BRITISH COLUMBIA | Ministry of Forests

File: 18830-30 Stocking Standards

November 16, 2022

Re: Cariboo Region Stocking Standards 2022

Dear Licensee,

Updated stocking standards for the Cariboo Region have been developed over the past two years. Updated standards are in response to periodic review.

The updated regional stocking standards build on those developed in 2018 that:

- Established consistent reforestation standards available for all licensees in the Cariboo Region to adopt.
- Streamlined the stocking standard development, review, and approval process to benefit all tenure holders and the ministry.
- Updated the previously approved standards to increase diversity at the stand level through the inclusion of more ecologically suitable species.

The changes included in the 2022 new regional standards include:

- Improved clarity of the supporting documentation and divided into two parts: general assessment procedures and variations.
- Maximum density limits will no longer be applied on even aged SUs.
- IDFdw and BG standards are now included.
- Brush is non-deleterious in the IDF biogeoclimatic zone for the purposes of free growing assessments.
- An appendix has been added to assist with understanding the linkages between stocking standards and GAR orders.
- Redundant or unnecessary variations were removed.

The regional stocking standards will continue to be reviewed periodically. We, the undersigned, support the use of the Cariboo Region Stocking Standards and the supporting documentation, as attached, in Forest Stewardship Plans (FSP), Woodlot Licence Plans (WLP), site plans and when prescribing reforestation activities.

While tenure holders will continue to have the option of developing and obtaining approval of individual stocking standards, as provided under the Forest and Range Practices Act, all tenure holders are encouraged to incorporate the Cariboo Region Stocking Standards in their respective FSPs, WLPs and site plans.

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If you have questions please contact Shelley Barlow, Regional Silviculture Specialist, 236-713-2244.

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District Manager Cariboo-Chilcotin Natural Resource District	District Manager Quesnel Natural Resource District	District Manager 100 Mile House Natural Resource District

Attached: Cariboo Region Stocking Standards 2022
Cariboo Region Stocking Standards General Assessment Procedures 2022
Cariboo Region Stocking Standards Variations 2022

Cariboo Region Stocking Standards (November, 2022)

SSID	Enhanced Standard	BGC Classification				Regen and Free Growing: Species		Stocking					Assessments		Additional Standards
		BGC Zone	Subzone	Variant	Site Series	Preferred (p) minimum height (m)	Acceptable (a) minimum height (m)	Layer	Target	MIN p+a	MIN p	MITD	Regen Delay (yrs)	Free Growing (yrs)	
									Well-spaced/ha			(m)			
1071652	no	BG	xh	3	110	Fd(.6)-27	Py(0.6)-27	I	400	200	200	2.0	7	20	
1071653	no	BG	xh	3	111	Fd(.6)-27		I	400	200	200	2.0	7	20	
1071654	no	BG	xh	3	112*	Ac(2.0)	At(2.0)	I	1000	500	400	2.0	7	20	*Avoid logging
1071655	no	BG	xh	3	113*	Fd(.6)-27	Ep(1.4) At(2.0)	I	1000	500	400	2.0	7	20	*Avoid logging
1071656	no	BG	xw	2	110	Fd(.6)-27		I	400	200	200	2.0	7	20	
1071657	no	BG	xw	2	111	Fd(.6)-27	Py(0.6)-27	I	1000	500	400	2.0	7	20	
1071658	no	BG	xw	2	112*	Ac(2.0)		I	1000	500	400	2.0	7	20	*Avoid logging
1071659	no	BG	xw	2	113	Fd(.6)		I	1000	500	400	2.0	7	20	
1071660		BG	xw	2	114*	At(2.0)		I	1000	500	400	2.0	7	20	*Avoid logging
1071661	no	BG	xw	2	115*	At(2.0)		I	1000	500	400	2.0	7	20	*Avoid logging
1060270	no	ESSF	dc	2	101	Sx(.8) Bl(.8)	Pl(1.6)	I	1200	700	600	2.0	4	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060271	no	ESSF	dc	2	102	Pl(1.2)	Sx(.6) Bl (.6)	I	1000	500	400	1.6	7	20	
1060272	no	ESSF	dc	2	103	Pl(1.2) Sx (0.6) Bl(.6)		I	1000	500	400	1.6	7	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060273	no	ESSF	dc	2	104	Pl(1.2) Sx(.6) Bl(.6)		I	1000	500	400	1.6	7	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060274	no	ESSF	dc	2	110	Sx(.8) Bl(.8)	Pl(1.6)	I	1200	700	600	2.0	4	20	
1060275	no	ESSF	dc	2	111	Sx(.8) Bl(.8)	Pl(1.6)	I	1200	700	600	1.6	4	20	
1060276	no	ESSF	dc	2	112	Sx(.6) Bl(.6)		I	1000	500	400	1.6	4	20	
1060277	no	ESSF	mv	1	1	Sx(.8) Bl(.8)	Pl(1.6)	I	1200	700	600	2.0	4	20	
1060278	no	ESSF	mv	1	2	Pl(1.2)	Bl(.6)	I	1000	500	400	1.6	7	20	
1060279	no	ESSF	mv	1	3	Pl(1.2) Sx(.6) Bl(.6)		I	1000	500	400	1.6	7	20	
1060280	no	ESSF	mv	1	4	Sx(.6) Bl(.6)	Pl(1.2)	I	1000	500	400	1.6	7	20	
1060281	no	ESSF	mv	1	5	Sx(.6) Bl(.6)	Pl(1.2)	I	1000	500	400	1.6	4	20	
1060282	no	ESSF	wc	3	1	Sx(.8) Bl(.8)	Pl(1.6)	I	1200	700	600	2.0	4	20	
1060283	yes	ESSF	wc	3	1	Sx(.8) Bl(.8)	Pl(1.6)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060284	no	ESSF	wc	3	2	Pl(1.2) Sx(.6) Bl(.6)		I	1000	500	400	2.0	7	20	
1060285	no	ESSF	wc	3	3	Sx(.6) Bl(.6)		I	600	400	300	1.6	7	20	
1060286	no	ESSF	wk	1	1	Pl(2.0)Sx(1.0) Bl(1.0)		I	1200	700	600	2.0	4	20	
1060287	yes	ESSF	wk	1	1	Sx(1.0) Bl(1.0)	Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060288	no	ESSF	wk	1	2	Pl(1.4) Sx(.8) Bl(.8)	Lw(2.0)	I	1000	500	400	2.0	7	20	
1060289	no	ESSF	wk	1	3	Pl(2.0) Sx(1.0) Bl(1.0)	Lw(2.0)	I	1200	700	600	2.0	4	20	
1060290	yes	ESSF	wk	1	3	Sx(1.0) Bl(1.0)	Lw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060291	no	ESSF	wk	1	4	Sx(1.0) Bl(1.0)	Pl(2.0)	I	1200	700	600	2.0	4	20	
1060292	yes	ESSF	wk	1	4	Sx(1.0) Bl(1.0)	Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060293	no	ESSF	wk	1	5	Sx(1.0) Bl(1.0)	Pl(2.0)	I	1200	700	600	2.0	4	20	
1060294	yes	ESSF	wk	1	5	Sx(1.0) Bl(1.0)	Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060295	no	ESSF	wk	1	6	Sx(.8) Bl(.8)		I	1000	500	400	1.6	4	20	
1060296	no	ESSF	wk	1	7	Sx(.8) Bl(.8)		I	1000	500	400	1.6	4	20	

SSID	Enhanced Standard	BGC Classification				Regen and Free Growing: Species		Stocking					Assessments		Additional Standards
		BGC Zone	Subzone	Variant	Site Series	Preferred (p) minimum height (m)	Acceptable (a) minimum height (m)	Layer	Target Well-spaced/ha	MIN p+a Well-spaced/ha	MIN p Well-spaced/ha	MITD (m)	Regen Delay (yrs)	Free Growing (yrs)	
1060297	no	ESSF	xc		1	Pl(1.6) Sx(.8) Bl(.8)		I	1200	700	600	2.0	7	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060298	no	ESSF	xc		2	Pl(1.2) Pa (.6)	Sx(.6) Bl(.6) Fd (.8) Lw (1.2)	I	600	400	300	1.6	7	20	Whitebark pine (Pa) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060299	no	ESSF	xc		5	Pl(1.2) Pa (.6)	Sx(.6) Bl(.6) Fd (.8) Lw (1.2)	I	1000	500	400	2.0	7	20	Whitebark pine (Pa) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060300	no	ESSF	xc		6	Pl(1.6) Sx(.8) Bl(.8)	Pa(.6)	I	1200	700	600	2.0	7	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060301	no	ESSF	xc		7	Sx(.6) Bl(.6)	Pl(1.2)	I	1200	700	600	2.0	4	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060302	no	ESSF	xc		8	Sx(.6) Bl(.6)	Pl(1.2)	I	1200	700	600	1.6	4	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060303	no	ESSF	xv	1	1	Pl(1.0) Sx(.8) Bl(.8)	Pa(0.8)	I	1200	700	600	2.0	7	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060304	no	ESSF	xv	1	2	Pl(.8) Pa(.6)	Bl(.6)	I	800	500	400	1.6	7	20	
1060305	no	ESSF	xv	1	3	Pl(.8) Pa(.6)		I	800	500	400	2.0	7	20	
1060306	no	ESSF	xv	1	4	Pl(.8) Pa(.6)	Sx(.6) Bl(.6)	I	1000	600	500	2.0	7	20	
1060307	no	ESSF	xv	1	5	Pl(1.0) Pa(.8)	Sx(.8) Bl(.8)	I	1200	700	600	2.0	7	20	
1060308	no	ESSF	xv	1	6	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	7	20	
1060309	no	ESSF	xv	1	7	Pl(1.0) Sx(.8) Bl(.8)		I	1200	700	600	2.0	4	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060310	no	ESSF	xv	1	8	Pl(.8) Sx(.6) Bl(.6)		I	600	400	300	1.6	4	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060311	no	ESSF	xv	1	9	Sx(.6) Bl(.6)	Pl(.8)	I	800	500	400	1.6	4	20	
1060312	no	ESSF	xv	2	1	Pl(1.0) Sx(.8)	Pa(.8) Bl(.8)	I	1200	700	600	2.0	7	20	
1060313	no	ESSF	xv	2	2	Pl(.8) Pa(.6)	Bl(.6)	I	800	500	400	1.6	7	20	
1060314	no	ESSF	xv	2	3	Pl(.8)	Pa(.6)	I	600	400	300	2.0	7	20	
1060315	no	ESSF	xv	2	4	Pl(1.0)	Bl(.8) Pa(.8)	I	1200	700	600	2.0	7	20	
1060316	no	ESSF	xv	2	5	Pl(1.0) Sx(.8)	Bl(.8) Pa(.8)	I	1200	700	600	2.0	7	20	
1060317	no	ESSF	xv	2	6	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	7	20	
1060318	no	ESSF	xv	2	7	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	4	20	
1060319	no	ESSF	xv	2	8	Sx(.6) Bl(.6)	Pl(.8)	I	600	400	300	1.6	4	20	
1060320	no	ESSF	xv	2	9	Sx(.6) Bl(.6)	Pl(.8)	I	600	400	300	1.6	4	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060321	no	ESSF	xv	2	10	Sx(.6) Bl(.6)	Pl(.8)	I	600	400	300	1.6	4	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060322	no	ICH	dk		1	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0) Cw(1.0) Pw(2.0) Lw(2.0)	I	1200	700	600	2.0	4	20	
1060323	no	ICH	dk		2	Fd(1.0) Pl(1.4)	Cw(.8) Sx(.8)	I	1000	500	400	1.6	7	20	
1060324	no	ICH	dk		3	Fd(1.4) Pl(2.0)	Cw(1.0) Sx(1.0)	I	1200	700	600	2.0	7	20	
1060325	no	ICH	dk		4	Fd(1.4) Pl(2.0) Sx(1.0)	Cw(1.0) Bl(1.0) Pw(2.0) Lw(2.0)	I	1200	700	600	2.0	4	20	
1060326	no	ICH	dk		5	Fd(1.4) Pl(2.0) Sx(1.0)	Cw(1.0) Bl(1.0) Pw(2.0)	I	1200	700	600	2.0	4	20	
1060327	no	ICH	dk		6	Fd(1.4) Pl(2.0) Sx(1.0)	Cw(1.0) Bl(1.0) Pw(2.0)	I	1200	700	600	2.0	4	20	
1060328	no	ICH	dk		7	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0) Pw(2.0)	I	1200	700	600	2.0	4	20	
1060329	no	ICH	dk		8	Fd(1.0) Sx(.8) Bl(.8)	Pl(1.4) Cw(.8) Pw(1.4)	I	1000	500	400	1.6	4	20	
1060330	no	ICH	dk		9	Sx(.8)	Pl(1.4) Bl(.8)	I	1000	500	400	1.6	4	20	

