

BECv11 - Rocky Mountain Natural Resource District Stocking Standards

ROCKY MT	NAME	BGC		Regeneration							Free Growing					
STOCKING		Classification		Species		Stocking(i)			Min	Regen	Min. Height		Tree Ht to	Post Spacing		
STANDARD		Zone/SZ	Series	Conifer		Target	MIN	pa	MIN	p	Intertree	Delay	Species	Ht	Brush	Max Range
ID #				Preferred (p)	Acceptable (a)	(well-spaced/ha)			Distance	(Max yrs)		(m)	(min%)	(sph)		
1062159	UWROF1	ESSFdk1	101	PI Sx Bl ^{201,208}	Fd ^{14,203} Lw ^{14,203}	1200	700	600	2.0	7	PI,Lw	1.6	125	3000-4000		
											Fd	1.0				
											Others	0.8				
1062160		ESSFdk1	102	Fd ^{9,14} PI Pa ²⁰¹ Pf ²⁰¹	Sx Bl ²⁰⁸	1000	500	400	2.0	7	PI,Lw	1.2	125	3000-4000		
											Fd	0.8				
											Others	0.6				
1062161		ESSFdk1	102	Fd ^{9,14} PI Pa ²⁰¹ Pf ²⁰¹	Sx Bl ²⁰⁸	U8	76 ^{U10}	U20	2.0 ⁷⁴	-	PI,Lw	1.2	125	400 ^{U14}		
										Fd	0.8					
										Others	0.6					
1062162		ESSFdk1	103	PI Fd ^{9,14,203} Sx Lw ^{9,14,203} Pa ²⁰¹	Bl ²⁰⁸	1000	500	400	2.0	7	PI,Lw	1.6	125	3000-4000		
										Fd	1.0					
											Others	0.8				
1062163		ESSFdk1	104	PI Fd ^{9,14,203} Lw ^{9,14,203} Sx Bl ^{201,208}	Pa	1200	700	600	2.0	7	PI,Lw	1.6	125	3000-4000		
											Others	0.8				
1062164		ESSFdk1	110	Bl ^{201,208} Sx ³²	PI	1200	700	600	2.0	4	PI	1.6	125	3000-4000		
											Others	0.8				
1062165		ESSFdk1	111	Bl ^{1,32,201,208} Sx ^{1,32}		1200	700	600	2.0	4	Others	0.8	125	3000-4000		
1062166	UWROF2	ESSFdk2	101	PI Sx Bl ^{201,208}	Fd ^{14,203} Lw ^{14,16,203} Pa	1200	700	600	2.0	7	PI,Lw	1.6	125	3000-4000		
											Fd	1.0				
											Others	0.8				
1062167		ESSFdk2	102	Fd ^{9,14} PI Pa ²⁰¹ Pf ²⁰¹	Bl ²⁰⁸ Lw ^{9,14,16,203}	1000	500	400	2.0	7	PI,Lw	1.2	125	3000-4000		
											Fd	0.8				
										Others	0.6					
1062168		ESSFdk2	102	Fd ^{9,14} PI Pa ²⁰¹ Pf ²⁰¹	Bl ²⁰⁸ Lw ^{9,14,16,203}	U8	76 ^{U10}	U20	2.0 ⁷⁴	-	PI,Lw	1.2	125	400 ^{U14}		
											Fd	0.8				
											Others	0.6				
1062169		ESSFdk2	103	PI Fd ^{9,14} Lw ^{9,14,16,203} Sx Pa ²⁰¹	Bl ²⁰⁸	1000	500	400	2.0	7	PI,Lw	1.6	125	3000-4000		
											Fd	1.0				
											Others	0.8				

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ID #				Preferred (p)	Acceptable (a)	(well-spaced/ha)	Distance	(Max yrs)	(m)						
1062170		ESSFdk2	104	Pl Fd ^{9,14} Lw ^{9,14,16,203} Sx ²⁰¹ Pa ²⁰¹	Bl ²⁰⁸	1200	700	600	2.0	7	Pl,Lw Fd Others	1.6 1.0 0.8	125	3000-4000	
1062171		ESSFdk2	110	Bl ^{201,208} Sx		1200	700	600	2.0	4	All	0.8	125	3000-4000	
1062172		ESSFdk2	111	Bl ^{32,201,208} Sx ³²		1200	700	600	2.0	4	All	0.8	125	3000-4000	
1062173		ESSFdk2	112	Bl ^{1,32,201,208} Sx ^{1,32}		1200	700	600	2.0	4	All	0.8	125	3000-4000	
1062174		ESSFdkw	101	Sx Bl ²⁰⁸		1200	700	600	2.0	4	All	0.8	125	3000-4000	
1062175		ESSFdkw	102	Sx Bl ²⁰⁸	La Pa	1000	500	400	2.0	4	All	0.8	125	3000-4000	
1062176		ESSFdkw	103	Pa ²⁰¹ Sx Bl ²⁰⁸	La	1200	700	600	2.0	4	All	0.8	125	3000-4000	
1062177		ESSFdkw	110	Sx Bl ²⁰⁸		1000	500	400	2.0	4	All	0.8	125	3000-4000	
1062178		ESSFwm1	101	Sx Bl ^{201,208}	Pl ³⁴	1200	700	600	2.0	4	Pl Others	2.0 0.8	125	3000-4000	
1062179		ESSFwm1	102	Fd ¹⁴ Sx Pa ²⁰¹	Pl Bl ²⁰⁸	1000	500	400	2.0	7	Pl Others	1.6 0.8	125	3000-4000	
1062180		ESSFwm1	103	Bl ^{201,208} Sx Fd ^{9,14,203} Lw ^{9,14,203} Pa ^{10,13,201}	Pl ²⁰⁰	1200	700	600	2.0	4	Pl,Lw Fd Others	2.0 1.0 0.8	125	3000-4000	
1062181		ESSFwm1	104	Sx Bl ^{201,208}	Pl ²⁰⁰	1200	700	600	2.0	4	Pl Others	2.0 0.8	125	3000-4000	
1062182		ESSFwm1	110	Sx Bl ^{201,208}		1200	700	600	2.0	4	All	0.8	125	3000-4000	
1062183		ESSFwm1	111	Sx Bl ^{201,208}		1200	700	600	2.0	4	All	0.8	125	3000-4000	
1062184		ESSFwm1	112	Sx Bl ^{201,208}		1200	700	600	2.0	4	All	0.8	125	3000-4000	

