

Modelled Volume Impact, thinning from below, removing a percentage of the pre-harvest basal area

MVI12.5 = modelled volume impact, only stems >=12.5cm dbh contribute // SPH = pre-thinning trees per hectare >=12.5cm dbh //

BA = basal area of trees >=12.5cm dbh (m2/ha) // THINVOL= modelled m3 removed at thinning (to 12.5cm dbh and 7.5cm top inside bark) // Shading: Darkest green = MVI is >0.95, It green = MVI =0.90-0.94

Modelled Volume impact compares the cumulative volume from the thinning plus a final clearcut felling at age 70, compared to a clearcut control at age 70.

Professional interpolation is appropriate when using a thinning age not presented in the following tables.

Species	Fdc		Modelled Establishment Density													
Thinning Age	25															
BA Removal	40%															
SI	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
18	MVI12.5:0.78	MVI12.5:0.80	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.90	
	BA:9.6	BA:10.9	BA:10.9	BA:10.8	BA:10.5	BA:9.7	BA:8.6	BA:7.8	BA:7.4	BA:6.1	BA:5.4	BA:5.1	BA:4.5	BA:4.5	BA:3.6	
	SPH:598	SPH:778	SPH:919	SPH:1041	SPH:1217	SPH:1343	SPH:1537	SPH:1681	SPH:1828	SPH:1980	SPH:2136	SPH:2283	SPH:2385	SPH:2559	SPH:2738	
	THINVOL:30	THINVOL:33	THINVOL:33	THINVOL:33	THINVOL:32	THINVOL:30	THINVOL:26	THINVOL:24	THINVOL:23	THINVOL:19	THINVOL:17	THINVOL:16	THINVOL:15	THINVOL:14	THINVOL:12	
20	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.87	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.92	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.90	
	BA:12.2	BA:13.9	BA:14.6	BA:14.8	BA:14.9	BA:14.3	BA:13.5	BA:12.4	BA:11.8	BA:10.7	BA:10.0	BA:9.4	BA:8.9	BA:8.3	BA:7.6	
	SPH:593	SPH:774	SPH:914	SPH:1037	SPH:1212	SPH:1336	SPH:1530	SPH:1672	SPH:1818	SPH:1970	SPH:2127	SPH:2273	SPH:2373	SPH:2546	SPH:2724	
	THINVOL:44	THINVOL:50	THINVOL:52	THINVOL:53	THINVOL:52	THINVOL:50	THINVOL:47	THINVOL:44	THINVOL:42	THINVOL:38	THINVOL:36	THINVOL:34	THINVOL:32	THINVOL:31	THINVOL:28	
22	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.91	
	BA:14.2	BA:16.3	BA:17.3	BA:18.1	BA:18.5	BA:18.2	BA:17.7	BA:16.9	BA:15.9	BA:15.2	BA:14.2	BA:13.7	BA:13.3	BA:12.7	BA:11.7	
	SPH:591	SPH:772	SPH:910	SPH:1034	SPH:1207	SPH:1332	SPH:1525	SPH:1666	SPH:1812	SPH:1963	SPH:2120	SPH:2265	SPH:2366	SPH:2539	SPH:2716	
	THINVOL:59	THINVOL:67	THINVOL:70	THINVOL:73	THINVOL:74	THINVOL:72	THINVOL:70	THINVOL:67	THINVOL:64	THINVOL:61	THINVOL:57	THINVOL:56	THINVOL:55	THINVOL:53	THINVOL:49	
24	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.92	
	BA:16.2	BA:18.4	BA:19.7	BA:20.4	BA:21.3	BA:21.0	BA:20.8	BA:20.1	BA:19.6	BA:18.8	BA:18.0	BA:17.4	BA:16.7	BA:16.5	BA:15.4	
	SPH:592	SPH:770	SPH:909	SPH:1030	SPH:1205	SPH:1328	SPH:1522	SPH:1663	SPH:1808	SPH:1959	SPH:2115	SPH:2260	SPH:2361	SPH:2533	SPH:2711	
	THINVOL:76	THINVOL:85	THINVOL:90	THINVOL:93	THINVOL:95	THINVOL:94	THINVOL:92	THINVOL:90	THINVOL:88	THINVOL:84	THINVOL:82	THINVOL:79	THINVOL:77	THINVOL:77	THINVOL:72	
26	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.93	
	BA:18.1	BA:20.6	BA:21.8	BA:22.6	BA:23.5	BA:23.2	BA:23.3	BA:22.7	BA:22.0	BA:21.6	BA:20.8	BA:20.2	BA:19.7	BA:19.3	BA:18.6	
	SPH:591	SPH:770	SPH:909	SPH:1030	SPH:1204	SPH:1327	SPH:1521	SPH:1662	SPH:1807	SPH:1957	SPH:2112	SPH:2259	SPH:2359	SPH:2530	SPH:2705	
	THINVOL:94	THINVOL:105	THINVOL:111	THINVOL:114	THINVOL:117	THINVOL:115	THINVOL:115	THINVOL:112	THINVOL:110	THINVOL:108	THINVOL:104	THINVOL:102	THINVOL:101	THINVOL:100	THINVOL:97	
28	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94	
	BA:20.1	BA:22.6	BA:24.0	BA:24.8	BA:25.6	BA:25.5	BA:25.5	BA:25.0	BA:24.4	BA:24.0	BA:23.4	BA:22.9	BA:22.1	BA:21.7	BA:21.3	
	SPH:591	SPH:770	SPH:909	SPH:1030	SPH:1205	SPH:1328	SPH:1521	SPH:1663	SPH:1807	SPH:1959	SPH:2111	SPH:2257	SPH:2359	SPH:2527	SPH:2701	
	THINVOL:113	THINVOL:126	THINVOL:132	THINVOL:136	THINVOL:139	THINVOL:138	THINVOL:137	THINVOL:135	THINVOL:133	THINVOL:131	THINVOL:128	THINVOL:126	THINVOL:124	THINVOL:123	THINVOL:121	
30	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.95	
	BA:22.1	BA:24.7	BA:26.1	BA:27.0	BA:27.7	BA:27.6	BA:27.7	BA:27.1	BA:26.5	BA:26.2	BA:25.3	BA:24.9	BA:24.4	BA:24.0	BA:23.4	
	SPH:591	SPH:771	SPH:909	SPH:1031	SPH:1205	SPH:1328	SPH:1522	SPH:1664	SPH:1808	SPH:1957	SPH:2107	SPH:2252	SPH:2353	SPH:2519	SPH:2691	
	THINVOL:134	THINVOL:148	THINVOL:155	THINVOL:159	THINVOL:162	THINVOL:161	THINVOL:161	THINVOL:158	THINVOL:155	THINVOL:153	THINVOL:150	THINVOL:149	THINVOL:147	THINVOL:147	THINVOL:144	
32	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95	
	BA:24.2	BA:26.8	BA:28.2	BA:28.9	BA:29.8	BA:29.5	BA:29.7	BA:29.0	BA:28.4	BA:28.0	BA:27.4	BA:26.9	BA:26.3	BA:26.1	BA:25.5	
	SPH:592	SPH:771	SPH:914	SPH:1031	SPH:1206	SPH:1330	SPH:1522	SPH:1661	SPH:1803	SPH:1949	SPH:2098	SPH:2236	SPH:2333	SPH:2484	SPH:2640	
	THINVOL:156	THINVOL:171	THINVOL:179	THINVOL:182	THINVOL:185	THINVOL:184	THINVOL:183	THINVOL:180	THINVOL:178	THINVOL:176	THINVOL:173	THINVOL:172	THINVOL:170	THINVOL:170	THINVOL:167	
36	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.96	
	BA:28.4	BA:30.9	BA:32.3	BA:33.0	BA:33.6	BA:33.6	BA:33.4	BA:32.9	BA:32.2	BA:31.8	BA:31.4	BA:30.8	BA:30.4	BA:30.2	BA:29.5	
	SPH:595	SPH:773	SPH:913	SPH:1033	SPH:1205	SPH:1331	SPH:1512	SPH:1644	SPH:1773	SPH:1907	SPH:2038	SPH:2134	SPH:2202	SPH:2294	SPH:2455	
	THINVOL:203	THINVOL:219	THINVOL:226	THINVOL:229	THINVOL:231	THINVOL:231	THINVOL:230	THINVOL:227	THINVOL:224	THINVOL:222	THINVOL:221	THINVOL:219	THINVOL:218	THINVOL:218	THINVOL:214	
40	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:0.98	
	BA:32.7	BA:35.2	BA:36.4	BA:37.1	BA:37.7	BA:37.4	BA:37.5	BA:36.8	BA:36.2	BA:35.9	BA:35.2	BA:34.9	BA:34.5	BA:34.2	BA:33.7	
	SPH:595	SPH:777	SPH:913	SPH:1033	SPH:1204	SPH:1319	SPH:1479	SPH:1592	SPH:1697	SPH:1791	SPH:1914	SPH:1985	SPH:2003	SPH:2069	SPH:2163	
	THINVOL:254	THINVOL:271	THINVOL:278	THINVOL:280	THINVOL:282	THINVOL:282	THINVOL:281	THINVOL:277	THINVOL:275	THINVOL:274	THINVOL:271	THINVOL:271	THINVOL:269	THINVOL:270	THINVOL:266	

Species	Fdc														
Thinning Age	30														
BA Removal	40%														
SI	Modelled Establishment Density														
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.88
	BA:13.5	BA:15.6	BA:16.6	BA:17.0	BA:17.5	BA:17.1	BA:16.5	BA:15.6	BA:14.9	BA:13.9	BA:12.9	BA:12.4	BA:11.9	BA:11.1	BA:10.2
	SPH:591	SPH:770	SPH:909	SPH:1031	SPH:1204	SPH:1329	SPH:1522	SPH:1664	SPH:1809	SPH:1960	SPH:2114	SPH:2259	SPH:2361	SPH:2532	SPH:2711
	THINVOL:52	THINVOL:59	THINVOL:62	THINVOL:63	THINVOL:64	THINVOL:62	THINVOL:60	THINVOL:57	THINVOL:55	THINVOL:51	THINVOL:48	THINVOL:46	THINVOL:45	THINVOL:42	THINVOL:39
20	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90
	BA:15.8	BA:18.1	BA:19.3	BA:20.2	BA:21.0	BA:20.7	BA:20.5	BA:19.9	BA:19.2	BA:18.5	BA:17.6	BA:17.1	BA:16.3	BA:16.0	BA:14.7
	SPH:588	SPH:768	SPH:906	SPH:1028	SPH:1201	SPH:1325	SPH:1517	SPH:1658	SPH:1802	SPH:1953	SPH:2109	SPH:2253	SPH:2353	SPH:2525	SPH:2700
	THINVOL:70	THINVOL:79	THINVOL:84	THINVOL:87	THINVOL:89	THINVOL:87	THINVOL:86	THINVOL:83	THINVOL:81	THINVOL:78	THINVOL:75	THINVOL:73	THINVOL:71	THINVOL:70	THINVOL:65
22	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91
	BA:18.2	BA:20.5	BA:21.9	BA:22.9	BA:23.7	BA:23.6	BA:23.8	BA:23.1	BA:22.3	BA:21.9	BA:21.2	BA:20.6	BA:20.1	BA:19.7	BA:18.8
	SPH:588	SPH:766	SPH:905	SPH:1027	SPH:1199	SPH:1323	SPH:1515	SPH:1655	SPH:1800	SPH:1950	SPH:2106	SPH:2250	SPH:2351	SPH:2522	SPH:2696
	THINVOL:91	THINVOL:102	THINVOL:107	THINVOL:111	THINVOL:113	THINVOL:113	THINVOL:112	THINVOL:110	THINVOL:107	THINVOL:104	THINVOL:102	THINVOL:100	THINVOL:98	THINVOL:98	THINVOL:94
24	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.90	MVI12.5:0.91
	BA:20.5	BA:23.0	BA:24.5	BA:25.3	BA:26.4	BA:26.2	BA:26.2	BA:25.7	BA:25.1	BA:24.7	BA:23.9	BA:23.6	BA:22.8	BA:22.5	BA:21.9
	SPH:590	SPH:767	SPH:905	SPH:1027	SPH:1200	SPH:1323	SPH:1517	SPH:1656	SPH:1801	SPH:1949	SPH:2103	SPH:2249	SPH:2349	SPH:2520	SPH:2690
	THINVOL:114	THINVOL:126	THINVOL:133	THINVOL:136	THINVOL:140	THINVOL:138	THINVOL:138	THINVOL:135	THINVOL:133	THINVOL:131	THINVOL:128	THINVOL:127	THINVOL:124	THINVOL:124	THINVOL:121
26	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.92
	BA:23.0	BA:25.6	BA:26.9	BA:27.8	BA:28.6	BA:28.5	BA:28.6	BA:28.1	BA:27.4	BA:27.0	BA:26.4	BA:25.9	BA:25.4	BA:24.9	BA:24.4
	SPH:590	SPH:768	SPH:906	SPH:1027	SPH:1201	SPH:1324	SPH:1517	SPH:1656	SPH:1800	SPH:1946	SPH:2098	SPH:2242	SPH:2342	SPH:2505	SPH:2669
	THINVOL:138	THINVOL:153	THINVOL:159	THINVOL:163	THINVOL:165	THINVOL:164	THINVOL:164	THINVOL:162	THINVOL:159	THINVOL:157	THINVOL:155	THINVOL:153	THINVOL:152	THINVOL:151	THINVOL:148
28	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92
	BA:25.4	BA:28.0	BA:29.4	BA:30.3	BA:31.0	BA:30.9	BA:31.0	BA:30.5	BA:29.8	BA:29.5	BA:28.9	BA:28.4	BA:27.7	BA:27.4	BA:26.9
	SPH:590	SPH:768	SPH:906	SPH:1027	SPH:1202	SPH:1325	SPH:1514	SPH:1651	SPH:1793	SPH:1935	SPH:2080	SPH:2206	SPH:2307	SPH:2456	SPH:2605
	THINVOL:164	THINVOL:179	THINVOL:186	THINVOL:190	THINVOL:192	THINVOL:192	THINVOL:191	THINVOL:189	THINVOL:186	THINVOL:184	THINVOL:182	THINVOL:181	THINVOL:178	THINVOL:178	THINVOL:175
30	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.93
	BA:27.9	BA:30.5	BA:31.8	BA:32.7	BA:33.4	BA:33.3	BA:33.4	BA:32.8	BA:32.2	BA:31.9	BA:31.1	BA:30.8	BA:30.1	BA:29.9	BA:29.3
	SPH:590	SPH:769	SPH:907	SPH:1028	SPH:1200	SPH:1322	SPH:1514	SPH:1643	SPH:1774	SPH:1904	SPH:2028	SPH:2155	SPH:2230	SPH:2339	SPH:2491
	THINVOL:191	THINVOL:207	THINVOL:214	THINVOL:218	THINVOL:220	THINVOL:219	THINVOL:219	THINVOL:216	THINVOL:214	THINVOL:212	THINVOL:209	THINVOL:208	THINVOL:206	THINVOL:207	THINVOL:203
32	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.94
	BA:30.4	BA:32.9	BA:34.3	BA:35.0	BA:35.8	BA:35.6	BA:35.6	BA:35.0	BA:34.4	BA:34.1	BA:33.4	BA:33.0	BA:32.4	BA:32.3	BA:31.7
	SPH:591	SPH:769	SPH:911	SPH:1026	SPH:1197	SPH:1317	SPH:1494	SPH:1615	SPH:1730	SPH:1841	SPH:1962	SPH:2063	SPH:2078	SPH:2180	SPH:2288
	THINVOL:220	THINVOL:236	THINVOL:243	THINVOL:246	THINVOL:248	THINVOL:248	THINVOL:247	THINVOL:244	THINVOL:242	THINVOL:240	THINVOL:238	THINVOL:237	THINVOL:234	THINVOL:235	THINVOL:232
36	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95
	BA:35.6	BA:38.0	BA:39.3	BA:40.0	BA:40.5	BA:40.5	BA:40.3	BA:39.8	BA:39.2	BA:38.9	BA:38.4	BA:37.8	BA:37.5	BA:37.3	BA:36.5
	SPH:593	SPH:770	SPH:907	SPH:1023	SPH:1185	SPH:1302	SPH:1439	SPH:1548	SPH:1636	SPH:1709	SPH:1816	SPH:1858	SPH:1882	SPH:1903	SPH:2022
	THINVOL:284	THINVOL:299	THINVOL:306	THINVOL:309	THINVOL:310	THINVOL:310	THINVOL:308	THINVOL:306	THINVOL:304	THINVOL:303	THINVOL:301	THINVOL:299	THINVOL:298	THINVOL:299	THINVOL:294
40	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:0.98
	BA:41.1	BA:43.4	BA:44.5	BA:45.2	BA:45.8	BA:45.5	BA:45.4	BA:44.8	BA:44.4	BA:43.9	BA:43.2	BA:43.0	BA:42.7	BA:42.4	BA:41.9
	SPH:593	SPH:773	SPH:898	SPH:1013	SPH:1167	SPH:1255	SPH:1371	SPH:1436	SPH:1507	SPH:1532	SPH:1626	SPH:1643	SPH:1651	SPH:1681	SPH:1734
	THINVOL:356	THINVOL:371	THINVOL:377	THINVOL:380	THINVOL:382	THINVOL:381	THINVOL:379	THINVOL:377	THINVOL:376	THINVOL:374	THINVOL:371	THINVOL:371	THINVOL:370	THINVOL:371	THINVOL:366

Species	Fdc														
Thinning Age	35														
BA Removal	40%														
SI	Modelled Establishment Density														
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90
	BA:16.3	BA:18.7	BA:20.0	BA:20.8	BA:21.6	BA:21.5	BA:21.4	BA:20.9	BA:20.1	BA:19.4	BA:18.7	BA:18.1	BA:17.4	BA:16.7	BA:16.0
	SPH:587	SPH:764	SPH:903	SPH:1024	SPH:1197	SPH:1320	SPH:1511	SPH:1653	SPH:1797	SPH:1946	SPH:2100	SPH:2244	SPH:2345	SPH:2516	SPH:2692
	THINVOL:73	THINVOL:82	THINVOL:87	THINVOL:90	THINVOL:92	THINVOL:91	THINVOL:90	THINVOL:87	THINVOL:85	THINVOL:82	THINVOL:79	THINVOL:77	THINVOL:75	THINVOL:73	THINVOL:70
20	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91
	BA:18.9	BA:21.5	BA:22.8	BA:23.8	BA:24.7	BA:24.5	BA:24.7	BA:24.0	BA:23.4	BA:23.2	BA:22.3	BA:21.9	BA:21.1	BA:20.7	BA:20.0
	SPH:586	SPH:764	SPH:902	SPH:1023	SPH:1195	SPH:1319	SPH:1509	SPH:1651	SPH:1794	SPH:1945	SPH:2098	SPH:2243	SPH:2342	SPH:2512	SPH:2684
	THINVOL:96	THINVOL:108	THINVOL:114	THINVOL:117	THINVOL:120	THINVOL:119	THINVOL:118	THINVOL:116	THINVOL:113	THINVOL:112	THINVOL:109	THINVOL:107	THINVOL:105	THINVOL:104	THINVOL:100
22	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.92
	BA:21.7	BA:24.2	BA:25.7	BA:26.7	BA:27.5	BA:27.5	BA:27.8	BA:27.1	BA:26.4	BA:26.1	BA:25.4	BA:24.8	BA:24.3	BA:24.0	BA:23.2
	SPH:586	SPH:764	SPH:902	SPH:1024	SPH:1196	SPH:1319	SPH:1510	SPH:1650	SPH:1794	SPH:1944	SPH:2099	SPH:2240	SPH:2339	SPH:2507	SPH:2674
	THINVOL:123	THINVOL:136	THINVOL:142	THINVOL:146	THINVOL:149	THINVOL:148	THINVOL:148	THINVOL:145	THINVOL:142	THINVOL:141	THINVOL:138	THINVOL:137	THINVOL:135	THINVOL:135	THINVOL:131
24	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.93
	BA:24.5	BA:27.1	BA:28.5	BA:29.4	BA:30.4	BA:30.2	BA:30.3	BA:29.8	BA:29.2	BA:28.9	BA:28.0	BA:27.7	BA:27.0	BA:26.7	BA:26.0
	SPH:588	SPH:765	SPH:903	SPH:1024	SPH:1197	SPH:1320	SPH:1511	SPH:1650	SPH:1793	SPH:1934	SPH:2086	SPH:2217	SPH:2314	SPH:2473	SPH:2627
	THINVOL:151	THINVOL:165	THINVOL:172	THINVOL:176	THINVOL:179	THINVOL:178	THINVOL:177	THINVOL:175	THINVOL:173	THINVOL:171	THINVOL:168	THINVOL:167	THINVOL:165	THINVOL:165	THINVOL:161
26	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93
	BA:27.4	BA:29.9	BA:31.2	BA:32.1	BA:32.8	BA:32.7	BA:32.9	BA:32.4	BA:31.7	BA:31.3	BA:30.7	BA:30.2	BA:29.7	BA:29.3	BA:28.8
	SPH:588	SPH:766	SPH:904	SPH:1023	SPH:1195	SPH:1319	SPH:1508	SPH:1635	SPH:1772	SPH:1906	SPH:2047	SPH:2167	SPH:2241	SPH:2364	SPH:2516
	THINVOL:182	THINVOL:197	THINVOL:203	THINVOL:206	THINVOL:209	THINVOL:208	THINVOL:208	THINVOL:205	THINVOL:203	THINVOL:200	THINVOL:199	THINVOL:197	THINVOL:196	THINVOL:196	THINVOL:192
28	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94
	BA:30.2	BA:32.7	BA:34.0	BA:34.8	BA:35.5	BA:35.4	BA:35.5	BA:35.1	BA:34.4	BA:34.1	BA:33.5	BA:33.0	BA:32.3	BA:32.0	BA:31.5
	SPH:588	SPH:765	SPH:903	SPH:1022	SPH:1190	SPH:1316	SPH:1484	SPH:1611	SPH:1730	SPH:1835	SPH:1956	SPH:2035	SPH:2086	SPH:2179	SPH:2289
	THINVOL:213	THINVOL:228	THINVOL:235	THINVOL:239	THINVOL:240	THINVOL:240	THINVOL:239	THINVOL:237	THINVOL:235	THINVOL:233	THINVOL:231	THINVOL:230	THINVOL:227	THINVOL:228	THINVOL:224
30	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94
	BA:33.0	BA:35.5	BA:36.8	BA:37.7	BA:38.3	BA:38.3	BA:38.3	BA:37.7	BA:37.1	BA:36.8	BA:36.0	BA:35.8	BA:35.2	BA:34.9	BA:34.3
	SPH:588	SPH:765	SPH:902	SPH:1022	SPH:1188	SPH:1306	SPH:1464	SPH:1565	SPH:1676	SPH:1756	SPH:1865	SPH:1931	SPH:1955	SPH:1999	SPH:2102
	THINVOL:247	THINVOL:263	THINVOL:269	THINVOL:273	THINVOL:274	THINVOL:274	THINVOL:273	THINVOL:270	THINVOL:269	THINVOL:267	THINVOL:264	THINVOL:264	THINVOL:261	THINVOL:263	THINVOL:258
32	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94
	BA:36.0	BA:38.4	BA:39.7	BA:40.4	BA:41.1	BA:41.0	BA:41.0	BA:40.4	BA:39.8	BA:39.5	BA:38.9	BA:38.4	BA:37.9	BA:37.7	BA:37.2
	SPH:589	SPH:766	SPH:904	SPH:1017	SPH:1180	SPH:1286	SPH:1433	SPH:1523	SPH:1609	SPH:1680	SPH:1782	SPH:1831	SPH:1833	SPH:1863	SPH:1944
	THINVOL:285	THINVOL:299	THINVOL:306	THINVOL:309	THINVOL:310	THINVOL:310	THINVOL:309	THINVOL:307	THINVOL:305	THINVOL:303	THINVOL:301	THINVOL:300	THINVOL:298	THINVOL:299	THINVOL:295
36	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.96
	BA:42.3	BA:44.5	BA:45.8	BA:46.4	BA:46.9	BA:46.8	BA:46.6	BA:46.1	BA:45.6	BA:45.1	BA:44.7	BA:44.2	BA:43.9	BA:43.6	BA:43.0
	SPH:592	SPH:764	SPH:894	SPH:1001	SPH:1147	SPH:1213	SPH:1334	SPH:1398	SPH:1441	SPH:1463	SPH:1544	SPH:1570	SPH:1569	SPH:1576	SPH:1661
	THINVOL:367	THINVOL:380	THINVOL:387	THINVOL:390	THINVOL:391	THINVOL:391	THINVOL:389	THINVOL:386	THINVOL:387	THINVOL:385	THINVOL:382	THINVOL:381	THINVOL:380	THINVOL:381	THINVOL:376
40	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.98
	BA:48.8	BA:50.9	BA:52.0	BA:52.2	BA:52.8	BA:52.4	BA:52.2	BA:51.7	BA:51.1	BA:50.8	BA:50.1	BA:49.8	BA:49.7	BA:49.5	BA:49.0
	SPH:591	SPH:763	SPH:871	SPH:947	SPH:1074	SPH:1130	SPH:1190	SPH:1236	SPH:1244	SPH:1265	SPH:1317	SPH:1338	SPH:1321	SPH:1339	SPH:1394
	THINVOL:461	THINVOL:473	THINVOL:480	THINVOL:481	THINVOL:483	THINVOL:481	THINVOL:479	THINVOL:477	THINVOL:477	THINVOL:476	THINVOL:471	THINVOL:471	THINVOL:472	THINVOL:473	THINVOL:468