SSID	Enhanced Standard	BGC Classification				Regen and Free Growing							Assessments		Additional Standards
						Species		Stocking							
		BGC Zone	Subzone	Variant	Site Series	Preferred (p) minimum height (m)	Acceptable (a) minimum height (m)	Layer	Target	MIN p+a Well-spaced/ha	MIN p	MITD (m)	Regen Delay (yrs)	Free Growing (yrs)	
1060331	no	ICH	mk	3	1	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0) Cw(1.0) Lw(2.0) Pw(2.0)	I	1200	700	600	2.0	4	20	
1060332	yes	ICH	mk	3	1	Fd(1.4) Sx(1.0)	Bl(1.0) Cw(1.0) Lw(2.0) Pw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060333	no	ICH	mk	3	2	Fd(1.0) Pl(1.4)	Sx(.8), Lw(1.4)	I	1000	500	400	2.0	7	20	
1060334	no	ICH	mk	3	3	Fd(1.0) Pl(1.4)	Sx(.8) Cw(.8) Lw(1.4)	I	1000	500	400	2.0	7	20	
1060335	no	ICH	mk	3	4	Fd(1.4) Sx(1.0)	Bl(1.0) Cw(1.0) Pl(2.0) Pw(2.0)	I	1200	700	600	2.0	4	20	
1060336	yes	ICH	mk	3	4	Fd(1.4) Sx(1.0)	Bl(1.0) Cw(1.0) Pl(2.0) Pw(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060337	no	ICH	mk	3	5	Sx(1.0) Pl(2.0)	Bl(1.0) Cw(1.0) Pw(2.0)	I	1200	700	600	2.0	4	20	
1060338	yes	ICH	mk	3	5	Sx(1.0)	Bl(1.0) Cw(1.0) Pw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060339	no	ICH	mk	3	6	Fd(1.4) Sx(1.0) Cw(1.0)	Bl(1.0) Pl(2.0) Pw(2.0)	I	1200	700	600	1.6	4	20	
1060340	yes	ICH	mk	3	6	Fd(1.4) Sx(1.0) Cw(1.0)	Bl(1.0) Pl(2.0)	I	1200	700	600	1.6	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060341	no	ICH	mk	3	7	Sx(.8) Cw(.8)	Pw(1.4) Bl(.8) Pl(1.4)	I	1000	500	400	1.6	4	20	
1060342	no	ICH	mw	3	1	Fd(1.4) Sx(1.0) Cw(1.0) Pw(2.0)	Pl(2.0) Hw(1.0) Bl(1.0) Lw(2.0)	I	1200	700	600	2.0	4	20	
1060343	no	ICH	mw	3	2	Fd(1.0) Pl(1.4)	Pw(1.4) Py(1.4) Lw(1.4)	I	1000	500	400	1.6	4	20	
1060344	no	ICH	mw	3	3	Fd(1.0) Pl(1.4)	Pw(1.4) Py(1.4) Lw(1.4)	I	1000	500	400	2.0	7	20	
1060345	no	ICH	mw	3	4	Fd(1.4) Pl(2.0) Pw(2.0) Cw(1.0)	Lw(2.0) Sx(1.0)	I	1200	700	600	2.0	7	20	
1060346	no	ICH	mw	3	5	Fd(1.4) Pl(2.0) Pw(2.0) Cw(1.0)	Lw(2.0) Sx(1.0)	I	1200	700	600	2.0	7	20	
1060347	no	ICH	mw	3	6	Cw(1.0) Hw(1.0) Sx(1.0)	Fd(1.4) Pw(2.0) Bl(1.0) Lw(2.0)	I	1200	700	600	2.0	4	20	Western Hemlock (Hw) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060348	no	ICH	mw	3	7	Cw(1.0) Hw(1.0) Sx(1.0)	Fd(1.4) Pw(2.0) Bl(1.0) Lw(2.0)	I	1200	700	600	2.0	4	20	Western Hemlock (Hw) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060349	no	ICH	mw	3	8	Cw(1.0) Hw(1.0) Sx(08)	Bl(.8)	I	1000	500	400	1.6	4	20	
1060350	no	ICH	wk	2	1	Sx(1.0) Pl(2.0) Fd(1.4)	Bl(1.0) Cw(1.0) Hw(1.0) Pw(2.0)	I	1200	700	600	2.0	4	20	
1060351	yes	ICH	wk	2	1	Sx(1.0) Fd(1.4)	Bl(1.0) Cw(1.0) Hw(1.0) Pw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060352	no	ICH	wk	2	2	Fd(1.0) Pl(1.4)	Bl(.8) Hw(.8)	I	1000	500	400	1.6	7	20	
1060353	no	ICH	wk	2	3	Fd(1.0) Pl(1.4)	Bl(.8) Lw(1.4)	I	1000	500	400	2.0	7	20	
1060354	no	ICH	wk	2	4	Fd(1.4) Pl(2.0)	Hw(1.0) Cw(1.0) Lw(2.0)	I	1200	700	600	2.0	4	20	
1060355	yes	ICH	wk	2	4	Fd(1.4)	Hw(1.0) Lw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060356	no	ICH	wk	2	5	Pl(2.0) Sx(1.0)	Bl(1.0) Cw(1.0) Pw(2.0)	I	1200	700	600	2.0	4	20	
1060357	yes	ICH	wk	2	5	Sx(1.0)	Bl(1.0) Cw(1.0) Pw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060358	no	ICH	wk	2	6	Pl(2.0) Sx(1.0)	Bl(1.0) Hw(1.0) Pw(2.0)	I	1200	700	600	2.0	4	20	
1060359	yes	ICH	wk	2	6	Sx(1.0)	Bl(1.0) Pw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060360	no	ICH	wk	2	7	Sx(1.0) Fd(1.4) Cw(1.0)	Bl(1.0) Hw(1.0) Pl(1.4)	I	1200	700	600	2.0	4	20	
1060361	yes	ICH	wk	2	7	Sx(1.0) Fd(1.4) Cw(1.0)	Bl(1.0) Hw(1.0) Pl(1.4)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060362	no	ICH	wk	2	8	Sx(.8) Cw(.8)	Bl(.8)	I	1000	500	400	1.6	4	20	
1060363	no	ICH	wk	4	1	Sx(1.0) Pl(2.0) Fd(1.4)	Bl(1.0) Cw(1.0) Hw(1.0) Pw(2.0)	I	1200	700	600	2.0	4	20	
1060364	yes	ICH	wk	4	1	Sx(1.0) Fd(1.4)	Bl(1.0) Cw(1.0) Hw(1.0) Pw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060365	no	ICH	wk	4	2	Fd(1.0) Pl(1.4)	Bl(.8) Hw(.8)	I	1000	500	400	2.0	7	20	
1060366	no	ICH	wk	4	3	Fd(1.0) Pl(1.4)	Hw(1.0) Lw(1.4) Sx(1.0)	I	1000	500	400	2.0	7	20	
1060367	no	ICH	wk	4	4	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0) Hw(1.0)	I	1200	700	600	2.0	4	20	
1060368	yes	ICH	wk	4	4	Fd(1.4) Sx(1.0)	Bl(1.0) Hw(1.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060369	no	ICH	wk	4	5	Fd(1.4) Pl(2.0)	Bl(1.0) Hw(1.0) Lw(2.0)	I	1200	700	600	2.0	4	20	
1060370	yes	ICH	wk	4	5	Fd(1.4)	Hw(1.0) Lw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060371	no	ICH	wk	4	6	Sx(1.0)	Bl(1.0) Pw(2.0)	I	1200	700	600	2.0	4	20	
1060372	yes	ICH	wk	4	6	Sx(1.0)	Bl(1.0) Pw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060373	no	ICH	wk	4	7	Sx(1.0) Fd(1.4) Cw(1.0)	Hw(1.0) Bl(1.0) Pl(2.0) Pw(2.0)	I	1200	700	600	2.0	4	20	
1060374	yes	ICH	wk	4	7	Sx(1.0) Fd(1.4) Cw(1.0)	Hw(1.0) Bl(1.0) Pl(2.0) Pw(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060375	no	ICH	wk	4	8	Sx(.8) Cw(.8)	Bl(.8) Pl(1.4)	I	1000	500	400	1.6	4	20	

SSID	Enhanced Standard	BGC Classification				Regen and Free Growing								Assessments		Additional Standards
						Species		Stocking								
		BGC Zone	Subzone	Variant	Site Series	Preferred (p) minimum height (m)	Acceptable (a) minimum height (m)	Layer	Target	MIN p+a	MIN p	MITD	Regen Delay	Free Growing		
									Well-spaced/ha			(m)	(yrs)	(yrs)		
1060376	no	IDF	dk	1	1	Fd(.8) Pl(1.0)	Sx(.6) Py(.6) Lw(1.0)	I	1000	500	400	2.0	7	20		
1060377	yes	IDF	dk	1	1	Fd(.8) Pl(1.0)	Sx(.6) Py(.6) Lw(1.0)	I	1000	500	400	2.0	4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 1000 well spaced Fd crop trees/ha. Lw is not an acceptable species in MDWR.	
1060665	no	IDF	dk	1	1	Fd(.4)	Sx(.6) Pl(1.0) Py(.6) Lw(1.0)	4	1000	500	400	2.0	7	20		
	no	IDF	dk	1	1	Fd	Sx Pl Py Lw	3	800	400	300	2.0	7	20		
	no	IDF	dk	1	1	Fd	Sx Pl Py Lw	2	600	300	250	2.0	7	20		
	no	IDF	dk	1	1	Fd	Sx Pl Py Lw	1	400	200	200	0.0	7	20		
1060378	no	IDF	dk	1	2	Fd(.8) Py(.6)	Pl(1.0)	I	600	400	300	2.0	7	20		
1060379	yes	IDF	dk	1	2	Fd(.8) Py(.6)	Pl(1.0)	I	600	400	300	2.0	4	20	Minimum planting density at regen delay is 1200/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha.	
1060666	no	IDF	dk	1	2	Fd(.4)	Pl(1.0) Py(.6)	4	600	400	400	2.0	7	20		
	no	IDF	dk	1	2	Fd	Pl Py	3	500	300	300	2.0	7	20		
	no	IDF	dk	1	2	Fd	Pl Py	2	400	200	200	2.0	7	20		
	no	IDF	dk	1	2	Fd	Pl Py	1	300	150	150	0.0	7	20		
1060380	no	IDF	dk	1	3	Fd(.8) PL(1.0)	Py(.6)	I	600	400	300	2.0	7	20		
1060381	yes	IDF	dk	1	3	Fd(.8) PL(1.0)	Py(.6)	I	600	400	300	2.0	4	20	Minimum planting density at regen delay is 1200/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha.	
1060667	no	IDF	dk	1	3	Fd(.4)	Pl(1.0) Py(.6)	4	600	400	400	2.0	7	20		
	no	IDF	dk	1	3	Fd	Pl Py	3	500	300	300	2.0	7	20		
	no	IDF	dk	1	3	Fd	Pl Py	2	400	200	200	2.0	7	20		
	no	IDF	dk	1	3	Fd	Pl Py	1	300	150	150	0.0	7	20		
1060382	no	IDF	dk	1	4	Fd(.8) Pl(1.0)	Sx(.6) Py(.6) Lw(1.0)	I	1000	500	400	2.0	7	20		
1060383	yes	IDF	dk	1	4	Fd(.8) Pl(1.0)	Sx(.6) Py(.6) Lw(1.0)	I	1000	500	400	2.0	4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 1000 well spaced Fd crop trees/ha. Lw is not an acceptable species in MDWR.	
1060668	no	IDF	dk	1	4	Fd(.4)	Sx(.6) Pl(1.0) Py(.6) Lw(1.0)	4	1000	500	400	2.0	7	20		
	no	IDF	dk	1	4	Fd	Sx Pl Py Lw	3	800	400	300	2.0	7	20		
	no	IDF	dk	1	4	Fd	Sx Pl Py Lw	2	600	300	250	2.0	7	20		
	no	IDF	dk	1	4	Fd	Sx Pl Py Lw	1	400	200	200	0.0	7	20		
1060384	no	IDF	dk	1	5	Fd(.8) Sx(.6)	Lw(1.0) Pl(1.0) Bl(.6)	I	1000	500	400	2.0	7	20		
1060385	yes	IDF	dk	1	5	Fd(.8) Sx(.6)	Lw(1.0) Pl(1.0) Bl(.6)	I	1000	500	400	2.0	4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 1000 well spaced Fd crop trees/ha. Lw is not an acceptable species in MDWR.	
1060669	no	IDF	dk	1	5	Fd(.4) Sx(0.6)	Pl(1.0) Lw(1.0) Bl(.6)	4	1000	500	400	2.0	7	20		
	no	IDF	dk	1	5	Fd Sx	Pl Lw Bl	3	800	400	300	2.0	7	20		
	no	IDF	dk	1	5	Fd Sx	Pl Lw Bl	2	600	300	250	2.0	7	20		
	no	IDF	dk	1	5	Fd Sx	Pl Lw Bl	1	400	200	200	0.0	7	20		
1060386	no	IDF	dk	1	6	Pl(1.0) Sx(.6)	Bl(.6)	I	1000	500	400	2.0	4	20		