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STANDARD		Zone/SZ	Series	Conifer		Target	MIN pa	MIN p	Intertree	Delay	Species	Ht	Brush	Max Range
ID #				Preferred (p)	Acceptable (a)	(well-spaced/ha)	Distance	(Max yrs)						
1062185		ESSFwm2**	101	Bl ^{201,208} Sx	Pl ³⁴	1200	700	600	2.0	4	Pl	1.6	125	3000-4000
1062186		ESSFwm2**	102	Pa ²⁰¹ Sx	La ¹⁰ Pl ³⁴ Bl ²⁰⁸	1000	500	400	2.0	7	Pl	1.2	125	3000-4000
1062187		ESSFwm2**	103	Sx Pa ²⁰¹ Pl ³⁴	Bl ²⁰⁸	1200	700	600	2.0	7	Pl	1.6	125	3000-4000
1062188		ESSFwm2**	104	Bl ^{201,208} Sx	Pa Pl ³⁴	1200	700	600	2.0	7	Pl	1.6	125	3000-4000
1062189		ESSFwm2**	110	Bl ²⁰⁸ Sx		1200	700	600	2.0	4	Others	0.8		
1062190		ESSFwm2**	111	Bl ^{32,208} Sx ³²		1200	700	600	2.0	4	All	0.8	125	3000-4000
1062191		ESSFwm2**	112	Bl ^{1,32,202} Sx ^{1,32}		1000	500	400	2.0	4	All	0.8	125	3000-4000
1062192		ESSFwm4**	101	Bl ^{201,208} Hw ^{14,201} Sx	Pl ³⁴ Lw ¹⁴ Fd ¹⁴	1200	700	600	2.0	4	Pl,Lw	2.0	125	3000-4000
1062193		ESSFwm4**	102	Lw ¹⁴ Fd ¹⁴ Pa ^{13,201} Pl Sx ¹³	Bl ²⁰⁸	1000	500	400	2.0	4	Fd	1.4		
1062194		ESSFwm4**	103	Sx Pl ³⁴ Fd ^{9,14} Lw ^{9,14}	Bl ²⁰⁸ Hw ¹⁴	1200	700	600	2.0	4	Others	1.0		
1062195		ESSFwm4**	110	Bl ^{32,208} Sx ³²	Hw ¹⁴ Cw ¹⁴	1200	700	600	2.0	4	Pl,Lw	2.0	125	3000-4000
1062196		ESSFwm4**	111	Bl ^{1,32,208} Sx ^{1,32}		1000	500	400	2.0	4	Fd	1.4		
											Others	0.8		
											Pl,Lw	2.0	125	3000-4000
											Fd	1.4		
											Others	1.0		
											All	1.0	125	3000-4000
											All	0.8	125	3000-4000

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		Zone/SZ	Series	Conifer		Target	MIN	pa	MIN	p	Intertree	Delay	Species	Ht	Brush	Max Range
				Preferred (p)	Acceptable (a)	(well-spaced/ha)			Distance	(Max yrs)						
ID #																
1062197		ESSFwh2**	101	Bl ^{201,208} Hw ^{9,14,201} Sx	Pl ³⁴ Fd ^{9,14} Lw ^{9,14} Pw ^{9,14,31} Cw ^{9,14,32}	1200	700	600	2.0	4	Pl,Lw, Pw Fd Others	2.0 1.4 1.0	125		3000-4000	
1062198		ESSFwh2**	102	Sx Pl ³⁴ Fd ¹⁴	Bl ²⁰⁸ Pa ¹³	1000	500	400	2.0	7	Pl Fd Others	1.6 1.2 0.8	125		3000-4000	
1062199		ESSFwh2**	103	Pl ³⁴ Sx Fd ¹⁴ Lw ¹⁴	Bl ²⁰⁸ Pa ¹³ Pw ^{14,31}	1200	700	600	2.0	7	Pl,Lw, Pw Fd Others	2.0 1.4 1.0	125		3000-4000	
1062200		ESSFwh2**	104	Sx Cw ^{14,201} Fd ^{9,14,201} Lw ^{9,14,201}	Bl ²⁰⁸ Pl ³⁴ Pw ^{9,14,31} Hw ^{9,14}	1200	700	600	2.0	4	Pl,Lw, Pw Fd Others	2.0 1.4 1.0	125		3000-4000	
1062201		ESSFwh2**	110	Bl ²⁰⁸ Sx	Hw ^{14,32} Cw ^{14,32}	1200	700	600	2.0	4	All	1.0	125		3000-4000	
1062202		ESSFwh2**	111	Bl ²⁰⁸ Sx	Hw ^{14,32} Cw ^{14,32}	1200	700	600	2.0	4	All	1.0	125		3000-4000	
1062203		ESSFwh2**	112	Bl ^{1,32,208} Sx ^{1,32}	Hw ^{1,32}	1000	500	400	2.0	4	All	0.8	125		3000-4000	
1062204		ESSFmm3	101	Sx Bl ^{201,208}	Pl ³⁴	1200	700	600	2.0	4	Pl Others	1.6 0.8	125		3000-4000	
1062205		ESSFmm3	102	Fd ^{9,14} Pl Pa ²⁰¹	Sx Bl ²⁰⁸	1000	500	400	2.0	7	Pl Fd Others	1.2 0.8 0.6	125		3000-4000	
1062206		ESSFmm3	103	Fd ¹⁴ Sx Pa ²⁰¹	Pl Bl ²⁰⁸	1000	500	400	2.0	7	Pl,Lw Fd Others	1.6 1.0 0.8	125		3000-4000	
1062207		ESSFmm3	104	Bl ^{201,208} Sx	Pa Pl ³⁴	1200	700	600	2.0	7	Pl Others	1.6 0.8	125		3000-4000	
1062208		ESSFmm3	110	Bl ²⁰⁸ Sx		1200	700	600	2.0	4	All	0.8	125		3000-4000	
1062209		ESSFmm3	111	Bl ^{32,208} Sx ³²		1200	700	600	2.0	4	All	0.8	125		3000-4000	
1062210		ESSFmm3	112	Bl ^{1,32,208} Sx ^{1,32}		1000	500	400	2.0	4	All	0.8	125		3000-4000	