Species	Fdc														
Thinning Age	40														
BA Removal	40%														
SI	Modelled Establishment Density														
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91
	BA:18.8	BA:21.3	BA:22.8	BA:23.6	BA:24.6	BA:24.5	BA:24.7	BA:24.1	BA:23.3	BA:22.9	BA:22.3	BA:21.8	BA:21.1	BA:20.4	BA:19.9
	SPH:585	SPH:762	SPH:899	SPH:1020	SPH:1192	SPH:1315	SPH:1505	SPH:1646	SPH:1790	SPH:1939	SPH:2091	SPH:2234	SPH:2335	SPH:2504	SPH:2677
	THINVOL:94	THINVOL:105	THINVOL:110	THINVOL:113	THINVOL:116	THINVOL:115	THINVOL:115	THINVOL:112	THINVOL:110	THINVOL:107	THINVOL:105	THINVOL:103	THINVOL:101	THINVOL:100	THINVOL:97
20	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92
	BA:21.8	BA:24.4	BA:25.8	BA:26.8	BA:27.7	BA:27.5	BA:27.8	BA:27.1	BA:26.5	BA:26.3	BA:25.5	BA:25.1	BA:24.4	BA:23.9	BA:23.3
	SPH:584	SPH:763	SPH:900	SPH:1021	SPH:1192	SPH:1315	SPH:1506	SPH:1646	SPH:1789	SPH:1940	SPH:2090	SPH:2231	SPH:2331	SPH:2497	SPH:2669
	THINVOL:122	THINVOL:135	THINVOL:141	THINVOL:145	THINVOL:148	THINVOL:147	THINVOL:147	THINVOL:144	THINVOL:141	THINVOL:140	THINVOL:137	THINVOL:136	THINVOL:134	THINVOL:133	THINVOL:130
22	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93
	BA:24.9	BA:27.5	BA:28.9	BA:29.9	BA:30.7	BA:30.7	BA:30.9	BA:30.3	BA:29.5	BA:29.3	BA:28.6	BA:28.0	BA:27.6	BA:27.2	BA:26.5
	SPH:584	SPH:763	SPH:900	SPH:1022	SPH:1193	SPH:1316	SPH:1505	SPH:1644	SPH:1785	SPH:1930	SPH:2079	SPH:2200	SPH:2294	SPH:2446	SPH:2610
	THINVOL:154	THINVOL:167	THINVOL:174	THINVOL:178	THINVOL:180	THINVOL:180	THINVOL:180	THINVOL:177	THINVOL:174	THINVOL:172	THINVOL:170	THINVOL:169	THINVOL:167	THINVOL:167	THINVOL:163
24	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93
	BA:28.0	BA:30.6	BA:32.0	BA:32.8	BA:33.8	BA:33.6	BA:33.7	BA:33.2	BA:32.6	BA:32.3	BA:31.5	BA:31.2	BA:30.4	BA:30.2	BA:29.5
	SPH:587	SPH:763	SPH:900	SPH:1022	SPH:1192	SPH:1315	SPH:1499	SPH:1628	SPH:1759	SPH:1881	SPH:2018	SPH:2137	SPH:2186	SPH:2313	SPH:2441
	THINVOL:187	THINVOL:201	THINVOL:208	THINVOL:211	THINVOL:214	THINVOL:213	THINVOL:212	THINVOL:210	THINVOL:208	THINVOL:206	THINVOL:204	THINVOL:203	THINVOL:200	THINVOL:201	THINVOL:197
26	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93
	BA:31.2	BA:33.7	BA:35.0	BA:35.7	BA:36.5	BA:36.4	BA:36.5	BA:36.1	BA:35.4	BA:35.1	BA:34.5	BA:34.0	BA:33.5	BA:33.1	BA:32.6
	SPH:587	SPH:763	SPH:901	SPH:1017	SPH:1187	SPH:1303	SPH:1473	SPH:1591	SPH:1697	SPH:1795	SPH:1900	SPH:1992	SPH:2030	SPH:2084	SPH:2192
	THINVOL:223	THINVOL:238	THINVOL:243	THINVOL:246	THINVOL:248	THINVOL:248	THINVOL:247	THINVOL:245	THINVOL:243	THINVOL:241	THINVOL:239	THINVOL:238	THINVOL:236	THINVOL:236	THINVOL:233
28	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94
	BA:34.4	BA:36.8	BA:38.1	BA:38.9	BA:39.6	BA:39.5	BA:39.5	BA:39.1	BA:38.4	BA:38.2	BA:37.7	BA:37.1	BA:36.4	BA:36.2	BA:35.6
	SPH:587	SPH:763	SPH:897	SPH:1012	SPH:1177	SPH:1290	SPH:1444	SPH:1529	SPH:1638	SPH:1713	SPH:1808	SPH:1849	SPH:1870	SPH:1902	SPH:1994
	THINVOL:261	THINVOL:275	THINVOL:282	THINVOL:285	THINVOL:286	THINVOL:286	THINVOL:285	THINVOL:283	THINVOL:281	THINVOL:280	THINVOL:278	THINVOL:276	THINVOL:274	THINVOL:275	THINVOL:271
30	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94
	BA:37.7	BA:40.1	BA:41.4	BA:42.2	BA:42.8	BA:42.7	BA:42.7	BA:42.1	BA:41.7	BA:41.4	BA:40.6	BA:40.3	BA:39.7	BA:39.5	BA:38.8
	SPH:587	SPH:763	SPH:895	SPH:1012	SPH:1168	SPH:1266	SPH:1397	SPH:1479	SPH:1572	SPH:1604	SPH:1693	SPH:1728	SPH:1736	SPH:1760	SPH:1848
	THINVOL:303	THINVOL:317	THINVOL:323	THINVOL:326	THINVOL:328	THINVOL:328	THINVOL:326	THINVOL:324	THINVOL:323	THINVOL:322	THINVOL:319	THINVOL:318	THINVOL:316	THINVOL:317	THINVOL:313
32	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95
	BA:41.2	BA:43.4	BA:44.7	BA:45.4	BA:46.1	BA:45.9	BA:45.7	BA:45.3	BA:44.8	BA:44.3	BA:43.7	BA:43.2	BA:42.8	BA:42.6	BA:42.1
	SPH:588	SPH:761	SPH:892	SPH:999	SPH:1151	SPH:1234	SPH:1343	SPH:1412	SPH:1462	SPH:1489	SPH:1561	SPH:1605	SPH:1586	SPH:1601	SPH:1676
	THINVOL:348	THINVOL:361	THINVOL:368	THINVOL:371	THINVOL:372	THINVOL:372	THINVOL:370	THINVOL:368	THINVOL:368	THINVOL:366	THINVOL:363	THINVOL:362	THINVOL:361	THINVOL:362	THINVOL:358
36	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.97
	BA:48.4	BA:50.4	BA:51.6	BA:51.9	BA:52.3	BA:52.0	BA:51.9	BA:51.3	BA:50.7	BA:50.5	BA:49.9	BA:49.4	BA:49.3	BA:49.1	BA:48.4
	SPH:589	SPH:755	SPH:868	SPH:948	SPH:1061	SPH:1101	SPH:1193	SPH:1255	SPH:1225	SPH:1254	SPH:1304	SPH:1323	SPH:1315	SPH:1306	SPH:1361
	THINVOL:450	THINVOL:461	THINVOL:469	THINVOL:470	THINVOL:471	THINVOL:469	THINVOL:468	THINVOL:465	THINVOL:466	THINVOL:466	THINVOL:461	THINVOL:459	THINVOL:461	THINVOL:462	THINVOL:456
40	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.01	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:1.00
	BA:56.0	BA:57.5	BA:58.5	BA:58.4	BA:58.2	BA:57.7	BA:57.7	BA:57.2	BA:56.5	BA:56.4	BA:55.7	BA:55.5	BA:55.6	BA:55.3	BA:54.7
	SPH:585	SPH:733	SPH:827	SPH:872	SPH:937	SPH:964	SPH:1031	SPH:1055	SPH:1020	SPH:1047	SPH:1070	SPH:1099	SPH:1087	SPH:1077	SPH:1105
	THINVOL:566	THINVOL:574	THINVOL:582	THINVOL:582	THINVOL:579	THINVOL:577	THINVOL:576	THINVOL:575	THINVOL:575	THINVOL:575	THINVOL:576	THINVOL:569	THINVOL:568	THINVOL:572	THINVOL:566

Species Thinning Age BA Removal		Fdc 45 40%		Modelled Establishment Density											
SI	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.89 BA:21.0 SPH:584 THINVOL:114	MVI12.5:0.91 BA:23.7 SPH:760 THINVOL:126	MVI12.5:0.92 BA:25.1 SPH:897 THINVOL:132	MVI12.5:0.92 BA:26.0 SPH:1017 THINVOL:135	MVI12.5:0.93 BA:26.9 SPH:1188 THINVOL:138	MVI12.5:0.92 BA:26.9 SPH:1311 THINVOL:137	MVI12.5:0.94 BA:27.1 SPH:1501 THINVOL:137	MVI12.5:0.92 BA:26.6 SPH:1642 THINVOL:134	MVI12.5:0.92 BA:25.8 SPH:1785 THINVOL:132	MVI12.5:0.92 BA:25.4 SPH:1932 THINVOL:130	MVI12.5:0.92 BA:24.8 SPH:2083 THINVOL:127	MVI12.5:0.92 BA:24.3 SPH:2228 THINVOL:126	MVI12.5:0.92 BA:23.6 SPH:2326 THINVOL:124	MVI12.5:0.92 BA:23.0 SPH:2491 THINVOL:122	MVI12.5:0.93 BA:22.6 SPH:2662 THINVOL:120
20	MVI12.5:0.91 BA:24.3 SPH:583 THINVOL:146	MVI12.5:0.92 BA:27.0 SPH:761 THINVOL:160	MVI12.5:0.93 BA:28.4 SPH:898 THINVOL:167	MVI12.5:0.93 BA:29.4 SPH:1018 THINVOL:171	MVI12.5:0.93 BA:30.2 SPH:1189 THINVOL:172	MVI12.5:0.92 BA:30.1 SPH:1311 THINVOL:172	MVI12.5:0.94 BA:30.3 SPH:1502 THINVOL:172	MVI12.5:0.93 BA:29.7 SPH:1640 THINVOL:169	MVI12.5:0.93 BA:29.1 SPH:1781 THINVOL:167	MVI12.5:0.92 BA:28.8 SPH:1923 THINVOL:165	MVI12.5:0.93 BA:28.1 SPH:2072 THINVOL:163	MVI12.5:0.93 BA:27.6 SPH:2207 THINVOL:162	MVI12.5:0.92 BA:26.9 SPH:2304 THINVOL:159	MVI12.5:0.93 BA:26.6 SPH:2451 THINVOL:159	MVI12.5:0.93 BA:25.9 SPH:2605 THINVOL:155
22	MVI12.5:0.92 BA:27.8 SPH:583 THINVOL:182	MVI12.5:0.93 BA:30.3 SPH:761 THINVOL:196	MVI12.5:0.93 BA:31.7 SPH:897 THINVOL:203	MVI12.5:0.93 BA:32.6 SPH:1019 THINVOL:206	MVI12.5:0.94 BA:33.4 SPH:1186 THINVOL:208	MVI12.5:0.93 BA:33.4 SPH:1311 THINVOL:208	MVI12.5:0.94 BA:33.6 SPH:1495 THINVOL:208	MVI12.5:0.93 BA:33.0 SPH:1622 THINVOL:205	MVI12.5:0.93 BA:32.2 SPH:1753 THINVOL:202	MVI12.5:0.93 BA:32.0 SPH:1884 THINVOL:201	MVI12.5:0.93 BA:31.4 SPH:2015 THINVOL:199	MVI12.5:0.93 BA:30.8 SPH:2129 THINVOL:197	MVI12.5:0.92 BA:30.3 SPH:2194 THINVOL:196	MVI12.5:0.93 BA:30.0 SPH:2311 THINVOL:196	MVI12.5:0.94 BA:29.3 SPH:2457 THINVOL:192
24	MVI12.5:0.92 BA:31.2 SPH:585 THINVOL:220	MVI12.5:0.93 BA:33.7 SPH:761 THINVOL:235	MVI12.5:0.94 BA:35.0 SPH:897 THINVOL:241	MVI12.5:0.93 BA:35.8 SPH:1016 THINVOL:244	MVI12.5:0.94 BA:36.8 SPH:1184 THINVOL:246	MVI12.5:0.93 BA:36.6 SPH:1301 THINVOL:246	MVI12.5:0.95 BA:36.6 SPH:1463 THINVOL:245	MVI12.5:0.94 BA:36.2 SPH:1580 THINVOL:243	MVI12.5:0.94 BA:35.6 SPH:1681 THINVOL:241	MVI12.5:0.93 BA:35.3 SPH:1784 THINVOL:239	MVI12.5:0.93 BA:34.5 SPH:1896 THINVOL:236	MVI12.5:0.93 BA:34.2 SPH:1971 THINVOL:236	MVI12.5:0.92 BA:33.5 SPH:1992 THINVOL:233	MVI12.5:0.93 BA:33.2 SPH:2054 THINVOL:234	MVI12.5:0.94 BA:32.5 SPH:2157 THINVOL:230
26	MVI12.5:0.93 BA:34.7 SPH:585 THINVOL:262	MVI12.5:0.93 BA:37.1 SPH:761 THINVOL:276	MVI12.5:0.94 BA:38.3 SPH:893 THINVOL:282	MVI12.5:0.93 BA:39.1 SPH:1010 THINVOL:284	MVI12.5:0.95 BA:39.8 SPH:1170 THINVOL:286	MVI12.5:0.94 BA:39.8 SPH:1289 THINVOL:286	MVI12.5:0.95 BA:39.8 SPH:1421 THINVOL:285	MVI12.5:0.95 BA:39.4 SPH:1522 THINVOL:283	MVI12.5:0.94 BA:38.7 SPH:1616 THINVOL:281	MVI12.5:0.93 BA:38.4 SPH:1690 THINVOL:280	MVI12.5:0.94 BA:37.8 SPH:1781 THINVOL:278	MVI12.5:0.94 BA:37.3 SPH:1844 THINVOL:276	MVI12.5:0.93 BA:36.8 SPH:1832 THINVOL:275	MVI12.5:0.93 BA:36.5 SPH:1851 THINVOL:276	MVI12.5:0.94 BA:35.9 SPH:1965 THINVOL:272
28	MVI12.5:0.93 BA:38.3 SPH:585 THINVOL:307	MVI12.5:0.94 BA:40.6 SPH:759 THINVOL:320	MVI12.5:0.95 BA:41.8 SPH:889 THINVOL:327	MVI12.5:0.94 BA:42.7 SPH:1006 THINVOL:330	MVI12.5:0.96 BA:43.3 SPH:1158 THINVOL:331	MVI12.5:0.95 BA:43.2 SPH:1259 THINVOL:331	MVI12.5:0.96 BA:43.1 SPH:1383 THINVOL:329	MVI12.5:0.96 BA:42.8 SPH:1454 THINVOL:328	MVI12.5:0.95 BA:42.2 SPH:1537 THINVOL:327	MVI12.5:0.94 BA:41.9 SPH:1557 THINVOL:326	MVI12.5:0.95 BA:41.3 SPH:1669 THINVOL:323	MVI12.5:0.95 BA:40.7 SPH:1682 THINVOL:321	MVI12.5:0.93 BA:40.1 SPH:1685 THINVOL:320	MVI12.5:0.94 BA:39.9 SPH:1707 THINVOL:321	MVI12.5:0.95 BA:39.3 SPH:1765 THINVOL:317
30	MVI12.5:0.93 BA:42.0 SPH:585 THINVOL:357	MVI12.5:0.94 BA:44.2 SPH:756 THINVOL:369	MVI12.5:0.95 BA:45.5 SPH:883 THINVOL:376	MVI12.5:0.95 BA:46.3 SPH:992 THINVOL:379	MVI12.5:0.97 BA:46.9 SPH:1131 THINVOL:381	MVI12.5:0.95 BA:46.6 SPH:1206 THINVOL:380	MVI12.5:0.97 BA:46.6 SPH:1310 THINVOL:378	MVI12.5:0.96 BA:46.1 SPH:1373 THINVOL:376	MVI12.5:0.96 BA:45.6 SPH:1428 THINVOL:376	MVI12.5:0.95 BA:45.2 SPH:1424 THINVOL:375	MVI12.5:0.95 BA:44.4 SPH:1502 THINVOL:371	MVI12.5:0.96 BA:44.2 SPH:1514 THINVOL:371	MVI12.5:0.94 BA:43.7 SPH:1543 THINVOL:369	MVI12.5:0.95 BA:43.5 SPH:1524 THINVOL:371	MVI12.5:0.95 BA:42.9 SPH:1593 THINVOL:366
32	MVI12.5:0.93 BA:45.9 SPH:586 THINVOL:411	MVI12.5:0.94 BA:48.0 SPH:755 THINVOL:422	MVI12.5:0.95 BA:49.2 SPH:871 THINVOL:429	MVI12.5:0.96 BA:49.7 SPH:953 THINVOL:432	MVI12.5:0.97 BA:50.3 SPH:1083 THINVOL:433	MVI12.5:0.96 BA:49.9 SPH:1144 THINVOL:432	MVI12.5:0.98 BA:49.8 SPH:1238 THINVOL:430	MVI12.5:0.97 BA:49.3 SPH:1278 THINVOL:428	MVI12.5:0.96 BA:48.6 SPH:1285 THINVOL:428	MVI12.5:0.95 BA:48.4 SPH:1311 THINVOL:427	MVI12.5:0.96 BA:47.8 SPH:1362 THINVOL:423	MVI12.5:0.96 BA:47.3 SPH:1396 THINVOL:421	MVI12.5:0.94 BA:47.0 SPH:1354 THINVOL:422	MVI12.5:0.95 BA:46.8 SPH:1363 THINVOL:423	MVI12.5:0.96 BA:46.3 SPH:1429 THINVOL:419
36	MVI12.5:0.95 BA:54.0 SPH:584 THINVOL:531	MVI12.5:0.96 BA:55.7 SPH:736 THINVOL:541	MVI12.5:0.98 BA:56.5 SPH:827 THINVOL:548	MVI12.5:0.97 BA:56.7 SPH:885 THINVOL:548	MVI12.5:0.98 BA:56.6 SPH:961 THINVOL:547	MVI12.5:0.97 BA:56.4 SPH:990 THINVOL:545	MVI12.5:0.98 BA:55.9 SPH:1048 THINVOL:542	MVI12.5:0.98 BA:55.4 SPH:1086 THINVOL:540	MVI12.5:0.97 BA:54.9 SPH:1046 THINVOL:542	MVI12.5:0.96 BA:54.8 SPH:1067 THINVOL:543	MVI12.5:0.97 BA:54.3 SPH:1105 THINVOL:537	MVI12.5:0.97 BA:53.7 SPH:1128 THINVOL:534	MVI12.5:0.96 BA:53.7 SPH:1119 THINVOL:537	MVI12.5:0.97 BA:53.6 SPH:1106 THINVOL:539	MVI12.5:0.98 BA:53.0 SPH:1128 THINVOL:533
40	MVI12.5:0.99 BA:62.5 SPH:577 THINVOL:670	MVI12.5:1.00 BA:63.6 SPH:705 THINVOL:675	MVI12.5:1.00 BA:63.9 SPH:763 THINVOL:681	MVI12.5:1.00 BA:63.2 SPH:782 THINVOL:676	MVI12.5:1.01 BA:63.0 SPH:826 THINVOL:675	MVI12.5:0.99 BA:62.7 SPH:858 THINVOL:673	MVI12.5:1.01 BA:62.1 SPH:888 THINVOL:668	MVI12.5:1.00 BA:61.9 SPH:906 THINVOL:670	MVI12.5:0.99 BA:61.2 SPH:865 THINVOL:670	MVI12.5:0.98 BA:61.4 SPH:887 THINVOL:673	MVI12.5:0.99 BA:60.6 SPH:907 THINVOL:664	MVI12.5:0.99 BA:60.3 SPH:927 THINVOL:662	MVI12.5:0.97 BA:60.8 SPH:920 THINVOL:670	MVI12.5:1.00 BA:60.4 SPH:894 THINVOL:669	MVI12.5:1.01 BA:59.9 SPH:932 THINVOL:662

Modelled Volume Impact, thinning from below, removing a percentage of the pre-harvest basal area

MVI12.5 = modelled volume impact, only stems >=12.5cm dbh contribute // SPH = pre-thinning trees per hectare >=12.5cm dbh //

BA = basal area of trees >=12.5cm dbh (m2/ha) // THINVOL= modelled m3 removed at thinning (to 12.5cm dbh and 7.5cm top inside bark) // Shading: Darkest green = MVI is >0.95, It green = MVI =0.90-0.94

Modelled Volume impact compares the cumulative volume from the thinning plus a final clearcut felling at age 70, compared to a clearcut control at age 70.

Professional interpolation is appropriate when using a thinning age not presented in the following tables.

Species	Fdc	Modelled Establishment Density														
Thinning Age	25															
BA Removal	50%															
SI	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
18	MVI12.5:0.73	MVI12.5:0.75	MVI12.5:0.79	MVI12.5:0.79	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.88	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.90	
	BA:9.6	BA:10.9	BA:10.9	BA:10.8	BA:10.5	BA:9.7	BA:8.6	BA:7.8	BA:7.4	BA:6.1	BA:5.4	BA:5.1	BA:4.5	BA:4.5	BA:3.6	
	SPH:598	SPH:778	SPH:919	SPH:1041	SPH:1217	SPH:1343	SPH:1537	SPH:1681	SPH:1828	SPH:1980	SPH:2136	SPH:2283	SPH:2385	SPH:2559	SPH:2738	
20	THINVOL:30	THINVOL:33	THINVOL:33	THINVOL:33	THINVOL:32	THINVOL:30	THINVOL:26	THINVOL:24	THINVOL:23	THINVOL:19	THINVOL:17	THINVOL:16	THINVOL:15	THINVOL:14	THINVOL:12	
	MVI12.5:0.77	MVI12.5:0.80	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.85	MVI12.5:0.89	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.90	
	BA:12.2	BA:13.9	BA:14.6	BA:14.8	BA:14.9	BA:14.3	BA:13.5	BA:12.4	BA:11.8	BA:10.7	BA:10.0	BA:9.4	BA:8.9	BA:8.3	BA:7.6	
22	SPH:593	SPH:774	SPH:914	SPH:1037	SPH:1212	SPH:1336	SPH:1530	SPH:1672	SPH:1818	SPH:1970	SPH:2127	SPH:2273	SPH:2373	SPH:2546	SPH:2724	
	THINVOL:44	THINVOL:50	THINVOL:52	THINVOL:53	THINVOL:52	THINVOL:50	THINVOL:47	THINVOL:44	THINVOL:42	THINVOL:38	THINVOL:36	THINVOL:34	THINVOL:32	THINVOL:31	THINVOL:28	
	MVI12.5:0.81	MVI12.5:0.84	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.91	
24	BA:14.2	BA:16.3	BA:17.3	BA:18.1	BA:18.5	BA:18.2	BA:17.7	BA:16.9	BA:15.9	BA:15.2	BA:14.2	BA:13.7	BA:13.3	BA:12.7	BA:11.7	
	SPH:591	SPH:772	SPH:910	SPH:1034	SPH:1207	SPH:1332	SPH:1525	SPH:1666	SPH:1812	SPH:1963	SPH:2120	SPH:2265	SPH:2366	SPH:2539	SPH:2716	
	THINVOL:59	THINVOL:67	THINVOL:70	THINVOL:73	THINVOL:74	THINVOL:72	THINVOL:70	THINVOL:67	THINVOL:64	THINVOL:61	THINVOL:57	THINVOL:56	THINVOL:55	THINVOL:53	THINVOL:49	
26	MVI12.5:0.83	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.92	
	BA:16.2	BA:18.4	BA:19.7	BA:20.4	BA:21.3	BA:21.0	BA:20.8	BA:20.1	BA:19.6	BA:18.8	BA:18.0	BA:17.4	BA:16.7	BA:16.5	BA:15.4	
	SPH:592	SPH:770	SPH:909	SPH:1030	SPH:1205	SPH:1328	SPH:1522	SPH:1663	SPH:1808	SPH:1959	SPH:2115	SPH:2260	SPH:2361	SPH:2533	SPH:2711	
28	THINVOL:76	THINVOL:85	THINVOL:90	THINVOL:93	THINVOL:95	THINVOL:94	THINVOL:92	THINVOL:90	THINVOL:88	THINVOL:84	THINVOL:82	THINVOL:79	THINVOL:77	THINVOL:77	THINVOL:72	
	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	
	BA:18.1	BA:20.6	BA:21.8	BA:22.6	BA:23.5	BA:23.2	BA:23.3	BA:22.7	BA:22.0	BA:21.6	BA:20.8	BA:20.2	BA:19.7	BA:19.3	BA:18.6	
30	SPH:591	SPH:770	SPH:909	SPH:1030	SPH:1204	SPH:1327	SPH:1521	SPH:1662	SPH:1807	SPH:1957	SPH:2112	SPH:2259	SPH:2359	SPH:2530	SPH:2705	
	THINVOL:94	THINVOL:105	THINVOL:111	THINVOL:114	THINVOL:117	THINVOL:115	THINVOL:115	THINVOL:112	THINVOL:110	THINVOL:108	THINVOL:104	THINVOL:102	THINVOL:101	THINVOL:100	THINVOL:97	
	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.94	
32	BA:20.1	BA:22.6	BA:24.0	BA:24.8	BA:25.6	BA:25.5	BA:25.5	BA:25.0	BA:24.4	BA:24.0	BA:23.4	BA:22.9	BA:22.1	BA:21.7	BA:21.3	
	SPH:591	SPH:770	SPH:909	SPH:1030	SPH:1205	SPH:1328	SPH:1521	SPH:1663	SPH:1807	SPH:1959	SPH:2111	SPH:2257	SPH:2359	SPH:2527	SPH:2701	
	THINVOL:113	THINVOL:126	THINVOL:132	THINVOL:136	THINVOL:139	THINVOL:138	THINVOL:137	THINVOL:135	THINVOL:133	THINVOL:131	THINVOL:128	THINVOL:126	THINVOL:124	THINVOL:123	THINVOL:121	
36	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.95	
	BA:22.1	BA:24.7	BA:26.1	BA:27.0	BA:27.7	BA:27.6	BA:27.7	BA:27.1	BA:26.5	BA:26.2	BA:25.3	BA:24.9	BA:24.4	BA:24.0	BA:23.4	
	SPH:591	SPH:771	SPH:909	SPH:1031	SPH:1205	SPH:1328	SPH:1522	SPH:1664	SPH:1808	SPH:1957	SPH:2107	SPH:2252	SPH:2353	SPH:2519	SPH:2691	
40	THINVOL:134	THINVOL:148	THINVOL:155	THINVOL:159	THINVOL:162	THINVOL:161	THINVOL:161	THINVOL:158	THINVOL:155	THINVOL:153	THINVOL:150	THINVOL:149	THINVOL:147	THINVOL:147	THINVOL:144	
	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95	
	BA:24.2	BA:26.8	BA:28.2	BA:28.9	BA:29.8	BA:29.5	BA:29.7	BA:29.0	BA:28.4	BA:28.0	BA:27.4	BA:26.9	BA:26.3	BA:26.1	BA:25.5	
36	SPH:592	SPH:771	SPH:914	SPH:1031	SPH:1206	SPH:1330	SPH:1522	SPH:1661	SPH:1803	SPH:1949	SPH:2098	SPH:2236	SPH:2333	SPH:2484	SPH:2640	
	THINVOL:156	THINVOL:171	THINVOL:179	THINVOL:182	THINVOL:185	THINVOL:184	THINVOL:183	THINVOL:180	THINVOL:178	THINVOL:176	THINVOL:173	THINVOL:172	THINVOL:170	THINVOL:170	THINVOL:167	
	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.96	
40	BA:28.4	BA:30.9	BA:32.3	BA:33.0	BA:33.6	BA:33.6	BA:33.4	BA:32.9	BA:32.2	BA:31.8	BA:31.4	BA:30.8	BA:30.4	BA:30.2	BA:29.5	
	SPH:595	SPH:773	SPH:913	SPH:1033	SPH:1205	SPH:1331	SPH:1512	SPH:1644	SPH:1773	SPH:1907	SPH:2038	SPH:2134	SPH:2202	SPH:2294	SPH:2455	
	THINVOL:203	THINVOL:219	THINVOL:226	THINVOL:229	THINVOL:231	THINVOL:231	THINVOL:230	THINVOL:227	THINVOL:224	THINVOL:222	THINVOL:221	THINVOL:219	THINVOL:218	THINVOL:218	THINVOL:214	
40	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:1.01	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:0.98	
	BA:32.7	BA:35.2	BA:36.4	BA:37.1	BA:37.7	BA:37.4	BA:37.5	BA:36.8	BA:36.2	BA:35.9	BA:35.2	BA:34.9	BA:34.5	BA:34.2	BA:33.7	
	SPH:595	SPH:777	SPH:913	SPH:1033	SPH:1204	SPH:1319	SPH:1479	SPH:1592	SPH:1697	SPH:1791	SPH:1914	SPH:1985	SPH:2003	SPH:2069	SPH:2163	
	THINVOL:254	THINVOL:271	THINVOL:278	THINVOL:280	THINVOL:282	THINVOL:282	THINVOL:281	THINVOL:277	THINVOL:275	THINVOL:274	THINVOL:271	THINVOL:271	THINVOL:269	THINVOL:270	THINVOL:266	