SSID	Enhanced Standard	BGC Classification				Regen and Free Growing: Species		Stocking					Assessments		Additional Standards
		BGC Zone	Subzone	Variant	Site Series	Preferred (p) minimum height (m)	Acceptable (a) minimum height (m)	Layer	Target Well-spaced/ha	MIN p+a Well-spaced/ha	MIN p Well-spaced/ha	MITD (m)	Regen Delay (yrs)	Free Growing (yrs)	
1060387	no	IDF	dk	3	1	Fd(1.0) Pl(1.4)	Sx(.8) Py(1.0) Lw(2.0)	I	1200	700	600	2.0	7	20	
1060388	yes	IDF	dk	3	1	Fd(1.0) Pl(1.4)	Sx(.8) Py(1.0) Lw(2.0)	I	1200	700	600	2.0	4	20	Applies to sites with slopes greater than 10%. Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 1000 well spaced Fd crop trees/ha. Lw is not an acceptable species in MDWR.
1060389	yes	IDF	dk	3	1	Fd(1.0) Pl(1.4)	Sx(.8) Py(1.0) Lw(2.0)	I	1200	700	600	2.0	4	20	Applies to sites with slopes 10% or less. Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha. Lw is not an acceptable species in MDWR.
1060670	no	IDF	dk	3	1	Fd(.4)	Sx(.8) Pl(1.0) Py(1.0)	4	1200	700	600	2.0	7	20	
	no	IDF	dk	3	1	Fd	Sx Pl Py	3	1000	500	400	2.0	7	20	
	no	IDF	dk	3	1	Fd	Sx Pl Py	2	800	400	300	2.0	7	20	
	no	IDF	dk	3	1	Fd	Sx Pl Py	1	600	300	250	0.0	7	20	
1060390	no	IDF	dk	3	2	Fd(.8) Pl(1.0)	Py(.8)	I	800	500	400	2.0	7	20	
1060391	yes	IDF	dk	3	2	Fd(.8) Pl(1.0)	Py(.8)	I	800	500	400	2.0	4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha
1060671	no	IDF	dk	3	2	Fd(.4)	Pl(1.0) Py(.8)	4	800	400	400	2.0	7	20	
	no	IDF	dk	3	2	Fd	Pl Py	3	600	300	300	2.0	7	20	
	no	IDF	dk	3	2	Fd	Pl Py	2	400	200	200	2.0	7	20	
	no	IDF	dk	3	2	Fd	Pl Py	1	300	150	150	0.0	7	20	
1060392	no	IDF	dk	3	3	Fd(.8) Pl(1.0)	Py(.8)	I	800	500	400	2.0	7	20	
1060393	yes	IDF	dk	3	3	Fd(.8) Pl(1.0)	Py(.8)	I	800	500	400	2.0	4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha
1060672	no	IDF	dk	3	3	Fd(.4)	Pl(1.0) Py(.8)	4	800	400	400	2.0	7	20	
	no	IDF	dk	3	3	Fd	Pl Py	3	600	300	300	2.0	7	20	
	no	IDF	dk	3	3	Fd	Pl Py	2	400	200	200	2.0	7	20	
	no	IDF	dk	3	3	Fd	Pl Py	1	300	150	150	0.0	7	20	
1060394	no	IDF	dk	3	4	Fd(.8) Pl(1.0)	Py(1.0)	I	1000	500	400	2.0	7	20	
1060395	yes	IDF	dk	3	4	Fd(.8) Pl(1.0)	Py(1.0)	I	1000	500	400	2.0	4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha
1060673	no	IDF	dk	3	4	Fd(.4)	Pl(1.0) Py(1.0)	4	1000	500	400	2.0	7	20	
	no	IDF	dk	3	4	Fd	Pl Py	3	800	400	300	2.0	7	20	
	no	IDF	dk	3	4	Fd	Pl Py	2	600	300	250	2.0	7	20	
	no	IDF	dk	3	4	Fd	Pl Py	1	400	200	200	0.0	7	20	
1060396	no	IDF	dk	3	5	Fd(1.0) Pl(1.4)	Py(.8)	I	1200	700	600	2.0	7	20	
1060397	yes	IDF	dk	3	5	Fd(1.0) Pl(1.4)	Py(.8)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 1000 well spaced Fd crop trees/ha
1060674	no	IDF	dk	3	5	Fd(.4)	Pl(1.4) Py(.8)	4	1200	700	600	2.0	7	20	
	no	IDF	dk	3	5	Fd	Pl Py	3	1000	500	400	2.0	7	20	
	no	IDF	dk	3	5	Fd	Pl Py	2	800	400	300	2.0	7	20	
	no	IDF	dk	3	5	Fd	Pl Py	1	600	300	250	0.0	7	20	
1060398	no	IDF	dk	3	6	Fd(1.0) Pl(1.4)	Py(.8)	I	1200	700	600	2.0	7	20	
1060399	yes	IDF	dk	3	6	Fd(1.0) Pl(1.4)	Py(.8)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 1000 well spaced Fd crop trees/ha
1060675	no	IDF	dk	3	6	Fd(.4)	Pl(1.4) Py(.8)	4	1200	700	600	2.0	7	20	
	no	IDF	dk	3	6	Fd	Pl Py	3	1000	500	400	2.0	7	20	
	no	IDF	dk	3	6	Fd	Pl Py	2	800	400	300	2.0	7	20	
	no	IDF	dk	3	6	Fd	Pl Py	1	600	300	250	0.0	7	20	
1060400	no	IDF	dk	3	7	Fd(1.0) Pl(1.4) Sx(.8)		I	1200	700	600	2.0	4	20	
1060401	yes	IDF	dk	3	7	Fd(1.0) Pl(1.4) Sx(.8)		I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 1000 well spaced Fd crop trees/ha
1060676	no	IDF	dk	3	7	Fd(.4) Sx(.8)	Pl(1.4)	4	1200	700	600	2.0	7	20	
	no	IDF	dk	3	7	Fd Sx	Pl	3	1000	500	400	2.0	7	20	
	no	IDF	dk	3	7	Fd Sx	Pl	2	800	400	300	2.0	7	20	
	no	IDF	dk	3	7	Fd Sx	Pl	1	600	300	250	0.0	7	20	
1060402	no	IDF	dk	3	8	Fd(1.0) Pl(1.4) Sx(.8)		I	1200	700	600	2.0	4	20	
1060403	yes	IDF	dk	3	8	Fd(1.0) Pl(1.4) Sx(.8)		I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha
1060677	no	IDF	dk	3	8	Fd(.4) Sx(.8)	Pl(1.4)	4	1200	700	600	2.0	7	20	
	no	IDF	dk	3	8	Fd Sx	Pl	3	1000	500	400	2.0	7	20	
	no	IDF	dk	3	8	Fd Sx	Pl	2	800	400	300	2.0	7	20	
	no	IDF	dk	3	8	Fd Sx	Pl	1	600	300	250	0.0	7	20	
1060404	no	IDF	dk	3	9	Sx(.6)	Pl(1.0)	I	1000	500	400	1.6	4	20	

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						Species		Stocking						Regen Delay	Free Growing	
		BGC Zone	Subzone	Variant	Site Series	Preferred (p) minimum height (m)	Acceptable (a) minimum height (m)	Layer	Target	MIN p+a Well-spaced/ha	MIN p Well-spaced/ha	MITD (m)		(yrs)	(yrs)	
1060405	no	IDF	dk	4	1	Fd(1.0) Pl(1.0)	Sx(.8) Py (1.0) Lw(1.0)	I	1200	700	600	2.0		7	20	
1060406	yes	IDF	dk	4	1	Fd(1.0) Pl(1.0)	Sx(.8) Py (1.0) Lw(1.0)	I	1200	700	600	2.0		4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha. Lw is not an acceptable species in MDWR.
1060678	no	IDF	dk	4	1	Fd(.4)	Pl(1.0) Sx(.8) Py(1.0)	4	1200	700	600	2.0		7	20	
	no	IDF	dk	4	1	Fd	Pl Sx Py	3	1000	500	400	2.0		7	20	
	no	IDF	dk	4	1	Fd	Pl Sx Py	2	800	400	300	2.0		7	20	
	no	IDF	dk	4	1	Fd	Pl Sx Py	1	600	300	250	0.0		7	20	
1060407	no	IDF	dk	4	2	Fd(.8) Pl(1.0)	Py(1.0)	I	800	500	400	2.0		7	20	
1060408	yes	IDF	dk	4	2	Fd(.8) Pl(1.0)	Py(1.0)	I	800	500	400	2.0		4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha
1060679	no	IDF	dk	4	2	Fd(.4)	Pl(1.0) Py(1.0)	4	800	400	400	2.0		7	20	
	no	IDF	dk	4	2	Fd	Pl Py	3	600	300	300	2.0		7	20	
	no	IDF	dk	4	2	Fd	Pl Py	2	400	200	200	2.0		7	20	
	no	IDF	dk	4	2	Fd	Pl Py	1	300	150	150	0.0		7	20	
1060409	no	IDF	dk	4	3	Fd(.8)	Py(1.0)	I	800	500	400	2.0		7	20	
1060410	yes	IDF	dk	4	3	Fd(.8)	Py(1.0)	I	800	500	400	2.0		4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha
1060680	no	IDF	dk	4	3	Fd(.4)	Py(1.0)	4	800	400	400	2.0		7	20	
	no	IDF	dk	4	3	Fd	Py	3	600	300	300	2.0		7	20	
	no	IDF	dk	4	3	Fd	Py	2	400	200	200	2.0		7	20	
	no	IDF	dk	4	3	Fd	Py	1	300	150	150	0.0		7	20	
1060411	no	IDF	dk	4	4	Fd(.8) Pl(1.0)	Py(1.0)	I	1000	500	400	2.0		7	20	
1060412	yes	IDF	dk	4	4	Fd(.8) Pl(1.0)	Py(1.0)	I	800	500	400	2.0		4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha
1060681	no	IDF	dk	4	4	Fd(.4)	Pl(1.0) Py(1.0)	4	1000	500	400	2.0		7	20	
	no	IDF	dk	4	4	Fd	Pl Py	3	800	400	300	2.0		7	20	
	no	IDF	dk	4	4	Fd	Pl Py	2	600	300	200	2.0		7	20	
	no	IDF	dk	4	4	Fd	Pl Py	1	400	200	200	0.0		7	20	
1060413	no	IDF	dk	4	5	Fd(1.0) Pl(1.0)	Py(1.0)	I	1200	700	600	2.0		7	20	
1060414	yes	IDF	dk	4	5	Fd(1.0) Pl(1.0)	Py(1.0)	I	1200	700	600	2.0		4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 1000 well spaced Fd crop trees/ha
1060682	no	IDF	dk	4	5	Fd(.4)	Pl(1.0) Py(1.0)	4	1200	700	600	2.0		7	20	
	no	IDF	dk	4	5	Fd	Pl Py	3	1000	500	400	2.0		7	20	
	no	IDF	dk	4	5	Fd	Pl Py	2	800	400	300	2.0		7	20	
	no	IDF	dk	4	5	Fd	Pl Py	1	600	300	250	0.0		7	20	
1060415	no	IDF	dk	4	6	Pl(1.0)	Sx(.6) Py(1.0)	I	1000	500	400	2.0		7	20	
1060416	no	IDF	dk	4	7	Fd(1.0) Pl(1.0)		I	1200	700	600	2.0		7	20	
1060417	yes	IDF	dk	4	7	Fd(1.0) Pl(1.0)		I	1200	700	600	2.0		4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 1000 well spaced Fd crop trees/ha
1060683	no	IDF	dk	4	7	Fd(.4)	Pl(1.0)	4	1200	700	600	2.0		7	20	
	no	IDF	dk	4	7	Fd	Pl	3	1000	500	400	2.0		7	20	
	no	IDF	dk	4	7	Fd	Pl	2	800	400	300	2.0		7	20	
	no	IDF	dk	4	7	Fd	Pl	1	600	300	250	0.0		7	20	
1060418	no	IDF	dk	4	8	Pl(1.4) Sx(.6)		I	1000	500	400	2.0		4	20	
1060419	no	IDF	dk	4	9	Pl(1.4) Fd(1.0) Sx(.8)		I	1200	700	600	2.0		4	20	
1060420	yes	IDF	dk	4	9	Pl(1.4) Fd(1.0) Sx(.8)		I	1200	700	600	2.0		4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha
1060684	no	IDF	dk	4	9	Fd(.4) Sx(.8)	Pl(1.0)	4	1200	700	600	2.0		7	20	
	no	IDF	dk	4	9	Fd Sx	Pl	3	1000	500	400	2.0		7	20	
	no	IDF	dk	4	9	Fd Sx	Pl	2	800	400	300	2.0		7	20	
	no	IDF	dk	4	9	Fd Sx	Pl	1	600	300	250	0.0		7	20	
1060421	no	IDF	dk	4	10	Sx(.6)	Pl(1.0)	I	1000	500	400	1.6		4	20	
1071662	no	IDF	dw		1	Fd(1.6)	Cw(1.5) Py(1.5) Pl(2.0)	I	1200	700	600	2.0		4	20	
1071663	no	IDF	dw		2	Fd(.8) Pl(1.2)		I	600	400	300	1.6		4	20	*avoid logging
1071664	no	IDF	dw		3	Pl(1.6)	Fd(1.0) Pw(0.8)	I	1000	500	400	1.6		7	20	
1071665	no	IDF	dw		4	Fd(1.0)	Py(0.8)	I	1200	700	600	2.0		4	20	
1071666	no	IDF	dw		5	Fd(1.0)	Bl(0.8) Sx(0.8) Pl(1.6) Pw(0.8)	I	1200	700	600	2.0		4	20	
1071667	no	IDF	dw		6	Fd(1.0) Sx(0.8)	Bl(0.8) Pl(1.6) Cw(0.8)	I	1200	700	600	2.0		4	20	
1071668	no	IDF	dw		7	Fd(1.0) Sx(0.8) Cw(0.8)	Hw(1.5)	I	1200	700	600	2.0		4	20	
1071669	no	IDF	dw		8	Fd(1.0) Sx(0.8) Cw(0.8) Bl(0.88)	Hw(1.5)	I	1200	700	600	2.0		4	20	
1071670	no	IDF	dw		9	Sx(0.8)	Bl(0.8) Hw(1.6) Cw(0.8)Fd(1.0)	I	1200	700	600	2.0		4	20	productive but with high water table

