

**Keneknem Forest Tenures Ltd. FSP Version 4.0**

**APPENDIX 3 EVEN AGED STOCKING STANDARDS 1 of 2**

Standards I.D.	Biogeo. Sub-Zone	Site Series	Preferred Species	Acceptable Species	Stocking			Minimum Intertree Distance (m)	Maximum Density (sph above cut off height)	Regen Delay (Max yrs)	Latest Free Growing (yrs)	Min. Free Growing Height (m)	Crop versus Competition %	Additional Conditions	
					Target	Minimum Preferred & Acceptable	Minimum Preferred								
					(well spaced)										
1069922	ESSFdc2	01, 06, 07	Pl, Sx, Bl		1,200	700	700	2.0	25,000/10,000	4	20	1.6 / - / 0.8	125		
1069923	ESSFdc2	03, 04	Pl	Sx, Bl	1,000	500	400	2.0	25,000/10,000	7	20	1.2 / - / 0.6	125		
1069924	ESSFdc2	05	Pl, Sx, Bl		1,000	500	500	2.0	25,000/10,000	7	20	1.2 / - / 0.6	125		
1069925	ESSFdc2	08	Pl, Sx, Bl		1,000	500	500	2.0	25,000/10,000	4	20	1.2 / - / 0.6	125		
1069926	ESSFwc3	01	Sx, Bl	Pl	1,200	700	600	2.0	25,000/10,000	4	20	1.6 / - / 0.8	125		
1069927	ESSFwc3	02	Pl, Sx, Bl		1,000	500	500	2.0	25,000/10,000	7	20	1.2 / - / 0.6	125		
1069928	ESSFwc3	03	Sx, Bl		600	400	400	2.0	25,000/10,000	7	20	0.6 / - / 0.6	125		
1069929	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		
1069930	ESSFwk1	02	Pl, Sx, Bl		1,000	500	400	2.0	25,000/10,000	7	20	1.4 / - / 0.8	125		
1069931	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-hyric moisture regime only.	
1069932	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	Act is considered preferred on the 05, 06, 07 site series. Ep is considered preferred 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.	
1069933	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		
1069934	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		
1069935	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.	
1069936	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		
1069937	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 preferred in 01, 04 & acceptable in 05, 06 site series. Ep is preferred 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.	
1069938	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		
1069939	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		
1069940	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		
1069941	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	Act is preferred 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.	
1069942	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.	
1069943	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 preferred in 03 site series. Ep is preferred in 03 & acceptable in 02 site series. Hw & Sx are acceptable in 03 site series.	
1069944	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		
1069945	IDFd3	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 preferred 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.	
1069946	IDFd3	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.	
1069947	IDFd3	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.	
1069948	IDFd3	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.	
1069949	IDFd3	09	Sx, Act	Pl	1,000	500	400	2.0	25,000/10,000	4	20	1.0 / - / 0.6 / 1.5	125		
1069950	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.	
1069951	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		
1069952	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).	
1069953	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 preferred in the 01 site series is restricted to northerly aspects & upper elevations, otherwise acceptable. Bl will be moved to preferred on sites above 1040m elevation.	
1069954	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.	
1069955	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.	
1069956	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.	
1069957	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 preferred in 01, 04, 06 & acceptable in the 05 site series. Act is preferred in th 06 site series. Bl contribution as an acceptable species will not exceed 15% of the target stocking, and is only acceptable 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.	
1069958	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 preferred in the 03 site series. Bl contribution as an acceptable species will not exceed 15% of the target stocking, and is only acceptable on cooler aspects (NW, N, NE, E, SE).	
1069959	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 acceptable on cooler aspects (NW, N, NE, E, SE).	
1069960	SBPSmk	08	Pl, Sx		400	200	200	2.0	25,000/10,000	4	20	1.2 / - / 0.6	150		
1069961	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 preferred 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.	
1069962	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 preferred in 03 & acceptable in the 02 site series.	
1069963	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		
1069964	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 preferred in 08 & acceptable in 07 site series.	
1069965	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		
1069966	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 preferred 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.	
1069967	SBSdw2	02	Pl, Fd		1,000	500	500	2.0	25,000/10,000	7	20	1.4 / 1.0 / -	150		
1069968	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		
1069969	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).	
1069970	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 preferred in 09 & acceptable in 08 site series.	
1069971	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		
1069972	SBSdw2	11	Pl, Sx	Sb	400	200	200	2.0	25,000/10,000	4	20	1.4 / - / 0.8	150		
1069973	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.	
1069974	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.	
1069975	SBSmc1	04, 05	Pl, Sx	Bl	1,200	700	600	2.0	25,000/10,000	7	20	1.6 / - / 0.8 / -	150		
1069976	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.	
1069977	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.	
1069978	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 preferred 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.	
1069979	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.	
1069980	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 Maximum Density is 25,000 countable stems per ha in stands where pine stocking is > 80% of the inventory and 10,000 countable stems per ha where pine stocking is < 80% of the inventory.  
 2 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.  
 3 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.  
 4 Where dwarf mistletoe control treatments are conducted within 3 years, post harvest, Lodgepole dwarf mistletoe will not be considered deleterious at the time of free growing.