Species	Fdc														
Thinning Age	30														
BA Removal	50%														
SI	Modelled Establishment Density														
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.77	MVI12.5:0.80	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.89
	BA:13.5	BA:15.6	BA:16.6	BA:17.0	BA:17.5	BA:17.1	BA:16.5	BA:15.6	BA:14.9	BA:13.9	BA:12.9	BA:12.4	BA:11.9	BA:11.1	BA:10.2
	SPH:591	SPH:770	SPH:909	SPH:1031	SPH:1204	SPH:1329	SPH:1522	SPH:1664	SPH:1809	SPH:1960	SPH:2114	SPH:2259	SPH:2361	SPH:2532	SPH:2711
	THINVOL:52	THINVOL:59	THINVOL:62	THINVOL:63	THINVOL:64	THINVOL:62	THINVOL:60	THINVOL:57	THINVOL:55	THINVOL:51	THINVOL:48	THINVOL:46	THINVOL:45	THINVOL:42	THINVOL:39
20	MVI12.5:0.80	MVI12.5:0.83	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90
	BA:15.8	BA:18.1	BA:19.3	BA:20.2	BA:21.0	BA:20.7	BA:20.5	BA:19.9	BA:19.2	BA:18.5	BA:17.6	BA:17.1	BA:16.3	BA:16.0	BA:14.7
	SPH:588	SPH:768	SPH:906	SPH:1028	SPH:1201	SPH:1325	SPH:1517	SPH:1658	SPH:1802	SPH:1953	SPH:2109	SPH:2253	SPH:2353	SPH:2525	SPH:2700
	THINVOL:70	THINVOL:79	THINVOL:84	THINVOL:87	THINVOL:89	THINVOL:87	THINVOL:86	THINVOL:83	THINVOL:81	THINVOL:78	THINVOL:75	THINVOL:73	THINVOL:71	THINVOL:70	THINVOL:65
22	MVI12.5:0.83	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91
	BA:18.2	BA:20.5	BA:21.9	BA:22.9	BA:23.7	BA:23.6	BA:23.8	BA:23.1	BA:22.3	BA:21.9	BA:21.2	BA:20.6	BA:20.1	BA:19.7	BA:18.8
	SPH:588	SPH:766	SPH:905	SPH:1027	SPH:1199	SPH:1323	SPH:1515	SPH:1655	SPH:1800	SPH:1950	SPH:2106	SPH:2250	SPH:2351	SPH:2522	SPH:2696
	THINVOL:91	THINVOL:102	THINVOL:107	THINVOL:111	THINVOL:113	THINVOL:113	THINVOL:112	THINVOL:110	THINVOL:107	THINVOL:104	THINVOL:102	THINVOL:100	THINVOL:98	THINVOL:98	THINVOL:94
24	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91
	BA:20.5	BA:23.0	BA:24.5	BA:25.3	BA:26.4	BA:26.2	BA:26.2	BA:25.7	BA:25.1	BA:24.7	BA:23.9	BA:23.6	BA:22.8	BA:22.5	BA:21.9
	SPH:590	SPH:767	SPH:905	SPH:1027	SPH:1200	SPH:1323	SPH:1517	SPH:1656	SPH:1801	SPH:1949	SPH:2103	SPH:2249	SPH:2349	SPH:2520	SPH:2690
	THINVOL:114	THINVOL:126	THINVOL:133	THINVOL:136	THINVOL:140	THINVOL:138	THINVOL:138	THINVOL:135	THINVOL:133	THINVOL:131	THINVOL:128	THINVOL:127	THINVOL:124	THINVOL:124	THINVOL:121
26	MVI12.5:0.88	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93
	BA:23.0	BA:25.6	BA:26.9	BA:27.8	BA:28.6	BA:28.5	BA:28.6	BA:28.1	BA:27.4	BA:27.0	BA:26.4	BA:25.9	BA:25.4	BA:24.9	BA:24.4
	SPH:590	SPH:768	SPH:906	SPH:1027	SPH:1201	SPH:1324	SPH:1517	SPH:1656	SPH:1800	SPH:1946	SPH:2098	SPH:2242	SPH:2342	SPH:2505	SPH:2669
	THINVOL:138	THINVOL:153	THINVOL:159	THINVOL:163	THINVOL:165	THINVOL:164	THINVOL:164	THINVOL:162	THINVOL:159	THINVOL:157	THINVOL:155	THINVOL:153	THINVOL:152	THINVOL:151	THINVOL:148
28	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.92
	BA:25.4	BA:28.0	BA:29.4	BA:30.3	BA:31.0	BA:30.9	BA:31.0	BA:30.5	BA:29.8	BA:29.5	BA:28.9	BA:28.4	BA:27.7	BA:27.4	BA:26.9
	SPH:590	SPH:768	SPH:906	SPH:1027	SPH:1202	SPH:1325	SPH:1514	SPH:1651	SPH:1793	SPH:1935	SPH:2080	SPH:2206	SPH:2307	SPH:2456	SPH:2605
	THINVOL:164	THINVOL:179	THINVOL:186	THINVOL:190	THINVOL:192	THINVOL:192	THINVOL:191	THINVOL:189	THINVOL:186	THINVOL:184	THINVOL:182	THINVOL:181	THINVOL:178	THINVOL:178	THINVOL:175
30	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.93
	BA:27.9	BA:30.5	BA:31.8	BA:32.7	BA:33.4	BA:33.3	BA:33.4	BA:32.8	BA:32.2	BA:31.9	BA:31.1	BA:30.8	BA:30.1	BA:29.9	BA:29.3
	SPH:590	SPH:769	SPH:907	SPH:1028	SPH:1200	SPH:1322	SPH:1514	SPH:1643	SPH:1774	SPH:1904	SPH:2028	SPH:2155	SPH:2230	SPH:2339	SPH:2491
	THINVOL:191	THINVOL:207	THINVOL:214	THINVOL:218	THINVOL:220	THINVOL:219	THINVOL:219	THINVOL:216	THINVOL:214	THINVOL:212	THINVOL:209	THINVOL:208	THINVOL:206	THINVOL:207	THINVOL:203
32	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.94
	BA:30.4	BA:32.9	BA:34.3	BA:35.0	BA:35.8	BA:35.6	BA:35.6	BA:35.0	BA:34.4	BA:34.1	BA:33.4	BA:33.0	BA:32.4	BA:32.3	BA:31.7
	SPH:591	SPH:769	SPH:911	SPH:1026	SPH:1197	SPH:1317	SPH:1494	SPH:1615	SPH:1730	SPH:1841	SPH:1962	SPH:2063	SPH:2078	SPH:2180	SPH:2288
	THINVOL:220	THINVOL:236	THINVOL:243	THINVOL:246	THINVOL:248	THINVOL:248	THINVOL:247	THINVOL:244	THINVOL:242	THINVOL:240	THINVOL:238	THINVOL:237	THINVOL:234	THINVOL:235	THINVOL:232
36	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.96
	BA:35.6	BA:38.0	BA:39.3	BA:40.0	BA:40.5	BA:40.5	BA:40.3	BA:39.8	BA:39.2	BA:38.9	BA:38.4	BA:37.8	BA:37.5	BA:37.3	BA:36.5
	SPH:593	SPH:770	SPH:907	SPH:1023	SPH:1185	SPH:1302	SPH:1439	SPH:1548	SPH:1636	SPH:1709	SPH:1816	SPH:1858	SPH:1882	SPH:1903	SPH:2022
	THINVOL:284	THINVOL:299	THINVOL:306	THINVOL:309	THINVOL:310	THINVOL:310	THINVOL:308	THINVOL:306	THINVOL:304	THINVOL:303	THINVOL:301	THINVOL:299	THINVOL:298	THINVOL:299	THINVOL:294
40	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:1.00
	BA:41.1	BA:43.4	BA:44.5	BA:45.2	BA:45.8	BA:45.5	BA:45.4	BA:44.8	BA:44.4	BA:43.9	BA:43.2	BA:43.0	BA:42.7	BA:42.4	BA:41.9
	SPH:593	SPH:773	SPH:898	SPH:1013	SPH:1167	SPH:1255	SPH:1371	SPH:1436	SPH:1507	SPH:1532	SPH:1626	SPH:1643	SPH:1651	SPH:1681	SPH:1734
	THINVOL:356	THINVOL:371	THINVOL:377	THINVOL:380	THINVOL:382	THINVOL:381	THINVOL:379	THINVOL:377	THINVOL:376	THINVOL:374	THINVOL:371	THINVOL:371	THINVOL:370	THINVOL:371	THINVOL:366

Species	Fdc														
Thinning Age	35														
BA Removal	50%														
SI	Modelled Establishment Density														
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.80	MVI12.5:0.83	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90
	BA:16.3	BA:18.7	BA:20.0	BA:20.8	BA:21.6	BA:21.5	BA:21.4	BA:20.9	BA:20.1	BA:19.4	BA:18.7	BA:18.1	BA:17.4	BA:16.7	BA:16.0
	SPH:587	SPH:764	SPH:903	SPH:1024	SPH:1197	SPH:1320	SPH:1511	SPH:1653	SPH:1797	SPH:1946	SPH:2100	SPH:2244	SPH:2345	SPH:2516	SPH:2692
	THINVOL:73	THINVOL:82	THINVOL:87	THINVOL:90	THINVOL:92	THINVOL:91	THINVOL:90	THINVOL:87	THINVOL:85	THINVOL:82	THINVOL:79	THINVOL:77	THINVOL:75	THINVOL:73	THINVOL:70
20	MVI12.5:0.83	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91
	BA:18.9	BA:21.5	BA:22.8	BA:23.8	BA:24.7	BA:24.5	BA:24.7	BA:24.0	BA:23.4	BA:23.2	BA:22.3	BA:21.9	BA:21.1	BA:20.7	BA:20.0
	SPH:586	SPH:764	SPH:902	SPH:1023	SPH:1195	SPH:1319	SPH:1509	SPH:1651	SPH:1794	SPH:1945	SPH:2098	SPH:2243	SPH:2342	SPH:2512	SPH:2684
	THINVOL:96	THINVOL:108	THINVOL:114	THINVOL:117	THINVOL:120	THINVOL:119	THINVOL:118	THINVOL:116	THINVOL:113	THINVOL:112	THINVOL:109	THINVOL:107	THINVOL:105	THINVOL:104	THINVOL:100
22	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.92
	BA:21.7	BA:24.2	BA:25.7	BA:26.7	BA:27.5	BA:27.5	BA:27.8	BA:27.1	BA:26.4	BA:26.1	BA:25.4	BA:24.8	BA:24.3	BA:24.0	BA:23.2
	SPH:586	SPH:764	SPH:902	SPH:1024	SPH:1196	SPH:1319	SPH:1510	SPH:1650	SPH:1794	SPH:1944	SPH:2099	SPH:2240	SPH:2339	SPH:2507	SPH:2674
	THINVOL:123	THINVOL:136	THINVOL:142	THINVOL:146	THINVOL:149	THINVOL:148	THINVOL:148	THINVOL:145	THINVOL:142	THINVOL:141	THINVOL:138	THINVOL:137	THINVOL:135	THINVOL:135	THINVOL:131
24	MVI12.5:0.88	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.93
	BA:24.5	BA:27.1	BA:28.5	BA:29.4	BA:30.4	BA:30.2	BA:30.3	BA:29.8	BA:29.2	BA:28.9	BA:28.0	BA:27.7	BA:27.0	BA:26.7	BA:26.0
	SPH:588	SPH:765	SPH:903	SPH:1024	SPH:1197	SPH:1320	SPH:1511	SPH:1650	SPH:1793	SPH:1934	SPH:2086	SPH:2217	SPH:2314	SPH:2473	SPH:2627
	THINVOL:151	THINVOL:165	THINVOL:172	THINVOL:176	THINVOL:179	THINVOL:178	THINVOL:177	THINVOL:175	THINVOL:173	THINVOL:171	THINVOL:168	THINVOL:167	THINVOL:165	THINVOL:165	THINVOL:161
26	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.92
	BA:27.4	BA:29.9	BA:31.2	BA:32.1	BA:32.8	BA:32.7	BA:32.9	BA:32.4	BA:31.7	BA:31.3	BA:30.7	BA:30.2	BA:29.7	BA:29.3	BA:28.8
	SPH:588	SPH:766	SPH:904	SPH:1023	SPH:1195	SPH:1319	SPH:1508	SPH:1635	SPH:1772	SPH:1906	SPH:2047	SPH:2167	SPH:2241	SPH:2364	SPH:2516
	THINVOL:182	THINVOL:197	THINVOL:203	THINVOL:206	THINVOL:209	THINVOL:208	THINVOL:208	THINVOL:205	THINVOL:203	THINVOL:200	THINVOL:199	THINVOL:197	THINVOL:196	THINVOL:196	THINVOL:192
28	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94
	BA:30.2	BA:32.7	BA:34.0	BA:34.8	BA:35.5	BA:35.4	BA:35.5	BA:35.1	BA:34.4	BA:34.1	BA:33.5	BA:33.0	BA:32.3	BA:32.0	BA:31.5
	SPH:588	SPH:765	SPH:903	SPH:1022	SPH:1190	SPH:1316	SPH:1484	SPH:1611	SPH:1730	SPH:1835	SPH:1956	SPH:2035	SPH:2086	SPH:2179	SPH:2289
	THINVOL:213	THINVOL:228	THINVOL:235	THINVOL:239	THINVOL:240	THINVOL:240	THINVOL:239	THINVOL:237	THINVOL:235	THINVOL:233	THINVOL:231	THINVOL:230	THINVOL:227	THINVOL:228	THINVOL:224
30	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95
	BA:33.0	BA:35.5	BA:36.8	BA:37.7	BA:38.3	BA:38.3	BA:38.3	BA:37.7	BA:37.1	BA:36.8	BA:36.0	BA:35.8	BA:35.2	BA:34.9	BA:34.3
	SPH:588	SPH:765	SPH:902	SPH:1022	SPH:1188	SPH:1306	SPH:1464	SPH:1565	SPH:1676	SPH:1756	SPH:1865	SPH:1931	SPH:1955	SPH:1999	SPH:2102
	THINVOL:247	THINVOL:263	THINVOL:269	THINVOL:273	THINVOL:274	THINVOL:274	THINVOL:273	THINVOL:270	THINVOL:269	THINVOL:267	THINVOL:264	THINVOL:264	THINVOL:261	THINVOL:263	THINVOL:258
32	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.96
	BA:36.0	BA:38.4	BA:39.7	BA:40.4	BA:41.1	BA:41.0	BA:41.0	BA:40.4	BA:39.8	BA:39.5	BA:38.9	BA:38.4	BA:37.9	BA:37.7	BA:37.2
	SPH:589	SPH:766	SPH:904	SPH:1017	SPH:1180	SPH:1286	SPH:1433	SPH:1523	SPH:1609	SPH:1680	SPH:1782	SPH:1831	SPH:1833	SPH:1863	SPH:1944
	THINVOL:285	THINVOL:299	THINVOL:306	THINVOL:309	THINVOL:310	THINVOL:310	THINVOL:309	THINVOL:307	THINVOL:305	THINVOL:303	THINVOL:301	THINVOL:300	THINVOL:298	THINVOL:299	THINVOL:295
36	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.97
	BA:42.3	BA:44.5	BA:45.8	BA:46.4	BA:46.9	BA:46.8	BA:46.6	BA:46.1	BA:45.6	BA:45.1	BA:44.7	BA:44.2	BA:43.9	BA:43.6	BA:43.0
	SPH:592	SPH:764	SPH:894	SPH:1001	SPH:1147	SPH:1213	SPH:1334	SPH:1398	SPH:1441	SPH:1463	SPH:1544	SPH:1570	SPH:1569	SPH:1576	SPH:1661
	THINVOL:367	THINVOL:380	THINVOL:387	THINVOL:390	THINVOL:391	THINVOL:391	THINVOL:389	THINVOL:386	THINVOL:387	THINVOL:385	THINVOL:382	THINVOL:381	THINVOL:380	THINVOL:381	THINVOL:376
40	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.02	MVI12.5:1.00	MVI12.5:1.02	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:1.00	MVI12.5:1.01
	BA:48.8	BA:50.9	BA:52.0	BA:52.2	BA:52.8	BA:52.4	BA:52.2	BA:51.7	BA:51.1	BA:50.8	BA:50.1	BA:49.8	BA:49.7	BA:49.5	BA:49.0
	SPH:591	SPH:763	SPH:871	SPH:947	SPH:1074	SPH:1130	SPH:1190	SPH:1236	SPH:1244	SPH:1265	SPH:1317	SPH:1338	SPH:1321	SPH:1339	SPH:1394
	THINVOL:461	THINVOL:473	THINVOL:480	THINVOL:481	THINVOL:483	THINVOL:481	THINVOL:479	THINVOL:477	THINVOL:477	THINVOL:476	THINVOL:471	THINVOL:471	THINVOL:472	THINVOL:473	THINVOL:468

Species	Fdc															
Thinning Age	40															
BA Removal	50%															
SI	Modelled Establishment Density															
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
18	MVI12.5:0.83	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91
	BA:18.8	BA:21.3	BA:22.8	BA:23.6	BA:24.6	BA:24.5	BA:24.7	BA:24.1	BA:23.3	BA:22.9	BA:22.3	BA:21.8	BA:21.1	BA:20.4	BA:19.9	
	SPH:585	SPH:762	SPH:899	SPH:1020	SPH:1192	SPH:1315	SPH:1505	SPH:1646	SPH:1790	SPH:1939	SPH:2091	SPH:2234	SPH:2335	SPH:2504	SPH:2677	
	THINVOL:94	THINVOL:105	THINVOL:110	THINVOL:113	THINVOL:116	THINVOL:115	THINVOL:115	THINVOL:112	THINVOL:110	THINVOL:107	THINVOL:105	THINVOL:103	THINVOL:101	THINVOL:100	THINVOL:97	
20	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92
	BA:21.8	BA:24.4	BA:25.8	BA:26.8	BA:27.7	BA:27.5	BA:27.8	BA:27.1	BA:26.5	BA:26.3	BA:25.5	BA:25.1	BA:24.4	BA:23.9	BA:23.3	
	SPH:584	SPH:763	SPH:900	SPH:1021	SPH:1192	SPH:1315	SPH:1506	SPH:1646	SPH:1789	SPH:1940	SPH:2090	SPH:2231	SPH:2331	SPH:2497	SPH:2669	
	THINVOL:122	THINVOL:135	THINVOL:141	THINVOL:145	THINVOL:148	THINVOL:147	THINVOL:147	THINVOL:144	THINVOL:141	THINVOL:140	THINVOL:137	THINVOL:136	THINVOL:134	THINVOL:133	THINVOL:130	
22	MVI12.5:0.88	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93
	BA:24.9	BA:27.5	BA:28.9	BA:29.9	BA:30.7	BA:30.7	BA:30.9	BA:30.3	BA:29.5	BA:29.3	BA:28.6	BA:28.0	BA:27.6	BA:27.2	BA:26.5	
	SPH:584	SPH:763	SPH:900	SPH:1022	SPH:1193	SPH:1316	SPH:1505	SPH:1644	SPH:1785	SPH:1930	SPH:2079	SPH:2200	SPH:2294	SPH:2446	SPH:2610	
	THINVOL:154	THINVOL:167	THINVOL:174	THINVOL:178	THINVOL:180	THINVOL:180	THINVOL:180	THINVOL:177	THINVOL:174	THINVOL:172	THINVOL:170	THINVOL:169	THINVOL:167	THINVOL:167	THINVOL:163	
24	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93
	BA:28.0	BA:30.6	BA:32.0	BA:32.8	BA:33.8	BA:33.6	BA:33.7	BA:33.2	BA:32.6	BA:32.3	BA:31.5	BA:31.2	BA:30.4	BA:30.2	BA:29.5	
	SPH:587	SPH:763	SPH:900	SPH:1022	SPH:1192	SPH:1315	SPH:1499	SPH:1628	SPH:1759	SPH:1881	SPH:2018	SPH:2137	SPH:2186	SPH:2313	SPH:2441	
	THINVOL:187	THINVOL:201	THINVOL:208	THINVOL:211	THINVOL:214	THINVOL:213	THINVOL:212	THINVOL:210	THINVOL:208	THINVOL:206	THINVOL:204	THINVOL:203	THINVOL:200	THINVOL:201	THINVOL:197	
26	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.94
	BA:31.2	BA:33.7	BA:35.0	BA:35.7	BA:36.5	BA:36.4	BA:36.5	BA:36.1	BA:35.4	BA:35.1	BA:34.5	BA:34.0	BA:33.5	BA:33.1	BA:32.6	
	SPH:587	SPH:763	SPH:901	SPH:1017	SPH:1187	SPH:1303	SPH:1473	SPH:1591	SPH:1697	SPH:1795	SPH:1900	SPH:1992	SPH:2030	SPH:2084	SPH:2192	
	THINVOL:223	THINVOL:238	THINVOL:243	THINVOL:246	THINVOL:248	THINVOL:248	THINVOL:247	THINVOL:245	THINVOL:243	THINVOL:241	THINVOL:239	THINVOL:238	THINVOL:236	THINVOL:236	THINVOL:233	
28	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.95
	BA:34.4	BA:36.8	BA:38.1	BA:38.9	BA:39.6	BA:39.5	BA:39.5	BA:39.1	BA:38.4	BA:38.2	BA:37.7	BA:37.1	BA:36.4	BA:36.2	BA:35.6	
	SPH:587	SPH:763	SPH:897	SPH:1012	SPH:1177	SPH:1290	SPH:1444	SPH:1529	SPH:1638	SPH:1713	SPH:1808	SPH:1849	SPH:1870	SPH:1902	SPH:1994	
	THINVOL:261	THINVOL:275	THINVOL:282	THINVOL:285	THINVOL:286	THINVOL:286	THINVOL:285	THINVOL:283	THINVOL:281	THINVOL:280	THINVOL:278	THINVOL:276	THINVOL:274	THINVOL:275	THINVOL:271	
30	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.96
	BA:37.7	BA:40.1	BA:41.4	BA:42.2	BA:42.8	BA:42.7	BA:42.7	BA:42.1	BA:41.7	BA:41.4	BA:40.6	BA:40.3	BA:39.7	BA:39.5	BA:38.8	
	SPH:587	SPH:763	SPH:895	SPH:1012	SPH:1168	SPH:1266	SPH:1397	SPH:1479	SPH:1572	SPH:1604	SPH:1693	SPH:1728	SPH:1736	SPH:1760	SPH:1848	
	THINVOL:303	THINVOL:317	THINVOL:323	THINVOL:326	THINVOL:328	THINVOL:328	THINVOL:326	THINVOL:324	THINVOL:323	THINVOL:322	THINVOL:319	THINVOL:318	THINVOL:316	THINVOL:317	THINVOL:313	
32	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.97
	BA:41.2	BA:43.4	BA:44.7	BA:45.4	BA:46.1	BA:45.9	BA:45.7	BA:45.3	BA:44.8	BA:44.3	BA:43.7	BA:43.2	BA:42.8	BA:42.6	BA:42.1	
	SPH:588	SPH:761	SPH:892	SPH:999	SPH:1151	SPH:1234	SPH:1343	SPH:1412	SPH:1462	SPH:1489	SPH:1561	SPH:1605	SPH:1586	SPH:1601	SPH:1676	
	THINVOL:348	THINVOL:361	THINVOL:368	THINVOL:371	THINVOL:372	THINVOL:372	THINVOL:370	THINVOL:368	THINVOL:368	THINVOL:366	THINVOL:363	THINVOL:362	THINVOL:361	THINVOL:362	THINVOL:358	
36	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.99
	BA:48.4	BA:50.4	BA:51.6	BA:51.9	BA:52.3	BA:52.0	BA:51.9	BA:51.3	BA:50.7	BA:50.5	BA:49.9	BA:49.4	BA:49.3	BA:49.1	BA:48.4	
	SPH:589	SPH:755	SPH:868	SPH:948	SPH:1061	SPH:1101	SPH:1193	SPH:1255	SPH:1225	SPH:1254	SPH:1304	SPH:1323	SPH:1315	SPH:1306	SPH:1361	
	THINVOL:450	THINVOL:461	THINVOL:469	THINVOL:470	THINVOL:471	THINVOL:469	THINVOL:468	THINVOL:465	THINVOL:466	THINVOL:466	THINVOL:461	THINVOL:459	THINVOL:461	THINVOL:462	THINVOL:456	
40	MVI12.5:0.99	MVI12.5:1.01	MVI12.5:1.02	MVI12.5:1.01	MVI12.5:1.03	MVI12.5:1.01	MVI12.5:1.03	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:0.99	MVI12.5:1.01	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:1.01	MVI12.5:1.02	MVI12.5:1.02
	BA:56.0	BA:57.5	BA:58.5	BA:58.4	BA:58.2	BA:57.7	BA:57.7	BA:57.2	BA:56.5	BA:56.4	BA:55.7	BA:55.5	BA:55.6	BA:55.3	BA:54.7	
	SPH:585	SPH:733	SPH:827	SPH:872	SPH:937	SPH:964	SPH:1031	SPH:1055	SPH:1020	SPH:1047	SPH:1070	SPH:1099	SPH:1087	SPH:1077	SPH:1105	
	THINVOL:566	THINVOL:574	THINVOL:582	THINVOL:582	THINVOL:579	THINVOL:577	THINVOL:576	THINVOL:575	THINVOL:575	THINVOL:576	THINVOL:569	THINVOL:568	THINVOL:572	THINVOL:572	THINVOL:566	

Species	Fdc															
Thinning Age	45															
BA Removal	50%															
SI	Modelled Establishment Density															
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
18	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	
	BA:21.0	BA:23.7	BA:25.1	BA:26.0	BA:26.9	BA:26.9	BA:27.1	BA:26.6	BA:25.8	BA:25.4	BA:24.8	BA:24.3	BA:23.6	BA:23.0	BA:22.6	
	SPH:584	SPH:760	SPH:897	SPH:1017	SPH:1188	SPH:1311	SPH:1501	SPH:1642	SPH:1785	SPH:1932	SPH:2083	SPH:2228	SPH:2326	SPH:2491	SPH:2662	
	THINVOL:114	THINVOL:126	THINVOL:132	THINVOL:135	THINVOL:138	THINVOL:137	THINVOL:137	THINVOL:137	THINVOL:134	THINVOL:132	THINVOL:130	THINVOL:127	THINVOL:126	THINVOL:124	THINVOL:122	THINVOL:120
20	MVI12.5:0.88	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93
	BA:24.3	BA:27.0	BA:28.4	BA:29.4	BA:30.2	BA:30.1	BA:30.3	BA:29.7	BA:29.1	BA:28.8	BA:28.1	BA:27.6	BA:26.9	BA:26.6	BA:25.9	
	SPH:583	SPH:761	SPH:898	SPH:1018	SPH:1189	SPH:1311	SPH:1502	SPH:1640	SPH:1781	SPH:1923	SPH:2072	SPH:2207	SPH:2304	SPH:2451	SPH:2605	
	THINVOL:146	THINVOL:160	THINVOL:167	THINVOL:171	THINVOL:172	THINVOL:172	THINVOL:172	THINVOL:169	THINVOL:167	THINVOL:165	THINVOL:163	THINVOL:162	THINVOL:159	THINVOL:159	THINVOL:159	THINVOL:155
22	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93
	BA:27.8	BA:30.3	BA:31.7	BA:32.6	BA:33.4	BA:33.4	BA:33.6	BA:33.0	BA:32.2	BA:32.0	BA:31.4	BA:30.8	BA:30.3	BA:30.0	BA:29.3	
	SPH:583	SPH:761	SPH:897	SPH:1019	SPH:1186	SPH:1311	SPH:1495	SPH:1622	SPH:1753	SPH:1884	SPH:2015	SPH:2129	SPH:2194	SPH:2311	SPH:2457	
	THINVOL:182	THINVOL:196	THINVOL:203	THINVOL:206	THINVOL:208	THINVOL:208	THINVOL:208	THINVOL:205	THINVOL:202	THINVOL:201	THINVOL:199	THINVOL:197	THINVOL:196	THINVOL:196	THINVOL:196	THINVOL:192
24	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.94
	BA:31.2	BA:33.7	BA:35.0	BA:35.8	BA:36.8	BA:36.6	BA:36.6	BA:36.2	BA:35.6	BA:35.3	BA:34.5	BA:34.2	BA:33.5	BA:33.2	BA:32.5	
	SPH:585	SPH:761	SPH:897	SPH:1016	SPH:1184	SPH:1301	SPH:1463	SPH:1580	SPH:1681	SPH:1784	SPH:1896	SPH:1971	SPH:1992	SPH:2054	SPH:2157	
	THINVOL:220	THINVOL:235	THINVOL:241	THINVOL:244	THINVOL:246	THINVOL:246	THINVOL:245	THINVOL:243	THINVOL:241	THINVOL:239	THINVOL:236	THINVOL:236	THINVOL:233	THINVOL:234	THINVOL:230	THINVOL:230
26	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95
	BA:34.7	BA:37.1	BA:38.3	BA:39.1	BA:39.8	BA:39.8	BA:39.8	BA:39.4	BA:38.7	BA:38.4	BA:37.8	BA:37.3	BA:36.8	BA:36.5	BA:35.9	
	SPH:585	SPH:761	SPH:893	SPH:1010	SPH:1170	SPH:1289	SPH:1421	SPH:1522	SPH:1616	SPH:1690	SPH:1781	SPH:1844	SPH:1832	SPH:1851	SPH:1965	
	THINVOL:262	THINVOL:276	THINVOL:282	THINVOL:284	THINVOL:286	THINVOL:286	THINVOL:285	THINVOL:283	THINVOL:281	THINVOL:280	THINVOL:278	THINVOL:276	THINVOL:275	THINVOL:276	THINVOL:276	THINVOL:272
28	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.96
	BA:38.3	BA:40.6	BA:41.8	BA:42.7	BA:43.3	BA:43.2	BA:43.1	BA:42.8	BA:42.2	BA:41.9	BA:41.3	BA:40.7	BA:40.1	BA:39.9	BA:39.3	
	SPH:585	SPH:759	SPH:889	SPH:1006	SPH:1158	SPH:1259	SPH:1383	SPH:1454	SPH:1537	SPH:1557	SPH:1669	SPH:1682	SPH:1685	SPH:1707	SPH:1765	
	THINVOL:307	THINVOL:320	THINVOL:327	THINVOL:330	THINVOL:331	THINVOL:331	THINVOL:329	THINVOL:328	THINVOL:327	THINVOL:326	THINVOL:323	THINVOL:321	THINVOL:320	THINVOL:321	THINVOL:317	THINVOL:317
30	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.97
	BA:42.0	BA:44.2	BA:45.5	BA:46.3	BA:46.9	BA:46.6	BA:46.6	BA:46.1	BA:45.6	BA:45.2	BA:44.4	BA:44.2	BA:43.7	BA:43.5	BA:42.9	
	SPH:585	SPH:756	SPH:883	SPH:992	SPH:1131	SPH:1206	SPH:1310	SPH:1373	SPH:1428	SPH:1424	SPH:1502	SPH:1514	SPH:1543	SPH:1524	SPH:1593	
	THINVOL:357	THINVOL:369	THINVOL:376	THINVOL:379	THINVOL:381	THINVOL:380	THINVOL:378	THINVOL:376	THINVOL:376	THINVOL:375	THINVOL:371	THINVOL:371	THINVOL:369	THINVOL:371	THINVOL:366	THINVOL:366
32	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.97
	BA:45.9	BA:48.0	BA:49.2	BA:49.7	BA:50.3	BA:49.9	BA:49.8	BA:49.3	BA:48.6	BA:48.4	BA:47.8	BA:47.3	BA:46.8	BA:46.3	BA:45.9	
	SPH:586	SPH:755	SPH:871	SPH:953	SPH:1083	SPH:1144	SPH:1238	SPH:1278	SPH:1285	SPH:1311	SPH:1362	SPH:1396	SPH:1354	SPH:1363	SPH:1429	
	THINVOL:411	THINVOL:422	THINVOL:429	THINVOL:432	THINVOL:433	THINVOL:432	THINVOL:430	THINVOL:428	THINVOL:428	THINVOL:428	THINVOL:427	THINVOL:423	THINVOL:421	THINVOL:422	THINVOL:423	THINVOL:419
36	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.99
	BA:54.0	BA:55.7	BA:56.5	BA:56.7	BA:56.6	BA:56.4	BA:55.9	BA:55.4	BA:54.9	BA:54.8	BA:54.3	BA:53.7	BA:53.7	BA:53.6	BA:53.0	
	SPH:584	SPH:736	SPH:827	SPH:885	SPH:961	SPH:990	SPH:1048	SPH:1086	SPH:1046	SPH:1067	SPH:1105	SPH:1128	SPH:1119	SPH:1106	SPH:1128	
	THINVOL:531	THINVOL:541	THINVOL:548	THINVOL:548	THINVOL:547	THINVOL:545	THINVOL:542	THINVOL:540	THINVOL:542	THINVOL:542	THINVOL:543	THINVOL:537	THINVOL:534	THINVOL:537	THINVOL:539	THINVOL:533
40	MVI12.5:1.00	MVI12.5:1.02	MVI12.5:1.02	MVI12.5:1.01	MVI12.5:1.04	MVI12.5:1.02	MVI12.5:1.03	MVI12.5:1.02	MVI12.5:1.02	MVI12.5:1.02	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.02
	BA:62.5	BA:63.6	BA:63.9	BA:63.2	BA:63.0	BA:62.7	BA:62.1	BA:61.9	BA:61.2	BA:61.4	BA:61.4	BA:60.6	BA:60.3	BA:60.8	BA:60.4	BA:59.9
	SPH:577	SPH:705	SPH:763	SPH:782	SPH:826	SPH:858	SPH:888	SPH:906	SPH:865	SPH:887	SPH:907	SPH:927	SPH:920	SPH:894	SPH:932	
	THINVOL:670	THINVOL:675	THINVOL:681	THINVOL:676	THINVOL:675	THINVOL:673	THINVOL:668	THINVOL:670	THINVOL:670	THINVOL:670	THINVOL:673	THINVOL:664	THINVOL:662	THINVOL:670	THINVOL:669	THINVOL:662

Modelled Volume Impact of 2 utilization levels, thinning from below, removing a percentage of the pre-harvest basal area

MVI12.5 = modelled volume impact, only stems >=12.5cm dbh contribute// MVI7.5 = modelled volume impact, stems >=7.5cm contribute // SPH = pre-thinning trees per hectare >=7.5cm dbh //

BA = basal area of trees >=7.5cm dbh (m2/ha) // Shading: Darkest green = MVI is >0.95, medium green = one MVI is >0.95, lt green = MVI =0.90-0.95 for at least one of the utilization limits

Modelled Volume impact compares the cumulative volume from the thinning plus a final clearcut felling at age 80, compared to a clearcut control at age 80.