SSID	Enhanced Standard	BGC Classification				Regen and Free Growing								Assessments		Additional Standards
						Species		Stocking						Regen Delay	Free Growing	
		BGC Zone	Subzone	Variant	Site Series	Preferred (p) minimum height (m)	Acceptable (a) minimum height (m)	Layer	Target	MIN p+a	MIN p	MITD	Well-spaced/ha	(yrs)	(yrs)	
1060422	no	IDF	mw	2	1	Fd(1.0) Cw(.8) Pw(1.6)	Sx(.8) Pl(1.6) Lw(1.6)	I	1200	700	600	2.0		4	20	
1060423	no	IDF	mw	2	2	Fd(.8) Pl(1.2)	Py(1.2) Pw(1.2)	I	600	400	300	1.6		4	20	
1060424	no	IDF	mw	2	3	Fd(1.0)	Lw(1.6) Pw(1.6) Py(1.6) Pl(1.6)	I	1000	500	400	1.6		7	20	
1060425	no	IDF	mw	2	4	Fd(1.0) Sx(.8) Cw(0.8)	Pw(1.6) Lw(1.6) Hw (1.6)	I	1200	700	600	2.0		4	20	
1060426	no	IDF	mw	2	5	Cw (.6) Sx(.6) Hw(.6)	Bl(.6)	I	400	200	150	1.6		4	20	
1060427	no	IDF	xm		1a	Fd(.8)	Py(.8)	I	1200	700	600	2.0		7	20	
1060428	yes	IDF	xm		1a	Fd(.8)	Py(.8) Pli(.8)	I	1200	700	600	2.0		4	20	Applies to site with slopes greater than 10%. Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 1000 well spaced Fd crop trees/ha
1060685	no	IDF	xm		1a	Fd(.4)	Py(.8)	4	1200	700	600	2.0		7	20	
	no	IDF	xm		1a	Fd	Py	3	1000	500	400	2.0		7	20	
	no	IDF	xm		1a	Fd	Py	2	800	400	300	2.0		7	20	
	no	IDF	xm		1a	Fd	Py	1	600	300	250	0.0		7	20	
1060429	no	IDF	xm		1b	Fd(.8) Pl(.8)	Py(.8)	I	1200	700	600	2.0		7	20	
1060430	yes	IDF	xm		1b	Fd(.8) Pl(.8)	Py(.8)	I	1200	700	600	2.0		4	20	Applies to site with slopes 10% or less. Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha
1060686	no	IDF	xm		1b	Fd(.4)	Pl(.8) Py(.8)	4	1200	700	600	2.0		7	20	
	no	IDF	xm		1b	Fd	Pl Py	3	1000	500	400	2.0		7	20	
	no	IDF	xm		1b	Fd	Pl Py	2	800	400	300	2.0		7	20	
	no	IDF	xm		1b	Fd	Pl Py	1	600	300	250	0.0		7	20	
1060431	no	IDF	xm		2	Fd(.6)	Py(.8)	I	1000	500	400	2.0		7	20	
1060432	yes	IDF	xm		2	Fd(.6)	Py(.8)	I	1000	500	400	2.0		4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha
1060687	no	IDF	xm		2	Fd(.4)		4	1000	500	400	2.0		7	20	
	no	IDF	xm		2	Fd		3	800	400	300	2.0		7	20	
	no	IDF	xm		2	Fd		2	600	300	250	2.0		7	20	
	no	IDF	xm		2	Fd		1	400	200	200	0.0		7	20	
1060433	no	IDF	xm		3	Fd(.6) Pl(.8)	Py(.8)	I	1000	500	400	2.0		7	20	
1060434	yes	IDF	xm		3	Fd(.6) Pl(.8)	Py(.8)	I	1000	500	400	2.0		4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha
1060688	no	IDF	xm		3	Fd(.4)	Pl(.8)	4	1000	500	400	2.0		7	20	
	no	IDF	xm		3	Fd	Pl	3	800	400	300	2.0		7	20	
	no	IDF	xm		3	Fd	Pl	2	600	300	250	2.0		7	20	
	no	IDF	xm		3	Fd	Pl	1	400	200	200	0.0		7	20	
1060435	no	IDF	xm		4	Fd(.6)	Py(.8)	I	1000	500	400	2.0		7	20	
1060436	yes	IDF	xm		4	Fd(.6)	Py(.8) Pl (.8)	I	1000	500	400	2.0		4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha. Pl suitable as a nurse crop only.
1060689	no	IDF	xm		4	Fd(.4)		4	1000	500	400	2.0		7	20	
	no	IDF	xm		4	Fd		3	800	400	300	2.0		7	20	
	no	IDF	xm		4	Fd		2	600	300	250	2.0		7	20	
	no	IDF	xm		4	Fd		1	400	200	200	0.0		7	20	
1060437	no	IDF	xm		5	Fd(.8)	Py(.8)	I	1200	700	600	2.0		7	20	
1060438	yes	IDF	xm		5	Fd(.8)	Py(.8) Pl(.8)	I	1200	700	600	2.0		4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 1000 well spaced Fd crop trees/ha. Pine is suitable as anurse crop only.
1060690	no	IDF	xm		5	Fd(.4)		4	1200	700	600	2.0		7	20	
	no	IDF	xm		5	Fd		3	1000	500	400	2.0		7	20	
	no	IDF	xm		5	Fd		2	800	400	300	2.0		7	20	
	no	IDF	xm		5	Fd		1	600	300	250	0.0		7	20	
1060439	no	IDF	xm		6	Fd(.8)	Pl(1.0) Py(1.0) Lw(1.0)	I	1200	700	600	2.0		7	20	
1060440	yes	IDF	xm		6	Fd(.8)	Pl(1.0) Py(1.0) Lw(1.0)	I	1200	700	600	2.0		4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 1000 well spaced Fd crop trees/ha. Lw is not an acceptable species in MDWR. Pl suitable as a nurse crop only.
1060691	no	IDF	xm		6	Fd(.8)		4	1200	700	600	2.0		7	20	
	no	IDF	xm		6	Fd		3	1000	500	400	2.0		7	20	
	no	IDF	xm		6	Fd		2	800	400	300	2.0		7	20	
	no	IDF	xm		6	Fd		1	600	300	250	0.0		7	20	
1060441	no	IDF	xm		7	Fd(.8)	Pl(1.0)	I	1200	700	600	2.0		7	20	
1060442	yes	IDF	xm		7	Fd(.8)	Pl(1.0)	I	1200	700	600	2.0		4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 1000 well spaced Fd crop trees/ha. Pl suitable as a nurse crop only.
1060692	no	IDF	xm		7	Fd(.4)		4	1200	700	600	2.0		7	20	
	no	IDF	xm		7	Fd		3	1000	500	400	2.0		7	20	
	no	IDF	xm		7	Fd		2	800	400	300	2.0		7	20	
	no	IDF	xm		7	Fd		1	600	300	250	0.0		7	20	
1060443	no	IDF	xm		8	Fd(.8) Sx(.8)	Pl(.8)	I	1200	700	600	1.6		4	20	
1060444	yes	IDF	xm		8	Fd(.8) Sx(.8)	Pl(.8)	I	1200	700	600	1.6		4	20	Minimum planting density at regen delay is 1700/ha. At time of regen delay declaration there must be 200 well spaced Fd crop trees/ha
1060693	no	IDF	xm		8	Fd(.4) Sx(.8)	Pl(.8)	4	1200	700	600	1.6		7	20	
	no	IDF	xm		8	Fd Sx	Pl	3	1000	500	400	1.6		7	20	
	no	IDF	xm		8	Fd Sx	Pl	2	800	400	300	1.6		7	20	
	no	IDF	xm		8	Fd Sx	Pl	1	600	300	250	0.0		7	20	
1060445	no	IDF	xm		9	Sx(.6) Pl(.8)		I	1000	500	400	1.6		4	20	

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						Species		Stocking								
		BGC Zone	Subzone	Variant	Site Series	Preferred (p) minimum height (m)	Acceptable (a) minimum height (m)	Layer	Target	MIN p+a Well-spaced/ha	MIN p Well-spaced/ha	MITD (m)		Regen Delay (yrs)	Free Growing (yrs)	
1060446	no	IDF	xw		1	Fd(.8) Py(.8)		I	1200	700	600	2.0		7	20	
1060694	no	IDF	xw		1	Fd(.4)	Py(0.8)	4	1200	700	600	2.0		7	20	
	no	IDF	xw		1	Fd	Py	3	1000	500	400	2.0		7	20	
	no	IDF	xw		1	Fd	Py	2	800	400	300	2.0		7	20	
	no	IDF	xw		1	Fd	Py	1	600	300	250	0.0		7	20	
1060447	no	IDF	xw		2	Fd(.6) Py(.6)		I	600	400	300	2.0		7	20	
1060695	no	IDF	xw		2	Fd(.4)	Py(0.8)	4	600	400	400	2.0		7	20	
	no	IDF	xw		2	Fd	Py	3	500	300	300	2.0		7	20	
	no	IDF	xw		2	Fd	Py	2	400	200	200	2.0		7	20	
	no	IDF	xw		2	Fd	Py	1	300	150	150	0.0		7	20	
1060448	no	IDF	xw		3	Fd(.6) Py(.6)		I	600	400	300	2.0		7	20	
1060696	no	IDF	xw		3	Fd(.4)	Py(0.8)	4	600	400	400	2.0		7	20	
	no	IDF	xw		3	Fd	Py	3	500	300	300	2.0		7	20	
	no	IDF	xw		3	Fd	Py	2	400	200	200	2.0		7	20	
	no	IDF	xw		3	Fd	Py	1	300	150	150	0.0		7	20	
1060449	no	IDF	xw		4	Fd(.6) Py(.6)		I	800	500	400	2.0		7	20	
1060697	no	IDF	xw		4	Fd(.4)	Py(1.0)	4	800	400	400	2.0		7	20	
	no	IDF	xw		4	Fd	Py	3	600	300	300	2.0		7	20	
	no	IDF	xw		4	Fd	Py	2	400	200	200	2.0		7	20	
	no	IDF	xw		4	Fd	Py	1	300	150	150	0.0		7	20	
1060450	no	IDF	xw		5	Fd(.8)		I	1200	700	600	2.0		7	20	
1060698	no	IDF	xw		5	Fd(.4)		4	1200	700	600	2.0		7	20	
	no	IDF	xw		5	Fd		3	1000	500	400	2.0		7	20	
	no	IDF	xw		5	Fd		2	800	400	300	2.0		7	20	
	no	IDF	xw		5	Fd		1	600	300	250	0.0		7	20	
1060451	no	IDF	xw		6	Fd(.6) Sx(.6)		I	1200	700	600	2.0		4	20	
1060699	no	IDF	xw		6	Fd(.4) Sx(0.6)		4	1200	700	600	2.0		7	20	
	no	IDF	xw		6	Fd Sx		3	1000	500	400	2.0		7	20	
	no	IDF	xw		6	Fd Sx		2	800	400	300	2.0		7	20	
	no	IDF	xw		6	Fd Sx		1	600	300	250	0.0		7	20	
1060452	no	IDF	xw		7	Fd(.6) Sx(.6)		I	1000	500	400	1.6		4	20	
1060700	no	IDF	xw		7	Fd(.4) Sx(0.6)		4	1000	500	400	2.0		7	20	
	no	IDF	xw		7	Fd Sx		3	800	400	300	2.0		7	20	
	no	IDF	xw		7	Fd Sx		2	600	300	250	2.0		7	20	
	no	IDF	xw		7	Fd Sx		1	400	200	200	0.0		7	20	
1060453	no	MS	dc	2	1	Pl(1.0) Sx(.8)	Fd(.8) Bl(.8)	I	1200	700	600	2.0		7	20	
1060454	no	MS	dc	2	2	Fd(.6) Pl(.8)	Bl(.6) Pa(.6)	I	1000	500	400	1.6		7	20	
1060455	no	MS	dc	2	3	Fd(.6) Pl(.8)	Bl(.6) Pa(.6)	I	1000	500	400	2.0		7	20	
1060456	no	MS	dc	2	4	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0		7	20	
1060457	no	MS	dc	2	5	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0		7	20	
1060458	no	MS	dc	2	6	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0		4	20	
1060459	no	MS	dc	2	7	Sx(.8) Bl(.8)	Pl(1.0)	I	1200	700	600	2.0		4	20	
1060460	no	MS	dc	2	8	Sx(.6)	Bl(.6) Pl(.8)	I	1000	500	400	1.6		4	20	
1060461	no	MS	dv		1	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0		7	20	
1060462	no	MS	dv		2	Pl(.8)		I	1000	500	400	2.0		7	20	
1060463	no	MS	dv		3	Pl(1.0)	Sx(.8) Bl(.8)	I	1200	700	600	2.0		7	20	
1060464	no	MS	dv		4	Pl(1.0)	Sx(.8) Bl(.8)	I	1200	700	600	2.0		7	20	
1060465	no	MS	dv		5	Pl(1.0)	Sx(.8) Bl(.8)	I	1200	700	600	2.0		7	20	
1060466	no	MS	dv		6	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0		7	20	
1060467	no	MS	dv		7	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0		7	20	
1060468	no	MS	dv		8	Sx(.6) Pl(.8)	Bl(.6)	I	1000	500	400	1.6		4	20	
1060469	no	MS	dv		9	Sx(.6)	Pl(.8) Bl(.6)	I	1000	500	400	1.6		4	20	