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STANDARD		Zone/SZ	Series	Conifer		Target	MIN	pa	MIN	p	Intertree	Delay	Species	Ht	Brush	Max Range
ID #				Preferred (p)	Acceptable (a)	(well-spaced/ha)			Distance	(Max yrs)		(m)	(min%)	(sph)		
1062211	MF UWROF3	ICHmk4	101	Cw Fd ⁵⁸ Lw Sx ^{10,13}	Pl ²⁰⁰ Bl ^{10,13,208}	1200	700	600	2.0	7	Pl,Lw Fd Others	2.0 1.4 1.0	150	3000-4000		
1062363		ICHmk4	102a	Fd	Pl Lw	600	400	400	2.0	7	Pl,Lw Fd	1.4 1.0	150	3000-4000		
1062212		ICHmk4	102a	Fd	Pl Lw	U8 76 ^{U10} U20	2.0	74	-	Pl,Lw Fd	1.4 1.0	150	400 ^{U14}			
1062213		ICHmk4	102b	Fd Lw	Pl	800	400	400	2.0	7	Pl,Lw Fd	1.4 1.0	150	3000-4000		
1062214		ICHmk4	103	Fd ⁵⁸ Lw Sx ^{10,13}	Pl ²⁰⁰ Bl ^{10,13,208}	1200	700	600	2.0	7	Pl,Lw Fd Others	2.0 1.4 1.0	150	3000-4000		
1062215		ICHmk4	110	Cw Sx	Bl ^{10,13,208} Lw ¹ Fd ¹	1200	700	600	2.0	7	Lw Fd Others	2.0 1.4 1.0	150	3000-4000		
1062216		ICHmk4	111	Cw Sx	Bl ²⁰⁸	1200	700	600	2.0	7	All	1.0	150	3000-4000		
1062217		ICHmk4	112	Sx ¹	Bl ^{1,208} Cw ³²	1000	500	400	2.0	7	All	0.8	150	3000-4000		
1062218	UWROF4	ICHmk5	101	Cw Fd ⁵⁸ Lw ¹⁶ Sx	Pl ²⁰⁰ Bl ^{10,13,208}	1200	700	600	2.0	7	Pl,Lw Fd Others	2.0 1.4 1.0	150	3000-4000		
1062219		ICHmk5	102	Fd	Pl	U8 76 ^{U10} U20	2.0	74	-	Pl Fd	1.4 1.0	150	400 ^{U14}			
1062220		ICHmk5	102	Fd	Pl	800	400	400	2.0	7	Pl Fd	1.4 1.0	150	3000-4000		
1062221		ICHmk5	103	Fd Lw ¹⁶	Pl	800	400	400	2.0	7	Pl, Lw Fd	1.4 1.0	150	3000-4000		
1062222		ICHmk5	104	Fd ⁵⁸ Lw ¹⁶ Sx ^{10,13}	Pl ²⁰⁰ Bl ^{10,13,208}	1200	700	600	2.0	7	Pl, Lw Fd Others	1.4 1.0 0.8	150	3000-4000		
1062223		ICHmk5	110	Cw Sx	Bl ^{10,13,208} Lw ¹ Fd ¹	1200	700	600	2.0	7	Lw Fd Others	2.0 1.4 1.0	150	3000-4000		
1062224		ICHmk5	111	Sx	Bl ²⁰⁸ Fd ¹	1200	700	600	2.0	7	All	1.0	150	3000-4000		
1062225		ICHmk5	112	Sx ¹	Bl ^{1,208} Cw ³²	1000	500	400	2.0	7	All	0.8	150	3000-4000		

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STANDARD		Zone/SZ	Series	Conifer			Target	MIN	pa	MIN	p	Intertree	Delay	Species	Ht	Brush	Max Range			
ID #				Preferred (p)			Acceptable (a)			(well-spaced/ha)			Distance					(Max yrs)	(m)	(min%)
1062226	UWROF5	ICHmw2**	101	Fd ⁵⁸	Lw	Cw	Hw ²⁰¹	Pw ³¹	Bl ^{10,13,208}	Sx ^{10,13}	1200	700	600	2.0	4	Lw,Pw	2.0	150	3000-4000	
1062227		ICHmw2**	102	Fd Pl			Lw Py ^{9,14,203}			U ⁸	76 ^{U10}	U ²⁰	2.0 ⁷⁴	-	Pl, Lw	1.4	150	400 ^{U14}		
1062228		ICHmw2**	102	Fd Pl			Lw Py ^{9,14,203}			1000	500	400	2.0	7	Pl, Lw	1.0				
1062229		ICHmw2**	103	Fd Lw			Pl ²⁰⁰ Pw ³¹ Cw ¹³ Py ^{9,14,203}			1000	500	400	2.0	7	Fd	0.8				
1062230		ICHmw2**	104	Cw ^{10,201}	Fd ⁵⁸	Lw	Pw ³¹	Pl	Hw	Py ^{9,14,203}	Sx ^{10,13}	1200	700	600	2.0	7	Others	1.0		
1062231		ICHmw2**	110	Cw	Hw ²⁰¹	Fd ^{1,14,32,58}	Lw ^{1,14,32}	Pw ³¹	Sx ^{10,13,201}			1200	700	600	2.0	4	Lw,Pw	2.0	150	3000-4000
1062232		ICHmw2**	111	Cw ³²	Pw ^{1,31}	Sx	Fd ^{1,14,32,58}	Hw ³²	Lw ^{1,14,32}			1200	700	600	2.0	4	Fd	1.4		
1062233		ICHmw2**	112	Sx	Cw ^{1,32}		Hw ^{1,32}	Bl ²⁰²				1200	700	600	2.0	4	Others	1.0		
1062234		ICHmw2**	113	Cw ^{1,32}	Sx ¹		Bl ^{1,208}	Hw ^{1,32}				1000	500	400	2.0	4	All	1.0	150	3000-4000
1062235		ICHmw2**	114	Cw ^{1,32}	Sx ¹		Bl ^{1,208}	Hw ^{1,32}				1000	500	400	2.0	4	All	0.8	150	3000-4000