Professional interpolation is appropriate when using a thinning age not presented in the following tables.

Species Thinning Age BA Removal	Fdi 35 40%	Modelled Establishment Density							
SI	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.68	MVI12.5:0.71	MVI12.5:0.72	MVI12.5:0.76	MVI12.5:0.78	MVI12.5:0.85	MVI12.5:0.85	MVI12.5:0.87	MVI12.5:0.91
	MVI7.5:0.70	MVI7.5:0.71	MVI7.5:0.72	MVI7.5:0.74	MVI7.5:0.76	MVI7.5:0.80	MVI7.5:0.80	MVI7.5:0.80	MVI7.5:0.82
	SPH:763	SPH:917	SPH:1027	SPH:1200	SPH:1322	SPH:1520	SPH:1658	SPH:180	SPH:1954
	BA:9.6	BA:11	BA:11.9	BA:13.3	BA:14.1	BA:15.2	BA:16	BA:16.7	BA:17.2
18	MVI12.5:0.70	MVI12.5:0.72	MVI12.5:0.73	MVI12.5:0.77	MVI12.5:0.79	MVI12.5:0.85	MVI12.5:0.85	MVI12.5:0.87	MVI12.5:0.90
	MVI7.5:0.71	MVI7.5:0.73	MVI7.5:0.74	MVI7.5:0.77	MVI7.5:0.78	MVI7.5:0.83	MVI7.5:0.82	MVI7.5:0.83	MVI7.5:0.84
	SPH:759	SPH:912	SPH:1022	SPH:1195	SPH:1314	SPH:1510	SPH:1649	SPH:1793	SPH:1943
	BA:11.9	BA:13.6	BA:14.5	BA:16.1	BA:16.8	BA:18.2	BA:18.9	BA:19.6	BA:20.1
20	MVI12.5:0.71	MVI12.5:0.73	MVI12.5:0.75	MVI12.5:0.78	MVI12.5:0.80	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.89
	MVI7.5:0.72	MVI7.5:0.75	MVI7.5:0.76	MVI7.5:0.79	MVI7.5:0.80	MVI7.5:0.84	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.87
	SPH:756	SPH:910	SPH:1019	SPH:1190	SPH:1312	SPH:1507	SPH:1644	SPH:1787	SPH:1937
	BA:14.3	BA:16.2	BA:17.2	BA:18.9	BA:19.7	BA:21	BA:21.8	BA:22.4	BA:22.8
22	MVI12.5:0.72	MVI12.5:0.75	MVI12.5:0.76	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.87	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.89
	MVI7.5:0.73	MVI7.5:0.76	MVI7.5:0.77	MVI7.5:0.80	MVI7.5:0.82	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.88
	SPH:754	SPH:909	SPH:1018	SPH:1190	SPH:1310	SPH:1505	SPH:1643	SPH:1786	SPH:1934
	BA:16.8	BA:18.8	BA:20	BA:21.6	BA:22.4	BA:23.8	BA:24.6	BA:25.3	BA:25.7
24	MVI12.5:0.73	MVI12.5:0.76	MVI12.5:0.78	MVI12.5:0.81	MVI12.5:0.83	MVI12.5:0.88	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.89
	MVI7.5:0.74	MVI7.5:0.77	MVI7.5:0.78	MVI7.5:0.81	MVI7.5:0.83	MVI7.5:0.88	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.90
	SPH:755	SPH:908	SPH:1018	SPH:1190	SPH:1311	SPH:1504	SPH:1643	SPH:1786	SPH:1934
	BA:19.4	BA:21.5	BA:22.6	BA:24.5	BA:25.2	BA:26.5	BA:27.4	BA:27.9	BA:28.5
26	MVI12.5:0.74	MVI12.5:0.77	MVI12.5:0.79	MVI12.5:0.82	MVI12.5:0.84	MVI12.5:0.89	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.90
	MVI7.5:0.75	MVI7.5:0.78	MVI7.5:0.80	MVI7.5:0.83	MVI7.5:0.85	MVI7.5:0.90	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.93
	SPH:756	SPH:910	SPH:1018	SPH:1190	SPH:1311	SPH:1506	SPH:1640	SPH:1787	SPH:1928
	BA:22.3	BA:24.5	BA:25.5	BA:27.3	BA:28	BA:29.4	BA:30.2	BA:30.8	BA:31.3

Species
Thinning Age
BA Removal

Fdi
40
40%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.70	MVI12.5:0.72	MVI12.5:0.74	MVI12.5:0.77	MVI12.5:0.80	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.91
	MVI7.5:0.73	MVI7.5:0.74	MVI7.5:0.76	MVI7.5:0.77	MVI7.5:0.79	MVI7.5:0.82	MVI7.5:0.82	MVI7.5:0.83	MVI7.5:0.84
	SPH:757	SPH:910	SPH:1019	SPH:1191	SPH:1311	SPH:1508	SPH:1645	SPH:1787	SPH:1938
	BA:11.7	BA:13.4	BA:14.4	BA:15.9	BA:16.7	BA:17.9	BA:18.7	BA:19.4	BA:19.9
18	MVI12.5:0.73	MVI12.5:0.74	MVI12.5:0.75	MVI12.5:0.78	MVI12.5:0.80	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.90
	MVI7.5:0.74	MVI7.5:0.76	MVI7.5:0.77	MVI7.5:0.79	MVI7.5:0.80	MVI7.5:0.85	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.86
	SPH:753	SPH:907	SPH:1016	SPH:1187	SPH:1306	SPH:1501	SPH:1639	SPH:1781	SPH:1930
	BA:14.4	BA:16.3	BA:17.3	BA:18.9	BA:19.7	BA:21.1	BA:21.9	BA:22.4	BA:22.9
20	MVI12.5:0.73	MVI12.5:0.76	MVI12.5:0.77	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.89
	MVI7.5:0.75	MVI7.5:0.77	MVI7.5:0.78	MVI7.5:0.80	MVI7.5:0.82	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.88
	SPH:753	SPH:907	SPH:1015	SPH:1186	SPH:1307	SPH:1501	SPH:1638.5	SPH:1780	SPH:1930
	BA:17.2	BA:19.2	BA:20.3	BA:22	BA:22.9	BA:24.2	BA:24.9	BA:25.6	BA:26
22	MVI12.5:0.75	MVI12.5:0.77	MVI12.5:0.78	MVI12.5:0.81	MVI12.5:0.83	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.89
	MVI7.5:0.76	MVI7.5:0.78	MVI7.5:0.79	MVI7.5:0.82	MVI7.5:0.83	MVI7.5:0.87	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.90
	SPH:753	SPH:907	SPH:1015	SPH:1187	SPH:1306	SPH:1501	SPH:1639	SPH:1780	SPH:1928
	BA:20.2	BA:22.3	BA:23.5	BA:25.1	BA:25.9	BA:27.4	BA:28.1	BA:28.8	BA:29.2
24	MVI12.5:0.76	MVI12.5:0.78	MVI12.5:0.80	MVI12.5:0.82	MVI12.5:0.84	MVI12.5:0.89	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.89
	MVI7.5:0.77	MVI7.5:0.79	MVI7.5:0.80	MVI7.5:0.83	MVI7.5:0.85	MVI7.5:0.89	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.91
	SPH:753	SPH:906	SPH:1016	SPH:1187	SPH:1307	SPH:1497	SPH:1638	SPH:1780	SPH:1920
	BA:23.3	BA:25.4	BA:26.5	BA:28.5	BA:29.2	BA:30.5	BA:31.4	BA:31.9	BA:32.4
26	MVI12.5:0.77	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.90	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.91
	MVI7.5:0.78	MVI7.5:0.80	MVI7.5:0.81	MVI7.5:0.84	MVI7.5:0.86	MVI7.5:0.91	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.94
	SPH:754	SPH:907	SPH:1016	SPH:1187	SPH:1307	SPH:1498	SPH:1629	SPH:1773	SPH:1910
	BA:26.7	BA:28.9	BA:29.9	BA:31.7	BA:32.4	BA:33.8	BA:34.5	BA:35	BA:35.4

Species
Thinning Age
BA Removal

Fdi
45
40%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.74	MVI12.5:0.75	MVI12.5:0.76	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.90
	MVI7.5:0.76	MVI7.5:0.77	MVI7.5:0.79	MVI7.5:0.80	MVI7.5:0.81	MVI7.5:0.85	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.86
	SPH:752	SPH:905	SPH:1013	SPH:1184.00	SPH:1303	SPH:1499	SPH:1635	SPH:1777	SPH:1926
	BA:13.7	BA:15.6	BA:16.7	BA:18.2	BA:19	BA:20.3	BA:21.1	BA:21.8	BA:22.3
18	MVI12.5:0.75	MVI12.5:0.77	MVI12.5:0.78	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.90
	MVI7.5:0.77	MVI7.5:0.79	MVI7.5:0.79	MVI7.5:0.81	MVI7.5:0.82	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.87
	SPH:751	SPH:903	SPH:1012	SPH:1183	SPH:1301	SPH:1496	SPH:1633	SPH:1775	SPH:1923
	BA:16.8	BA:18.8	BA:19.8	BA:21.5	BA:22.3	BA:23.8	BA:24.5	BA:25.1	BA:25.5
20	MVI12.5:0.76	MVI12.5:0.78	MVI12.5:0.80	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.89
	MVI7.5:0.78	MVI7.5:0.79	MVI7.5:0.81	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.87	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.89
	SPH:751	SPH:904	SPH:1012	SPH:1183	SPH:1303	SPH:1498	SPH:1633	SPH:1776	SPH:1924
	BA:20.1	BA:22.1	BA:23.2	BA:25	BA:25.8	BA:27.2	BA:28	BA:28.5	BA:29
22	MVI12.5:0.77	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.88	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.89
	MVI7.5:0.78	MVI7.5:0.80	MVI7.5:0.82	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.89	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.91
	SPH:751	SPH:904	SPH:1012	SPH:1184	SPH:1302	SPH:1494	SPH:1633	SPH:1774	SPH:1911
	BA:23.5	BA:25.6	BA:26.9	BA:28.5	BA:29.3	BA:30.7	BA:31.4	BA:32	BA:32.4
24	MVI12.5:0.78	MVI12.5:0.80	MVI12.5:0.82	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.89	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.90
	MVI7.5:0.79	MVI7.5:0.81	MVI7.5:0.82	MVI7.5:0.84	MVI7.5:0.86	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.92
	SPH:751	SPH:903	SPH:1013	SPH:1184	SPH:1301	SPH:1487	SPH:1627	SPH:1761	SPH:189
	BA:27	BA:29.2	BA:30.3	BA:32.3	BA:32.9	BA:34.2	BA:35	BA:35.4	BA:35.8
26	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.83	MVI12.5:0.85	MVI12.5:0.87	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91
	MVI7.5:0.80	MVI7.5:0.82	MVI7.5:0.84	MVI7.5:0.86	MVI7.5:0.88	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.94
	SPH:752	SPH:904	SPH:1013	SPH:1184	SPH:1301	SPH:1487	SPH:1611	SPH:1740	SPH:1877
	BA:30.9	BA:33.2	BA:34	BA:35.8	BA:36.4	BA:37.8	BA:38.4	BA:38.8	BA:39.3

Species
Thinning Age
BA Removal

Fdi
50
40%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.77	MVI12.5:0.79	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.83	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.91
	MVI7.5:0.79	MVI7.5:0.81	MVI7.5:0.81	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.87	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.88
	SPH:750	SPH:901	SPH:1009	SPH:1179	SPH:1298	SPH:1493	SPH:1628	SPH:1770	SPH:1918
	BA:15.7	BA:17.6	BA:18.8	BA:20.4	BA:21.2	BA:22.5	BA:23.2	BA:24	BA:24.5
18	MVI12.5:0.79	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.88	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.90
	MVI7.5:0.80	MVI7.5:0.81	MVI7.5:0.82	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.88	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.89
	SPH:749	SPH:901	SPH:1010	SPH:1180	SPH:1298	SPH:1491	SPH:1629	SPH:1771	SPH:1917
	BA:19.1	BA:21.3	BA:22.2	BA:24	BA:24.8	BA:26.3	BA:27	BA:27.6	BA:28
20	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.89	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.89
	MVI7.5:0.81	MVI7.5:0.82	MVI7.5:0.83	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.90
	SPH:75	SPH:902	SPH:1010	SPH:1180	SPH:1300	SPH:1492	SPH:1627	SPH:1771	SPH:1911
	BA:22.8	BA:25	BA:26.1	BA:27.9	BA:28.6	BA:30	BA:30.7	BA:31.4	BA:31.7
22	MVI12.5:0.80	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90
	MVI7.5:0.81	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.92
	SPH:749	SPH:901	SPH:1010	SPH:1180	SPH:1297	SPH:1485	SPH:1622	SPH:1757	SPH:1894
	BA:26.6	BA:28.9	BA:30	BA:31.7	BA:32.4	BA:33.9	BA:34.5	BA:35.1	BA:35.4
24	MVI12.5:0.81	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.90
	MVI7.5:0.82	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.88	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.93
	SPH:750	SPH:900	SPH:1011	SPH:1180	SPH:1296	SPH:1476	SPH:1611	SPH:1733	SPH:1868
	BA:30.6	BA:32.9	BA:33.8	BA:35.8	BA:36.4	BA:37.6	BA:38.3	BA:38.7	BA:39.1
26	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.85	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92
	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.86	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.95
	SPH:750	SPH:902	SPH:1010	SPH:1180	SPH:1294	SPH:1469	SPH:1588	SPH:1706	SPH:1820
	BA:34.8	BA:37.2	BA:38	BA:39.7	BA:40.3	BA:41.6	BA:42.1	BA:42.4	BA:42.6

Species
Thinning Age
BA Removal

Fdi
55
40%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.91
	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.84	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.89	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.90
	SPH:747	SPH:899	SPH:1006	SPH:1176	SPH:1295	SPH:1489	SPH:1624	SPH:1764	SPH:1912
	BA:17.6	BA:19.6	BA:20.7	BA:22.4	BA:23.2	BA:24.6	BA:25.3	BA:26	BA:26.5
18	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.90
	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.90	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.91
	SPH:747	SPH:899	SPH:1007	SPH:1177	SPH:1295	SPH:1486	SPH:1623	SPH:1766	SPH:1906
	BA:21.4	BA:23.6	BA:24.6	BA:26.3	BA:27.2	BA:28.6	BA:29.3	BA:29.9	BA:30.2
20	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90
	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.92
	SPH:748	SPH:900	SPH:1007	SPH:1177	SPH:1296	SPH:1483	SPH:1619	SPH:1760	SPH:1896
	BA:25.5	BA:27.6	BA:28.7	BA:30.5	BA:31.3	BA:32.6	BA:33.4	BA:33.9	BA:34.2
22	MVI12.5:0.83	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91
	MVI7.5:0.84	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.93
	SPH:747	SPH:899	SPH:1007	SPH:1177	SPH:1292	SPH:1475	SPH:1610	SPH:1740	SPH:1869
	BA:29.7	BA:31.9	BA:33.1	BA:34.8	BA:35.4	BA:36.7	BA:37.5	BA:38	BA:38.1
24	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92
	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.94
	SPH:748	SPH:898	SPH:1008	SPH:1177	SPH:1288	SPH:1460	SPH:1587	SPH:1694	SPH:1817
	BA:34	BA:36.2	BA:37.2	BA:39.1	BA:39.6	BA:40.8	BA:41.5	BA:41.6	BA:41.9
26	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93
	MVI7.5:0.85	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.96
	SPH:748	SPH:900	SPH:1006	SPH:1176	SPH:1279	SPH:1448	SPH:1555	SPH:1638	SPH:1757
	BA:38.6	BA:40.9	BA:41.6	BA:43.4	BA:43.8	BA:44.9	BA:45.3	BA:45.3	BA:45.5

Species
Thinning Age
BA Removal

Fdi
60
40%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.92
	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.92
	SPH:745	SPH:897	SPH:1004	SPH:1173	SPH:1291	SPH:1485	SPH:1619	SPH:1759	SPH:1907
	BA:19.5	BA:21.5	BA:22.6	BA:24.4	BA:25.1	BA:26.5	BA:27.2	BA:27.9	BA:28.3
18	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91
	MVI7.5:0.87	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.92	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92
	SPH:745	SPH:897	SPH:1005	SPH:1174	SPH:1291	SPH:1479	SPH:1616	SPH:1761	SPH:1897
	BA:23.6	BA:25.8	BA:26.8	BA:28.6	BA:29.4	BA:30.8	BA:31.5	BA:32	BA:32.4
20	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92
	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.94
	SPH:746	SPH:897	SPH:1005	SPH:1174	SPH:1291	SPH:1475	SPH:1611	SPH:1746	SPH:1870
	BA:28.1	BA:30.2	BA:31.3	BA:33	BA:33.8	BA:35.1	BA:35.8	BA:36.3	BA:36.5
22	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92
	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94
	SPH:745	SPH:897	SPH:1005	SPH:1174	SPH:1287	SPH:1460	SPH:1589	SPH:1717	SPH:1832
	BA:32.6	BA:34.8	BA:35.9	BA:37.6	BA:38.2	BA:39.4	BA:40	BA:40.6	BA:40.6
24	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93
	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.95
	SPH:74	SPH:896	SPH:1003	SPH:1171	SPH:1276	SPH:1447	SPH:1555	SPH:1653	SPH:1773
	BA:37.2	BA:39.4	BA:40.3	BA:42.3	BA:42.7	BA:43.8	BA:44.2	BA:44.3	BA:44.5
26	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.95
	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.97
	SPH:745	SPH:896	SPH:1002	SPH:1167	SPH:1267	SPH:1423	SPH:1512	SPH:1586	SPH:1684
	BA:42.1	BA:44.3	BA:45.1	BA:46.6	BA:47	BA:48	BA:48.3	BA:48.1	BA:48.1

Species
Thinning Age
BA Removal

Fdi
65
40%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93
	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94
	SPH:743	SPH:894	SPH:1001	SPH:1170	SPH:1287	SPH:1481	SPH:1614	SPH:1754	SPH:1896
	BA:21.3	BA:23.3	BA:24.5	BA:26.2	BA:26.9	BA:28.2	BA:29.1	BA:29.7	BA:30.1
18	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93
	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.94	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.94
	SPH:743	SPH:894	SPH:1002	SPH:1171	SPH:1287	SPH:1472	SPH:1609	SPH:1748	SPH:1879
	BA:25.7	BA:28	BA:28.9	BA:30.6	BA:31.5	BA:32.9	BA:33.5	BA:34.1	BA:34.3
20	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93
	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.95
	SPH:744	SPH:894	SPH:1001	SPH:1171	SPH:1287	SPH:1462	SPH:1599	SPH:1722	SPH:1845
	BA:30.5	BA:32.7	BA:33.7	BA:35.5	BA:36.1	BA:37.4	BA:38.1	BA:38.5	BA:38.7
22	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94
	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.96
	SPH:743	SPH:894	SPH:1001	SPH:1170	SPH:1276	SPH:1444	SPH:1570	SPH:1683	SPH:1786
	BA:35.3	BA:37.5	BA:38.6	BA:40.3	BA:40.7	BA:42	BA:42.6	BA:42.9	BA:42.8
24	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.95
	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.96
	SPH:744	SPH:893	SPH:996	SPH:1165	SPH:1263	SPH:1426	SPH:1520	SPH:1608	SPH:1711
	BA:40.3	BA:42.4	BA:43.1	BA:45.1	BA:45.4	BA:46.4	BA:46.7	BA:46.7	BA:46.7
26	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.96
	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.98
	SPH:743	SPH:893	SPH:998	SPH:1159	SPH:1248	SPH:1394	SPH:1465	SPH:1531	SPH:1619
	BA:45.4	BA:47.6	BA:48.2	BA:49.7	BA:49.9	BA:50.8	BA:50.9	BA:50.6	BA:50.5

Modelled Volume Impact of 2 utilization levels, thinning from below, removing a percentage of the pre-harvest basal area

MVI12.5 = modelled volume impact, only stems >=12.5cm dbh contribute// MVI7.5 = modelled volume impact, stems >=7.5cm contribute // SPH = pre-thinning trees per hectare >=7.5cm dbh //

BA = basal area of trees >=7.5cm dbh (m2/ha) // Shading: Darkest green = MVI is >0.95, medium green = one MVI is >0.95, lt green = MVI =0.90-0.95 for at least one of the utilization limits

Modelled Volume impact compares the cumulative volume from the thinning plus a final clearcut felling at age 80, compared to a clearcut control at age 80.

Professional interpolation is appropriate when using a thinning age not presented in the following tables.

Species Thinning Age BA Removal	Fdi 35 50%								
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.59	MVI12.5:0.62	MVI12.5:0.64	MVI12.5:0.67	MVI12.5:0.70	MVI12.5:0.77	MVI12.5:0.78	MVI12.5:0.81	MVI12.5:0.86
	MVI7.5:0.62	MVI7.5:0.65	MVI7.5:0.66	MVI7.5:0.68	MVI7.5:0.70	MVI7.5:0.74	MVI7.5:0.74	MVI7.5:0.75	MVI7.5:0.77
	SPH:763	SPH:917	SPH:1027	SPH:1200	SPH:1322	SPH:1520	SPH:1658	SPH:1802	SPH:1954
	BA:9.6	BA:11	BA:11.9	BA:13.3	BA:14.1	BA:15.2	BA:16	BA:16.7	BA:17.2
18	MVI12.5:0.62	MVI12.5:0.64	MVI12.5:0.66	MVI12.5:0.69	MVI12.5:0.71	MVI12.5:0.78	MVI12.5:0.78	MVI12.5:0.81	MVI12.5:0.85
	MVI7.5:0.64	MVI7.5:0.66	MVI7.5:0.68	MVI7.5:0.71	MVI7.5:0.72	MVI7.5:0.77	MVI7.5:0.77	MVI7.5:0.78	MVI7.5:0.80
	SPH:759	SPH:912	SPH:1022	SPH:1195	SPH:1314	SPH:1510	SPH:1649	SPH:1793	SPH:1943
	BA:11.9	BA:13.6	BA:14.5	BA:16.1	BA:16.8	BA:18.2	BA:18.9	BA:19.6	BA:20.1
20	MVI12.5:0.63	MVI12.5:0.66	MVI12.5:0.68	MVI12.5:0.72	MVI12.5:0.74	MVI12.5:0.79	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.84
	MVI7.5:0.65	MVI7.5:0.68	MVI7.5:0.70	MVI7.5:0.73	MVI7.5:0.74	MVI7.5:0.79	MVI7.5:0.79	MVI7.5:0.81	MVI7.5:0.83
	SPH:756	SPH:910	SPH:1019	SPH:1190	SPH:1312	SPH:1507	SPH:1644	SPH:1787	SPH:1937
	BA:14.3	BA:16.2	BA:17.2	BA:18.9	BA:19.7	BA:21	BA:21.8	BA:22.4	BA:22.8
22	MVI12.5:0.65	MVI12.5:0.68	MVI12.5:0.70	MVI12.5:0.74	MVI12.5:0.76	MVI12.5:0.81	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.84
	MVI7.5:0.66	MVI7.5:0.69	MVI7.5:0.71	MVI7.5:0.74	MVI7.5:0.76	MVI7.5:0.81	MVI7.5:0.82	MVI7.5:0.83	MVI7.5:0.85
	SPH:754	SPH:909	SPH:1018	SPH:1190	SPH:1310	SPH:1505	SPH:1643	SPH:1786	SPH:1934
	BA:16.8	BA:18.8	BA:20	BA:21.6	BA:22.4	BA:23.8	BA:24.6	BA:25.3	BA:25.7
24	MVI12.5:0.66	MVI12.5:0.69	MVI12.5:0.72	MVI12.5:0.75	MVI12.5:0.77	MVI12.5:0.83	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.86
	MVI7.5:0.67	MVI7.5:0.70	MVI7.5:0.73	MVI7.5:0.76	MVI7.5:0.78	MVI7.5:0.83	MVI7.5:0.83	MVI7.5:0.85	MVI7.5:0.87
	SPH:755	SPH:908	SPH:1018	SPH:1190	SPH:1311	SPH:1504	SPH:1643	SPH:1786	SPH:1934
	BA:19.4	BA:21.5	BA:22.6	BA:24.5	BA:25.2	BA:26.5	BA:27.4	BA:27.9	BA:28.5
26	MVI12.5:0.67	MVI12.5:0.71	MVI12.5:0.73	MVI12.5:0.77	MVI12.5:0.79	MVI12.5:0.85	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.88
	MVI7.5:0.68	MVI7.5:0.72	MVI7.5:0.74	MVI7.5:0.78	MVI7.5:0.80	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.88	MVI7.5:0.91
	SPH:756	SPH:910	SPH:1018	SPH:1190	SPH:1311	SPH:1506	SPH:1640	SPH:1787	SPH:1928
	BA:22.3	BA:24.5	BA:25.5	BA:27.3	BA:28	BA:29.4	BA:30.2	BA:30.8	BA:31.3