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						Species		Stocking								
		BGC Zone	Subzone	Variant	Site Series	Preferred (p) minimum height (m)	Acceptable (a) minimum height (m)	Layer	Target	MIN p+a	MIN p	MITD	Well-spaced/ha	Regen Delay (yrs)	Free Growing (yrs)	
1060470	no	MS	xk		1	Fd(.8) Pl(1.4) Sx(.8)	Bl(.8) Lw(1.4)	I	1200	700	600	2.0		7	20	
1060701	no	MS	xk		1	Fd(.8) Pl(1.4) Sx(.8)	Bl(.8) Lw(1.4)	4	1200	700	600	2.0		7	20	
	no	MS	xk		1	Fd Pl Sx	Bl Lw	3	1000	500	400	2.0		7	20	
	no	MS	xk		1	Fd Pl Sx	Bl Lw	2	800	400	300	2.0		7	20	
	no	MS	xk		1	Fd Pl Sx	Bl Lw	1	600	300	250	0.0		7	20	
1060471	no	MS	xk		2	Fd(.6) Pl(1.0)	Sx(.6) Bl(.6)	I	1000	500	400	1.6		7	20	
1060702	no	MS	xk		2	Fd(.6) Pl(1.0)	Sx(.6) Bl(.6)	4	1000	500	400	2.0		7	20	
	no	MS	xk		2	Fd Pl	Sx Bl	3	800	400	300	2.0		7	20	
	no	MS	xk		2	Fd Pl	Sx Bl	2	600	300	250	2.0		7	20	
	no	MS	xk		2	Fd Pl	Sx Bl	1	400	200	200	0.0		7	20	
1060472	no	MS	xk		5a	Fd(.6) Pl(1.0)	Py(1.0) Lw(1.0)	I	1000	500	400	2.0		7	20	
1060703	no	MS	xk		5a	Fd(.6) Pl(1.0)	Py(1.0) Lw(1.0)	4	1000	500	400	2.0		7	20	
	no	MS	xk		5a	Fd Pl	Py Lw	3	800	400	300	2.0		7	20	
	no	MS	xk		5a	Fd Pl	Py Lw	2	600	300	250	2.0		7	20	
	no	MS	xk		5a	Fd Pl	Py Lw	1	400	200	200	0.0		7	20	
1060473	no	MS	xk		5b	Pl(1.0)	Sx(.6) Lw(1.0) Fd(.6)	I	1000	500	400	2.0		7	20	
1060474	no	MS	xk		6	Pl(1.4) Sx(.8) Bl(.8)	Fd(.8)	I	1200	700	600	2.0		7	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060475	no	MS	xk		8	Pl(1.4) Sx(.8)	Bl(.8)	I	1200	700	600	2.0		4	20	
1060476	no	MS	xk		9	Sx(.6)	Bl(.6) PL(1.0)	I	1000	500	400	1.6		4	20	
1060477	no	MS	xv		1	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0		7	20	
1071671	no	MS	xv		1	Pl(1.0) Sx(.8)	Bl(.8)	I	1000	800	600	1.5		7	20	Caribou Standards - WHAs 5-086, 5-872, 5-873
1060478	no	MS	xv		2	Pl(.8)		I	1000	500	400	2.0		7	20	
1071672	no	MS	xv		2	Pl(.8)		I	1000	550	400	1.5		7	20	Caribou Standards - WHAs 5-086, 5-872, 5-873
1060479	no	MS	xv		3	Pl(.8)		I	1000	500	400	2.0		7	20	
1071673	no	MS	xv		3	Pl(.8)		I	1000	550	400	1.5		7	20	Caribou Standards - WHAs 5-086, 5-872, 5-873
1060480	no	MS	xv		4	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0		7	20	
1071674	no	MS	xv		4	Pl(1.0) Sx(.8)	Bl(.8)	I	1000	800	600	1.5		7	20	Caribou Standards - WHAs 5-086, 5-872, 5-873
1060481	no	MS	xv		5	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0		7	20	
1071675	no	MS	xv		5	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0		7	20	Caribou Standards - WHAs 5-086, 5-872, 5-873
1060482	no	MS	xv		6	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0		7	20	
1071676	no	MS	xv		6	Pl(1.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0		7	20	Caribou Standards - WHAs 5-086, 5-872, 5-873
1060483	no	MS	xv		7	Pl(.8) Sx(.6)	Bl(.6)	I	1000	500	400	2.0		4	20	
1071677	no	MS	xv		7	Pl(.8) Sx(.6)	Bl(.6)	I	1000	500	400	2.0		4	20	Caribou Standards - WHAs 5-086, 5-872, 5-873
1060484	no	MS	xv		8	Sx(.6)	Pl(.8) Bl(.6)	I	1000	500	400	1.6		4	20	
1071678	no	MS	xv		8	Sx(.6)	Pl(.8) Bl(.6)	I	1000	500	400	2.0		4	20	Caribou Standards - WHAs 5-086, 5-872, 5-873
1060485	no	MS	xv		9	Sx(.6)	Bl(.6) Pl(.8)	I	400	200	150	1.6		4	20	
1071679	no	MS	xv		9	Sx(.6)	Bl(.6) Pl(.8)	I	400	200	200	2.0		4	20	Caribou Standards - WHAs 5-086, 5-872, 5-873
1060486	no	SBPS	dc		1	Pl(1.4) Sx(.8)	Fd(.8) SB(.8) Lw(1.4)	I	1200	700	600	2.0		7	20	
1060487	no	SBPS	dc		2	Pl(1.0)	Fd(.8)	I	1000	400	300	2.0		7	20	
1060488	no	SBPS	dc		3	Pl(1.4)	SB(.8) Sx(.8) Fd(.8) Lw(1.4)	I	1200	700	600	2.0		7	20	
1060489	no	SBPS	dc		4	Pl(1.4) Sx(.8)	SB(.8)	I	1200	700	600	2.0		7	20	
1060490	no	SBPS	dc		5	Pl(1.0) Sx(.6)	SB(.6)	I	1000	500	400	2.0		4	20	
1060491	no	SBPS	dc		6	Pl(1.0) Sx(.6)	SB(.6)	I	1000	500	400	1.6		4	20	
1060492	no	SBPS	dc		7	Pl(1.0) Sx(.6)	SB(.6)	I	400	200	150	1.6		4	20	
1060493	no	SBPS	dc		8	Sx(.6)	Pl(1.0) SB(.6)	I	1000	500	400	1.6		4	20	
1060494	no	SBPS	mc		1	Pl(1.6)	Sx(.8) SB(.8)	I	1200	700	600	2.0		7	20	
1060495	no	SBPS	mc		2	Pl(1.2)	Sx(.6) SB(.6)	I	1000	500	400	2.0		7	20	
1060496	no	SBPS	mc		3	Pl(1.6)	Sx(.8) SB(.8)	I	1200	700	600	2.0		7	20	
1060497	no	SBPS	mc		4	Pl(1.2) Sx(.6)	SB(.6)	I	1000	500	400	1.6		4	20	
1060498	no	SBPS	mc		5	Sx(.6)	Pl(1.2) SB(.6)	I	1000	500	400	2.0		4	20	
1060499	no	SBPS	mc		6	Pl(1.2) Sx(.6)	Sb(.6)	I	1000	500	400	1.6		4	20	
1060500	no	SBPS	mc		7	Pl(1.2) Sx(.6)	Sb(.6)	I	400	200	150	1.6		4	20	

SSID	Enhanced Standard	BGC Classification				Regen and Free Growing: Species		Stocking					Assessments		Additional Standards
		BGC Zone	Subzone	Variant	Site Series	Preferred (p) minimum height (m)	Acceptable (a) minimum height (m)	Layer	Target	MIN p+a	MIN p	MITD	Regen Delay (yrs)	Free Growing (yrs)	
									Well-spaced/ha			(m)			
1060501	no	SBPS	mk		1	Fd(1.0) Pl(1.6) Sx(.8)	Lw(1.6)	I	1200	700	600	2.0	7	20	
1060502	yes	SBPS	mk		1	Fd(1.0) Pl(1.6) Sx(.8)	Lw(1.6)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060503	no	SBPS	mk		2	Fd(.8) Pl(1.2)	Sx(.6) Py(1.2)	I	1000	500	400	2.0	7	20	
1060504	no	SBPS	mk		3	Fd(1.0) Pl(1.6)		I	1200	700	600	2.0	7	20	
1060505	yes	SBPS	mk		3	Fd(1.0) Pl(1.6)		I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060506	no	SBPS	mk		4	Fd(1.0) Pl(1.6) Sx(.8)	Lw(1.6)	I	1200	700	600	2.0	7	20	
1060507	yes	SBPS	mk		4	Fd(1.0) Pl(1.6) Sx(.8)	Lw(1.6)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060508	no	SBPS	mk		5	Fd(1.0) Pl(1.6) Sx(.8)	Lw(1.6)	I	1200	700	600	2.0	7	20	
1060509	yes	SBPS	mk		5	Fd(1.0) Pl(1.6) Sx(.8)	Lw(1.6)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060510	no	SBPS	mk		6	Pl(1.6) Sx(.8)		I	1200	700	600	2.0	4	20	
1060511	yes	SBPS	mk		6	Pl(1.6) Sx(.8)		I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060512	no	SBPS	mk		7	Sx(.6)	Bl(.6) Pl(1.2)	I	1000	500	400	1.6	4	20	
1060513	no	SBPS	mk		8	Pl(1.2) Sx(.6)	Sb(.6)	I	400	200	150	1.6	4	20	
1060514	no	SBPS	xc		1	Pl(1.0)	Fd(.6) Sx(.6) Lw(1.4)	I	1200	700	600	2.0	7	20	
1060515	no	SBPS	xc		2a	Fd(.6) Pl(1.0)		I	1000	500	400	1.6	7	20	
1060516	no	SBPS	xc		2b	Pl(1.0)		i	1000	500	400	1.6	7	20	
1060517	no	SBPS	xc		2c	Pl (1.0) Fd(0.6)		I	1000	500	400	1.6	7	20	
1060518	no	SBPS	xc		3	Pl(1.0) Sx(.6)		I	1000	500	400	2.0	4	20	
1060519	no	SBPS	xc		4	Pl(1.0) Sx(.8)	Lw(1.4)	I	1200	700	600	2.0	4	20	
1060520	no	SBPS	xc		5	Pl(1.0) Sx(.6)		I	1000	500	400	1.6	4	20	
1060521	no	SBPS	xc		6	Pl(1.0) Sx(.6)		I	1000	500	400	1.6	4	20	
1060522	no	SBS	dk		1	Pl(2.0) Sx(1.0) Fd (1.4)		I	1200	700	600	2.0	7	20	
1060523	no	SBS	dk		2	Pl(1.4) Sx(.8)		I	1000	500	400	1.6	7	20	
1060524	no	SBS	dk		3	Pl(2.0) Sx(1.0)	Sb(1.0)	I	1200	700	600	2.0	7	20	
1060525	no	SBS	dk		4	Fd(1.4) Pl(2.0) Sx(1.0)		I	1200	700	600	2.0	7	20	
1060526	no	SBS	dk		5	Pl(2.0) Sx(1.0) Fd(1.4)		I	1200	700	600	2.0	7	20	
1060527	no	SBS	dk		6	Pl(2.0) Sx(1.0) Fd(1.4)		I	1200	700	600	2.0	4	20	
1060528	no	SBS	dk		7	Sx(.8) Pl(1.4)		I	1000	500	400	2.0	4	20	
1060529	no	SBS	dk		8	Sx(1.0) Pl(2.0)		I	1200	700	600	2.0	4	20	
1060530	no	SBS	dk		9	Pl(1.4) SB(1.0)		I	400	200	150	1.6	4	20	
1060531	no	SBS	dk		10	Pl(1.4) Sx(.8) SB(.8)		I	400	200	150	1.6	4	20	
1060532	no	SBS	dw	1	1	Fd(1.4) Pl(2.0) Sx(1.0)	Lw(2.0) Bl(1.0)	I	1200	700	600	2.0	7	20	
1060533	yes	SBS	dw	1	1	Fd(1.4) Pl(2.0) Sx(1.0)	Lw(2.0) Bl(1.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060534	yes	SBS	dw	1	1	Fd(1.4) Sx(1.0)	Lw(2.0) Bl(1.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060535	no	SBS	dw	1	2	Fd(1.0) Pl(1.4)	Lw(1.4)	I	1000	500	400	2.0	7	20	
1060536	no	SBS	dw	1	3	Fd(1.4) Pl(2.0)	Lw(1.4)	I	1200	700	600	2.0	7	20	
1060537	no	SBS	dw	1	4	Fd(1.4) Pl(2.0) Sx(1.0)		I	1200	700	600	2.0	7	20	
1060538	yes	SBS	dw	1	4	Fd(1.4) Pl(2.0) Sx(1.0)		I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060539	yes	SBS	dw	1	4	Fd(1.4)Sx(1.0)	Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060540	no	SBS	dw	1	5	Fd(1.4) Pl(2.0) Sx(1.0)	Lw(1.4)	I	1200	700	600	2.0	7	20	
1060541	yes	SBS	dw	1	5	Fd(1.4) Pl(2.0) Sx(1.0)	Lw(1.4)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060542	yes	SBS	dw	1	5	Fd(1.4) Sx(1.0)	Lw(1.4) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060543	no	SBS	dw	1	6	Fd(1.4) Pl(2.0) Sx(1.0)		I	1200	700	600	2.0	7	20	
1060544	yes	SBS	dw	1	6	Fd(1.4)Sx(1.0)	Pl(2.0) Bl(1.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060545	no	SBS	dw	1	7	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	
1060546	yes	SBS	dw	1	7	Fd(1.4) Sx(1.0)	Bl(1.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060547	no	SBS	dw	1	8	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	
1060548	yes	SBS	dw	1	8	Fd(1.4) Sx(1.0)	Bl(1.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060549	no	SBS	dw	1	9	Sx(.8)	Bl(.8) Pl(1.4)	I	1000	500	400	1.6	4	20	

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		BGC Zone	Subzone	Variant	Site Series	Preferred (p) minimum height (m)	Acceptable (a) minimum height (m)	Layer	Target	MIN p+a Well-spaced/ha	MIN p	MITD (m)	Regen Delay (yrs)	Free Growing (yrs)	
1060550	no	SBS	dw	2	1	Fd(1.4) Pl(2.0) Sx(1.0)	Lw(2.0)	I	1200	700	600	2.0	7	20	
1060551	yes	SBS	dw	2	1	Fd(1.4) Pl(2.0) Sx(1.0)	Lw(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060552	yes	SBS	dw	2	1	Fd(1.4) Sx(1.0)	Lw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060704	no	SBS	dw	2	1	Fd(1.0) Pl(2.0) Sx(1.0)		4	1200	700	600	2.0	7	20	
	no	SBS	dw	2	1	Fd Pl Sx		3	1000	500	400	2.0	7	20	
	no	SBS	dw	2	1	Fd Pl Sx		2	800	400	300	2.0	7	20	
	no	SBS	dw	2	1	Fd Pl Sx		1	600	300	250	0.0	7	20	
1060553	no	SBS	dw	2	2	Fd(1.0) Pl(1.4)	Lw(1.4)	I	1000	500	400	2.0	7	20	
1060705	no	SBS	dw	2	2	Fd(1.0) Pl(4)		4	1000	500	400	2.0	7	20	
	no	SBS	dw	2	2	Fd Pl		3	800	400	300	2.0	7	20	
	no	SBS	dw	2	2	Fd Pl		2	600	300	250	2.0	7	20	
	no	SBS	dw	2	2	Fd Pl		1	400	200	200	0.0	7	20	
1060554	no	SBS	dw	2	3	Fd(1.4) Pl(2.0)		I	1200	700	600	2.0	7	20	
106076	no	SBS	dw	2	3	Fd(1.0) Pl(2.0)		4	1200	700	600	2.0	7	20	
	no	SBS	dw	2	3	Fd Pl		3	1000	500	400	2.0	7	20	
	no	SBS	dw	2	3	Fd Pl		2	800	400	300	2.0	7	20	
	no	SBS	dw	2	3	Fd Pl		1	600	300	250	0.0	7	20	
1060555	no	SBS	dw	2	4	Fd(1.4) Pl(2.0)	Lw(2.0)	I	1200	700	600	2.0	7	20	
1060556	yes	SBS	dw	2	4	Fd(1.4) Pl(2.0)	Lw(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060707	no	SBS	dw	2	4	Fd(1.0) Pl(2.0)		4	1200	700	600	2.0	7	20	
	no	SBS	dw	2	4	Fd Pl		3	1000	500	400	2.0	7	20	
	no	SBS	dw	2	4	Fd Pl		2	800	400	300	2.0	7	20	
	no	SBS	dw	2	4	Fd Pl		1	600	300	250	0.0	7	20	
1060557	no	SBS	dw	2	5	Fd(1.4) Pl(2.0) Sx(1.0)	Lw(2.0)	I	1200	700	600	2.0	7	20	
1060558	yes	SBS	dw	2	5	Fd(1.4) Pl(2.0) Sx(1.0)	Lw(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060559	yes	SBS	dw	2	5	Fd(1.4) Sx(1.0)	Lw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060708	no	SBS	dw	2	5	Fd(1.0) Pl(2.0) Sx(1.0)		4	1200	700	600	2.0	7	20	
	no	SBS	dw	2	5	Fd Pl Sx		3	1000	500	400	2.0	7	20	
	no	SBS	dw	2	5	Fd Pl Sx		2	800	400	300	2.0	7	20	
	no	SBS	dw	2	5	Fd Pl Sx		1	600	300	250	0.0	7	20	
1060560	no	SBS	dw	2	6	Fd(1.4) Pl(2.0) Sx(1.0)	Lw(2.0)	I	1200	700	600	2.0	7	20	
1060561	yes	SBS	dw	2	6	Fd(1.4) Pl(2.0) Sx(1.0)	Lw(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060562	yes	SBS	dw	2	6	Fd(1.4) Sx(1.0)	Lw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060709	no	SBS	dw	2	6	Fd(1.0) Pl(2.0) Sx(1.0)		4	1200	700	600	2.0	7	20	
	no	SBS	dw	2	6	Fd Pl Sx		3	1000	500	400	2.0	7	20	
	no	SBS	dw	2	6	Fd Pl Sx		2	800	400	300	2.0	7	20	
	no	SBS	dw	2	6	Fd Pl Sx		1	600	300	250	0.0	7	20	
1060563	no	SBS	dw	2	7	Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	7	20	
1060564	no	SBS	dw	2	8	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	
1060565	yes	SBS	dw	2	8	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060566	yes	SBS	dw	2	8	Fd(1.4) Sx(1.0)	Bl(1.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060567	no	SBS	dw	2	9	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	
1060568	no	SBS	dw	2	10	Sx(.8)	Bl(.8) Pl(1.4)	I	1000	500	400	1.6	4	20	
1060569	no	SBS	dw	2	11	Pl(1.4) Sx(.8)		I	400	200	150	1.6	4	20	
1060570	no	SBS	mc	1	1	Fd(1.0) Pl(1.6) Sx(.8)	Bl(.8) Lw(1.6)	I	1200	700	600	2.0	7	20	
1060571	yes	SBS	mc	1	1	Fd(1.0) Pl(1.6) Sx(.8)	Bl(.8) Lw(1.6)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060572	no	SBS	mc	1	2	Pl(1.4)	Sx(.6) Bl(.6) Lw(1.4)	I	1000	500	400	2.0	7	20	
1060573	no	SBS	mc	1	3	Fd(1.0) Pl(1.4)	Sx(.8) Lw(1.4)	I	1200	700	600	2.0	7	20	
1060574	yes	SBS	mc	1	3	Fd(1.0) Pl(1.4)	Sx(.8) Lw(1.4)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060575	no	SBS	mc	1	4	Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	7	20	
1060576	yes	SBS	mc	1	4	Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060577	no	SBS	mc	1	5	Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	7	20	
1060578	yes	SBS	mc	1	5	Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060579	no	SBS	mc	1	6	Fd(1.0) Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	4	20	
1060580	yes	SBS	mc	1	6	Fd(1.0) Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060581	no	SBS	mc	1	7	Fd(1.0) Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	4	20	
1060582	yes	SBS	mc	1	7	Fd(1.0) Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060583	no	SBS	mc	1	8	Sx(.6)	Pl(1.2) Bl(.6)	I	1000	500	400	1.6	4	20	