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ID #				Preferred (p)	Acceptable (a)	(well-spaced/ha)				Distance	(Max yrs)		(m)	(min%)	(sph)	
1062236	UWROF6	ICHdw1**	101	Cw ¹⁰ Fd ⁵⁸ Lw Pw ³¹	Pl ¹³ Bg Hw Py ^{9,14}	1200	700	600	2.0	7	Pl,Lw, Pw Fd Others	2.0 1.4 1.0	150	3000-4000		
1062237		ICHdw1**	102	Fd Py	Lw Pl ¹³	U8	76 ^{U10}	U20	2.0 ⁷⁴	-	Pl,Lw Fd Others	1.4 1.0 0.8	150	400 ^{U14}		
1062238		ICHdw1**	102	Fd Py	Lw Pl ¹³	800	400	400	2.0	7	Pl,Lw Fd Others	1.4 1.0 0.8	150	3000-4000		
1062239		ICHdw1**	103	Fd Lw Py	Pl ¹³ Pw ³¹	1000	500	400	2.0	7	Pl,Lw, Pw Fd Others	1.4 1.0 0.8	150	3000-4000		
1062240		ICHdw1**	104	Fd ⁵⁸ Lw Py ^{9,203} Pw ³¹	Bg Pl Cw ^{10,204}	1200	700	600	2.0	7	Pl,Lw, Pw Fd Others	2.0 1.4 1.0	150	3000-4000		
1062241		ICHdw1**	110	Cw Fd ^{1,32,58} Lw ^{1,32,201} Pw ³¹ Hw ²⁰¹	Bg Sx	1200	700	600	2.0	4	Lw,Pw Fd Others	2.0 1.4 1.0	150	3000-4000		
1062242		ICHdw1**	111	Cw Pw ^{1,31} Sx	Bg Fd ^{1,32} Hw Lw ^{1,32}	1200	700	600	2.0	4	Lw,Pw Fd Others	2.0 1.4 1.0	150	3000-4000		
1062243		ICHdw1**	112	Sx ¹ Cw ^{1,32}	Hw ^{1,32} Pw ³¹	1000	500	400	2.0	4	Pw Others	1.4 0.8	150	3000-4000		
1062244		ICHdw1**	113	Sx ¹ Cw ^{1,32}	Hw ^{1,32}	1000	500	400	2.0	4	All	0.8	150	3000-4000		

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		Zone/SZ	Series	Conifer		Target	MIN pa	MIN p	Intertree	Delay	Species	Ht	Brush	Max Range
				Preferred (p)	Acceptable (a)								(min%)	(sph)
1062245	UWROF7	ICHdm**	101	Cw Fd ⁵⁸ Lw Sx Pw ³¹	Pl Hw Bl ²⁰⁸ Bg ¹⁴	1200	700	600	2.0	4	Pl, Lw, Pw Fd Others	2.0 1.4 1.0	150	3000-4000
1062246		ICHdm**	102	Fd ⁵⁸ Lw Pl	Py ^{9,14,203}	U8	76 ^{U10}	U20	2.0 ⁷⁴	-	Pl, Lw Fd Others	1.4 1.0 0.8	150	400 ^{U14}
1062247		ICHdm**	103	Fd ⁵⁸ Lw Pl	Pw ³¹ Sx Bl ^{10,13,208} Bg ¹⁴	1200	700	600	2.0	7	Pl, Lw, Pw Fd Others	2.0 1.4 1.0	150	3000-4000
1062248		ICHdm**	110	Cw Fd ^{1,14,32,58} Lw ^{1,14,32,201} Pw ³¹ Sx	Bl ^{12,13,208} Hw Bg ¹⁴	1200	700	600	2.0	4	Pl, Lw, Pw Fd Others	2.0 1.4 1.0	150	3000-4000
1062249		ICHdm**	111	Cw ^{1,32} Sx	Bl ^{12,13,208} Hw	1200	700	600	2.0	4	All	1.0	150	3000-4000
1062250		ICHdm**	112	Sx ¹	Cw ^{1,32} Hw ^{1,32} Bl ^{1,208}	1000	500	400	2.0	4	All	0.8	150	3000-4000
1062251	Low DSG1	MSdk	101	Fd ³² Lw ^{16,32,203} Sx	Pl ²⁰⁰	1200	700	600	2.0	7	Pl, Lw Fd Others	1.4 1.0 0.8	125	3000-4000
TBD	M/HDSG1 (Enh Basic)	MSdk	101	Fd ³² Lw ^{16,32,203} Sx	Pl	TBD					Pl, Lw Fd Others	1.4 1.0 0.8	125	3000-4000
1062364	MF	MSdk	102	Fd Py ^{14,203} Pf ²⁰¹	Pl	600	400	400	2.0	7	Pl Fd Others	1.4 0.8 0.6	125	3000-4000
1062252	UWROR1	MSdk	102	Fd Py ^{14,203} Pf ²⁰¹	Pl	U9	U10	U20	2.0 ⁷⁴	-	Pl Fd Others	1.4 0.8 0.6	125	75 ^{U14}
1062253		MSdk	103	Fd Lw ^{14,16,203} Py ^{14,203}	Pl Sx ^{10,13}	1000	500	400	2.0	7	Pl, Lw Fd Others	1.4 0.8 0.6	125	3000-4000
1062254	UWROF8	MSdk	103 ^{U17}	Fd Lw ^{14,16,203} Py ^{14,203}	Pl Sx ^{10,13}	U8	76 ^{U10}	U20	2.0 ⁷⁴	-	Pl, Lw Fd Others	1.4 0.8 0.6	125	400 ^{U14}
1062255		MSdk	104	Sx Pl	Bl ²⁰⁸	1200	700	600	2.0	7	Pl Others	1.4 0.8	125	3000-4000