Species
Thinning Age
BA Removal

Fdi
40
50%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.63	MVI12.5:0.65	MVI12.5:0.67	MVI12.5:0.69	MVI12.5:0.71	MVI12.5:0.78	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.85
	MVI7.5:0.66	MVI7.5:0.68	MVI7.5:0.70	MVI7.5:0.72	MVI7.5:0.73	MVI7.5:0.77	MVI7.5:0.77	MVI7.5:0.78	MVI7.5:0.80
	SPH:757	SPH:910	SPH:1019	SPH:1191	SPH:1311	SPH:1508	SPH:1645	SPH:1787	SPH:1938
	BA:11.7	BA:13.4	BA:14.4	BA:15.9	BA:16.7	BA:17.9	BA:18.7	BA:19.4	BA:19.9
18	MVI12.5:0.66	MVI12.5:0.68	MVI12.5:0.69	MVI12.5:0.72	MVI12.5:0.74	MVI12.5:0.79	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.84
	MVI7.5:0.68	MVI7.5:0.70	MVI7.5:0.71	MVI7.5:0.74	MVI7.5:0.75	MVI7.5:0.80	MVI7.5:0.79	MVI7.5:0.80	MVI7.5:0.82
	SPH:753	SPH:907	SPH:1016	SPH:1187	SPH:1306	SPH:1501	SPH:1639	SPH:1781	SPH:1930
	BA:14.4	BA:16.3	BA:17.3	BA:18.9	BA:19.7	BA:21.1	BA:21.9	BA:22.4	BA:22.9
20	MVI12.5:0.67	MVI12.5:0.70	MVI12.5:0.71	MVI12.5:0.74	MVI12.5:0.76	MVI12.5:0.81	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.84
	MVI7.5:0.68	MVI7.5:0.71	MVI7.5:0.73	MVI7.5:0.75	MVI7.5:0.77	MVI7.5:0.81	MVI7.5:0.81	MVI7.5:0.83	MVI7.5:0.84
	SPH:753	SPH:907	SPH:1015	SPH:1186	SPH:1307	SPH:1501	SPH:1638	SPH:1780	SPH:1930
	BA:17.2	BA:19.2	BA:20.3	BA:22	BA:22.9	BA:24.2	BA:24.9	BA:25.6	BA:26
22	MVI12.5:0.68	MVI12.5:0.71	MVI12.5:0.73	MVI12.5:0.76	MVI12.5:0.77	MVI12.5:0.82	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.85
	MVI7.5:0.69	MVI7.5:0.72	MVI7.5:0.74	MVI7.5:0.77	MVI7.5:0.78	MVI7.5:0.83	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.87
	SPH:753	SPH:907	SPH:1015	SPH:1187	SPH:1306	SPH:1501	SPH:1639	SPH:1780	SPH:1928
	BA:20.2	BA:22.3	BA:23.5	BA:25.1	BA:25.9	BA:27.4	BA:28.1	BA:28.8	BA:29.2
24	MVI12.5:0.69	MVI12.5:0.72	MVI12.5:0.74	MVI12.5:0.77	MVI12.5:0.79	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.86
	MVI7.5:0.70	MVI7.5:0.73	MVI7.5:0.75	MVI7.5:0.78	MVI7.5:0.80	MVI7.5:0.85	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.88
	SPH:753	SPH:906	SPH:1016	SPH:1187	SPH:1307	SPH:1497	SPH:1638	SPH:1780	SPH:1920
	BA:23.3	BA:25.4	BA:26.5	BA:28.5	BA:29.2	BA:30.5	BA:31.4	BA:31.9	BA:32.4
26	MVI12.5:0.71	MVI12.5:0.73	MVI12.5:0.75	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.86	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.88
	MVI7.5:0.72	MVI7.5:0.74	MVI7.5:0.76	MVI7.5:0.80	MVI7.5:0.82	MVI7.5:0.87	MVI7.5:0.87	MVI7.5:0.89	MVI7.5:0.91
	SPH:754	SPH:907	SPH:1016	SPH:1187	SPH:1307	SPH:1498	SPH:1629	SPH:1773	SPH:1910
	BA:26.7	BA:28.9	BA:29.9	BA:31.7	BA:32.4	BA:33.8	BA:34.5	BA:35	BA:35.4

Species
Thinning Age
BA Removal

Fdi
45
50%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.67	MVI12.5:0.69	MVI12.5:0.71	MVI12.5:0.73	MVI12.5:0.75	MVI12.5:0.79	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.84
	MVI7.5:0.70	MVI7.5:0.72	MVI7.5:0.73	MVI7.5:0.75	MVI7.5:0.76	MVI7.5:0.80	MVI7.5:0.80	MVI7.5:0.81	MVI7.5:0.82
	SPH:752	SPH:905	SPH:1013	SPH:1184	SPH:1303	SPH:1499	SPH:1635	SPH:1777	SPH:1926
	BA:13.7	BA:15.6	BA:16.7	BA:18.2	BA:19	BA:20.3	BA:21.1	BA:21.8	BA:22.3
18	MVI12.5:0.69	MVI12.5:0.71	MVI12.5:0.72	MVI12.5:0.75	MVI12.5:0.76	MVI12.5:0.81	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.84
	MVI7.5:0.72	MVI7.5:0.73	MVI7.5:0.74	MVI7.5:0.76	MVI7.5:0.78	MVI7.5:0.82	MVI7.5:0.81	MVI7.5:0.83	MVI7.5:0.84
	SPH:751	SPH:903	SPH:1012	SPH:1183	SPH:1301	SPH:1496	SPH:1633	SPH:1775	SPH:1923
	BA:16.8	BA:18.8	BA:19.8	BA:21.5	BA:22.3	BA:23.8	BA:24.5	BA:25.1	BA:25.5
20	MVI12.5:0.70	MVI12.5:0.73	MVI12.5:0.74	MVI12.5:0.77	MVI12.5:0.78	MVI12.5:0.82	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.85
	MVI7.5:0.72	MVI7.5:0.74	MVI7.5:0.76	MVI7.5:0.78	MVI7.5:0.79	MVI7.5:0.83	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.86
	SPH:751	SPH:904	SPH:1012	SPH:1183	SPH:1303	SPH:1498	SPH:1633	SPH:1776	SPH:1924
	BA:20.1	BA:22.1	BA:23.2	BA:25	BA:25.8	BA:27.2	BA:28	BA:28.5	BA:29
22	MVI12.5:0.71	MVI12.5:0.74	MVI12.5:0.76	MVI12.5:0.78	MVI12.5:0.79	MVI12.5:0.84	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.86
	MVI7.5:0.73	MVI7.5:0.75	MVI7.5:0.77	MVI7.5:0.79	MVI7.5:0.81	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.88
	SPH:751	SPH:904	SPH:1012	SPH:1184	SPH:1302	SPH:1494	SPH:1633	SPH:1774	SPH:1911
	BA:23.5	BA:25.6	BA:26.9	BA:28.5	BA:29.3	BA:30.7	BA:31.4	BA:32	BA:32.4
24	MVI12.5:0.73	MVI12.5:0.75	MVI12.5:0.77	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.85	MVI12.5:0.85	MVI12.5:0.85	MVI12.5:0.87
	MVI7.5:0.74	MVI7.5:0.76	MVI7.5:0.78	MVI7.5:0.80	MVI7.5:0.82	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.89
	SPH:751	SPH:903	SPH:1013	SPH:1184	SPH:1301	SPH:1487	SPH:1627	SPH:1761	SPH:1895
	BA:27	BA:29.2	BA:30.3	BA:32.3	BA:32.9	BA:34.2	BA:35	BA:35.4	BA:35.8
26	MVI12.5:0.74	MVI12.5:0.76	MVI12.5:0.78	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.87	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.89
	MVI7.5:0.75	MVI7.5:0.77	MVI7.5:0.79	MVI7.5:0.82	MVI7.5:0.84	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.92
	SPH:752	SPH:904	SPH:1013	SPH:1183	SPH:1301	SPH:1487	SPH:1611	SPH:1740	SPH:1877
	BA:30.9	BA:33.2	BA:34	BA:35.8	BA:36.4	BA:37.8	BA:38.4	BA:38.8	BA:39.3

Species
Thinning Age
BA Removal

Fdi
50
50%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.71	MVI12.5:0.73	MVI12.5:0.74	MVI12.5:0.76	MVI12.5:0.78	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.82	MVI12.5:0.84
	MVI7.5:0.74	MVI7.5:0.76	MVI7.5:0.77	MVI7.5:0.78	MVI7.5:0.80	MVI7.5:0.82	MVI7.5:0.82	MVI7.5:0.83	MVI7.5:0.84
	SPH:750	SPH:901	SPH:1009	SPH:1179	SPH:1298	SPH:1493	SPH:1628	SPH:1770	SPH:1918
	BA:15.7	BA:17.6	BA:18.8	BA:20.4	BA:21.2	BA:22.5	BA:23.2	BA:24	BA:24.5
18	MVI12.5:0.73	MVI12.5:0.75	MVI12.5:0.76	MVI12.5:0.78	MVI12.5:0.79	MVI12.5:0.83	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.85
	MVI7.5:0.75	MVI7.5:0.77	MVI7.5:0.78	MVI7.5:0.79	MVI7.5:0.81	MVI7.5:0.84	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.86
	SPH:749	SPH:901	SPH:1010	SPH:1180	SPH:1298	SPH:1491	SPH:1629	SPH:1771	SPH:1917
	BA:19.1	BA:21.3	BA:22.2	BA:24	BA:24.8	BA:26.3	BA:27	BA:27.6	BA:28
20	MVI12.5:0.74	MVI12.5:0.76	MVI12.5:0.77	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.86
	MVI7.5:0.76	MVI7.5:0.77	MVI7.5:0.79	MVI7.5:0.81	MVI7.5:0.82	MVI7.5:0.85	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.88
	SPH:750	SPH:902	SPH:1010	SPH:1180	SPH:1300	SPH:1492	SPH:1627	SPH:1771	SPH:1911
	BA:22.8	BA:25	BA:26.1	BA:27.9	BA:28.6	BA:30	BA:30.7	BA:31.4	BA:31.7
22	MVI12.5:0.75	MVI12.5:0.77	MVI12.5:0.78	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.85	MVI12.5:0.85	MVI12.5:0.85	MVI12.5:0.87
	MVI7.5:0.76	MVI7.5:0.78	MVI7.5:0.80	MVI7.5:0.82	MVI7.5:0.83	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.87	MVI7.5:0.89
	SPH:749	SPH:901	SPH:1010	SPH:1180	SPH:1297	SPH:1485	SPH:1622	SPH:1757	SPH:1894
	BA:26.6	BA:28.9	BA:30.0	BA:31.7	BA:32.4	BA:33.9	BA:34.5	BA:35.1	BA:35.4
24	MVI12.5:0.76	MVI12.5:0.78	MVI12.5:0.79	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.88
	MVI7.5:0.77	MVI7.5:0.79	MVI7.5:0.80	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.90
	SPH:750	SPH:900	SPH:1011	SPH:1180	SPH:1296	SPH:1476	SPH:1611	SPH:1733	SPH:1868
	BA:30.6	BA:32.9	BA:33.8	BA:35.8	BA:36.4	BA:37.6	BA:38.3	BA:38.7	BA:39.1
26	MVI12.5:0.77	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.90
	MVI7.5:0.78	MVI7.5:0.80	MVI7.5:0.81	MVI7.5:0.84	MVI7.5:0.86	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.93
	SPH:750	SPH:902	SPH:1010	SPH:1180	SPH:1294	SPH:1469	SPH:1588	SPH:1706	SPH:1820
	BA:34.8	BA:37.2	BA:38	BA:39.7	BA:40.3	BA:41.6	BA:42.1	BA:42.4	BA:42.6

Species
Thinning Age
BA Removal

Fdi
55
50%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.76	MVI12.5:0.77	MVI12.5:0.78	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.86
	MVI7.5:0.78	MVI7.5:0.80	MVI7.5:0.81	MVI7.5:0.82	MVI7.5:0.83	MVI7.5:0.85	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.87
	SPH:747	SPH:899	SPH:1006	SPH:1176	SPH:1295	SPH:1489	SPH:1624	SPH:1764	SPH:1912
	BA:17.6	BA:19.6	BA:20.7	BA:22.4	BA:23.2	BA:24.6	BA:25.3	BA:26	BA:26.5
18	MVI12.5:0.78	MVI12.5:0.79	MVI12.5:0.80	MVI12.5:0.82	MVI12.5:0.82	MVI12.5:0.85	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.87
	MVI7.5:0.79	MVI7.5:0.80	MVI7.5:0.81	MVI7.5:0.83	MVI7.5:0.83	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.88
	SPH:747	SPH:899	SPH:1007	SPH:1177	SPH:1295	SPH:1486	SPH:1623	SPH:1766	SPH:1906
	BA:21.4	BA:23.6	BA:24.6	BA:26.3	BA:27.2	BA:28.6	BA:29.3	BA:29.9	BA:30.2
20	MVI12.5:0.78	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.87
	MVI7.5:0.80	MVI7.5:0.81	MVI7.5:0.82	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.87	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.89
	SPH:748	SPH:900	SPH:1007	SPH:1177	SPH:1296	SPH:1483	SPH:1619	SPH:1760	SPH:1896
	BA:25.5	BA:27.6	BA:28.7	BA:30.5	BA:31.3	BA:32.6	BA:33.4	BA:33.9	BA:34.2
22	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.88
	MVI7.5:0.80	MVI7.5:0.82	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.91
	SPH:747	SPH:899	SPH:1007	SPH:1177	SPH:1292	SPH:1475	SPH:1610	SPH:1740	SPH:1869
	BA:29.7	BA:31.9	BA:33.1	BA:34.8	BA:35.4	BA:36.7	BA:37.5	BA:38	BA:38.1
24	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.89
	MVI7.5:0.81	MVI7.5:0.82	MVI7.5:0.83	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.92
	SPH:748	SPH:898	SPH:1008	SPH:1177	SPH:1288	SPH:1460	SPH:1587	SPH:1694	SPH:1817
	BA:34	BA:36.2	BA:37.2	BA:39.1	BA:39.6	BA:40.8	BA:41.5	BA:41.6	BA:41.9
26	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.85	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.91
	MVI7.5:0.82	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.94
	SPH:748	SPH:900	SPH:1006	SPH:1176	SPH:1279	SPH:1448	SPH:1555	SPH:1638	SPH:1757
	BA:38.6	BA:40.9	BA:41.6	BA:43.4	BA:43.8	BA:44.9	BA:45.3	BA:45.3	BA:45.5

Species
Thinning Age
BA Removal

Fdi
60
50%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.82	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.88
	MVI7.5:0.83	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.88	MVI7.5:0.88	MVI7.5:0.88	MVI7.5:0.89
	SPH:745	SPH:897	SPH:1004	SPH:1173	SPH:1291	SPH:1485	SPH:1619	SPH:1759	SPH:1907
	BA:19.5	BA:21.5	BA:22.6	BA:24.4	BA:25.1	BA:26.5	BA:27.2	BA:27.9	BA:28.3
18	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.85	MVI12.5:0.88	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.89
	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.90
	SPH:745	SPH:897	SPH:1005	SPH:1174	SPH:1291	SPH:1479	SPH:1616	SPH:1761	SPH:1897
	BA:23.6	BA:25.8	BA:26.8	BA:28.6	BA:29.4	BA:30.8	BA:31.5	BA:32	BA:32.4
20	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.89
	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.85	MVI7.5:0.87	MVI7.5:0.87	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.91
	SPH:746	SPH:897	SPH:1005	SPH:1174	SPH:1291	SPH:1475	SPH:1611	SPH:1746	SPH:1870
	BA:28.1	BA:30.2	BA:31.3	BA:33	BA:33.8	BA:35.1	BA:35.8	BA:36.3	BA:36.5
22	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90
	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.92
	SPH:745	SPH:897	SPH:1005	SPH:1174	SPH:1287	SPH:1460	SPH:1589	SPH:1717	SPH:1832
	BA:32.6	BA:34.8	BA:35.9	BA:37.6	BA:38.2	BA:39.4	BA:40	BA:40.6	BA:40.6
24	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91
	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.93
	SPH:746	SPH:896	SPH:1003	SPH:1171	SPH:1276	SPH:1447	SPH:1555	SPH:1653	SPH:1773
	BA:37.2	BA:39.4	BA:40.3	BA:42.3	BA:42.7	BA:43.8	BA:44.2	BA:44.3	BA:44.5
26	MVI12.5:0.85	MVI12.5:0.85	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.93
	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.95
	SPH:745	SPH:896	SPH:1002	SPH:1167	SPH:1267	SPH:1423	SPH:1512	SPH:1586	SPH:1684
	BA:42.1	BA:44.3	BA:45.1	BA:46.6	BA:47	BA:48	BA:48.3	BA:48.1	BA:48.1

Species
Thinning Age
BA Removal

Fdi
65
50%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91
	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.92
	SPH:743	SPH:894	SPH:1001	SPH:1170.	SPH:1287	SPH:1481	SPH:1614	SPH:1754	SPH:1896
	BA:21.3	BA:23.3	BA:24.5	BA:26.2	BA:26.9	BA:28.2	BA:29.1	BA:29.7	BA:30.1
18	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91
	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.92	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92
	SPH:743	SPH:894	SPH:1002	SPH:1171	SPH:1287	SPH:1472	SPH:1609	SPH:1748	SPH:1879
	BA:25.7	BA:28	BA:28.9	BA:30.6	BA:31.5	BA:32.9	BA:33.5	BA:34.1	BA:34.3
20	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92
	MVI7.5:0.88	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.93
	SPH:744	SPH:894	SPH:1001	SPH:1171	SPH:1287	SPH:1462	SPH:1599	SPH:1722	SPH:1845
	BA:30.5	BA:32.7	BA:33.7	BA:35.5	BA:36.1	BA:37.4	BA:38.1	BA:38.5	BA:38.7
22	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92
	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94
	SPH:743	SPH:894	SPH:1001	SPH:1170	SPH:1276	SPH:1444	SPH:1570	SPH:1683	SPH:1786
	BA:35.3	BA:37.5	BA:38.6	BA:40.3	BA:40.7	BA:42	BA:42.6	BA:42.9	BA:42.8
24	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93
	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.95
	SPH:744	SPH:893	SPH:996	SPH:1165	SPH:1263	SPH:1426	SPH:1520	SPH:1608	SPH:1711
	BA:40.3	BA:42.4	BA:43.1	BA:45.1	BA:45.4	BA:46.4	BA:46.7	BA:46.7	BA:46.7
26	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.95
	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.97
	SPH:743	SPH:893	SPH:998	SPH:1159	SPH:1248	SPH:1394	SPH:1465	SPH:1531	SPH:1619
	BA:45.4	BA:47.6	BA:48.2	BA:49.7	BA:49.9	BA:50.8	BA:50.9	BA:50.6	BA:50.5

Species	Hwc														
Thinning Age	30														
BA Removal	40%														
SI	Modelled Establishment Density														
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.76 BA:10.6 SPH:633 THINVOL:38	MVI12.5:0.77 BA:12.0 SPH:823 THINVOL:43	MVI12.5:0.81 BA:12.8 SPH:967 THINVOL:45	MVI12.5:0.79 BA:13.4 SPH:1094 THINVOL:47	MVI12.5:0.82 BA:13.8 SPH:1273 THINVOL:49	MVI12.5:0.82 BA:13.7 SPH:1400 THINVOL:48	MVI12.5:0.88 BA:13.3 SPH:1598 THINVOL:47	MVI12.5:0.85 BA:13.3 SPH:1741 THINVOL:47	MVI12.5:0.86 BA:13.0 SPH:1886 THINVOL:46	MVI12.5:0.87 BA:12.2 SPH:2037 THINVOL:44	MVI12.5:0.87 BA:11.9 SPH:2191 THINVOL:43	MVI12.5:0.87 BA:11.4 SPH:2333 THINVOL:42	MVI12.5:0.87 BA:11.3 SPH:2433 THINVOL:41	MVI12.5:0.86 BA:10.7 SPH:2599 THINVOL:39	MVI12.5:0.87 BA:10.4 SPH:2772 THINVOL:38
20	MVI12.5:0.80 BA:14.4 SPH:632 THINVOL:59	MVI12.5:0.81 BA:16.7 SPH:821 THINVOL:67	MVI12.5:0.85 BA:18.0 SPH:966 THINVOL:72	MVI12.5:0.83 BA:18.7 SPH:1092 THINVOL:75	MVI12.5:0.85 BA:19.5 SPH:1270 THINVOL:78	MVI12.5:0.85 BA:19.5 SPH:1397 THINVOL:78	MVI12.5:0.90 BA:19.5 SPH:1594 THINVOL:78	MVI12.5:0.87 BA:19.4 SPH:1736 THINVOL:78	MVI12.5:0.88 BA:19.0 SPH:1880 THINVOL:77	MVI12.5:0.89 BA:18.9 SPH:2030 THINVOL:76	MVI12.5:0.89 BA:18.3 SPH:2184 THINVOL:74	MVI12.5:0.89 BA:18.0 SPH:2325 THINVOL:73	MVI12.5:0.88 BA:17.5 SPH:2424 THINVOL:72	MVI12.5:0.88 BA:16.7 SPH:2590 THINVOL:69	MVI12.5:0.89 BA:16.5 SPH:2761 THINVOL:68
22	MVI12.5:0.83 BA:17.6 SPH:631 THINVOL:81	MVI12.5:0.84 BA:20.5 SPH:819 THINVOL:93	MVI12.5:0.88 BA:21.9 SPH:964 THINVOL:99	MVI12.5:0.86 BA:22.9 SPH:1090 THINVOL:103	MVI12.5:0.88 BA:23.9 SPH:1269 THINVOL:107	MVI12.5:0.88 BA:24.2 SPH:1395 THINVOL:109	MVI12.5:0.92 BA:24.4 SPH:1591 THINVOL:109	MVI12.5:0.89 BA:24.5 SPH:1733 THINVOL:110	MVI12.5:0.90 BA:24.2 SPH:1877 THINVOL:109	MVI12.5:0.90 BA:24.2 SPH:2025 THINVOL:109	MVI12.5:0.90 BA:23.8 SPH:2179 THINVOL:108	MVI12.5:0.91 BA:23.4 SPH:2320 THINVOL:107	MVI12.5:0.90 BA:23.0 SPH:2418 THINVOL:105	MVI12.5:0.90 BA:22.4 SPH:2583 THINVOL:103	MVI12.5:0.90 BA:22.1 SPH:2753 THINVOL:101
24	MVI12.5:0.85 BA:20.6 SPH:631 THINVOL:106	MVI12.5:0.86 BA:23.6 SPH:819 THINVOL:120	MVI12.5:0.90 BA:25.3 SPH:963 THINVOL:128	MVI12.5:0.88 BA:26.4 SPH:1090 THINVOL:133	MVI12.5:0.91 BA:27.8 SPH:1268 THINVOL:139	MVI12.5:0.91 BA:28.1 SPH:1394 THINVOL:141	MVI12.5:0.94 BA:28.5 SPH:1589 THINVOL:142	MVI12.5:0.92 BA:28.7 SPH:1731 THINVOL:144	MVI12.5:0.91 BA:28.5 SPH:1875 THINVOL:143	MVI12.5:0.92 BA:28.5 SPH:2024 THINVOL:143	MVI12.5:0.91 BA:28.3 SPH:2177 THINVOL:142	MVI12.5:0.92 BA:27.9 SPH:2317 THINVOL:141	MVI12.5:0.91 BA:27.5 SPH:2416 THINVOL:139	MVI12.5:0.91 BA:27.1 SPH:2581 THINVOL:138	MVI12.5:0.91 BA:26.9 SPH:2750 THINVOL:137
26	MVI12.5:0.87 BA:23.6 SPH:631 THINVOL:136	MVI12.5:0.88 BA:26.8 SPH:820 THINVOL:152	MVI12.5:0.92 BA:28.7 SPH:963 THINVOL:162	MVI12.5:0.90 BA:29.7 SPH:1089 THINVOL:167	MVI12.5:0.92 BA:31.1 SPH:1268 THINVOL:174	MVI12.5:0.92 BA:31.7 SPH:1394 THINVOL:176	MVI12.5:0.96 BA:31.9 SPH:1589 THINVOL:177	MVI12.5:0.93 BA:32.2 SPH:1732 THINVOL:179	MVI12.5:0.92 BA:32.1 SPH:1875 THINVOL:179	MVI12.5:0.93 BA:32.2 SPH:2023 THINVOL:179	MVI12.5:0.92 BA:31.8 SPH:2176 THINVOL:178	MVI12.5:0.92 BA:31.4 SPH:2317 THINVOL:177	MVI12.5:0.92 BA:31.0 SPH:2416 THINVOL:175	MVI12.5:0.91 BA:30.8 SPH:2580 THINVOL:174	MVI12.5:0.91 BA:30.6 SPH:2750 THINVOL:173
28	MVI12.5:0.89 BA:26.7 SPH:631 THINVOL:172	MVI12.5:0.90 BA:30.0 SPH:820 THINVOL:190	MVI12.5:0.93 BA:31.7 SPH:964 THINVOL:199	MVI12.5:0.92 BA:32.8 SPH:1090 THINVOL:205	MVI12.5:0.93 BA:34.3 SPH:1268 THINVOL:213	MVI12.5:0.93 BA:34.9 SPH:1394 THINVOL:215	MVI12.5:0.96 BA:35.1 SPH:1589 THINVOL:217	MVI12.5:0.94 BA:35.5 SPH:1731 THINVOL:219	MVI12.5:0.93 BA:35.5 SPH:1874 THINVOL:219	MVI12.5:0.94 BA:35.3 SPH:2021 THINVOL:219	MVI12.5:0.93 BA:35.0 SPH:2174 THINVOL:218	MVI12.5:0.92 BA:34.7 SPH:2316 THINVOL:217	MVI12.5:0.92 BA:34.4 SPH:2414 THINVOL:216	MVI12.5:0.92 BA:34.2 SPH:2578 THINVOL:215	MVI12.5:0.92 BA:34.0 SPH:2747 THINVOL:215
30	MVI12.5:0.90 BA:29.9 SPH:632 THINVOL:212	MVI12.5:0.92 BA:33.1 SPH:820 THINVOL:232	MVI12.5:0.94 BA:34.9 SPH:963 THINVOL:243	MVI12.5:0.92 BA:36.0 SPH:1090 THINVOL:249	MVI12.5:0.94 BA:37.5 SPH:1267 THINVOL:257	MVI12.5:0.94 BA:37.9 SPH:1392 THINVOL:259	MVI12.5:0.97 BA:38.2 SPH:1590 THINVOL:261	MVI12.5:0.94 BA:38.4 SPH:1726 THINVOL:262	MVI12.5:0.93 BA:38.4 SPH:1870 THINVOL:263	MVI12.5:0.94 BA:38.3 SPH:2017 THINVOL:264	MVI12.5:0.94 BA:38.2 SPH:2167 THINVOL:263	MVI12.5:0.93 BA:37.8 SPH:2299 THINVOL:262	MVI12.5:0.93 BA:37.5 SPH:2392 THINVOL:261	MVI12.5:0.92 BA:37.1 SPH:2554 THINVOL:260	MVI12.5:0.93 BA:37.1 SPH:2719 THINVOL:260
32	MVI12.5:0.92 BA:33.1 SPH:632 THINVOL:259	MVI12.5:0.94 BA:36.3 SPH:820 THINVOL:280	MVI12.5:0.95 BA:38.2 SPH:963 THINVOL:292	MVI12.5:0.94 BA:39.2 SPH:1087 THINVOL:297	MVI12.5:0.95 BA:40.6 SPH:1262 THINVOL:306	MVI12.5:0.95 BA:41.0 SPH:1388 THINVOL:308	MVI12.5:0.98 BA:41.5 SPH:1577 THINVOL:311	MVI12.5:0.96 BA:41.7 SPH:1721 THINVOL:312	MVI12.5:0.94 BA:41.6 SPH:1856 THINVOL:313	MVI12.5:0.96 BA:41.3 SPH:1998 THINVOL:313	MVI12.5:0.95 BA:41.3 SPH:2129 THINVOL:312	MVI12.5:0.93 BA:40.9 SPH:2244 THINVOL:312	MVI12.5:0.94 BA:40.6 SPH:2334 THINVOL:311	MVI12.5:0.93 BA:40.3 SPH:2478 THINVOL:310	MVI12.5:0.94 BA:40.0 SPH:2620 THINVOL:309
36	MVI12.5:0.94 BA:39.9 SPH:632 THINVOL:369	MVI12.5:0.95 BA:43.0 SPH:814 THINVOL:392	MVI12.5:0.97 BA:44.8 SPH:953 THINVOL:405	MVI12.5:0.95 BA:45.7 SPH:1065 THINVOL:410	MVI12.5:0.96 BA:46.9 SPH:1227 THINVOL:419	MVI12.5:0.96 BA:47.1 SPH:1327 THINVOL:420	MVI12.5:0.99 BA:47.5 SPH:1455 THINVOL:423	MVI12.5:0.97 BA:47.8 SPH:1575 THINVOL:424	MVI12.5:0.96 BA:47.6 SPH:1659 THINVOL:424	MVI12.5:0.98 BA:47.1 SPH:1741 THINVOL:425	MVI12.5:0.98 BA:47.2 SPH:1833 THINVOL:425	MVI12.5:0.95 BA:47.0 SPH:1882 THINVOL:425	MVI12.5:0.95 BA:46.5 SPH:1924 THINVOL:423	MVI12.5:0.95 BA:46.3 SPH:1977 THINVOL:424	MVI12.5:0.96 BA:46.1 SPH:2052 THINVOL:422
40	MVI12.5:0.97 BA:47.1 SPH:629 THINVOL:501	MVI12.5:0.97 BA:49.9 SPH:807 THINVOL:524	MVI12.5:0.99 BA:51.3 SPH:919 THINVOL:536	MVI12.5:0.97 BA:51.9 SPH:1012 THINVOL:540	MVI12.5:0.98 BA:52.8 SPH:1126 THINVOL:548	MVI12.5:0.98 BA:53.1 SPH:1205 THINVOL:550	MVI12.5:1.01 BA:53.0 SPH:1279 THINVOL:550	MVI12.5:0.97 BA:52.9 SPH:1331 THINVOL:550	MVI12.5:0.98 BA:52.8 SPH:1389 THINVOL:551	MVI12.5:0.99 BA:52.2 SPH:1387 THINVOL:552	MVI12.5:0.98 BA:52.2 SPH:1455 THINVOL:550	MVI12.5:0.97 BA:52.1 SPH:1458 THINVOL:551	MVI12.5:0.98 BA:51.4 SPH:1466 THINVOL:547	MVI12.5:0.96 BA:51.4 SPH:1498 THINVOL:550	MVI12.5:0.98 BA:51.2 SPH:1548 THINVOL:548