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		BGC Zone	Subzone	Variant	Site Series	Preferred (p) minimum height (m)	Acceptable (a) minimum height (m)	Layer	Target Well-spaced/ha	MIN p+a Well-spaced/ha	MIN p Well-spaced/ha	MITD (m)	Regen Delay (yrs)	Free Growing (yrs)	
1060584	no	SBS	mc	2	1	Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	7	20	
1060585	no	SBS	mc	2	2	Pl(1.2)	Sx(.6) Bl(.6)	I	1000	500	400	1.6	7	20	
1060586	no	SBS	mc	2	3	Pl(1.6) Sx(.8)	Bl(.8) SB (.6)	I	1200	700	600	2.0	7	20	
1060587	no	SBS	mc	2	4	Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	4	20	
1060588	no	SBS	mc	2	5	Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	4	20	
1060589	no	SBS	mc	2	6	Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	4	20	
1060590	no	SBS	mc	2	7	Pl(1.2) Sx(.6)	Bl(.6) SB (.6)	I	1000	500	400	1.6	4	20	
1060591	no	SBS	mc	2	8	Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	4	20	
1060592	no	SBS	mc	2	9	Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	4	20	
1060593	no	SBS	mc	2	10	Pl(1.2) Sx(.6)	Bl(.6)	I	1000	500	400	1.6	4	20	
1060594	no	SBS	mc	2	11	Sx(.6)	Pl(1.2) Bl(.6)	I	1000	500	400	1.6	4	20	
1060595	no	SBS	mc	2	12	Pl(1.2) Sx(.6)	Bl(.6)	I	400	200	150	1.6	4	20	
1060596	no	SBS	mc	3	1	Pl(1.6) Sx(.8)	Bl(.8) Fd(0.8) Lw(0.8)	I	1200	700	600	2.0	7	20	
1060597	no	SBS	mc	3	2	Pl(1.6)	Sx(.8)	I	1200	700	600	2.0	7	20	
1060598	no	SBS	mc	3	3	Pl(1.6)	Sx(.8)	I	1200	700	600	2.0	7	20	
1060599	no	SBS	mc	3	4	Pl(1.6) Sx(.8)	Bl(.8) Sb(.8)	I	1200	700	600	2.0	7	20	
1060600	no	SBS	mc	3	5	Pl(1.6)	Sx(.8) Sb(.8)	I	1200	700	600	2.0	7	20	
1060601	no	SBS	mc	3	6	Pl(1.6)	Sx(.8) Sb(.8)	I	1200	700	600	2.0	7	20	
1060602	no	SBS	mc	3	7	Pl(1.6) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	4	20	
1060603	no	SBS	mc	3	8	Pl(1.2) Sx(.6)	Bl(.6)	I	1000	500	400	1.6	4	20	
1060604	no	SBS	mc	3	9	Pl(1.2) Sx(.6)	Bl(.8) Sb(.8)	I	400	200	150	1.6	4	20	
1060605	no	SBS	mh		1	Fd(1.4) Sx(1.0)	Bl(1.0) Lw(2.0)	I	1200	700	600	2.0	7	20	
1060606	no	SBS	mh		2	Fd(1.0) Pl(1.4)	Lw(1.4)	I	1000	500	400	2.0	7	20	
1060607	no	SBS	mh		3	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	7	20	
1060608	no	SBS	mh		4	Fd(1.4)	Bl(1.0) Sx(1.0) Lw(1.4)	I	1200	700	600	2.0	7	20	
1060609	no	SBS	mh		5	Fd(1.4) Sx(1.0)	Bl(1.0) Lw(2.0)	I	1200	700	600	2.0	7	20	
1060610	no	SBS	mh		6	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	7	20	
1060611	no	SBS	mh		7	Fd(1.4) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	
1060612	no	SBS	mh		8	Fd(1.4) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	
1060613	no	SBS	mh		9	Sx(.8)	Bl(0.8)	I	1000	500	400	1.6	4	20	
1060614	no	SBS	mm		1	Pl(2.0) Sx(1.0) Bl(1.0)	Fd(1.4)	I	1200	700	600	2.0	7	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060615	no	SBS	mm		2	Pl(1.4)	Sx(.8) Bl(.8) Fd(1.0)	I	1000	500	400	1.6	7	20	
1060616	no	SBS	mm		3	Pl(1.4) Sx(.8)	Bl(.8) Fd(1.0)	I	1000	500	400	2.0	7	20	
1060617	no	SBS	mm		4	Pl(1.4) Sx(.8)	Fd(1.0) Bl(.8)	I	1000	500	400	2.0	7	20	
1060618	no	SBS	mm		5	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	7	20	
1060619	no	SBS	mm		6	Pl(2.0) Sx(1.0) Bl(1.0)	Fd(1.4)	I	1200	700	600	2.0	7	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060620	no	SBS	mm		7	Sx(1.0) Bl(1.0)	Fd(1.4) Pl(2.0) Cw(1.0)	I	1200	700	600	2.0	4	20	Balsam (Bl) is limited to a maximum of 50% of preferred and acceptable well spaced trees
1060621	no	SBS	mm		8	Sx(.8) Bl(.8)	Pl(1.4)	I	1000	500	400	1.6	4	20	

SSID	Enhanced Standard	BGC Classification				Regen and Free Growing								Assessments		Additional Standards
						Species		Stocking								
		BGC Zone	Subzone	Variant	Site Series	Preferred (p) minimum height (m)	Acceptable (a) minimum height (m)	Layer	Target	MIN p+a Well-spaced/ha	MIN p	MITD (m)	Regen Delay (yrs)	Free Growing (yrs)	
1060622	no	SBS	mw		1	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0) Lw(2.0)	I	1200	700	600	2.0	7	20	
1060623	yes	SBS	mw		1	Fd(1.4) Sx(1.0)	Bl(1.0) Lw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060624	yes	SBS	mw		1	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0) Lw(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060625	no	SBS	mw		2	Fd(1.0) Pl(1.4)	Sx(.8) Bl(.8)	I	1000	500	400	1.6	7	20	
1060626	no	SBS	mw		3	Fd(1.4) Pl(2.0)	Sx(1.0) Lw(2.0)	I	1200	700	600	2.0	7	20	
1060627	yes	SBS	mw		3	Fd(1.4) Pl(2.0)	Sx(1.0) Lw(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060628	no	SBS	mw		4	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0) Lw(2.0)	I	1200	700	600	2.0	7	20	
1060629	yes	SBS	mw		4	Fd(1.4) Sx(1.0)	Bl(1.0) Lw(2.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060630	yes	SBS	mw		4	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0) Lw(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060631	no	SBS	mw		5	Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	
1060632	yes	SBS	mw		5	Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060633	no	SBS	mw		6	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	
1060634	yes	SBS	mw		6	Fd(1.4) Sx(1.0)	Bl(1.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060635	yes	SBS	mw		6	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060636	no	SBS	mw		7	Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	
1060637	yes	SBS	mw		7	Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060638	no	SBS	mw		8	Fd(1.4) Sx(1.0)	Bl(1.0) Pl(2.0)	I	1200	700	600	1.6	4	20	
1060639	yes	SBS	mw		8	Fd(1.4) Sx(1.0)	Bl(1.0) Pl(2.0)	I	1200	700	600	1.6	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060640	no	SBS	mw		9	Sx(.8)	Bl(.8) Pl(1.4)	I	1000	500	400	1.6	4	20	
1060641	no	SBS	mw		10	Pl(1.4) Sx(.8)	SB(.8)	I	400	200	150	1.6	4	20	
1060642	no	SBS	mw		11	Pl(2.0) Sx(.8)	Bl(.8)	I	1200	700	600	2.0	4	20	
1060643	yes	SBS	mw		11	Pl(2.0) Sx(.8)	Bl(.8) Fd(1.4) Lw(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060644	no	SBS	mw		12	Pl(1.4) Sx(.8)		I	1000	500	400	1.6	4	20	
1060645	no	SBS	mw		13	Sx(.8)	Bl(.8)	I	1000	500	400	1.6	4	20	
1060646	no	SBS	wk	1	1	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	7	20	
1060647	yes	SBS	wk	1	1	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060648	yes	SBS	wk	1	1	Fd(1.4)) Sx(1.0)	Bl(1.0) Pl(2.0	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060649	no	SBS	wk	1	2	Pl(1.4) Fd(1.0)	Bl(.8) Sx(.8)	I	1000	500	400	2.0	7	20	
1060650	no	SBS	wk	1	3	Pl(2.0) Fd(1.4)	Sx(1.0)	I	1200	700	600	2.0	7	20	
1060651	no	SBS	wk	1	4	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	7	20	
1060652	yes	SBS	wk	1	4	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060653	yes	SBS	wk	1	4	Fd(1.4) Pl(2.0) Sx(1.0)	Bl(1.0) Pl(2.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1600/ha. Species other than pine must make up greater than 50% of the planted seedlings
1060654	no	SBS	wk	1	5	Pl(2.0) Sx(1.0)	Fd(1.4) Bl(1.0)	I	1200	700	600	2.0	7	20	
1060655	yes	SBS	wk	1	5	Pl(2.0) Sx(1.0)	Fd(1.4) Bl(1.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060656	no	SBS	wk	1	6	Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	
1060657	yes	SBS	wk	1	6	Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060658	no	SBS	wk	1	7	Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	
1060659	yes	SBS	wk	1	7	Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060660	no	SBS	wk	1	8	Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	
1060661	yes	SBS	wk	1	8	Pl(2.0) Sx(1.0)	Bl(1.0)	I	1200	700	600	2.0	4	20	Minimum planting density at regen delay is 1800/ha.
1060662	no	SBS	wk	1	9	Sx(.8)	Pl(1.4) Bl(.8)	I	1000	500	400	1.6	4	20	
1060663	no	SBS	wk	1	10	Pl(1.4) Sx(.8)		I	400	200	150	1.6	4	20	
1060664	no	SBS	wk	1	11	Pl(1.4) Sx(.8)		I	400	200	150	1.6	4	20	
n/a	no	ALL	all	all	all	Pl(0.8) Fd(0.8) Bl(0.8) Sx(0.8) Cw(0.8) Hw(0.8) At(0.8) Ac(0.8) Ep(0.8)*		I	2000**	500	400	0.5	7	20	No reforestation to occur is stocking is >400 sph. *species selection based on value OGMA is protecting and ecological suitability **target stocking will be based on the value the OGMA is protecting. Spacing should be clumpy

Cariboo Region Stocking Standards Supporting Document, GENERAL ASSESSMENT PROCEDURES

Adopters of the Cariboo Region Stocking Standards (CRSS) commit to operating under certain standards. The general assessment standards outlined in this document form an integral part of the CRSS. Higher level plans and orders (ie GAR) supersede stocking standards approved in an FSP (CRSS) and CRSS supersede best management practices such as the *Forest Science, Planning and Practices Branch, Silviculture Survey Procedures Manual*.

General Assessment Standards

G1) Crop Tree Assessment 1
G2) Site Identification for the Purpose of Determining Stocking Standard 2
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G1) Crop Tree Assessment

Regeneration and free growing surveys will be conducted under the oversight of a Forest Professional and/or Accredited Surveyor. Survey methodologies and tree acceptability criteria are as specified in the *Forest Science, Planning and Practices Branch, Silviculture Survey Procedures Manual* (the manual) and the *FS660- Silviculture Survey Reference* field card, as amended from time to time, unless specified or varied through provisions of this FSP.

G2) Site Identification for the Purpose of Determining Stocking Standard

When determining the appropriate stocking standard in CRSS, site identification will be completed based on the procedures and site descriptions contained in Land Management Handbook Number 39 (1997) – *A Field Guide to the Forest Site Identification and Interpretation for the Cariboo Forest Region* and supplements, as amended from time-to-time. For biogeoclimatic subzones that are not contained in the Cariboo Region field guide, Handbook Number 23 (1990) – *A Guide to the Site Identification and Interpretation for the Kamloops Forest Region* and Handbook Number 24 (1993) – *A Field Guide for Site Identification and Interpretation for the Southwest Portion of the Prince George Forest Region*, as amended from time-to-time, shall be used.