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ROCKY MT	NAME	BGC	Regeneration								Free Growing					
STOCKING		Classification	Species		Stocking(i)			Min	Regen	Min. Height		Tree Ht to	Post Spacing			
STANDARD		Zone/SZ	Series	Conifer		Target	MIN	pa	MIN	p	Intertree	Delay	Species	Ht	Brush	Max Range
ID #				Preferred (p)	Acceptable (a)	(well-spaced/ha)			Distance	(Max yrs)		(m)	(min%)	(sph)		
1062256	Low DSG2	MSdk	105	Fd Pl Sx Lw ^{16,203}	Bl ²⁰⁸	1200	700	600	2.0	7	Pl, Lw	1.4	125	3000-4000		
TBD	M/H DSG2 (Enh Basic)	MSdk	105	Fd Sx Lw ^{16,203}	Bl ²⁰⁸ Pl	TBD					Fd	1.0				
											Others	0.8				
											Pl, Lw	1.4	125	3000-4000		
											Fd	1.0				
											Others	0.8				
1062257		MSdk	110.1	Fd ³² Lw ^{16,32,203} Sx	Bl ²⁰⁸ Pl	1200	700	600	2.0	7	Pl, Lw	1.4	125	3000-4000		
											Others	0.8				
1062258		MSdk	110.2	Cw Fd ³² Lw ^{16,32,203} Sx	Bl ²⁰⁸ Pl	1200	700	600	2.0	7	Pl, Lw	1.4	125	3000-4000		
											Others	0.8				
1062259		MSdk	111	Sx	Bl ²⁰⁸	1200	700	600	2.0	7	All	0.8	125	3000-4000		
1062260		MSdk	112	Sx	Bl ²⁰⁸ Pl ¹	1200	700	600	2.0	7	All	0.8	125	3000-4000		
1062261	Low DSG3	MSdw	101	Fd Lw Sx	Bl ²⁰⁸ Pl ²⁰⁰	1200	700	600	2.0	7	Pl, Lw	1.4	125	3000-4000		
											Others	0.8				
TBD	M/H DSG3 (Enh Basic)	MSdw	101	Fd Lw Sx	Bl ²⁰⁸ Pl ²⁰⁰	1200	700	600	2.0	7	Pl, Lw	1.4	125	3000-4000		
											Others	0.8				
1062365	MF	MSdw	102	Fd Py ^{9,14,203} Pf ²⁰¹	Pl	600	400	400	2.0	7	Pl	1.4	125	3000-4000		
											Fd	0.8				
											Others	0.6				
1062262	UWROR2	MSdw	102	Fd Py ^{9,14,203} Pf ²⁰¹	Pl	U9	U10	U20	2.0 ⁷⁴	-	Pl	1.4	125	75 ^{U14}		
											Fd	0.8				
											Others	0.6				
1062263		MSdw	103	Fd Lw Py ^{14,203}	Pl	1000	500	400	2.0	7	Pl, Lw	1.4	125	3000-4000		
											Fd	0.8				
											Others	0.6				
1062264	UWROF9	MSdw	103 ^{U17}	Fd Lw Py ^{14,203}	Pl	U8	76 ^{U10}	U20	2.0 ⁷⁴	-	Pl, Lw	1.4	125	400 ^{U14}		
											Fd	0.8				
											Others	0.6				
1062265	Low DSG4	MSdw	104	Fd Lw Pl	Bl ^{10,13} Sx ^{10,13}	1200	700	600	2.0	7	Pl, Lw	1.4	125	3000-4000		
											Others	0.8				
TBD	M/H DSG4 (Enh Basic)	MSdw	104	Fd Lw Sx ²⁰¹	Pl Bl ^{10,13,208}	TBD					Pl, Lw	1.4	125	3000-4000		
											Others	0.8				
1062266		MSdw	110.1	Fd ³² Lw ³² Sx	Bl ²⁰⁸ Pl	1200	700	600	2.0	4	Pl, Lw	1.4	125	3000-4000		
											Others	0.8				
1062267		MSdw	110.2	Cw Fd ³² Lw ³² Sx	Bl ²⁰⁸ Pl	1200	700	600	2.0	4	Pl, Lw	1.4	125	3000-4000		
											Others	0.8				
1062268		MSdw	111	Sx ¹	Bl ²⁰⁸	1200	700	600	2.0	4	All	0.8	125	3000-4000		
1062269		MSdw	112	Sx ¹	Bl ²⁰⁸ Pl ¹	1200	700	600	2.0	4	All	0.8	125	3000-4000		