Species	Hwc														
Thinning Age	35														
BA Removal	40%														
SI	Modelled Establishment Density														
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.80 BA:15.6 SPH:630 THINVOL:66	MVI12.5:0.81 BA:18.2 SPH:818 THINVOL:76	MVI12.5:0.84 BA:19.6 SPH:962 THINVOL:81	MVI12.5:0.83 BA:20.4 SPH:1089 THINVOL:84	MVI12.5:0.85 BA:21.4 SPH:1266 THINVOL:88	MVI12.5:0.84 BA:21.5 SPH:1392 THINVOL:88	MVI12.5:0.89 BA:21.5 SPH:1588 THINVOL:88	MVI12.5:0.87 BA:21.6 SPH:1730 THINVOL:89	MVI12.5:0.87 BA:21.3 SPH:1874 THINVOL:88	MVI12.5:0.88 BA:21.1 SPH:2022 THINVOL:87	MVI12.5:0.88 BA:20.5 SPH:2177 THINVOL:85	MVI12.5:0.88 BA:20.3 SPH:2317 THINVOL:84	MVI12.5:0.88 BA:19.8 SPH:2416 THINVOL:83	MVI12.5:0.87 BA:19.1 SPH:2580 THINVOL:80	MVI12.5:0.88 BA:18.6 SPH:2750 THINVOL:79
20	MVI12.5:0.83 BA:19.1 SPH:629 THINVOL:92	MVI12.5:0.84 BA:22.1 SPH:817 THINVOL:104	MVI12.5:0.88 BA:23.8 SPH:962 THINVOL:112	MVI12.5:0.86 BA:24.8 SPH:1087 THINVOL:116	MVI12.5:0.87 BA:26.0 SPH:1265 THINVOL:121	MVI12.5:0.87 BA:26.4 SPH:1390 THINVOL:122	MVI12.5:0.91 BA:26.5 SPH:1585 THINVOL:123	MVI12.5:0.88 BA:26.7 SPH:1727 THINVOL:124	MVI12.5:0.89 BA:26.6 SPH:1870 THINVOL:123	MVI12.5:0.89 BA:26.4 SPH:2019 THINVOL:123	MVI12.5:0.89 BA:26.2 SPH:2172 THINVOL:122	MVI12.5:0.90 BA:25.7 SPH:2312 THINVOL:120	MVI12.5:0.89 BA:25.7 SPH:2410 THINVOL:120	MVI12.5:0.88 BA:24.7 SPH:2574 THINVOL:116	MVI12.5:0.89 BA:24.6 SPH:2744 THINVOL:116
22	MVI12.5:0.85 BA:22.5 SPH:629 THINVOL:121	MVI12.5:0.86 BA:25.7 SPH:817 THINVOL:137	MVI12.5:0.90 BA:27.3 SPH:961 THINVOL:145	MVI12.5:0.88 BA:28.5 SPH:1086 THINVOL:149	MVI12.5:0.90 BA:29.8 SPH:1265 THINVOL:156	MVI12.5:0.90 BA:30.4 SPH:1390 THINVOL:158	MVI12.5:0.93 BA:30.7 SPH:1585 THINVOL:159	MVI12.5:0.91 BA:31.1 SPH:1727 THINVOL:161	MVI12.5:0.90 BA:30.9 SPH:1870 THINVOL:161	MVI12.5:0.91 BA:30.9 SPH:2017 THINVOL:161	MVI12.5:0.90 BA:30.5 SPH:2171 THINVOL:159	MVI12.5:0.91 BA:30.4 SPH:2310 THINVOL:159	MVI12.5:0.90 BA:29.9 SPH:2410 THINVOL:157	MVI12.5:0.90 BA:29.7 SPH:2573 THINVOL:156	MVI12.5:0.90 BA:29.3 SPH:2742 THINVOL:155
24	MVI12.5:0.87 BA:25.7 SPH:629 THINVOL:156	MVI12.5:0.88 BA:29.0 SPH:817 THINVOL:173	MVI12.5:0.91 BA:30.8 SPH:961 THINVOL:183	MVI12.5:0.90 BA:31.9 SPH:1086 THINVOL:188	MVI12.5:0.91 BA:33.4 SPH:1265 THINVOL:196	MVI12.5:0.92 BA:33.9 SPH:1390 THINVOL:198	MVI12.5:0.95 BA:34.4 SPH:1585 THINVOL:199	MVI12.5:0.92 BA:34.7 SPH:1726 THINVOL:201	MVI12.5:0.92 BA:34.5 SPH:1870 THINVOL:201	MVI12.5:0.92 BA:34.4 SPH:2017 THINVOL:201	MVI12.5:0.91 BA:34.3 SPH:2172 THINVOL:200	MVI12.5:0.91 BA:33.9 SPH:2311 THINVOL:199	MVI12.5:0.91 BA:33.5 SPH:2408 THINVOL:198	MVI12.5:0.91 BA:33.4 SPH:2573 THINVOL:197	MVI12.5:0.91 BA:33.0 SPH:2741 THINVOL:196
26	MVI12.5:0.88 BA:29.1 SPH:629 THINVOL:197	MVI12.5:0.90 BA:32.4 SPH:818 THINVOL:216	MVI12.5:0.93 BA:34.3 SPH:961 THINVOL:227	MVI12.5:0.91 BA:35.4 SPH:1086 THINVOL:232	MVI12.5:0.92 BA:36.8 SPH:1265 THINVOL:240	MVI12.5:0.93 BA:37.4 SPH:1389 THINVOL:242	MVI12.5:0.96 BA:37.7 SPH:1585 THINVOL:244	MVI12.5:0.93 BA:38.0 SPH:1724 THINVOL:246	MVI12.5:0.93 BA:38.0 SPH:1869 THINVOL:246	MVI12.5:0.93 BA:38.0 SPH:2013 THINVOL:247	MVI12.5:0.93 BA:37.7 SPH:2165 THINVOL:245	MVI12.5:0.92 BA:37.3 SPH:2298 THINVOL:245	MVI12.5:0.91 BA:36.8 SPH:2400 THINVOL:243	MVI12.5:0.91 BA:36.8 SPH:2556 THINVOL:243	MVI12.5:0.92 BA:36.6 SPH:2734 THINVOL:242
28	MVI12.5:0.90 BA:32.6 SPH:629 THINVOL:244	MVI12.5:0.91 BA:35.9 SPH:818 THINVOL:265	MVI12.5:0.94 BA:37.6 SPH:961 THINVOL:275	MVI12.5:0.92 BA:38.7 SPH:1086 THINVOL:281	MVI12.5:0.93 BA:40.2 SPH:1262 THINVOL:290	MVI12.5:0.94 BA:40.7 SPH:1385 THINVOL:292	MVI12.5:0.97 BA:41.1 SPH:1577 THINVOL:294	MVI12.5:0.94 BA:41.4 SPH:1713 THINVOL:296	MVI12.5:0.94 BA:41.3 SPH:1853 THINVOL:296	MVI12.5:0.94 BA:41.1 SPH:1994 THINVOL:297	MVI12.5:0.94 BA:40.8 SPH:2149 THINVOL:295	MVI12.5:0.93 BA:40.6 SPH:2260 THINVOL:295	MVI12.5:0.92 BA:40.4 SPH:2344 THINVOL:295	MVI12.5:0.92 BA:40.1 SPH:2494 THINVOL:294	MVI12.5:0.92 BA:40.0 SPH:2644 THINVOL:293
30	MVI12.5:0.91 BA:36.1 SPH:630 THINVOL:297	MVI12.5:0.92 BA:39.3 SPH:818 THINVOL:319	MVI12.5:0.94 BA:41.1 SPH:957 THINVOL:330	MVI12.5:0.93 BA:42.2 SPH:1078 THINVOL:336	MVI12.5:0.94 BA:43.6 SPH:1251 THINVOL:345	MVI12.5:0.94 BA:43.9 SPH:1370 THINVOL:347	MVI12.5:0.97 BA:44.3 SPH:1549 THINVOL:349	MVI12.5:0.95 BA:44.5 SPH:1681 THINVOL:350	MVI12.5:0.94 BA:44.4 SPH:1798 THINVOL:350	MVI12.5:0.95 BA:44.4 SPH:1934 THINVOL:352	MVI12.5:0.95 BA:44.2 SPH:2037 THINVOL:351	MVI12.5:0.93 BA:43.8 SPH:2117 THINVOL:350	MVI12.5:0.93 BA:43.5 SPH:2210 THINVOL:349	MVI12.5:0.93 BA:43.2 SPH:2324 THINVOL:349	MVI12.5:0.93 BA:43.1 SPH:2420 THINVOL:348
32	MVI12.5:0.93 BA:39.6 SPH:629 THINVOL:356	MVI12.5:0.94 BA:42.8 SPH:815 THINVOL:378	MVI12.5:0.96 BA:44.6 SPH:947 THINVOL:390	MVI12.5:0.94 BA:45.5 SPH:1065 THINVOL:395	MVI12.5:0.95 BA:46.9 SPH:1226 THINVOL:404	MVI12.5:0.95 BA:47.1 SPH:1324 THINVOL:405	MVI12.5:0.98 BA:47.6 SPH:1463 THINVOL:408	MVI12.5:0.96 BA:47.9 SPH:1589 THINVOL:410	MVI12.5:0.95 BA:47.7 SPH:1670 THINVOL:410	MVI12.5:0.96 BA:47.4 SPH:1752 THINVOL:411	MVI12.5:0.95 BA:47.4 SPH:1839 THINVOL:410	MVI12.5:0.94 BA:47.1 SPH:1890 THINVOL:410	MVI12.5:0.95 BA:46.8 SPH:1943 THINVOL:409	MVI12.5:0.94 BA:46.5 SPH:1991 THINVOL:409	MVI12.5:0.95 BA:46.2 SPH:2083 THINVOL:407
36	MVI12.5:0.95 BA:47.0 SPH:627 THINVOL:488	MVI12.5:0.96 BA:49.9 SPH:801 THINVOL:511	MVI12.5:0.98 BA:51.4 SPH:916 THINVOL:523	MVI12.5:0.96 BA:52.1 SPH:1008 THINVOL:526	MVI12.5:0.97 BA:53.0 SPH:1123 THINVOL:534	MVI12.5:0.96 BA:53.1 SPH:1188 THINVOL:535	MVI12.5:0.99 BA:53.1 SPH:1266 THINVOL:536	MVI12.5:0.97 BA:53.1 SPH:1331 THINVOL:535	MVI12.5:0.97 BA:53.1 SPH:1389 THINVOL:537	MVI12.5:0.98 BA:52.4 SPH:1381 THINVOL:538	MVI12.5:0.98 BA:52.3 SPH:1433 THINVOL:536	MVI12.5:0.96 BA:52.3 SPH:1444 THINVOL:537	MVI12.5:0.96 BA:51.6 SPH:1462 THINVOL:534	MVI12.5:0.96 BA:51.6 SPH:1473 THINVOL:535	MVI12.5:0.96 BA:51.3 SPH:1532 THINVOL:533
40	MVI12.5:0.97 BA:54.6 SPH:623 THINVOL:644	MVI12.5:0.97 BA:57.0 SPH:782 THINVOL:665	MVI12.5:1.00 BA:57.9 SPH:862 THINVOL:674	MVI12.5:0.98 BA:58.2 SPH:934 THINVOL:675	MVI12.5:0.98 BA:58.7 SPH:1023 THINVOL:682	MVI12.5:0.98 BA:58.6 SPH:1063 THINVOL:681	MVI12.5:1.01 BA:58.2 SPH:1111 THINVOL:679	MVI12.5:0.98 BA:58.0 SPH:1131 THINVOL:678	MVI12.5:0.98 BA:57.7 SPH:1167 THINVOL:679	MVI12.5:0.99 BA:57.3 SPH:1150 THINVOL:681	MVI12.5:0.98 BA:57.2 SPH:1207 THINVOL:679	MVI12.5:0.97 BA:56.7 SPH:1185 THINVOL:678	MVI12.5:0.97 BA:56.6 SPH:1220 THINVOL:677	MVI12.5:0.97 BA:56.4 SPH:1225 THINVOL:678	MVI12.5:0.99 BA:56.1 SPH:1248 THINVOL:676

Species		Hwc													
Thinning Age		40													
BA Removal		40%													
SI	Modelled Establishment Density														
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.83 BA:19.5 SPH:628 THINVOL:94	MVI12.5:0.84 BA:22.5 SPH:815 THINVOL:107	MVI12.5:0.87 BA:24.2 SPH:959 THINVOL:114	MVI12.5:0.86 BA:25.2 SPH:1084 THINVOL:117	MVI12.5:0.87 BA:26.6 SPH:1261 THINVOL:123	MVI12.5:0.87 BA:26.9 SPH:1386 THINVOL:125	MVI12.5:0.91 BA:27.1 SPH:1581 THINVOL:125	MVI12.5:0.88 BA:27.4 SPH:1722 THINVOL:126	MVI12.5:0.88 BA:27.2 SPH:1865 THINVOL:126	MVI12.5:0.89 BA:27.1 SPH:2013 THINVOL:125	MVI12.5:0.89 BA:26.9 SPH:2166 THINVOL:125	MVI12.5:0.89 BA:26.3 SPH:2305 THINVOL:122	MVI12.5:0.89 BA:26.3 SPH:2404 THINVOL:122	MVI12.5:0.88 BA:25.6 SPH:2567 THINVOL:120	MVI12.5:0.89 BA:25.2 SPH:2736 THINVOL:118
20	MVI12.5:0.85 BA:23.1 SPH:628 THINVOL:127	MVI12.5:0.86 BA:26.3 SPH:815 THINVOL:142	MVI12.5:0.89 BA:28.1 SPH:958 THINVOL:150	MVI12.5:0.88 BA:29.3 SPH:1083 THINVOL:155	MVI12.5:0.89 BA:30.6 SPH:1261 THINVOL:161	MVI12.5:0.89 BA:31.2 SPH:1386 THINVOL:163	MVI12.5:0.92 BA:31.5 SPH:1581 THINVOL:165	MVI12.5:0.90 BA:31.8 SPH:1722 THINVOL:166	MVI12.5:0.90 BA:31.8 SPH:1865 THINVOL:166	MVI12.5:0.90 BA:31.6 SPH:2012 THINVOL:165	MVI12.5:0.90 BA:31.4 SPH:2164 THINVOL:164	MVI12.5:0.90 BA:31.1 SPH:2304 THINVOL:163	MVI12.5:0.90 BA:30.9 SPH:2403 THINVOL:163	MVI12.5:0.89 BA:30.3 SPH:2567 THINVOL:160	MVI12.5:0.89 BA:30.2 SPH:2735 THINVOL:160
22	MVI12.5:0.87 BA:26.8 SPH:628 THINVOL:166	MVI12.5:0.88 BA:30.1 SPH:815 THINVOL:183	MVI12.5:0.91 BA:31.8 SPH:958 THINVOL:192	MVI12.5:0.90 BA:33.0 SPH:1083 THINVOL:197	MVI12.5:0.91 BA:34.4 SPH:1261 THINVOL:204	MVI12.5:0.91 BA:35.0 SPH:1386 THINVOL:207	MVI12.5:0.94 BA:35.3 SPH:1581 THINVOL:208	MVI12.5:0.91 BA:35.7 SPH:1721 THINVOL:210	MVI12.5:0.91 BA:35.7 SPH:1865 THINVOL:210	MVI12.5:0.92 BA:35.7 SPH:2010 THINVOL:210	MVI12.5:0.91 BA:35.3 SPH:2164 THINVOL:209	MVI12.5:0.91 BA:35.0 SPH:2304 THINVOL:208	MVI12.5:0.91 BA:34.6 SPH:2400 THINVOL:206	MVI12.5:0.90 BA:34.5 SPH:2562 THINVOL:206	MVI12.5:0.90 BA:34.2 SPH:2732 THINVOL:205
24	MVI12.5:0.88 BA:30.3 SPH:628 THINVOL:210	MVI12.5:0.89 BA:33.6 SPH:815 THINVOL:229	MVI12.5:0.92 BA:35.5 SPH:957 THINVOL:240	MVI12.5:0.90 BA:36.6 SPH:1083 THINVOL:245	MVI12.5:0.92 BA:38.1 SPH:1261 THINVOL:253	MVI12.5:0.92 BA:38.6 SPH:1385 THINVOL:255	MVI12.5:0.95 BA:39.0 SPH:1581 THINVOL:257	MVI12.5:0.93 BA:39.4 SPH:1718 THINVOL:259	MVI12.5:0.93 BA:39.2 SPH:1863 THINVOL:259	MVI12.5:0.93 BA:39.2 SPH:2005 THINVOL:260	MVI12.5:0.92 BA:39.0 SPH:2155 THINVOL:258	MVI12.5:0.92 BA:38.7 SPH:2284 THINVOL:258	MVI12.5:0.92 BA:38.2 SPH:2384 THINVOL:256	MVI12.5:0.92 BA:38.2 SPH:2538 THINVOL:256	MVI12.5:0.92 BA:37.8 SPH:2703 THINVOL:255
26	MVI12.5:0.90 BA:34.0 SPH:628 THINVOL:262	MVI12.5:0.91 BA:37.3 SPH:816 THINVOL:282	MVI12.5:0.93 BA:39.2 SPH:957 THINVOL:294	MVI12.5:0.91 BA:40.3 SPH:1080 THINVOL:299	MVI12.5:0.93 BA:41.7 SPH:1255 THINVOL:308	MVI12.5:0.94 BA:42.3 SPH:1375 THINVOL:310	MVI12.5:0.96 BA:42.5 SPH:1568 THINVOL:311	MVI12.5:0.94 BA:42.8 SPH:1708 THINVOL:313	MVI12.5:0.94 BA:42.8 SPH:1835 THINVOL:313	MVI12.5:0.94 BA:42.8 SPH:1970 THINVOL:315	MVI12.5:0.93 BA:42.5 SPH:2104 THINVOL:313	MVI12.5:0.92 BA:42.1 SPH:2207 THINVOL:312	MVI12.5:0.92 BA:41.6 SPH:2296 THINVOL:311	MVI12.5:0.92 BA:41.6 SPH:2434 THINVOL:311	MVI12.5:0.92 BA:41.4 SPH:2561 THINVOL:310
28	MVI12.5:0.91 BA:37.8 SPH:628 THINVOL:319	MVI12.5:0.92 BA:41.1 SPH:816 THINVOL:342	MVI12.5:0.94 BA:42.8 SPH:952 THINVOL:352	MVI12.5:0.93 BA:43.9 SPH:1074 THINVOL:358	MVI12.5:0.94 BA:45.2 SPH:1242 THINVOL:366	MVI12.5:0.94 BA:45.7 SPH:1351 THINVOL:369	MVI12.5:0.97 BA:46.0 SPH:1513 THINVOL:370	MVI12.5:0.94 BA:46.4 SPH:1636 THINVOL:372	MVI12.5:0.94 BA:46.3 SPH:1734 THINVOL:373	MVI12.5:0.95 BA:46.1 SPH:1860 THINVOL:374	MVI12.5:0.95 BA:45.8 SPH:1940 THINVOL:372	MVI12.5:0.94 BA:45.5 SPH:2007 THINVOL:372	MVI12.5:0.94 BA:45.4 SPH:2093 THINVOL:371	MVI12.5:0.93 BA:45.1 SPH:2179 THINVOL:371	MVI12.5:0.93 BA:44.9 SPH:2252 THINVOL:370
30	MVI12.5:0.92 BA:41.6 SPH:628 THINVOL:382	MVI12.5:0.93 BA:44.7 SPH:808 THINVOL:405	MVI12.5:0.95 BA:46.5 SPH:944 THINVOL:416	MVI12.5:0.93 BA:47.4 SPH:1049 THINVOL:421	MVI12.5:0.95 BA:48.8 SPH:1207 THINVOL:430	MVI12.5:0.95 BA:49.0 SPH:1291 THINVOL:431	MVI12.5:0.98 BA:49.2 SPH:1411 THINVOL:433	MVI12.5:0.95 BA:49.5 SPH:1519 THINVOL:434	MVI12.5:0.95 BA:49.2 SPH:1576 THINVOL:434	MVI12.5:0.96 BA:49.1 SPH:1644 THINVOL:436	MVI12.5:0.96 BA:49.0 SPH:1730 THINVOL:435	MVI12.5:0.95 BA:48.8 SPH:1759 THINVOL:435	MVI12.5:0.94 BA:48.3 SPH:1802 THINVOL:433	MVI12.5:0.94 BA:48.1 SPH:1840 THINVOL:434	MVI12.5:0.95 BA:48.0 SPH:1910 THINVOL:433
32	MVI12.5:0.93 BA:45.4 SPH:626 THINVOL:451	MVI12.5:0.94 BA:48.3 SPH:800 THINVOL:473	MVI12.5:0.96 BA:49.9 SPH:917 THINVOL:484	MVI12.5:0.95 BA:50.7 SPH:1013 THINVOL:488	MVI12.5:0.96 BA:51.8 SPH:1140 THINVOL:496	MVI12.5:0.96 BA:52.0 SPH:1208 THINVOL:498	MVI12.5:0.99 BA:52.1 SPH:1296 THINVOL:498	MVI12.5:0.97 BA:52.3 SPH:1377 THINVOL:499	MVI12.5:0.96 BA:52.0 SPH:1426 THINVOL:499	MVI12.5:0.98 BA:51.5 SPH:1433 THINVOL:501	MVI12.5:0.97 BA:51.6 SPH:1501 THINVOL:499	MVI12.5:0.96 BA:51.3 SPH:1518 THINVOL:499	MVI12.5:0.96 BA:50.8 SPH:1511 THINVOL:497	MVI12.5:0.95 BA:50.7 SPH:1546 THINVOL:498	MVI12.5:0.96 BA:50.3 SPH:1605 THINVOL:496
36	MVI12.5:0.95 BA:53.2 SPH:623 THINVOL:604	MVI12.5:0.96 BA:55.7 SPH:780 THINVOL:625	MVI12.5:0.98 BA:56.7 SPH:870 THINVOL:634	MVI12.5:0.97 BA:57.1 SPH:947 THINVOL:635	MVI12.5:0.98 BA:57.8 SPH:1037 THINVOL:643	MVI12.5:0.97 BA:57.5 SPH:1073 THINVOL:641	MVI12.5:1.00 BA:57.3 SPH:1132 THINVOL:640	MVI12.5:0.98 BA:57.0 SPH:1153 THINVOL:638	MVI12.5:0.98 BA:56.8 SPH:1191 THINVOL:640	MVI12.5:0.99 BA:56.2 SPH:1165 THINVOL:641	MVI12.5:0.98 BA:56.2 SPH:1228 THINVOL:639	MVI12.5:0.96 BA:55.8 SPH:1212 THINVOL:638	MVI12.5:0.97 BA:55.5 SPH:1240 THINVOL:636	MVI12.5:0.96 BA:55.4 SPH:1241 THINVOL:639	MVI12.5:0.97 BA:55.0 SPH:1271 THINVOL:635
40	MVI12.5:0.98 BA:61.0 SPH:603 THINVOL:783	MVI12.5:0.98 BA:62.8 SPH:736 THINVOL:799	MVI12.5:1.01 BA:63.1 SPH:788 THINVOL:806	MVI12.5:0.98 BA:63.2 SPH:856 THINVOL:803	MVI12.5:0.99 BA:63.6 SPH:928 THINVOL:811	MVI12.5:0.98 BA:62.6 SPH:916 THINVOL:804	MVI12.5:1.01 BA:62.5 SPH:972 THINVOL:804	MVI12.5:0.99 BA:62.0 SPH:975 THINVOL:802	MVI12.5:0.99 BA:61.8 SPH:1011 THINVOL:803	MVI12.5:1.00 BA:61.1 SPH:968 THINVOL:805	MVI12.5:0.99 BA:61.2 SPH:1022 THINVOL:802	MVI12.5:0.98 BA:60.6 SPH:993 THINVOL:801	MVI12.5:0.99 BA:60.8 SPH:1052 THINVOL:801	MVI12.5:0.97 BA:60.6 SPH:1046 THINVOL:802	MVI12.5:0.99 BA:60.4 SPH:1056 THINVOL:801

Species	Hwc														
Thinning Age	45														
BA Removal	40%														
SI	Modelled Establishment Density														
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90
	BA:22.9	BA:26.0	BA:27.8	BA:28.9	BA:30.4	BA:30.9	BA:31.2	BA:31.5	BA:31.6	BA:31.4	BA:31.1	BA:30.7	BA:30.5	BA:30.1	BA:29.8
	SPH:626	SPH:813	SPH:956	SPH:1080	SPH:1257	SPH:1382	SPH:1577	SPH:1718	SPH:1860	SPH:2007	SPH:2160	SPH:2299	SPH:2397	SPH:2559	SPH:2726
20	THINVOL:123	THINVOL:138	THINVOL:146	THINVOL:150	THINVOL:157	THINVOL:159	THINVOL:159	THINVOL:161	THINVOL:161	THINVOL:161	THINVOL:159	THINVOL:158	THINVOL:157	THINVOL:155	THINVOL:154
	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.90
	BA:26.7	BA:30.0	BA:31.9	BA:33.0	BA:34.4	BA:35.0	BA:35.3	BA:35.7	BA:35.7	BA:35.5	BA:35.3	BA:35.1	BA:34.7	BA:34.3	BA:34.1
22	SPH:626	SPH:813	SPH:956	SPH:1080	SPH:1257	SPH:1382	SPH:1577	SPH:1718	SPH:1859	SPH:2006	SPH:2158	SPH:2298	SPH:2395	SPH:2559	SPH:2725
	THINVOL:164	THINVOL:181	THINVOL:190	THINVOL:195	THINVOL:202	THINVOL:204	THINVOL:206	THINVOL:207	THINVOL:207	THINVOL:207	THINVOL:206	THINVOL:205	THINVOL:204	THINVOL:202	THINVOL:202
	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92
24	BA:30.6	BA:34.0	BA:35.8	BA:36.9	BA:38.4	BA:38.9	BA:39.2	BA:39.6	BA:39.5	BA:39.6	BA:39.2	BA:38.9	BA:38.5	BA:38.4	BA:38.2
	SPH:626	SPH:813	SPH:955	SPH:1080	SPH:1257	SPH:1381	SPH:1576	SPH:1713	SPH:1854	SPH:1995	SPH:2146	SPH:2275	SPH:2372.1	SPH:2521	SPH:2688
	THINVOL:212	THINVOL:231	THINVOL:240	THINVOL:246	THINVOL:254	THINVOL:256	THINVOL:257	THINVOL:259	THINVOL:259	THINVOL:260	THINVOL:258	THINVOL:258	THINVOL:256	THINVOL:256	THINVOL:255
26	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93
	BA:34.5	BA:37.8	BA:39.7	BA:40.7	BA:42.2	BA:42.7	BA:43.1	BA:43.4	BA:43.3	BA:43.2	BA:43.0	BA:42.7	BA:42.2	BA:42.2	BA:41.8
	SPH:626	SPH:813	SPH:954	SPH:1075	SPH:1249	SPH:1370	SPH:1562	SPH:1694	SPH:1817	SPH:1958	SPH:2094	SPH:2170	SPH:2270	SPH:2400	SPH:2517
28	THINVOL:266	THINVOL:286	THINVOL:297	THINVOL:303	THINVOL:311	THINVOL:313	THINVOL:315	THINVOL:316	THINVOL:316	THINVOL:318	THINVOL:316	THINVOL:31	THINVOL:314	THINVOL:314	THINVOL:313
	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94
	BA:38.4	BA:41.7	BA:43.6	BA:44.6	BA:46.0	BA:46.4	BA:46.7	BA:46.9	BA:46.9	BA:46.9	BA:46.6	BA:46.2	BA:45.8	BA:45.8	BA:45.5
30	SPH:625	SPH:812	SPH:948	SPH:1066	SPH:1235	SPH:1342	SPH:1485	SPH:1599	SPH:1704	SPH:1804	SPH:1886	SPH:1947	SPH:2013	SPH:2097	SPH:2159
	THINVOL:327	THINVOL:348	THINVOL:360	THINVOL:365	THINVOL:373	THINVOL:375	THINVOL:377	THINVOL:378	THINVOL:379	THINVOL:381	THINVOL:378	THINVOL:378	THINVOL:377	THINVOL:377	THINVOL:376
	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95
32	BA:42.4	BA:45.7	BA:47.2	BA:48.1	BA:49.5	BA:49.8	BA:50.0	BA:50.4	BA:50.1	BA:49.8	BA:49.5	BA:49.5	BA:49.0	BA:49.0	BA:48.8
	SPH:626	SPH:806	SPH:933	SPH:1036	SPH:1184	SPH:1264	SPH:1380	SPH:1478	SPH:1536	SPH:1573	SPH:1645	SPH:1675	SPH:1714	SPH:1760	SPH:1815
	THINVOL:394	THINVOL:416	THINVOL:426	THINVOL:431	THINVOL:439	THINVOL:441	THINVOL:443	THINVOL:444	THINVOL:444	THINVOL:445	THINVOL:443	THINVOL:444	THINVOL:442	THINVOL:443	THINVOL:442
36	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.97
	BA:46.4	BA:49.3	BA:50.8	BA:51.6	BA:52.6	BA:52.7	BA:52.7	BA:52.7	BA:52.5	BA:52.1	BA:52.1	BA:51.8	BA:51.2	BA:51.2	BA:50.8
	SPH:623	SPH:794	SPH:908	SPH:1002	SPH:1114	SPH:1178	SPH:1254	SPH:1317	SPH:1358	SPH:1362	SPH:1421	SPH:1430	SPH:1434	SPH:1461	SPH:1507
40	THINVOL:465	THINVOL:487	THINVOL:498	THINVOL:501	THINVOL:509	THINVOL:509	THINVOL:510	THINVOL:509	THINVOL:510	THINVOL:511	THINVOL:510	THINVOL:510	THINVOL:507	THINVOL:509	THINVOL:507
	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.97
	BA:50.5	BA:53.2	BA:54.4	BA:54.8	BA:55.7	BA:55.5	BA:55.5	BA:55.4	BA:55.2	BA:54.5	BA:54.5	BA:54.2	BA:53.9	BA:53.5	BA:53.2
38	SPH:623	SPH:785.18	SPH:883	SPH:957	SPH:1065	SPH:1107	SPH:1173	SPH:1214	SPH:1252	SPH:1232	SPH:1281	SPH:1294	SPH:1307	SPH:1297	SPH:1346
	THINVOL:543	THINVOL:564	THINVOL:573	THINVOL:574	THINVOL:582	THINVOL:582	THINVOL:582	THINVOL:581	THINVOL:582	THINVOL:583	THINVOL:581	THINVOL:581	THINVOL:579	THINVOL:579	THINVOL:577
	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:01.00	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.98
42	BA:58.4	BA:60.6	BA:61.0	BA:61.3	BA:61.6	BA:60.5	BA:60.5	BA:60.1	BA:60.0	BA:59.4	BA:59.3	BA:58.8	BA:59.1	BA:58.7	BA:58.3
	SPH:606	SPH:749	SPH:807	SPH:883	SPH:949	SPH:941	SPH:996	SPH:1013	SPH:1049	SPH:1012	SPH:1067	SPH:1042	SPH:1100	SPH:1082	SPH:1099
	THINVOL:715	THINVOL:733	THINVOL:740	THINVOL:739	THINVOL:745	THINVOL:738	THINVOL:738	THINVOL:737	THINVOL:738	THINVOL:741	THINVOL:737	THINVOL:736	THINVOL:738	THINVOL:738	THINVOL:735
44	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.01	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:0.99	1MVI12.5:1.01	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:0.97	MVI12.5:1.00
	BA:66.6	BA:67.4	BA:67.5	BA:66.9	BA:66.60	BA:65.6	BA:65.4	BA:64.6	BA:64.5	BA:63.9	BA:63.4	BA:63.5	BA:63.4	BA:63.3	BA:63.1
	SPH:579	SPH:677	SPH:714	SPH:759	SPH:795.98	SPH:785	SPH:820	SPH:806	SPH:833	SPH:797	SPH:821	SPH:807	SPH:855	SPH:850	SPH:859
46	THINVOL:919	THINVOL:928	THINVOL:934	THINVOL:925	THINVOL:928	THINVOL:921	THINVOL:920	THINVOL:917	THINVOL:918	THINVOL:921	THINVOL:913	THINVOL:919	THINVOL:914	THINVOL:917	THINVOL:917

Modelled Volume Impact, thinning from below, removing a percentage of the pre-harvest basal area

MVI12.5 = modelled volume impact, only stems >=12.5cm dbh contribute // SPH = pre-thinning trees per hectare >=12.5cm dbh //

BA = basal area of trees >=12.5cm dbh (m2/ha) // THINVOL= modelled m3 removed at thinning (to 12.5cm dbh and 7.5cm top inside bark) // Shading: Darkest green = MVI is >0.95, It green = MVI =0.90-0.94

Modelled Volume impact compares the cumulative volume from the thinning plus a final clearcut felling at age 70, compared to a clearcut control at age 70.

