04, 06 & acceptable in the 05 site series. Act is prefered in th 06 site series. Bl contribution as an acceptable species will not exceed 15% of the target stocking, and is only acceptabe on cooler aspects (NW,N, NE, E, SE). Lw limited to sites <1,100 m elevation, with mid slope cold air drainage, minimum mean annual temperature of 3 degrees as per ClimateBC_3 Web Version, and not to exceed 25% of well-spaced component on any contiguous areas >1.0 ha.
	SBPSmk	02, 03	Pl, Fd, At	Sx, Bl	1,200	700	500	2.0	25,000/10,000	7	20	1.4 / 0.9 / 0.8 / 1.5	150	At is prefered in the 03 site series. Bl contribution as an acceptable species will not exceed 15% of the target stocking, and is only acceptabe on cooler aspects (NW,N, NE, E, SE).
	SBPSmk	07	Sx, At, Act	Pl, Bl	1,000	500	400	2.0	25,000/10,000	4	20	1.2 / - / 0.6 / 1.5	150	Bl contribution as an acceptable species will not exceed 15% of the target stocking, and is only acceptabe on cooler aspects (NW,N, NE, E, SE).
1036887	SBPSmk	08	Pl, Sx		400	200	200	2.0	25,000/10,000	4	20	1.2 / - / 0.6	150	
	SBSdw1	01, 06	Pl, Fd ,Sx, At, Act, Ep	Bl, Lw	1,200	700	600	2.0	25,000/10,000	7	20	2.0 / 1.4 / 1.0 / 1.5	150	Act prefered in the 06 site series only. Lw limited to sites <1,100 m elevation, with mid slope cold air drainage, minimum mean annual temperature of 3 degrees as per ClimateBC_3 Web Version, and not to exceed 25% of well-spaced component on any contiguous areas >1.0 ha.
1036889	SBSdw1	02, 03	Pl, Fd, At	At	1,200	700	700	2.0	25,000/10,000	7	20	1.6 / 1.0 / - / 1.5	150	At prefered in 03 & acceptable in the 02 site series.
	SBSdw1	04, 05	Pl, Fd ,Sx, At	Ep	1,200	700	700	2.0	25,000/10,000	7	20	2.0 / 1.4 / 1.0 / 1.5	150	
	SBSdw1	07, 08	Pl, Fd ,Sx, At, Act, Ep	Bl, Ep	1,200	700	600	2.0	25,000/10,000	4	20	2.0 / 1.4 / 1.0 / 1.5	150	Ep prefered in 08 & acceptable in 07 site series.
	SBSdw1	09	Sx, Act	Pl, Bl	1,000	500	400	2.0	25,000/10,000	4	20	1.4 / - / 0.8 / 1.5	150	
	SBSdw2	01, 05, 06	Pl, Fd ,Sx, At, Ep	Lw, Ep	1,200	700	700	2.0	25,000/10,000	7	20	2.0 / 1.4 / 1.0 / 1.5	150	Ep prefered in 01 & acceptable in 05, 06 site series. Lw limited to sites <1,100 m elevation, with mid slope cold air drainage, minimum mean annual temperature of 3 degrees as per ClimateBC_3 Web Version, and not to exceed 25% of well-spaced component on any contiguous areas >1.0 ha.
1036894	SBSdw2	02	Pl, Fd		1,000	500	500	2.0	25,000/10,000	7	20	1.4 / 1.0 / -	150	
1036895	SBSdw2	03, 04	Pl, Fd	At	1,200	700	700	2.0	25,000/10,000	7	20	2.0 / 1.4 / - / 1.5	150	
	SBSdw2	07	Pl, Sx, At	Bl	1,200	700	600	2.0	25,000/10,000	7	20	2.0 / - / 1.0 / 1.5	150	Bl acceptable above 1,000 m elevation on cooler aspects (NW,N, NE, E, SE).
	SBSdw2	08, 09	Pl, Fd, Sx, At, Act, Ep	Bl, Ep	1,200	700	600	2.0	25,000/10,000	4	20	2.0 / 1.4 / 1.0 / 1.5	150	Ep prefered in 09 & acceptable in 08 site series.
1036898	SBSdw2	10	Sx, Act	Pl, Bl	1,000	500	400	2.0	25,000/10,000	4	20	1.4 / - / 0.8 / 1.5	150	
1036899	SBSdw2	11	Pl, Sx	Sb	400	200	200	2.0	25,000/10,000	4	20	1.4 / - / 0.8	150	
	SBSmc1	01	Pl, Fd ,Sx, Bl	Bl, Act	1,200	700	600	2.0	25,000/10,000	7	20	1.6 / 1.0 / 0.8 / 1.5	150	Bl can contribute up to a maximum of 200 Stems towards the minimum preferred value.
1036901	SBSmc1	02, 03	Pl, Fd	Sx, At	1,200	700	600	2.0	25,000/10,000	7	20	1.4 / 1.0 / 0.8 / 1.5	150	At acceptable in the 03 site series only.
	SBSmc1	04, 05	Pl, Sx	Bl	1,200	700	600	2.0	25,000/10,000	7	20	1.6 / - / 0.8 / -	150	
	SBSmc1	06, 07	Pl, Fd ,Sx, Bl, Act	Bl	1,200	700	600	2.0	25,000/10,000	4	20	1.6 / 1.0 / 0.8 / 1.5	150	Bl can contribute up to a maximum of 200 Stems towards the minimum preferred value.
1036904	SBSmc1	08	Sx, Bl	Pl, Bl, Act	1,000	500	400	2.0	25,000/10,000	4	20	1.2 / - / 0.6 / 1.5	150	Bl can contribute up to a maximum of 200 Stems towards the minimum preferred value.
	SBSmm	01, 05, 06, 07	Pl, Fd ,Sx, Bl, At, Act	Bl, Cw, Act	1,200	700	700	2.0	25,000/10,000	7	20	2.0 / 1.4 / 1.0 / 1.5	150	Act is prefered in 07 & acceptable 01 site series only. Cw is acceptable in the 07 site series only. Bl can contribute up to a maximum of 300 Stems towards the minimum preferred value.
	SBSmm	02, 03, 04	Pl, Fd	Bl, Sx, At	1,000	500	400	2.0	25,000/10,000	7	20	1.4 / 1.0 / 0.8 / 1.5	150	At is acceptable in the 02, 04 site series only.
	SBSmm	08	Pl, Sx, Bl, Act	Bl, At, Ep	1,000	500	500	2.0	25,000/10,000	4	20	1.4 / - / 0.8 / 1.5	150	Bl can contribute up to a maximum of 300 Stems towards the minimum preferred value.

1) **Minimum Intertree Distance may be reduced to 1.5 meters as per Section 8.7 of the Stocking Standards Rational Document.**
2) **Maximum Density is 25,000 countable stems per ha in stands where pine stocking is > 80% of the inventotry and 10,000 countable stems per ha where pine stocking is < 80% of the inventory.**
3) **Species colored in Blue are species native to British Columbia but do not occur naturally on most of these sites. The addition of these species is considered assisted migration for climate change.**
4) **Species colored in Red are species which occur naturally and grow well on these sites. The addition of these species to the stocking standards is ment to align with First Nations Values and Traditional Use of the land.**