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ROCKY MT	NAME	BGC	Regeneration								Free Growing			
STOCKING		Classification	Species		Stocking(i)			Min	Regen	Min. Height		Tree Ht to	Post Spacing	
STANDARD		Zone/SZ	Series	Conifer		Target	MIN pa	MIN p	Intertree	Delay	Species	Ht	Brush	Max Range
ID #				Preferred (p)	Acceptable (a)	(well-spaced/ha)	Distance	(Max yrs)	(m)	(min%)			(sph)	
1062270	UWRMF1	IDFdk5	101	Fd Lw ^{32,203}	Pl ²⁰⁰	1000	500	400	2.0	7	Pl,Lw	1.0	125	500-2000 ^{U14}
1062366	MF	IDFdk5	102	Fd Py ²⁰³		600	400	400	2.0	7	Fd	0.8	125	3000-4000
1062271	UWROR3	IDFdk5	102	Fd Py ²⁰³		U9	U10	U20	2.0 ⁷⁴	-	All	0.5	125	75 ^{U14}
1062367	MF	IDFdk5	103	Fd Py ²⁰³		600	400	400	2.0	7	Fd	0.8	125	3000-4000
1062272	UWROF10	IDFdk5	103	Fd Py ²⁰³		U8	76 ^{U10}	U20	2.0 ⁷⁴	-	All	0.5	125	400 ^{U14}
1062368	MF	IDFdk5	104	Fd Lw ²⁰³ Py ^{9,203}	Pl ²⁰⁰	1000	500	400	2.0	7	Pl,Lw	1.0	125	3000-4000
1062273	UWROF11	IDFdk5	104	Fd Lw ²⁰³ Py ^{9,203}	Pl ²⁰⁰						Fd	0.6		400 ^{U14}
1062274	UWRMF2	IDFdk5	110	Fd ³² Lw ^{32,203} Sx	Pl	1000	500	400	2.0	7	Pl,Lw	1.0	125	500-2000 ^{U14}
											Fd	0.8		
											Others	0.6		
1062275	UWRMF3	IDFdk5	111	Sx	Pl	1000	500	400	2.0	4	Pl	1.0	125	500-2000 ^{U14}
											Sx	0.6		
1062276	UWRMF4	IDFdm2	101 ^{U18}	Fd Lw Py ^{14,203}	Pl ²⁰⁰	1000	500	400	2.0	7	Pl,Lw	1.0	125	500-2000 ^{U14}
											Fd	0.8		
											Py	0.6		
1062277	UWROF12	IDFdm2	101 ^{U19}	Fd Lw Py ^{14,203}	Pl ²⁰⁰	U8	76 ^{U10}	U20	2.0 ⁷⁴	-	All	0.5	125	400 ^{U14}
1062369	MF	IDFdm2	102	Fd Py		600	400	400	2.0	7	Fd	0.8	125	3000-4000
											Py	0.6		
1062278	UWROR4	IDFdm2	102	Fd Py		U9	U10	U20	2.0 ⁷⁴	-	All	0.5	125	75 ^{U14}
1062377	MF	IDFdm2	103	Fd ²⁷ Py	Lw	600	400	400	2.0	7	Lw	1.0	125	3000-4000
											Fd	0.8		
											Py	0.6		
1062279	UWROF13	IDFdm2	103	Fd ²⁷ Py	Lw	U8	76 ^{U10}	U20	2.0 ⁷⁴	-	All	0.5	125	400 ^{U14}

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ROCKY MT	NAME	BGC		Regeneration							Free Growing				
STOCKING		Classification	Species	Stocking(i)			Min	Regen	Min. Height		Tree Ht to	Post Spacing			
STANDARD				Conifer	Target	MIN	pa	MIN	p	Intertree	Delay	Species	Ht	Brush	Max Range
ID #				Zone/SZ	Series	Preferred (p)	Acceptable (a)	(well-spaced/ha)			Distance	(Max yrs)	(m)	(min%)	(sph)
1062378	MF	IDFdm2	104.1	Fd Py Lw ^{10,13}	PI	1000	500	400	2.0	7	PI,Lw	1.0	125	3000-4000	
											Fd	0.8			
											Py	0.6			
1062280	UWROF14	IDFdm2	104.1	Fd Py Lw ^{10,13}	PI	U8	76 ^{U10}	U20	2.0	74	-	All	0.5	125	400 ^{U14}
1062281	UWRMF5	IDFdm2	104.2	Fd Py Lw ^{10,13}	PI	1000	500	400	2.0	7	PI,Lw	1.0	125	500-2000 ^{U14}	
											Fd	0.8			
											Py	0.6			
1062282	UWRMF6	IDFdm2	110	Fd ³² Lw ³² Sx ²⁰¹	PI	1000	500	400	2.0	7	PI,Lw	1.0	125	500-2000 ^{U14}	
											Fd	0.8			
											Sx	0.6			
1062283	UWRMF7	IDFdm2	111	Fd ^{1,32} Lw ^{1,32} Sx ²⁰¹	PI	1000	500	400	2.0	7	PI,Lw	1.0	125	500-2000 ^{U14}	
											Fd	0.8			
											Sx	0.6			
1062284	UWRMF8	IDFdm2	112	Sx ¹		1000	500	400	2.0	4	All	0.6	125	500-2000 ^{U14}	
1062379	MF	IDFxx	101	Fd Py ²⁰³		1000	500	400	2.0	7	Fd	0.8	125	3000-4000	
											Py	0.6			
1062285	UWROF15	IDFxx	101	Fd Py ²⁰³		U8	76 ^{U10}	U20	2.0	74	-	All	0.5	125	400 ^{U14}
1062380	MF	IDFxx	102	Fd PI ²⁰¹		600	400	400	2.0	7	Fd	0.8	125	3000-4000	
											PI	0.6			
1062286	UWROR5	IDFxx	102	Fd PI ²⁰¹		U9	U10	U20	2.0	74	-	All	0.5	125	75 ^{U14}
1062381	MF	IDFxx	103	Fd Py ²⁰³		600	400	400	2.0	7	Fd	0.8	125	3000-4000	
											Py	0.6			
1062287	UWROF16	IDFxx	103	Fd Py ²⁰³		U8	76 ^{U10}	U20	2.0	74	-	All	0.5	125	75 ^{U14}
1062382	MF	IDFxx	110	Fd	Py ²⁰³	1000	500	400	2.0	7	Fd	0.8	125	3000-4000	
											Py	0.6			
1062288	UWROF17	IDFxx	110	Fd	Py ²⁰³	U8	76 ^{U10}	U20	2.0	74	-	All	0.5	125	400 ^{U14}
1062383	MF	IDFxx	111	Sx	Fd ¹	1000	500	400	2.0	7	Fd	0.8	125	3000-4000	
											Sx	0.6			
1062289	UWROF18	IDFxx	111	Sx	Fd ¹	U8	76 ^{U10}	U20	2.0	74	-	All	0.5	125	400 ^{U14}
1062384	MF	IDFxx	112	Sx Fd	PI	1000	500	400	2.0	7	PI	1.0	125	3000-4000	
											Fd	0.8			
											Sx	0.6			
1062290	UWROF19	IDFxx	112	Sx Fd	PI	U8	76 ^{U10}	U20	2.0	74	-	All	0.5	125	400 ^{U14}
1062385	MF	IDFxx	113	Sx ¹		1000	500	400	2.0	7	Sx	0.6	125	3000-4000	
1062291	UWROF20	IDFxx	113	Sx ¹		U8	76 ^{U10}	U20	2.0	74	-	All	0.5	125	400 ^{U14}