Professional interpolation is appropriate when using a thinning age not presented in the following tables.

Species	Hwc														
Thinning Age	25														
BA Removal	50%														
SI	Modelled Establishment Density														
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.67	MVI12.5:0.68	MVI12.5:0.73	MVI12.5:0.72	MVI12.5:0.76	MVI12.5:0.76	MVI12.5:0.82	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.86
	BA:3.7	BA:4.0	BA:4.1	BA:4.2	BA:4.0	BA:4.0	BA:3.7	BA:3.5	BA:3.5	BA:3.3	BA:3.0	BA:2.9	BA:2.6	BA:2.5	BA:2.3
	SPH:637	SPH:828	SPH:974	SPH:1102	SPH:1283	SPH:1411	SPH:1611	SPH:1756	SPH:1902	SPH:2055	SPH:2212	SPH:2356	SPH:2457	SPH:2626	SPH:2801
	THINVOL:11	THINVOL:12	THINVOL:12	THINVOL:12	THINVOL:12	THINVOL:12	THINVOL:11	THINVOL:10	THINVOL:10	THINVOL:10	THINVOL:9	THINVOL:9	THINVOL:8	THINVOL:7	THINVOL:7
20	MVI12.5:0.71	MVI12.5:0.72	MVI12.5:0.77	MVI12.5:0.76	MVI12.5:0.79	MVI12.5:0.80	MVI12.5:0.85	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.88
	BA:7.7	BA:8.6	BA:9.1	BA:9.4	BA:9.5	BA:9.3	BA:8.8	BA:8.6	BA:8.3	BA:7.8	BA:7.6	BA:7.3	BA:6.9	BA:6.5	BA:6.1
	SPH:636	SPH:825	SPH:972	SPH:1099	SPH:1279	SPH:1407	SPH:1605	SPH:1750	SPH:1895	SPH:2047	SPH:2203	SPH:2346	SPH:2446	SPH:2614	SPH:2788
	THINVOL:26	THINVOL:28	THINVOL:30	THINVOL:31	THINVOL:31	THINVOL:31	THINVOL:29	THINVOL:29	THINVOL:28	THINVOL:27	THINVOL:26	THINVOL:25	THINVOL:24	THINVOL:22	THINVOL:21
22	MVI12.5:0.75	MVI12.5:0.77	MVI12.5:0.82	MVI12.5:0.80	MVI12.5:0.83	MVI12.5:0.83	MVI12.5:0.89	MVI12.5:0.87	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.89
	BA:11.4	BA:13.1	BA:14.0	BA:14.5	BA:15.0	BA:14.7	BA:14.5	BA:14.5	BA:14.0	BA:13.4	BA:13.1	BA:12.6	BA:12.2	BA:12.1	BA:11.5
	SPH:634	SPH:824	SPH:970	SPH:1097	SPH:1276	SPH:1404	SPH:1601	SPH:1744	SPH:1890	SPH:2039	SPH:2195	SPH:2336	SPH:2437	SPH:2604	SPH:2776
	THINVOL:43	THINVOL:49	THINVOL:52	THINVOL:53	THINVOL:55	THINVOL:55	THINVOL:54	THINVOL:54	THINVOL:53	THINVOL:51	THINVOL:50	THINVOL:49	THINVOL:47	THINVOL:47	THINVOL:45
24	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.86	MVI12.5:0.84	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.92	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91
	BA:14.6	BA:17.0	BA:18.2	BA:18.9	BA:19.7	BA:19.7	BA:19.7	BA:19.8	BA:19.2	BA:19.2	BA:18.5	BA:18.4	BA:17.7	BA:17.1	BA:16.9
	SPH:633	SPH:822	SPH:968	SPH:1094	SPH:1274	SPH:1400	SPH:1598	SPH:1740	SPH:1885	SPH:2035	SPH:2189	SPH:2330	SPH:2429	SPH:2596	SPH:2767
	THINVOL:62	THINVOL:71	THINVOL:76	THINVOL:78	THINVOL:82	THINVOL:82	THINVOL:82	THINVOL:83	THINVOL:81	THINVOL:81	THINVOL:79	THINVOL:78	THINVOL:76	THINVOL:74	THINVOL:73
26	MVI12.5:0.82	MVI12.5:0.84	MVI12.5:0.89	MVI12.5:0.87	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.95	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.91
	BA:17.4	BA:20.2	BA:21.7	BA:22.7	BA:23.7	BA:23.9	BA:23.9	BA:24.3	BA:23.8	BA:23.8	BA:23.5	BA:22.9	BA:22.7	BA:21.8	BA:21.7
	SPH:632	SPH:822	SPH:966	SPH:1092	SPH:1272	SPH:1399	SPH:1595	SPH:1738	SPH:1881	SPH:2031	SPH:2185	SPH:2325	SPH:2425	SPH:2590	SPH:2760
	THINVOL:82	THINVOL:94	THINVOL:101	THINVOL:105	THINVOL:110	THINVOL:111	THINVOL:111	THINVOL:113	THINVOL:111	THINVOL:111	THINVOL:110	THINVOL:108	THINVOL:107	THINVOL:104	THINVOL:103
28	MVI12.5:0.84	MVI12.5:0.87	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.97	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92
	BA:20.2	BA:23.2	BA:24.7	BA:25.8	BA:27.1	BA:27.5	BA:27.8	BA:27.9	BA:27.8	BA:27.6	BA:27.2	BA:26.9	BA:26.8	BA:26.1	BA:25.8
	SPH:632	SPH:822	SPH:966	SPH:1092	SPH:1271	SPH:1398	SPH:1593	SPH:1736	SPH:1881	SPH:2029	SPH:2184	SPH:2324	SPH:2423	SPH:2587	SPH:2758
	THINVOL:106	THINVOL:120	THINVOL:127	THINVOL:132	THINVOL:139	THINVOL:141	THINVOL:142	THINVOL:143	THINVOL:143	THINVOL:142	THINVOL:141	THINVOL:140	THINVOL:139	THINVOL:136	THINVOL:135
30	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.98	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93
	BA:23.0	BA:26.0	BA:27.8	BA:28.8	BA:30.2	BA:30.6	BA:30.9	BA:31.1	BA:31.0	BA:30.9	BA:30.7	BA:30.3	BA:30.3	BA:29.6	BA:29.4
	SPH:633	SPH:822	SPH:966	SPH:1092	SPH:1271	SPH:1397	SPH:1594	SPH:1735	SPH:1880	SPH:2029	SPH:2183	SPH:2323	SPH:2423	SPH:2587	SPH:2758
	THINVOL:134	THINVOL:150	THINVOL:159	THINVOL:164	THINVOL:171	THINVOL:173	THINVOL:175	THINVOL:176	THINVOL:176	THINVOL:176	THINVOL:175	THINVOL:174	THINVOL:173	THINVOL:171	THINVOL:170
32	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.94
	BA:25.8	BA:28.9	BA:30.7	BA:31.7	BA:33.1	BA:33.5	BA:34.0	BA:34.2	BA:34.2	BA:33.9	BA:33.8	BA:33.4	BA:33.1	BA:32.8	BA:32.5
	SPH:633	SPH:822	SPH:966	SPH:1092	SPH:1271	SPH:1398	SPH:1594	SPH:1735	SPH:1880	SPH:2028	SPH:2182	SPH:2322	SPH:2424	SPH:2585	SPH:2757
	THINVOL:166	THINVOL:184	THINVOL:194	THINVOL:200	THINVOL:208	THINVOL:210	THINVOL:212	THINVOL:214	THINVOL:214	THINVOL:213	THINVOL:213	THINVOL:212	THINVOL:211	THINVOL:210	THINVOL:208
36	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:1.00	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96
	BA:31.8	BA:34.9	BA:36.7	BA:37.7	BA:38.9	BA:39.3	BA:39.7	BA:40.0	BA:39.5	BA:39.3	BA:39.5	BA:39.2	BA:38.7	BA:38.5	BA:38.3
	SPH:633	SPH:822	SPH:966	SPH:1092	SPH:1269	SPH:1395	SPH:1588	SPH:1728	SPH:1867	SPH:2009	SPH:2164	SPH:2273	SPH:2367	SPH:2513	SPH:2665
	THINVOL:248	THINVOL:270	THINVOL:281	THINVOL:287	THINVOL:296	THINVOL:298	THINVOL:300	THINVOL:302	THINVOL:303	THINVOL:302	THINVOL:302	THINVOL:302	THINVOL:300	THINVOL:300	THINVOL:299
40	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:1.01	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.02	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.98
	BA:38.3	BA:41.4	BA:43.0	BA:43.9	BA:45.1	BA:45.3	BA:45.5	BA:45.6	BA:45.4	BA:45.2	BA:45.2	BA:44.8	BA:44.3	BA:44.2	BA:44.0
	SPH:633	SPH:821	SPH:958	SPH:1078	SPH:1244	SPH:1351	SPH:1499	SPH:1614	SPH:1711	SPH:1812	SPH:1895	SPH:1980	SPH:2024	SPH:2102	SPH:2179
	THINVOL:353	THINVOL:377	THINVOL:389	THINVOL:395	THINVOL:404	THINVOL:406	THINVOL:408	THINVOL:409	THINVOL:409	THINVOL:411	THINVOL:410	THINVOL:409	THINVOL:408	THINVOL:408	THINVOL:407

Species	Hwc														
Thinning Age	30														
BA Removal	50%														
SI	Modelled Establishment Density														
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.71	MVI12.5:0.72	MVI12.5:0.77	MVI12.5:0.75	MVI12.5:0.78	MVI12.5:0.78	MVI12.5:0.84	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.86
	BA:10.6	BA:12.0	BA:12.8	BA:13.4	BA:13.8	BA:13.7	BA:13.3	BA:13.3	BA:13.0	BA:12.2	BA:11.9	BA:11.4	BA:11.3	BA:10.7	BA:10.4
	SPH:633	SPH:823	SPH:967	SPH:1094	SPH:1273	SPH:1400	SPH:1598	SPH:1741	SPH:1886	SPH:2037	SPH:2191	SPH:2333	SPH:2433	SPH:2599	SPH:2772
	THINVOL:38	THINVOL:43	THINVOL:45	THINVOL:47	THINVOL:49	THINVOL:48	THINVOL:47	THINVOL:47	THINVOL:46	THINVOL:44	THINVOL:43	THINVOL:42	THINVOL:41	THINVOL:39	THINVOL:38
20	MVI12.5:0.75	MVI12.5:0.77	MVI12.5:0.82	MVI12.5:0.80	MVI12.5:0.83	MVI12.5:0.83	MVI12.5:0.87	MVI12.5:0.85	MVI12.5:0.85	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.88
	BA:14.4	BA:16.7	BA:18.0	BA:18.7	BA:19.5	BA:19.5	BA:19.5	BA:19.4	BA:19.0	BA:18.9	BA:18.3	BA:18.0	BA:17.5	BA:16.7	BA:16.5
	SPH:632	SPH:821	SPH:966	SPH:1092	SPH:1270	SPH:1397	SPH:1594	SPH:1736	SPH:1880	SPH:2030	SPH:2184	SPH:2325	SPH:2424	SPH:2590	SPH:2761
	THINVOL:59	THINVOL:67	THINVOL:72	THINVOL:75	THINVOL:78	THINVOL:78	THINVOL:78	THINVOL:78	THINVOL:78	THINVOL:77	THINVOL:76	THINVOL:74	THINVOL:73	THINVOL:69	THINVOL:68
22	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.86	MVI12.5:0.84	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.91	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90
	BA:17.6	BA:20.5	BA:21.9	BA:22.9	BA:23.9	BA:24.2	BA:24.4	BA:24.5	BA:24.2	BA:24.2	BA:23.8	BA:23.4	BA:23.0	BA:22.4	BA:22.1
	SPH:631	SPH:819	SPH:964	SPH:1090	SPH:1269	SPH:1395	SPH:1591	SPH:1733	SPH:1877	SPH:2025	SPH:2179	SPH:2320	SPH:2418	SPH:2583	SPH:2753
	THINVOL:81	THINVOL:93	THINVOL:99	THINVOL:103	THINVOL:107	THINVOL:109	THINVOL:109	THINVOL:110	THINVOL:109	THINVOL:109	THINVOL:108	THINVOL:107	THINVOL:105	THINVOL:103	THINVOL:101
24	MVI12.5:0.81	MVI12.5:0.84	MVI12.5:0.89	MVI12.5:0.87	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91
	BA:20.6	BA:23.6	BA:25.3	BA:26.4	BA:27.8	BA:28.1	BA:28.5	BA:28.7	BA:28.5	BA:28.5	BA:28.3	BA:27.9	BA:27.5	BA:27.1	BA:26.9
	SPH:631	SPH:819	SPH:963	SPH:1090	SPH:1268	SPH:1394	SPH:1589	SPH:1731	SPH:1875	SPH:2024	SPH:2177	SPH:2317	SPH:2416	SPH:2581	SPH:2750
	THINVOL:106	THINVOL:120	THINVOL:128	THINVOL:133	THINVOL:139	THINVOL:141	THINVOL:142	THINVOL:144	THINVOL:143	THINVOL:143	THINVOL:142	THINVOL:141	THINVOL:139	THINVOL:138	THINVOL:137
26	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.91	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92
	BA:23.6	BA:26.8	BA:28.7	BA:29.7	BA:31.1	BA:31.7	BA:31.9	BA:32.2	BA:32.1	BA:32.2	BA:31.8	BA:31.4	BA:31.0	BA:30.8	BA:30.6
	SPH:631	SPH:820	SPH:963	SPH:1089	SPH:1268	SPH:1394	SPH:1589	SPH:1732	SPH:1875	SPH:2023	SPH:2176	SPH:2317	SPH:2416	SPH:2580	SPH:2750
	THINVOL:136	THINVOL:152	THINVOL:162	THINVOL:167	THINVOL:174	THINVOL:176	THINVOL:177	THINVOL:179	THINVOL:179	THINVOL:179	THINVOL:178	THINVOL:177	THINVOL:175	THINVOL:174	THINVOL:173
28	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93
	BA:26.7	BA:30.0	BA:31.7	BA:32.8	BA:34.3	BA:34.9	BA:35.1	BA:35.5	BA:35.5	BA:35.3	BA:35.0	BA:34.7	BA:34.4	BA:34.2	BA:34.0
	SPH:631	SPH:820	SPH:964	SPH:1090	SPH:1268	SPH:1394	SPH:1589	SPH:1731	SPH:1874	SPH:2021	SPH:2174	SPH:2316	SPH:2414	SPH:2578	SPH:2747
	THINVOL:172	THINVOL:190	THINVOL:199	THINVOL:205	THINVOL:213	THINVOL:215	THINVOL:217	THINVOL:219	THINVOL:219	THINVOL:219	THINVOL:218	THINVOL:217	THINVOL:216	THINVOL:215	THINVOL:215
30	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94
	BA:29.9	BA:33.1	BA:34.9	BA:36.0	BA:37.5	BA:37.9	BA:38.2	BA:38.4	BA:38.4	BA:38.3	BA:38.2	BA:37.8	BA:37.5	BA:37.1	BA:37.1
	SPH:632	SPH:820	SPH:963	SPH:1090	SPH:1267	SPH:1392	SPH:1590	SPH:1726	SPH:1870	SPH:2017	SPH:2167	SPH:2299	SPH:2392	SPH:2554	SPH:2719
	THINVOL:212	THINVOL:232	THINVOL:243	THINVOL:249	THINVOL:257	THINVOL:259	THINVOL:261	THINVOL:262	THINVOL:263	THINVOL:264	THINVOL:263	THINVOL:262	THINVOL:261	THINVOL:260	THINVOL:260
32	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95
	BA:33.1	BA:36.3	BA:38.2	BA:39.2	BA:40.6	BA:41.0	BA:41.5	BA:41.7	BA:41.6	BA:41.3	BA:41.3	BA:40.9	BA:40.6	BA:40.3	BA:40.0
	SPH:632	SPH:820	SPH:963	SPH:1087	SPH:1262	SPH:1388	SPH:1577	SPH:1721	SPH:1856	SPH:1998	SPH:2129	SPH:2244	SPH:2334	SPH:2478	SPH:2620
	THINVOL:259	THINVOL:280	THINVOL:292	THINVOL:297	THINVOL:306	THINVOL:308	THINVOL:311	THINVOL:312	THINVOL:313	THINVOL:313	THINVOL:312	THINVOL:312	THINVOL:311	THINVOL:310	THINVOL:309
36	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:1.01	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97
	BA:39.9	BA:43.0	BA:44.8	BA:45.7	BA:46.9	BA:47.1	BA:47.5	BA:47.8	BA:47.6	BA:47.1	BA:47.2	BA:47.0	BA:46.5	BA:46.3	BA:46.1
	SPH:632	SPH:814	SPH:953	SPH:1065	SPH:1227	SPH:1327	SPH:1455	SPH:1575	SPH:1659	SPH:1741	SPH:1833	SPH:1882	SPH:1924	SPH:1977	SPH:2052
	THINVOL:369	THINVOL:392	THINVOL:405	THINVOL:410	THINVOL:419	THINVOL:420	THINVOL:423	THINVOL:424	THINVOL:424	THINVOL:424	THINVOL:425	THINVOL:425	THINVOL:425	THINVOL:423	THINVOL:424
40	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:1.01	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.03	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:0.98	MVI12.5:1.00
	BA:47.1	BA:49.9	BA:51.3	BA:51.9	BA:52.8	BA:53.1	BA:53.0	BA:52.9	BA:52.8	BA:52.2	BA:52.2	BA:52.1	BA:51.4	BA:51.4	BA:51.2
	SPH:629	SPH:807	SPH:919	SPH:1012	SPH:1126	SPH:1205	SPH:1279	SPH:1331	SPH:1389	SPH:1387	SPH:1455	SPH:1458	SPH:1466	SPH:1498	SPH:1548
	THINVOL:501	THINVOL:524	THINVOL:536	THINVOL:540	THINVOL:548	THINVOL:550	THINVOL:550	THINVOL:550	THINVOL:551	THINVOL:552	THINVOL:550	THINVOL:551	THINVOL:547	THINVOL:550	THINVOL:548

Species	Hwc														
Thinning Age	35														
BA Removal	50%														
SI	Modelled Establishment Density														
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.76	MVI12.5:0.77	MVI12.5:0.82	MVI12.5:0.80	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.87	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.87
	BA:15.6	BA:18.2	BA:19.6	BA:20.4	BA:21.4	BA:21.5	BA:21.5	BA:21.6	BA:21.3	BA:21.1	BA:20.5	BA:20.3	BA:19.8	BA:19.1	BA:18.6
	SPH:630	SPH:818	SPH:962	SPH:1089	SPH:1266	SPH:1392	SPH:1588	SPH:1730	SPH:1874	SPH:2022	SPH:2177	SPH:2317	SPH:2416	SPH:2580	SPH:2750
	THINVOL:66	THINVOL:76	THINVOL:81	THINVOL:84	THINVOL:88	THINVOL:88	THINVOL:88	THINVOL:89	THINVOL:88	THINVOL:87	THINVOL:85	THINVOL:84	THINVOL:83	THINVOL:80	THINVOL:79
20	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.85	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.90	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.87	MVI12.5:0.88
	BA:19.1	BA:22.1	BA:23.8	BA:24.8	BA:26.0	BA:26.4	BA:26.5	BA:26.7	BA:26.6	BA:26.4	BA:26.2	BA:25.7	BA:25.7	BA:24.7	BA:24.6
	SPH:629	SPH:817	SPH:962	SPH:1087	SPH:1265	SPH:1390	SPH:1585	SPH:1727	SPH:1870	SPH:2019	SPH:2172	SPH:2312	SPH:2410	SPH:2574	SPH:2744
	THINVOL:92	THINVOL:104	THINVOL:112	THINVOL:116	THINVOL:121	THINVOL:122	THINVOL:123	THINVOL:124	THINVOL:123	THINVOL:123	THINVOL:122	THINVOL:120	THINVOL:120	THINVOL:116	THINVOL:116
22	MVI12.5:0.82	MVI12.5:0.84	MVI12.5:0.88	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.90
	BA:22.5	BA:25.7	BA:27.3	BA:28.5	BA:29.8	BA:30.4	BA:30.7	BA:31.1	BA:30.9	BA:30.9	BA:30.5	BA:30.4	BA:29.9	BA:29.7	BA:29.3
	SPH:629	SPH:817	SPH:961	SPH:1086	SPH:1265	SPH:1390	SPH:1585	SPH:1727	SPH:1870	SPH:2017	SPH:2171	SPH:2310	SPH:2410	SPH:2573	SPH:2742
	THINVOL:121	THINVOL:137	THINVOL:145	THINVOL:149	THINVOL:156	THINVOL:158	THINVOL:159	THINVOL:161	THINVOL:161	THINVOL:161	THINVOL:159	THINVOL:159	THINVOL:157	THINVOL:156	THINVOL:155
24	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91
	BA:25.7	BA:29.0	BA:30.8	BA:31.9	BA:33.4	BA:33.9	BA:34.4	BA:34.7	BA:34.5	BA:34.4	BA:34.3	BA:33.9	BA:33.5	BA:33.4	BA:33.0
	SPH:629	SPH:817	SPH:961	SPH:1086	SPH:1265	SPH:1390	SPH:1585	SPH:1726	SPH:1870	SPH:2017	SPH:2172	SPH:2311	SPH:2408	SPH:2573	SPH:2741
	THINVOL:156	THINVOL:173	THINVOL:183	THINVOL:188	THINVOL:196	THINVOL:198	THINVOL:199	THINVOL:201	THINVOL:201	THINVOL:201	THINVOL:200	THINVOL:199	THINVOL:198	THINVOL:197	THINVOL:196
26	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.92	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.97	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92
	BA:29.1	BA:32.4	BA:34.3	BA:35.4	BA:36.8	BA:37.4	BA:37.7	BA:38.0	BA:38.0	BA:38.0	BA:37.7	BA:37.3	BA:36.8	BA:36.8	BA:36.6
	SPH:629	SPH:818	SPH:961	SPH:1086	SPH:1265	SPH:1389	SPH:1585	SPH:1724	SPH:1869	SPH:2013	SPH:2165	SPH:2298	SPH:2400	SPH:2556	SPH:2734
	THINVOL:197	THINVOL:216	THINVOL:227	THINVOL:232	THINVOL:240	THINVOL:242	THINVOL:244	THINVOL:246	THINVOL:246	THINVOL:247	THINVOL:245	THINVOL:245	THINVOL:243	THINVOL:243	THINVOL:242
28	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94
	BA:32.6	BA:35.9	BA:37.6	BA:38.7	BA:40.2	BA:40.7	BA:41.1	BA:41.4	BA:41.3	BA:41.1	BA:40.8	BA:40.6	BA:40.4	BA:40.1	BA:40.0
	SPH:629	SPH:818	SPH:961	SPH:1086	SPH:1262	SPH:1385	SPH:1577	SPH:1713	SPH:1853	SPH:1994	SPH:2149	SPH:2260	SPH:2344	SPH:2494	SPH:2644
	THINVOL:244	THINVOL:265	THINVOL:275	THINVOL:281	THINVOL:290	THINVOL:292	THINVOL:294	THINVOL:296	THINVOL:296	THINVOL:297	THINVOL:295	THINVOL:295	THINVOL:295	THINVOL:294	THINVOL:293
30	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.99	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.95
	BA:36.1	BA:39.3	BA:41.1	BA:42.2	BA:43.6	BA:43.9	BA:44.3	BA:44.5	BA:44.4	BA:44.4	BA:44.2	BA:43.8	BA:43.5	BA:43.2	BA:43.1
	SPH:630	SPH:818	SPH:957	SPH:1078	SPH:1251	SPH:1370	SPH:1549	SPH:1681	SPH:1798	SPH:1934	SPH:2037	SPH:2117	SPH:2210	SPH:2324	SPH:2420
	THINVOL:297	THINVOL:319	THINVOL:330	THINVOL:336	THINVOL:345	THINVOL:347	THINVOL:349	THINVOL:350	THINVOL:350	THINVOL:350	THINVOL:352	THINVOL:351	THINVOL:350	THINVOL:349	THINVOL:348
32	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:1.00	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.97
	BA:39.6	BA:42.8	BA:44.6	BA:45.5	BA:46.9	BA:47.1	BA:47.6	BA:47.9	BA:47.7	BA:47.4	BA:47.4	BA:47.1	BA:46.8	BA:46.5	BA:46.2
	SPH:629	SPH:815	SPH:947	SPH:1065	SPH:1226	SPH:1324	SPH:1463	SPH:1589	SPH:1670	SPH:1752	SPH:1839	SPH:1890	SPH:1943	SPH:1991	SPH:2083
	THINVOL:356	THINVOL:378	THINVOL:390	THINVOL:395	THINVOL:404	THINVOL:405	THINVOL:408	THINVOL:410	THINVOL:410	THINVOL:410	THINVOL:410	THINVOL:410	THINVOL:409	THINVOL:409	THINVOL:407
36	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:1.01	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.99
	BA:47.0	BA:49.9	BA:51.4	BA:52.1	BA:53.0	BA:53.1	BA:53.1	BA:53.1	BA:53.1	BA:52.4	BA:52.3	BA:52.3	BA:51.6	BA:51.6	BA:51.3
	SPH:627	SPH:801	SPH:916	SPH:1008	SPH:1123	SPH:1188	SPH:1266	SPH:1331	SPH:1389	SPH:1381	SPH:1433	SPH:1444	SPH:1462	SPH:1473	SPH:1532
	THINVOL:488	THINVOL:511	THINVOL:523	THINVOL:526	THINVOL:534	THINVOL:535	THINVOL:536	THINVOL:535	THINVOL:537	THINVOL:537	THINVOL:538	THINVOL:536	THINVOL:537	THINVOL:534	THINVOL:533
40	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:1.02	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.03	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.02	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:0.99
	BA:54.6	BA:57.0	BA:57.9	BA:58.2	BA:58.7	BA:58.6	BA:58.2	BA:58.0	BA:57.7	BA:57.3	BA:57.2	BA:56.7	BA:56.6	BA:56.4	BA:56.1
	SPH:623	SPH:782	SPH:862	SPH:934	SPH:1023	SPH:1063	SPH:1111	SPH:1131	SPH:1167	SPH:1150	SPH:1207	SPH:1185	SPH:1220	SPH:1225	SPH:1248
	THINVOL:644	THINVOL:665	THINVOL:674	THINVOL:675	THINVOL:682	THINVOL:681	THINVOL:679	THINVOL:678	THINVOL:679	THINVOL:681	THINVOL:679	THINVOL:678	THINVOL:677	THINVOL:678	THINVOL:676