G3) Deviation from Potential (DFP) Survey Methodology to Assess Stocking Levels

Where harvesting on a SU having **even aged stocking standards** has resulted in partial cutting as a result of:

a) forest health management, or
b) retention of dispersed stems is required to achieve non-timber FRPA management objectives, or
c) where retention of crop trees is required to achieve a result or strategy in the FSP to address an objective set by government,

the deviation from potential (DFP) survey methodology, including tree acceptability criteria, may be used to assess compliance with stocking standards provided:

a) the stratum contains between five (5) and twenty (20) m^2/ha of residual basal area in stems ≥ 12.5 cm dbh, of preferred and/or acceptable species; and
b) the stratum is greater than 1 ha in size; and
c) the SU is not being managed to uneven-aged standards.

Where the DFP survey methodology is used the applicable stocking standard in the CRSS, with regard to preferred and acceptable species, minimum tree heights, minimum inter tree distance, stocking targets, regeneration period and free growing period, continue to apply with the following exceptions:

a) minimum inter tree distance for stems ≥ 12.5 cm dbh is 0.0 m; and,
b) subject to d), trees contributing to the retained basal area must be a preferred or acceptable species in the applicable stocking standard, and
c) trees contributing to stocking targets must be preferred or acceptable species specified in the stocking standard; and,
d) any tree species specifically reserved to address a result or strategy in the FSP will contribute to the measurable basal area on the site.

G4) Intermediate Harvest

Where a stand is harvested consistent with FPPR section 44 (4) or with WLPPR section 34 (3), other than harvesting for the purpose of uneven-aged management, it shall be deemed an intermediate harvest where the harvested stand complies with the conditions specified below for a minimum period of 12 months following the completion of harvesting.

a) greater than 20 m^2 average basal must be retained in trees with a diameter at breast high of ≥ 12.5 cm; and
b) no contiguous area > 2 ha or 10% of the SU area, whichever is less, has a retained basal area less than 20 m^2; and
c) trees contributing to the retained basal area must be the species identified as preferred and acceptable in CRSS; and
d) greater than 50% of the contributing retained basal area must be a preferred tree species as defined in CRSS, if it existed on site prior to harvest; and
e) trees contributing to the retained basal area comply with the attributes defined in *FS 660 - Free growing damage criteria for multi-storey conifer stands*.

If during the 12 months period following the completion of harvesting the conditions specified above are not maintained, the licensee shall hold a free growing obligation on the harvested area and the appropriate stocking standards in CRSS shall be applied.

G5) Uneven Aged Management

Where management objectives clearly state uneven-aged objectives and the silvicultural system for the stand is single tree selection, the uneven-aged stocking standards in CRSS will be applied. Furthermore, if clumped single tree selection silvicultural system is employed, gaps less than 0.1 ha will be included in the assessment area. If group selection is employed and gaps are between 0.1 ha and 1.0 ha, even aged standards are applied to the gaps.

If upon the completion of harvesting a continuous area ≥ 1 ha within the NAR area does not meet the above requirements a separate standards unit will be created, and even-aged stocking standards shall be applied to the area.

G6) Mixed Wood Stocking Standards

A mixed wood stocking standard may only be applied in situations where:

a) the net merchantable cruise volume is greater between 30% and 70% net deciduous; and
b) the merchantable deciduous volume will be utilized; and
c) the pre-harvest objective specified in the site plan is to manage the SU for mixed wood timber values.

Broadleaf forest health free growing criteria are as specified in the *FS660- Silviculture Survey Reference* field card.

Where mixed wood standards are applied, black cottonwood, trembling aspen, and common paper birch trees not tallied as well-spaced or free-growing trees will be considered "competing vegetation" for the purpose of assessing the free growing status of the coniferous crop trees, unless white pine weevil is present, as discussed below.

G7) Broadleaf Stocking Standards

Broadleaf stocking standards may only be applied in situations where:

a) the net merchantable cruise volume is greater than 70% net deciduous; and
b) the merchantable deciduous volume will be utilized; and
c) the pre-harvest objective specified in the site plans is to manage the SU for broadleaf timber value.

Broadleaf forest health free growing criteria are as specified in the *FS660- Silviculture Survey Reference* field card.

G8) Brush Competition

Where required to assess the free growing status of a crop tree the conifer to brush ratio shall be 125% for the ESSF, and MS biogeoclimatic zones, and 150% in the ICH, SBPS and SBS biogeoclimatic zones. In the IDF biogeoclimatic zone, all brush species will be considered non-deleterious for the purposes of the free growing assessments. Use of *Local Geographic Free Growing Competition Assessment Criteria*, Appendix 8 of the Forest Science, Planning, and Practices Branch MoF *Silviculture Survey Procedures Manual* (section 18 of FS660) as amended from time to time is encouraged to account for local variations in growth and competition patterns.

Where specified in the site plan as leave trees, layer one (≥ 12.5 cm dbh), black cottonwood, trembling aspen, and birch trees, retained at the time of harvest are not considered competing vegetation at the time of the free growing assessment of coniferous crop trees.

Black cottonwood, trembling aspen and birch trees, and shrubs species being managed to achieve an objective, result or strategy of the FSP as specified in the site plan, are not considered competing vegetation at the time of free growing evaluation of coniferous crop trees.

Trembling aspen, black cottonwood, birch, willow, and alder are not considered competing brush when conducting a free growing survey within 5 m of S4, S5, and S6 streams and all wetlands greater than 0.25 ha in the ICH and ESSF BEC zones, and within 10 m of S4, S5, and S6 streams, and all wetlands greater than 0.25 ha in all other BEC zones.

Where a brushing treatment has been undertaken, and a visual buffer is required to achieve a result or strategy, trembling aspen, black cottonwood, paper birch, willow and alder will not be considered competing brush when conducting a free growing survey where survey plots fall within the buffer.

For the purposes of free growing assessments in the SBPS BEC zone, scrub birch will be considered non-competing when assessing the free growing status of crop trees.

For areas identified and mapped as root disease polygons, which may include up to a 30m buffer surrounding the area of infection, and due to the risk of increased inoculum levels that may result from a conifer release treatment, for the purpose of assessing the free growing status of a conifer crop tree, all trembling aspen, paper birch, black cottonwood, willow, and alder shall be assessed as non-competing brush.

Where the uneven-aged stocking standard applicable to a site specifies a minimum free growing height of 0.4 m for Douglas-fir, snow berry, soopalallie, common juniper, *Vacinium sp*. saskatoon, birch-leafed spirea, herbaceous vegetation, and grasses are not considered competing vegetation at the time of free growing evaluation of the well-spaced Douglas-fir.

If,

a) there is an active white pine weevil (*Pissodes strobi)* population on the block or an adjacent managed opening as evidenced by the presence of weevil damaged trees, and
b) the spruce trees being assessed are of acceptable form and vigour and meet all other acceptability criteria (i.e., preferred or acceptable species, minimum height, MITD),

then for the purpose of assessing the free growing status of spruce crop trees, all deciduous vegetation shall be assessed as non-competing brush.

G9) Lodgepole Pine Dwarf Mistletoe

In SUs where lodgepole pine is the only preferred species, when assessing the free growing status of a well-spaced lodgepole pine crop tree in regard to its proximity to mistletoe infected over topping pine stems, only stems located within the net area to reforest (NAR) portion of the block being surveyed will be considered overtopping stems. Therefore, well-spaced lodgepole pine trees that do not have visible evidence of mistletoe infection remain eligible as potential free growing trees regardless of their proximity or height relative to visibly infected stems that are located outside of the NAR.

G10) Retained Mistletoe Infected Lodgepole Pine to Address a Result or Strategy

Where lodgepole pine stems are retained consistent with a higher level plan for the purpose of visual screening modelled moose habitat or where specifically required by a result or strategy in the FSP, the free growing damage criteria for even-aged coniferous trees as specified in the FS 660 field card, with regard to dwarf mistletoe, will not apply to retained lodgepole pine and subsequent lodgepole pine regeneration, provided that the portion of the block where pine are

retained as a visual screen or to achieve a result or strategy in the FSP is defined as a unique SU and the dwarf mistletoe is nevertheless reported.

G11) Limitations on the Use of Larch

The use of western larch must be consistent with the *Chief Forester's Standards for Seed Use*, as amended from time to time. (i.e., western larch restricted to 10% of planting program on an annual basis).

Despite western larch being listed as an acceptable species in the CRSS for various biogeoclimatic subzones/site series, western larch shall only be considered an acceptable species where it is established consistent with the LW1 and LW2 seed planning zones and where supported by rationale.

Larch shall not be considered preferred or acceptable in mule deer winter range (MDWR).

G12) Limitations on the Use of White Pine

The use of white pine is restricted to rust resistant seedlots.

Despite white pine's inclusion in a stocking standard, where white pine is planted outside of an "A" Class seed planning zone for white pine the seedlings are considered to be non-compliant with the *Chief Forester's Standard for Seed Use*.

G13) Enhanced Stocking Standards

Enhanced stocking standards contained in the CRSS must be applied where included in the calculation of the silviculture cost estimate and committed to in an Appraisal Data Submission by the obligation holder.

G14) Reforestation in OGMA

Following catastrophic disturbance and where Ecosystems Biologists from the Ministry of Lands, Water, and Resource Stewardship (LWRS) have identified Old Growth Management Areas (OGMA) that require rehabilitation, and where reforestation activities are planned, the following assessment procedures and planning must be followed:

a) No reforestation will occur if there is more than 400 sph of existing natural tree species. However, where tree species identified as important for the OGMA's value by LWRS are not present on site, the area may be planted with those species.
b) All prescriptions must be assessed by LWRS prior to sowing.

c) Historically occurring and natural seed stocks must be selected for reforestation.
d) Species selection must be based on the value that the OGMA is protecting and must be ecologically suitable.
e) All tree species, including deciduous may be considered preferred and preferred species must be chosen based on LWRS direction.
f) The MITD will be 0.5 m to maintain clumpy spacing.
g) Target density will be determined by the LWRS.

G15) Maximum Density Limits at Free Growing

No maximum allowable density limits will be applied on *even-aged* SUs at the time of free growing declaration, unless a maximum density is required to be consistent with GAR/LUO/LUP or a specific objective that favours juvenile spacing as a beneficial treatment.

For SUs to which uneven-aged stocking standards apply, the maximum density of stems in layer 3 is 10,000 stems per hectare.

Cariboo Region Stocking Standards Supporting Document, VARIATIONS FROM GENERAL STANDARDS

A Forest Professional may vary the stocking standard listed in the Cariboo Region Stocking Standards (CRSS) as defined below in the following situations and circumstances:

Variations

V1) Multiple Years to Harvest a Standard Unit 1

V2) Seven Year Regeneration Delay 2

V3) Changes to Milestones Due To Damage Caused By Wildfire 2

V4) Extension to Regeneration Delay Period Required to Reduce Pressure on Seed Supply and Nursery Capacity as a Result of catastrophic disturbance 2

V5) Extension to Regeneration Delay Period When Standards Units with a 4 Year Regen Delay are a Minor Component of the Cut Block 3

V6) Reduced Minimum Inter-tree Distance 3

V7) District Policies That May Apply 4

V8) Conversion of Multi-Story Douglas-fir Stand to Even Aged Management Following a Wildfire 4

V9) Benchmark Grasslands Standards 4

V10) Bighorn Sheep Management Area Standards 4

V11) GAR/LUO/LUP Consistency 4

V12) Variations to Preferred or Acceptable Species 5

V13) Mixed Wood Stocking Standards 6

V14) Broadleaf Stocking Standards 6

V15) BEC Site Series Mosaics 7

V16) Management of Root Disease Sites 7

V17) Intermediate Harvest Standards 7

V18) Uneven Aged Management Required to Achieve a Result of Strategy in the FSP 8

Appendix 1: Current GAR/LUO/LUP variations 9

V1) Multiple Years to Harvest a Standard Unit

Where harvesting occurs over multiple years on a SU with a 4-year regeneration delay, regeneration delay may be extended to 4 years after the start of the last harvest entry to a maximum of 7 years from the initial disturbance date. The late free growing date will be 20 years from the harvest start date of the initial harvest entry.

V2) Seven Year Regeneration Delay

Within three (3) years following harvest commencement, and, where based on a post-harvest field assessment, if a portion of a SU with a 4 year regeneration delay is planned to be regenerated by natural regeneration or direct seeding, the area being managed for natural regeneration or direct seedling may be defined as a separate standards unit with regeneration delay period of 7 years.

V3) Changes to Milestones Due To Damage Caused By Wildfire

Where any portion of a standards unit larger than 1 ha is disturbed by wildfire such that the SU is left **Not Satisfactorily Restocked (NSR)** according to the currently approved stocking standard then:

a) a new disturbance shall be reported for that opening;
b) the NSR portion of the original standards unit may be defined as a new standards unit; and
c) the appropriate stocking standards from CRSS shall apply to the disturbed area with the exception that;
    i. if the Regeneration Delay period has not elapsed, then Regeneration Delay and Free Growing date shall be calculated from the new disturbance date, or
    ii. if the Regeneration Delay period has elapsed, then a new Regeneration Delay period will not apply and only Free Growing date shall be calculated from the new disturbance date.

V4) Extension to Regeneration Delay Period Required to Reduce Pressure on Seed Supply and Nursery Capacity as a Result of catastrophic disturbance

Where, following catastrophic disturbance as declared by the minister, areas managed for natural reforestation may have regeneration delay extended to 9 years when **all** the following conditions are met:

a) A regeneration survey is completed on the site within 6 years of harvest commencement.
b) The average stocking of preferred and acceptable species is greater than 500 well-spaced/ha.
c) The regeneration survey has demonstrated that there are significant numbers of germinants on the site that will contribute to the stocking targets, and
d) The regen delay milestone date is not extended beyond 9 years.

V5) Extension to Regeneration Delay Period When Standards Units with a 4 Year Regen Delay are a Minor Component of the Cut Block

Where a cut block:

a) is located in either the ESSFxv1, ESSFxv2, MSxv, SBPSdc, SBPSmc, SBPSmk or SBPSxc biogeoclimatic subzones, and
b) contains SU's that have a 4 year regeneration delay and 7 years regeneration delay periods, and
c) less than 25 percent (25%) of the NAR area of the cut block has a 4 year regeneration delay period,

all standards units within the block may be managed with a 7 year regen delay period. This variation may not be used where enhanced stocking standards apply.