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Rocky Mt	Name	BGC		Regeneration							Free Growing			
Stocking		Classification	Species		Stocking(i)			Min	Regen	Min. Height		Tree Ht to	Post Spacing	
Standard			Conifer		Target	MIN pa	MIN p	Intertree	Delay	Species	Ht	Brush	Max Range	
ID #		Zone/SZ	Series	Preferred (p)	Acceptable (a)	(well-spaced/ha)				Distance	(Max yrs)	(m)	(min%)	(sph)
1062386	MF	IDFxx2	101	Py Fd ²⁷		1000	500	400	2.0	7	Fd	0.8	125	3000-4000
1062292	UWROF21	IDFxx2	101	Py Fd ²⁷		U8	76 ^{U10}	U20	2.0 ⁷⁴	-	All	0.5	125	75 ^{U14}
1062387	MF	IDFxx2	102	Py Fd ²⁷		600	400	400	2.0	7	Fd	0.8	125	3000-4000
											Py	0.6		
1062293	UWROR6	IDFxx2	102	Py Fd ²⁷		U9	U10	U20	2.0 ⁷⁴	-	All	0.5	125	75 ^{U14}
1062388	MF	IDFxx2	103	Py Fd ²⁷		600	400	400	2.0	7	Fd	0.8	125	3000-4000
											Py	0.6		
1062294	UWROR7	IDFxx2	103	Py Fd ²⁷		U9	U10	U20	2.0 ⁷⁴	-	All	0.5	125	75 ^{U14}
1062389	MF	IDFxx2	104	Py Fd ²⁷		1000	500	400	2.0	7	Fd	0.8	125	3000-4000
											Py	0.6		
1062295	UWROR8	IDFxx2	104	Py Fd ²⁷		U9	U10	U20	2.0 ⁷⁴	-	All	0.5	125	75 ^{U14}
1062390	MF	IDFxx2	110	Fd	Lw Py	1000	500	400	2.0	7	Lw	1.0	125	3000-4000
											Fd	0.8		
											Py	0.6		
1062296	UWROF22	IDFxx2	110	Fd	Lw Py	U8	76 ^{U10}	U20	2.0 ⁷⁴	-	All	0.5	125	400 ^{U14}
1062391	MF	IDFxx2	111	Fd Lw	Sx	1000	500	400	2.0	7	Lw	1.0	125	3000-4000
											Fd	0.8		
											Sx	0.6		
1062297	UWROF23	IDFxx2	111	Fd Lw	Sx	U8	76 ^{U10}	U20	2.0 ⁷⁴	-	All	0.5	125	400 ^{U14}
1062392	MF	IDFxx2	112	Sx ¹		1000	500	400	2.0	7	Sx	0.6	125	3000-4000
1062298	UWROF24	IDFxx2	112	Sx ¹		U8	76 ^{U10}	U20	2.0 ⁷⁴	-	All	0.5	125	400 ^{U14}

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Rocky Mountain Natural Resource District FSP Stocking Standard Definitions and Footnotes