V6) Reduced Minimum Inter-tree Distance

The minimum inter tree-distance (MITD) for a SU may be varied from the standard defined in CRSS in the following situations and circumstances.

a) Where mechanical site preparation, other than slash piling, has been undertaken to create microsites prior to planting the MITD can be reduced to 1.6m.

b) On slopes >20% in the ESSF BEC zone where protected microsites are critical for successful reforestation due to snow creep, MITD may be reduced to 1.0 m where the SU has been planted to target density or greater.

c) Where based on a silvicultural survey a SU or portion thereof which has previously been planted has failed to maintain minimum stocking densities, due to the impacts of cattle or horses, the affected area maybe designated as a separate SU. In the newly designated SU, the MITD may be reduced to 1.0 m after fill planting is completed.

d) For areas that are identified and mapped as a root disease polygon, which may include up to a 30 m buffer, a separate SU may be created and the MITD may be reduced to 1.6 m where a stump avoidance strategy is employed to manage root disease.

e) Where salvage harvesting has been undertaken in the IDF biogeoclimatic zone following a stand initiating wildfire, which is defined as having a level of disturbance such that the stand is NSR prior to salvage harvesting, and where the objective is to restore Douglas-fir and even-aged management is required, the MITD for Douglas-fir may be reduced to 0.5 m. The reduced MITD shall apply to the distance between natural or planted Douglas-fir stems and any other preferred or acceptable crop tree species. The MITD between non-Douglas-fir crop trees species (e.g., pine to pine) remains as specified in CRSS.

f) On rocky sites where a plantability survey has determined that the target stocking cannot be achieved due to the presence of rock when assessed at the applicable MITD, the MITD may be reduced to 1.6 m.

V7) District Policies That May Apply

Unless otherwise specified, where a District approves a policy that varies the standards or procedure described in the *Forest Science, Planning, and Practices Branch, Silviculture Survey Procedures Manual*, the policy may be applied in the applicable District at the discretion of the obligation holder.

V8) Conversion of Multi-Story Douglas-fir Stand to Even Aged Management Following a Wildfire

Where a SU or a portion thereof is impacted by a wildfire to the extent that the unit is no longer suitable for surveying under the multi-storey survey methodology as outlined in Section 9 of the manual, as amended from time to time, the impacted portion shall be defined as a separate SU and even-aged stocking standards shall be applied to the area.

V9) Benchmark Grasslands Standards

Areas harvested within the identified Cariboo-Chilcotin Grassland Strategy benchmark area shall have no regeneration or free growing obligation.

V10) Bighorn Sheep Management Area Standards

For SUs located within the identified Churn Creek Big Horn Sheep Migration Corridor stocking standards may be varied to the extent recommended in writing by a Provincial Habitat Biologist.

V11) GAR/LUO/LUP Consistency

Where stocking standards conflict with the management objectives/direction of an Order under the Government Action Regulation (GAR), or under a Land Use Objective, the stocking standards will be varied to the extent that they no longer conflict with management objectives/direction of the applicable Order and as specified in their FSP.

It is necessary that the obligation holder is consistent with all requirements specified in the GAR Orders. Orders under the GAR, Land Use Objectives and higher-level Land Use Plans, as amended or added from time to time, supersede CRSS stocking standards including variations.

Current objectives/direction are outlined below in appendix 1, including how CRSS is varied in each circumstance and to assist with assessments where varied stocking standards may not be explicit.

When operating in WHA 5-037 through 5-042, and where consistent with a result and/or strategy in an FSP, and prescribed in a site plan pre-harvest, a clumped tree distribution is required for the management of grizzly bear habitat, the target density, minimum preferred and acceptable and minimum preferred values in the stocking standards in CRSS shall be modified by the factors of 0.67. For example, a stocking standard of 1000/500/400 shall become 670/335/268. The minimum intertree distance shall be 1.0 m and maximum density of countable conifers shall be 4,000/ha.
The site plan must prescribe the number of trees in a cluster, the number of clusters/hectare and the spacing between clusters. Plant communities and cover must be protected.

V12) Variations to Preferred or Acceptable Species

The preferred and/or acceptable species in the stocking standards in CRSS may be varied to the extent specified below in the following situation and circumstances.

a) Where greater than 10% of the total merchantable volume on the area of a SU, based on a timber cruise, is of a conifer species not identified in the approved stocking standards, that species may be designated an acceptable species where it is ecologically suitable.

b) Where prior to harvest lodgepole pine is greater than 50% of the total merchantable volume and where the risk of damage from forest health factors is low, lodgepole pine can be designated as a preferred species in the following biogeoclimatic subzone/site series:
    i. ESSFdc2/111
    ii. ESSFxc/07
    iii. ICHmk3/04
    iv. IDF mw2/01 and 03
    v. IDFxm/06, 07 and /08

V13) Mixed Wood Stocking Standards

Where mixed wood stocking standards are applied as outlined in the *G7)Mixed Wood Stocking Standards, Cariboo Region Stocking Standards Supporting Document, General Assessment Procedures*, the applicable stocking standard in CRSS for a SU shall be converted to a mixed wood stocking standard based on Table 1. Broadleaf species contained in a mixed wood stocking standard shall be considered preferred species.

Table 1: *Conversion Table for Conifer Standards to Mixed Wood Standards*

Target from Conifer Standards	Species	Target Stocking (well-spaced/ha)	Minimum Stocking Standards (well-spaced/ha)			Minimum Height at Free Growing (m)		Regen Delay (yrs)	Latest Free Growing (yrs)
			Min. Preferred & Acceptable	Min. Preferred	Min. Preferred Conifers	Dec.	Con.		
400	As defined by a productive, reliable and feasible regeneration option (footnote "a") in Reference Guide for FDP Stocking Standards	400	200	200	200	2.0	From CRSS for applicable site series	7	20
600		800	500	400	400	2.0		7	20
1000		1200	700	600	400	2.0		7	20
1200		1600	1000	800	600	2.0		7	20

V14) Broadleaf Stocking Standards

Where broadleaf stocking standards are applied as outlined in the *G8) Broadleaf Stocking Standards, Cariboo Region Stocking Standards Supporting Document, General Assessment Procedures*, the applicable stocking standard in CRSS for a SU shall be converted to a broadleaf stocking standard based on Table 2. Broadleaf species contained in a broadleaf stocking standard shall be considered preferred species.

Table 2: *Conversion Table for Conifer Standards to Broadleaf Standards*

Target from Conifer Standards	Species	Target Stocking (well-spaced/ha)	Minimum Stocking Standards (well-spaced/ha)			Minimum Height at Free Growing (m)		Regen Delay (yrs)	Latest Free Growing (yrs)
			Min. Preferred & Acceptable	Min. Preferred	Min. Conifers	Dec.	Con.		
400	As defined by a productive, reliable and feasible regeneration option (footnote "a") in Reference Guide for FDP Stocking Standards	600	400	400	n/a	2.0	From CRSS for applicable site series	7	20
600		1000	500	400	n/a	2.0		7	20
1000		1600	1000	800	n/a	2.0		7	20
1200		2000	1200	1000	n/a	2.0		7	20

V15) BEC Site Series Mosaics

Where an area consists of a mosaic of two or more biogeoclimatic site series, which cannot be clearly delineated or mapped (i.e., site series are less than one contiguous hectare in size), the stocking standard that applies to the area is the stocking standard for the dominate site series. The applied stocking standard may be varied such that a preferred species from the applicable stocking standard for either site series may be considered a preferred species and an acceptable species from the applicable stocking standard for either site series may be considered an acceptable species.

V16) Management of Root Disease Sites

For standard units that consist solely of areas that are identified and mapped as a root disease polygon, which may include up to a 30m buffer surrounding the area of infection, an alternate ecologically suitable, commercially valuable species that are moderately susceptible, tolerant, or immune may be specified as preferred and/or acceptable to maximize species diversity on site at the time of planting.

V17) Intermediate Harvest Standards

Where harvesting is deemed to be an intermediate harvest, as per clause G4) *Intermediate Harvest* of the Cariboo Region Stocking Standards Supporting Document, General Assessment Procedures, the applicable even-aged stocking standard in CRSS may be varied such that:

a) there shall be no regeneration objective, and
b) the minimum basal area retention targets of trees with dbh >12.5 cm shall be set at $20m^2$/ha or greater.

V18) Uneven Aged Management Required to Achieve a Result of Strategy in the FSP

Where required to achieve a result or strategy in the FSP a Douglas-fir leading stand with at least three canopy layers present post-harvest as defined by the *Forest Science, Planning and Practices Branch, Silviculture Survey Procedures Manual* may be managed for uneven-aged stand structure. The stocking standard that shall apply will be the applicable even-aged stocking standard modified consistent with Table 3 below, based on biogeoclimatic subzone and site series from CRSS.

Table 3 *Stocking Standard Conversion Table*

Target Stocking from CRSS standards (stems/ha)	**Layer**	**Target Stocking** (well-spaced/ha)	**Minimum Stocking (P+A)** (well-spaced/ha)	**Minimum Stocking (P)** (well-spaced/ha)
1200	1	600	300	250
	2	800	400	300
	3	1000	500	400
	4	1200	700	600
1000	1	400	200	200
	2	600	300	250
	3	800	400	300
	4	1000	500	400
800	1	300	150	150
	2	400	200	200
	3	600	300	300
	4	800	400	400
600	1	300	150	150
	2	400	200	200
	3	500	300	300
	4	600	400	400
400	1	200	100	100
	2	300	125	125
	3	300	150	150
	4	400	200	200

Appendix 1: Current GAR/LUO/LUP variations

GAR ORDERS/ CCLUP **OBJECTIVES,** **CARIBOO REGION**	**UNGULATE WINTER RANGE** Mule deer (MDWR)
	Visual Quality Objective Map Land Use Objective under CCLUP
	Wildlife Habitat Areas Pelican Grizzly Bear Badger Caribou, Northern Caribou, Southern
	Fisheries Sensitive Watersheds: Horsefly R.

UWR:
a) MDWR

Within all mule deer winter range units, Douglas-fir may be considered a preferred species for the purposes of the stocking standards in addition to the species listed in the stocking standards in CRSS.

MDWR is spatially identified and GAR Orders specify either a) single tree selection with basal area retention targets or b) group selection with opening size and cutting cycle specifications. To determine if a Standards Unit is in MDWR, refer to map.
Where single-tree selection silvicultural system is practiced, reference the GAR Order (GVM 1) for:
Shallow & Moderate
Where group selection is practiced, reference the GAR Order (GVM 9) for:
Transition & Deep
Reference the CCLUP strategies for more management information:
Shallow and Moderate
Transition and Deep
The only condition where both Orders do not apply is on sub-hygric sites with less than 40% Douglas-fir.

When assessing a standards unit in MDWR, refer to Table 1. Firstly, identify what BGC the unit is in. Secondly, identify how the current stocking standards support the GAR Order, see links above. Thirdly, collect the information necessary to assess if the GWMs are being met, such as percent Douglas-fir.

Table1: Stocking Standards for each biogeoclimatic subzone and the appropriate mule deer winter range strategy to reference.

BGC	Current Stocking Standards	MDWR Strategy
BGxh3 BGxw2	**None**	Shallow snowpack zone Shallow snowpack zone
ESSFxv1 (45 ha) ESSFwk1 (0.5ha) MSxv 500 ha	**Fd present only on steep frost free slopes**	Transition snowpack zone.
ESSFxc 93 ha MSdc2 1950 ha SBPSdc SBPSxc SBSwk1	**Fd on dry sites**	Transition snowpack zone Moderate snowpack zone Deep snowpack zone
SBSmm 230 ha	**Fd acceptable**	
ICHdk ICHmk3 ICHwk2 ICHwk4 IDFdk3 IDFdk4 IDFxw SBPSmk SBSdw1 SBSdw2 SBSmc1 SBSmh SBSmw	**Fd Preferred with other preferred species**	Deep snowpack zone Deep snowpack zone Deep snowpack zone Deep snowpack zone Moderate snowpack zone Moderate snowpack zone Shallow snowpack zone Transition snowpack zone Transition snowpack zone Transition snowpack zone Deep snowpack zone Moderate & Transition snowpack zone. Location dependent - south of Quesnel Moderate; north and east of Quesnel transition Deep snowpack zone
IDFxm	**Only Fd Preferred**	Shallow snowpack zone

b) Mountain Caribou Ungulate Winter Range (NE DQU only)
The Mountain Caribou LUO GWM 3b, there may be sanitation constraints that may be affected by silviculture activities.

VQO
c) Visual Quality Objectives
Consider species that are suited to the landscape when working in visually sensitive areas, under Visual Quality Objectives. VQOs must be considered when prioritizing reforestation efforts following natural disturbance.

WHA:
d) Pelican
Motorized vehicle restrictions apply to silviculture activities from April through August. Stocking standards are not affected.

e) Grizzly Bear (GAR and CCLUP)
No roads, trails, or landings may be constructed. In order to aide activities to protect forest cover and plant communities, stocking standards may be adjusted as per approved variation 8. Pesticides may not be used.

f) Badger
Retention targets are set in Badger habitat and TSS must be less than 75 sph. No pesticides or herbicides may be used in Badger habitat.

g) Caribou, Northern
Stocking specifications are outlines in Table 2 of the order.
The habitat is divided into 5 Wildlife Habitat Areas (WHA) where there are specific General Wildlife Measures (GWM).
GWM 12 (i) for WHA 5-86: No mechanical site preparation except on subhygric or wetter ecosystems
GWM 12 (ii) for WHA 5-86, 72, 73: Follow table 2 for stocking standards
GWM 12 (iv) for all WHAs: a minimum inter-tree distance is prescribed by site series
GWM 13 WHA 5-86: dwarf mistletoe management is not required.
Further guidance is found in the CCLUP Northern Caribou Strategy

h) Caribou, Southern Mountain
GWM 1 (vii): Must regenerate or retain the preharvest proportion of true firs (*Abies*) to spruce and a clumpy distribution of stems. Meeting these proportions at the time of planting will be considered adequate. Lodgepole pine must not be planted.
Further Guidance is found in the CCLUP Mountain Caribou strategy

i) Fisheries Sensitive Watersheds: Horsefly R.
Primarily focused on runoff management. Prompt reforestation is recommended.