Definitions	Footnote #	Footnote	Footnote #	Footnote
<u>Conifer Tree Species</u>	1	suitable on elevated microsites	46	use resistant seedlot south of the Dean Channel
			47	risk of balsam wooly adelgid within quarantine area see http://www2.gov.bc.ca/gov/content/industry/agriculture-seafood/animals-and-crops/plant-health/insects-and-plant-diseases/nursery-and-ornamentals/balsam-wooly-adelgid
"Ba" means amabilis fir;	2	retired July 2017		
"Bg" means grand fir;	3	suitable on coarse-textured soils	48	risk of browsing by deer
"Bl" means subalpine fir;	4	suitable medium-textured soils	49	retired November 2010
"Bp" means noble fir;	5	footnote retired	50	restricted to sites where the species occurs as a major species in a pre-harvest, natural stand
"Cw" means western red cedar;	6	suitable on nutrient-very-poor sites		
"Fd" means Douglas-fir;	7	suitable on nutrient-medium sites	51	retired July 2017
"Hm" means mountain hemlock;	8	suitable on steep slopes	52	suitable on sheltered microsites with deep soil
"Hw" means western hemlock;	9	suitable on warm aspects	53	minor component
"Lt" means tamarack;	10	suitable on cool aspects	54	retired July 2017
"Lw" means western larch;	11	suitable on crest slope positions	55	retired July 2017
"Pa" means whitebark pine;	12	suitable on cold air drainage sites		
"Pl" means lodgepole pine;	13	suitable at upper elevations	#	<u>Broadleaf Management Constraints</u>
"Pw" means white pine;	14	suitable at lower elevations		
"Py" means ponderosa pine;	15	suitable in the northern portion of biogeoclimatic unit	a	productive, reliable, and feasible regeneration option
"Sb" means black spruce;	16	suitable in the southern portion of biogeoclimatic unit	b	limited in productivity, reliability and/or feasibility
"Se" means Engelmann spruce;	17	suitable in the western portion of biogeoclimatic unit		
"Ss" means Sitka spruce;	18	suitable in the eastern portion of biogeoclimatic unit		
"Sw" means white spruce;	19	retired July 2017	#	<u>Localized Footnotes</u>
"Sx" means hybrid spruce or interior spruce;	20	retired July 2017		
"Sxs" means hybrid Sitka spruce;	21	retired July 2017	56	retired July 2017
"Sxw" means hybrid white spruce;	22	suitable in the southern Gardner Canal-Kitlope area		
"Yc" means yellow cedar.	23	retired July 2017	57	retired November 2010
	24	suitable in wetter portion of biogeoclimatic unit	58	South Area - Fd limited to a max 50% of preferred and acceptable well-spaced stems in the IDFmw and all subzones of the ICH due to root rot. See Root Rot Handbook (2017, in press)
<u>Broadleaf Tree Species</u>			59	Prince George region - max 1,400 total sph of aspen and cottonwood. Treat as 'ghost' trees in surveys.
"Acb" means balsam poplar;	25	retired July 2017		
"Act" means black cottonwood;	26	suitable minor species on nutrient poor sites	60	retired July 2017
"At" means trembling aspen;	27	partial high-canopy shade required for successful establishment	61	retired July 2017
"Dr" means red alder;	28	limited by moisture deficit	62	retired November 2010
"Ep" means common paper birch;	29	risk of heavy browsing by moose	63	retired July 2017
"Mb" means bigleaf maple;	30	retired November 2010	66	Mackenzie forest district - may be preferred where risk of snow damage is low or risk of frost damage is excessive on spruce
	31	must use of blister rust resistant stock. See BC Journal of Ecosystems and Management 10(1): 97-100 for supplementary information.		
"Qg" means garry oak;			67 & 68	Retired July 2017
"Ra" means arbutus;	32	limited by growing-season frosts	69 & 70	Retired July 2017
	33	footnote retired and replaced with footnote 'a'		
	34	risk of snow damage	74	Layer 1 trees may be tallied regardless of spacing providing they meet free growing damage criteria.
"Biogeoclimatic unit" or "BGC classification" means the zone, subzone, variant and site series described in the most recent field guide published by the Ministry of Forests for the identification and interpretation of ecosystems, as applicable to a harvested area.	35	use resistant stock to mitigate risk of spruce weevil damage - See Ss Weevil Decision Tool: http://pubs.cif-iffc.org/doi/abs/10.5558/tfc2013-042		

Rocky Mountain Natural Resource District FSP Stocking Standard Definitions and Footnotes

		200	PI can be moved from Acceptable to Preferred, to the extent specified below, only on sites where there is a low risk of damage from forest health factors: • where there is > 50% PI in the pre-harvest stand, PI can be moved to preferred; • where there is 25-50% PI in the pre-harvest stand, PI can be moved to preferred to a maximum of 50% well-spaced stems. For areas with less than 25% PI in the pre-harvest stand, or where risk of damage from forest health factors is moderate or high, PI remains acceptable.
	36	retired July 2017	
"MIN or "Min" means minimum.	37	retired November 2010	201
	38	footnote retired	202
MITD means Minimum inter-tree distance in meters.	39	retired July 2017	203
	40	risk of redheart damage in areas subject to cold winter outflow	204
Max means maximim.	41	limited by poorly drained soils	205
	42	suitable on sites with a fresh soil moisture regimes	206
	43	retired July 2017	207
	44	suitable in areas of the subzone variant with relatively strong maritime influence	
	45	suitable in areas of the subzone variant with relatively strong continental influence	208
			<p>BI advanced regeneration can be counted as well-spaced only where it meets the following criteria at FG in even-aged management:</p> <ul style="list-style-type: none"> • apical dominance > 1 (as measured by comparing ratio of leader height to length of most recent branch whorl) at FG; and • 75% live crown; and • no scars, forks, crooks, or sweeps, and; • where it is < 1.5 m height at time of harvest.

Rocky Mountain Natural Resource District FSP Stocking Standard Definitions and Footnotes

#	Rocky Mountain UWR Order (U-4-006 & 008) Footnotes
U8	As stated on the UWR Order; the stocking range is 76-400 trees/hectare which must include 20-50 trees of the largest 1/3 of existing diameter range.
U9	As stated on the UWR Order; the stocking range is 5-75 trees/hectare which must include 5-20 trees of the largest 1/3 of the existing diameter range.
U10	KBLUP assumes at the landscape level Open Forest will contribute 50% of maximum timber benefits and 50% of maximum forage benefits and that Open Range contributes 10% timber benefits and 90% forage benefits. Targets of 250 stems/hectare for Open Forest and 20 stems/hectare for Open Range approximate the 50% and 10% timber contribution. It is recognized that to accomplish UWR forage objectives and subject to footnote U14, the range of stocking may vary for Open Forest from 76 to 400 stems/ha and that Open Range may vary from 0 to 75 stems/ha.
U14	FSP Max Density Standards and Section 8 of UWR Orders U-4-006, U-4-008 are used where applicable.
U17	Standard applies only where Fd is the leading species.
U18	Applies >1000 metres in areas subject to UWR orders. Applies to all elevations where UWR orders do not apply.
U19	Only applies to areas <1000 metres in areas subject to UWR orders.
U20	These stocking standards do not over-ride the stand structure and forest cover requirements contained in the Ungulate Winter Range Orders for the Cranbrook and Invermere TSAs. Refer to these documents when designing and harvesting UWR/NDT4 openings.