Species	Hwc														
Thinning Age	40														
BA Removal	50%														
SI	Modelled Establishment Density														
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.85	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.90	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.88
	BA:19.5	BA:22.5	BA:24.2	BA:25.2	BA:26.6	BA:26.9	BA:27.1	BA:27.4	BA:27.5	BA:27.1	BA:26.9	BA:26.3	BA:26.3	BA:25.6	BA:25.2
	SPH:628	SPH:815	SPH:959	SPH:1084	SPH:1261	SPH:1386	SPH:1581	SPH:1722	SPH:1865	SPH:2013	SPH:2166	SPH:2305	SPH:2404	SPH:2567	SPH:2736
	THINVOL:94	THINVOL:107	THINVOL:114	THINVOL:117	THINVOL:123	THINVOL:125	THINVOL:125	THINVOL:126	THINVOL:126	THINVOL:125	THINVOL:125	THINVOL:122	THINVOL:122	THINVOL:120	THINVOL:118
20	MVI12.5:0.82	MVI12.5:0.84	MVI12.5:0.87	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.92	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.89
	BA:23.1	BA:26.3	BA:28.1	BA:29.3	BA:30.6	BA:31.2	BA:31.5	BA:31.8	BA:31.6	BA:31.4	BA:31.1	BA:30.9	BA:30.9	BA:30.3	BA:30.2
	SPH:628	SPH:815	SPH:958	SPH:1083	SPH:1261	SPH:1386	SPH:1581	SPH:1722	SPH:1865	SPH:2012	SPH:2164	SPH:2304	SPH:2403	SPH:2567	SPH:2735
	THINVOL:127	THINVOL:142	THINVOL:150	THINVOL:155	THINVOL:161	THINVOL:163	THINVOL:165	THINVOL:166	THINVOL:166	THINVOL:165	THINVOL:164	THINVOL:163	THINVOL:163	THINVOL:160	THINVOL:160
22	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.88	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.91
	BA:26.8	BA:30.1	BA:31.8	BA:33.0	BA:34.4	BA:35.0	BA:35.3	BA:35.7	BA:35.7	BA:35.7	BA:35.3	BA:35.0	BA:34.6	BA:34.5	BA:34.2
	SPH:628	SPH:815	SPH:958	SPH:1083	SPH:1261	SPH:1386	SPH:1581	SPH:1721	SPH:1865	SPH:2010	SPH:2164	SPH:2304	SPH:2400	SPH:2562	SPH:2732
	THINVOL:166	THINVOL:183	THINVOL:192	THINVOL:197	THINVOL:204	THINVOL:207	THINVOL:208	THINVOL:210	THINVOL:210	THINVOL:210	THINVOL:209	THINVOL:208	THINVOL:206	THINVOL:206	THINVOL:205
24	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93
	BA:30.3	BA:33.6	BA:35.5	BA:36.6	BA:38.1	BA:38.6	BA:39.0	BA:39.4	BA:39.2	BA:39.2	BA:39.0	BA:38.7	BA:38.2	BA:38.2	BA:37.8
	SPH:628	SPH:815	SPH:957	SPH:1083	SPH:1261	SPH:1385	SPH:1581	SPH:1718	SPH:1863	SPH:2005	SPH:2155	SPH:2284	SPH:2384	SPH:2538	SPH:2703
	THINVOL:210	THINVOL:229	THINVOL:240	THINVOL:245	THINVOL:253	THINVOL:255	THINVOL:257	THINVOL:259	THINVOL:259	THINVOL:260	THINVOL:258	THINVOL:258	THINVOL:256	THINVOL:256	THINVOL:255
26	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94
	BA:34.0	BA:37.3	BA:39.2	BA:40.3	BA:41.7	BA:42.3	BA:42.5	BA:42.8	BA:42.8	BA:42.8	BA:42.5	BA:42.1	BA:41.6	BA:41.6	BA:41.4
	SPH:628	SPH:816.34	SPH:957	SPH:1080	SPH:1255	SPH:1375	SPH:1568	SPH:1708	SPH:1835	SPH:1970	SPH:2104	SPH:2207	SPH:2296	SPH:2434	SPH:2561
	THINVOL:262	THINVOL:282.90	THINVOL:294	THINVOL:299	THINVOL:308	THINVOL:310	THINVOL:311	THINVOL:313	THINVOL:313	THINVOL:315	THINVOL:313	THINVOL:312	THINVOL:311	THINVOL:311	THINVOL:310
28	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95
	BA:37.8	BA:41.1	BA:42.8	BA:43.9	BA:45.2	BA:45.7	BA:46.0	BA:46.4	BA:46.3	BA:46.1	BA:45.8	BA:45.5	BA:45.4	BA:45.1	BA:44.9
	SPH:628	SPH:816	SPH:952	SPH:1074	SPH:1242	SPH:1351	SPH:1513	SPH:1636	SPH:1734	SPH:1860	SPH:1940	SPH:2007	SPH:2093	SPH:2179	SPH:2252
	THINVOL:319	THINVOL:342	THINVOL:352	THINVOL:358	THINVOL:366	THINVOL:369	THINVOL:370	THINVOL:372	THINVOL:373	THINVOL:374	THINVOL:372	THINVOL:372	THINVOL:371	THINVOL:371	THINVOL:370
30	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.97
	BA:41.6	BA:44.7	BA:46.5	BA:47.4	BA:48.8	BA:49.0	BA:49.2	BA:49.5	BA:49.2	BA:49.1	BA:49.0	BA:48.8	BA:48.3	BA:48.1	BA:48.0
	SPH:628	SPH:808	SPH:944	SPH:1049	SPH:1207	SPH:1291	SPH:1411	SPH:1519	SPH:1576	SPH:1644	SPH:1730	SPH:1759	SPH:1802	SPH:1840	SPH:1910
	THINVOL:382	THINVOL:405	THINVOL:416	THINVOL:421	THINVOL:430	THINVOL:431	THINVOL:433	THINVOL:434	THINVOL:434	THINVOL:436	THINVOL:435	THINVOL:435	THINVOL:433	THINVOL:434	THINVOL:433
32	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.98
	BA:45.4	BA:48.3	BA:49.9	BA:50.7	BA:51.8	BA:52.0	BA:52.1	BA:52.3	BA:52.0	BA:51.5	BA:51.6	BA:51.3	BA:50.8	BA:50.7	BA:50.3
	SPH:626	SPH:800	SPH:917	SPH:1013	SPH:1140	SPH:1208	SPH:1296	SPH:1377	SPH:1426	SPH:1433	SPH:1501	SPH:1518	SPH:1511	SPH:1546	SPH:1605
	THINVOL:451	THINVOL:473	THINVOL:484	THINVOL:488	THINVOL:496	THINVOL:498	THINVOL:498	THINVOL:499	THINVOL:499	THINVOL:501	THINVOL:499	THINVOL:499	THINVOL:497	THINVOL:498	THINVOL:496
36	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:1.00	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:1.02	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:1.00
	BA:53.2	BA:55.7	BA:56.7	BA:57.1	BA:57.8	BA:57.5	BA:57.3	BA:57.0	BA:56.8	BA:56.2	BA:56.2	BA:55.8	BA:55.5	BA:55.4	BA:55.0
	SPH:623	SPH:780	SPH:870	SPH:947	SPH:1037	SPH:1073	SPH:1132	SPH:1153	SPH:1191	SPH:1165	SPH:1228	SPH:1212	SPH:1240	SPH:1241	SPH:1271
	THINVOL:604	THINVOL:625	THINVOL:634	THINVOL:635	THINVOL:643	THINVOL:641	THINVOL:640	THINVOL:638	THINVOL:640	THINVOL:641	THINVOL:639	THINVOL:638	THINVOL:636	THINVOL:639	THINVOL:635
40	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:1.02	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.00	MVI12.5:1.03	MVI12.5:1.02	MVI12.5:1.01	MVI12.5:1.02	MVI12.5:1.01	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:0.99	MVI12.5:1.02
	BA:61.0	BA:62.8	BA:63.1	BA:63.2	BA:63.6	BA:62.6	BA:62.5	BA:62.0	BA:61.8	BA:61.1	BA:61.2	BA:60.6	BA:60.8	BA:60.6	BA:60.4
	SPH:603	SPH:736	SPH:788	SPH:856	SPH:928	SPH:916	SPH:972	SPH:975	SPH:1011	SPH:968	SPH:1022	SPH:993	SPH:1052	SPH:1046	SPH:1056
	THINVOL:783	THINVOL:799	THINVOL:806	THINVOL:803	THINVOL:811	THINVOL:804	THINVOL:804	THINVOL:802	THINVOL:803	THINVOL:805	THINVOL:802	THINVOL:801	THINVOL:801	THINVOL:802	THINVOL:801

Species	Hwc														
Thinning Age	45														
BA Removal	50%														
SI	Modelled Establishment Density														
	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
18	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.87	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.89
	BA:22.9	BA:26.0	BA:27.8	BA:28.9	BA:30.4	BA:30.9	BA:31.2	BA:31.5	BA:31.6	BA:31.4	BA:31.1	BA:30.7	BA:30.5	BA:30.1	BA:29.8
	SPH:626	SPH:813	SPH:956	SPH:1080	SPH:1257	SPH:1382	SPH:1577	SPH:1718	SPH:1860	SPH:2007	SPH:2160	SPH:2299	SPH:2397	SPH:2559	SPH:2726
20	THINVOL:123	THINVOL:138	THINVOL:146	THINVOL:150	THINVOL:157	THINVOL:159	THINVOL:159	THINVOL:161	THINVOL:161	THINVOL:161	THINVOL:159	THINVOL:158	THINVOL:157	THINVOL:155	THINVOL:154
	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.88	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.90
	BA:26.7	BA:30.0	BA:31.9	BA:33.0	BA:34.4	BA:35.0	BA:35.7	BA:35.7	BA:35.5	BA:35.2	BA:34.7	BA:34.3	BA:34.3	BA:34.1	BA:34.1
22	SPH:626	SPH:813	SPH:956	SPH:1080	SPH:1257	SPH:1382	SPH:1577	SPH:1718	SPH:1859	SPH:2006	SPH:2158	SPH:2298	SPH:2395	SPH:2559	SPH:2725
	THINVOL:164	THINVOL:181	THINVOL:190	THINVOL:195	THINVOL:202	THINVOL:204	THINVOL:206	THINVOL:207	THINVOL:207	THINVOL:207	THINVOL:206	THINVOL:205	THINVOL:204	THINVOL:202	THINVOL:202
	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92
24	BA:30.6	BA:34.0	BA:35.8	BA:36.9	BA:38.4	BA:38.9	BA:39.2	BA:39.6	BA:39.5	BA:39.6	BA:39.2	BA:38.9	BA:38.5	BA:38.4	BA:38.2
	SPH:626	SPH:813	SPH:955	SPH:1080	SPH:1257	SPH:1381	SPH:1576	SPH:1713	SPH:1854	SPH:1995	SPH:2146	SPH:2275	SPH:2372	SPH:2521	SPH:2688
	THINVOL:212	THINVOL:231	THINVOL:240	THINVOL:246	THINVOL:254	THINVOL:256	THINVOL:257	THINVOL:259	THINVOL:259	THINVOL:260	THINVOL:258	THINVOL:258	THINVOL:256	THINVOL:256	THINVOL:255
26	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94
	BA:34.5	BA:37.8	BA:39.7	BA:40.7	BA:42.2	BA:42.7	BA:43.1	BA:43.4	BA:43.3	BA:43.2	BA:43.0	BA:42.7	BA:42.2	BA:42.2	BA:41.8
	SPH:626	SPH:813	SPH:954	SPH:1075	SPH:1249	SPH:1370	SPH:1562	SPH:1694	SPH:1817	SPH:1958	SPH:2094	SPH:2170	SPH:2270	SPH:2400	SPH:2517
28	THINVOL:266	THINVOL:286	THINVOL:297	THINVOL:303	THINVOL:311	THINVOL:313	THINVOL:315	THINVOL:316	THINVOL:316	THINVOL:318	THINVOL:316	THINVOL:316	THINVOL:314	THINVOL:314	THINVOL:313
	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95
	BA:38.4	BA:41.7	BA:43.6	BA:44.6	BA:46.0	BA:46.4	BA:46.7	BA:46.9	BA:46.9	BA:46.9	BA:46.6	BA:46.2	BA:45.8	BA:45.8	BA:45.5
30	SPH:625	SPH:812	SPH:948	SPH:1066	SPH:1235	SPH:1342	SPH:1485	SPH:1599	SPH:1704	SPH:1804	SPH:1886	SPH:1947	SPH:2013	SPH:2097	SPH:2159
	THINVOL:327	THINVOL:348	THINVOL:360	THINVOL:365	THINVOL:373	THINVOL:375	THINVOL:377	THINVOL:378	THINVOL:379	THINVOL:381	THINVOL:378	THINVOL:378	THINVOL:377	THINVOL:377	THINVOL:376
	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.97
32	BA:42.4	BA:45.7	BA:47.2	BA:48.1	BA:49.5	BA:49.8	BA:50.0	BA:50.4	BA:50.1	BA:49.8	BA:49.5	BA:49.5	BA:49.0	BA:49.0	BA:48.8
	SPH:626	SPH:806	SPH:933	SPH:1036	SPH:1184	SPH:1264	SPH:1380	SPH:1478	SPH:1536	SPH:1573	SPH:1645	SPH:1675	SPH:1714	SPH:1760	SPH:1815
	THINVOL:394	THINVOL:416	THINVOL:426	THINVOL:431	THINVOL:439	THINVOL:441	THINVOL:443	THINVOL:444	THINVOL:444	THINVOL:445	THINVOL:443	THINVOL:444	THINVOL:442	THINVOL:443	THINVOL:442
36	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:1.00	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.98
	BA:46.4	BA:49.3	BA:50.8	BA:51.6	BA:52.6	BA:52.7	BA:52.7	BA:52.7	BA:52.5	BA:52.0	BA:52.1	BA:51.8	BA:51.2	BA:51.2	BA:50.8
	SPH:623	SPH:794	SPH:908	SPH:1002	SPH:1114	SPH:1178	SPH:1254	SPH:1317	SPH:1358	SPH:1362	SPH:1421	SPH:1430	SPH:1434	SPH:1461	SPH:1507
40	THINVOL:465	THINVOL:487	THINVOL:498	THINVOL:501	THINVOL:509	THINVOL:509	THINVOL:510	THINVOL:509	THINVOL:510	THINVOL:511	THINVOL:510	THINVOL:510	THINVOL:507	THINVOL:509	THINVOL:507
	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.99
	BA:50.5	BA:53.2	BA:54.4	BA:54.8	BA:55.7	BA:55.5	BA:55.5	BA:55.4	BA:55.2	BA:54.5	BA:54.5	BA:54.2	BA:53.9	BA:53.5	BA:53.2
44	SPH:623	SPH:785	SPH:883	SPH:957	SPH:1065	SPH:1107	SPH:1173	SPH:1214	SPH:1252	SPH:1232	SPH:1281	SPH:1294	SPH:1307	SPH:1297	SPH:1346
	THINVOL:543	THINVOL:564	THINVOL:573	THINVOL:574	THINVOL:582	THINVOL:582	THINVOL:582	THINVOL:581	THINVOL:582	THINVOL:583	THINVOL:581	THINVOL:581	THINVOL:579	THINVOL:579	THINVOL:577
	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:1.02	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:1.00
48	BA:58.4	BA:60.6	BA:61.0	BA:61.3	BA:61.6	BA:60.5	BA:60.1	BA:60.0	BA:60.0	BA:59.4	BA:59.3	BA:58.8	BA:59.1	BA:58.7	BA:58.3
	SPH:606	SPH:749	SPH:807	SPH:883	SPH:949	SPH:941	SPH:996	SPH:1013	SPH:1049	SPH:1012	SPH:1067	SPH:1042	SPH:1100	SPH:1082	SPH:1099
	THINVOL:715	THINVOL:733	THINVOL:740	THINVOL:739	THINVOL:745	THINVOL:738	THINVOL:738	THINVOL:737	THINVOL:738	THINVOL:741	THINVOL:737	THINVOL:736	THINVOL:738	THINVOL:738	THINVOL:735
52	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.02	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.00	MVI12.5:1.03	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:0.99	MVI12.5:1.02
	BA:66.6	BA:67.4	BA:67.5	BA:66.9	BA:66.6	BA:65.6	BA:65.4	BA:64.6	BA:64.5	BA:63.9	BA:63.4	BA:63.5	BA:63.4	BA:63.3	BA:63.1
	SPH:579	SPH:677	SPH:714	SPH:759	SPH:795	SPH:785	SPH:820	SPH:806	SPH:833	SPH:797	SPH:821	SPH:807	SPH:855	SPH:850	SPH:859
60	THINVOL:919	THINVOL:928	THINVOL:934	THINVOL:925	THINVOL:928	THINVOL:921	THINVOL:920	THINVOL:917	THINVOL:918	THINVOL:921	THINVOL:913	THINVOL:919	THINVOL:914	THINVOL:917	THINVOL:917

Modelled Volume Impact of 2 utilization levels, thinning from below, removing a percentage of the pre-harvest basal area

MVI12.5 = modelled volume impact, only stems >=12.5cm dbh contribute// MVI7.5 = modelled volume impact, stems >=7.5cm contribute // SPH = pre-thinning trees per hectare >=7.5cm dbh //

BA = basal area of trees >=7.5cm dbh (m2/ha) // Shading: Darkest green = MVI is >0.95, medium green = one MVI is >0.95, lt green = MVI =0.90-0.95 for at least one of the utilization limits

Modelled Volume impact compares the cumulative volume from the thinning plus a final clearcut felling at age 80, compared to a clearcut control at age 80.

Professional interpolation is appropriate when using a thinning age not presented in the following tables.

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.66	MVI12.5:0.68	MVI12.5:0.70	MVI12.5:0.71	MVI12.5:0.72	MVI12.5:0.77	MVI12.5:0.75	MVI12.5:0.77	MVI12.5:0.79
	MVI7.5:0.70	MVI7.5:0.71	MVI7.5:0.73	MVI7.5:0.74	MVI7.5:0.75	MVI7.5:0.80	MVI7.5:0.79	MVI7.5:0.81	MVI7.5:0.82
	SPH:769	SPH:916	SPH:1023	SPH:1191	SPH:1310	SPH:1499	SPH:1632	SPH:1769	SPH:1911
	BA:8.9	BA:10.3	BA:11.5	BA:13.2	BA:14.1	BA:15.8	BA:16.6	BA:17.6	BA:18.6
18	MVI12.5:0.69	MVI12.5:0.71	MVI12.5:0.72	MVI12.5:0.74	MVI12.5:0.75	MVI12.5:0.81	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.83
	MVI7.5:0.72	MVI7.5:0.74	MVI7.5:0.75	MVI7.5:0.77	MVI7.5:0.79	MVI7.5:0.85	MVI7.5:0.83	MVI7.5:0.86	MVI7.5:0.88
	SPH:764	SPH:912	SPH:1017	SPH:118	SPH:1304	SPH:1491	SPH:1623	SPH:1758	SPH:1899
	BA:11.8	BA:13.6	BA:14.9	BA:16.9	BA:18	BA:19.9	BA:20.8	BA:21.7	BA:23
20	MVI12.5:0.73	MVI12.5:0.76	MVI12.5:0.77	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.87	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.88
	MVI7.5:0.74	MVI7.5:0.77	MVI7.5:0.79	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.90	MVI7.5:0.89	MVI7.5:0.91	MVI7.5:0.94
	SPH:762	SPH:909	SPH:1015	SPH:1182	SPH:1300	SPH:1484	SPH:1614	SPH:1742	SPH:1880
	BA:16.1	BA:18.3	BA:20	BA:22.5	BA:23.7	BA:25.9	BA:26.9	BA:28	BA:29
22	MVI12.5:0.77	MVI12.5:0.81	MVI12.5:0.83	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93
	MVI7.5:0.78	MVI7.5:0.82	MVI7.5:0.84	MVI7.5:0.87	MVI7.5:0.90	MVI7.5:0.96	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.98
	SPH:762	SPH:910	SPH:1014	SPH:1181	SPH:1295	SPH:1478	SPH:1600	SPH:1730	SPH:1843
	BA:20.8	BA:23.5	BA:25.2	BA:28.	BA:29.4	BA:31.8	BA:33.0	BA:34.2	BA:35.6
24	MVI12.5:0.81	MVI12.5:0.85	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:1.00
	MVI7.5:0.82	MVI7.5:0.86	MVI7.5:0.89	MVI7.5:0.92	MVI7.5:0.95	MVI7.5:1.00	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.04
	SPH:762	SPH:910	SPH:1014	SPH:1181	SPH:1294	SPH:1460	SPH:1575	SPH:1696	SPH:1807
	BA:25.2	BA:27.9	BA:29.8	BA:32.9	BA:34.3	BA:36.5	BA:37.9	BA:39.3	BA:40.7
26	MVI12.5:0.85	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:1.03	MVI12.5:1.01	MVI12.5:1.03	MVI12.5:1.04
	MVI7.5:0.86	MVI7.5:0.92	MVI7.5:0.95	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.05	MVI7.5:1.04	MVI7.5:1.05	MVI7.5:1.07
	SPH:763	SPH:909	SPH:1014	SPH:1176	SPH:1284	SPH:1429	SPH:1536	SPH:1631	SPH:1732
	BA:29.1	BA:32.2	BA:34.3	BA:37.3	BA:38.9	BA:41.1	BA:42.4	BA:43.2	BA:44.4

Species
Thinning Age
BA Removal

Pli
40
40%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.69	MVI12.5:0.70	MVI12.5:0.72	MVI12.5:0.73	MVI12.5:0.74	MVI12.5:0.79	MVI12.5:0.78	MVI12.5:0.79	MVI12.5:0.80
	MVI7.5:0.73	MVI7.5:0.74	MVI7.5:0.76	MVI7.5:0.77	MVI7.5:0.78	MVI7.5:0.83	MVI7.5:0.82	MVI7.5:0.84	MVI7.5:0.85
	SPH:762	SPH:910	SPH:1014	SPH:1183	SPH:1301	SPH:1487	SPH:1618	SPH:1754	SPH:1894
	BA:11.9	BA:13.5	BA:15	BA:17	BA:18.1	BA:20.0	BA:21	BA:22	BA:23
18	MVI12.5:0.73	MVI12.5:0.75	MVI12.5:0.76	MVI12.5:0.78	MVI12.5:0.79	MVI12.5:0.83	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.85
	MVI7.5:0.75	MVI7.5:0.78	MVI7.5:0.79	MVI7.5:0.81	MVI7.5:0.82	MVI7.5:0.88	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.91
	SPH:760	SPH:907	SPH:1012	SPH:1178	SPH:1297	SPH:1480	SPH:1610	SPH:1739	SPH:1876
	BA:15.4	BA:17.6	BA:19.1	BA:21.4	BA:22.4	BA:24.5	BA:25.5	BA:26.4	BA:27.8
20	MVI12.5:0.77	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.91
	MVI7.5:0.78	MVI7.5:0.81	MVI7.5:0.83	MVI7.5:0.85	MVI7.5:0.87	MVI7.5:0.93	MVI7.5:0.92	MVI7.5:0.94	MVI7.5:0.96
	SPH:760	SPH:907	SPH:1011	SPH:1177	SPH:1292	SPH:1474	SPH:1596	SPH:1718	SPH:1837
	BA:20.5	BA:23	BA:24.8	BA:27.5	BA:28.8	BA:31.2	BA:32.2	BA:33.3	BA:34.4
22	MVI12.5:0.81	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.97	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.97
	MVI7.5:0.81	MVI7.5:0.85	MVI7.5:0.87	MVI7.5:0.90	MVI7.5:0.93	MVI7.5:0.99	MVI7.5:0.97	MVI7.5:0.99	MVI7.5:1.00
	SPH:760	SPH:908	SPH:1011	SPH:1174	SPH:1287	SPH:1456	SPH:1560	SPH:1670	SPH:1763
	BA:25.6	BA:28.4	BA:30.3	BA:33.3	BA:34.7	BA:37.1	BA:38.1	BA:39.2	BA:40.3
24	MVI12.5:0.85	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.02	MVI12.5:1.03
	MVI7.5:0.85	MVI7.5:0.89	MVI7.5:0.92	MVI7.5:0.95	MVI7.5:0.98	MVI7.5:1.02	MVI7.5:1.02	MVI7.5:1.04	MVI7.5:1.06
	SPH:760	SPH:908	SPH:1009	SPH:1168	SPH:1268	SPH:1418	SPH:1506	SPH:1606	SPH:1670
	BA:30.3	BA:33.1	BA:35	BA:38.3	BA:39.4	BA:41.6	BA:42.7	BA:43.7	BA:44.5
26	MVI12.5:0.89	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.05	MVI12.5:1.04	MVI12.5:1.04	MVI12.5:1.07
	MVI7.5:0.89	MVI7.5:0.94	MVI7.5:0.98	MVI7.5:1.01	MVI7.5:1.02	MVI7.5:1.07	MVI7.5:1.05	MVI7.5:1.06	MVI7.5:1.09
	SPH:760	SPH:902	SPH:1007	SPH:1150	SPH:1237	SPH:1361	SPH:1408	SPH:1472	SPH:1539
	BA:34.3	BA:37.3	BA:39.6	BA:42.5	BA:43.7	BA:45.5	BA:45.7	BA:46	BA:46.8

Species
Thinning Age
BA Removal

Pli
45
40%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.73	MVI12.5:0.75	MVI12.5:0.76	MVI12.5:0.77	MVI12.5:0.77	MVI12.5:0.81	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.82
	MVI7.5:0.76	MVI7.5:0.78	MVI7.5:0.80	MVI7.5:0.80	MVI7.5:0.81	MVI7.5:0.86	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.88
	SPH:759	SPH:906	SPH:1009	SPH:1176	SPH:1294	SPH:1479	SPH:1607	SPH:1732	SPH:1873
	BA:15	BA:16.9	BA:18.6	BA:20.8	BA:21.9	BA:24	BA:25	BA:26	BA:27.2
18	MVI12.5:0.77	MVI12.5:0.79	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.87	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.88
	MVI7.5:0.79	MVI7.5:0.81	MVI7.5:0.82	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.90	MVI7.5:0.89	MVI7.5:0.91	MVI7.5:0.93
	SPH:759	SPH:905	SPH:1009	SPH:1175	SPH:1292	SPH:1470	SPH:1596	SPH:1717	SPH:1834
	BA:19.1	BA:21.5	BA:23	BA:25.4	BA:26.7	BA:28.8	BA:29.8	BA:30.6	BA:32
20	MVI12.5:0.81	MVI12.5:0.83	MVI12.5:0.85	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.95
	MVI7.5:0.81	MVI7.5:0.84	MVI7.5:0.86	MVI7.5:0.88	MVI7.5:0.90	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.99
	SPH:759	SPH:905	SPH:1009	SPH:1170	SPH:1285	SPH:1448	SPH:1560	SPH:1672	SPH:1780
	BA:24.5	BA:27.2	BA:29.1	BA:32	BA:33.3	BA:35.5	BA:36.4	BA:37.4	BA:38.6
22	MVI12.5:0.84	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.99
	MVI7.5:0.85	MVI7.5:0.88	MVI7.5:0.90	MVI7.5:0.93	MVI7.5:0.95	MVI7.5:1.00	MVI7.5:1.00	MVI7.5:1.01	MVI7.5:1.02
	SPH:759	SPH:905	SPH:1008	SPH:1165	SPH:1264	SPH:1404	SPH:1493	SPH:1594	SPH:1656
	BA:29.9	BA:32.8	BA:34.7	BA:37.7	BA:38.9	BA:41	BA:41.8	BA:42.7	BA:43.6
24	MVI12.5:0.88	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:1.02	MVI12.5:1.02	MVI12.5:1.04	MVI12.5:1.05
	MVI7.5:0.88	MVI7.5:0.92	MVI7.5:0.95	MVI7.5:0.98	MVI7.5:1.00	MVI7.5:1.03	MVI7.5:1.04	MVI7.5:1.06	MVI7.5:1.07
	SPH:758	SPH:900	SPH:999	SPH:1141	SPH:1227	SPH:1352	SPH:1406	SPH:1480	SPH:1521
	BA:34.7	BA:37.5	BA:39.5	BA:42.5	BA:43.4	BA:45.1	BA:45.6	BA:46.2	BA:46.7
26	MVI12.5:0.92	MVI12.5:0.96	MVI12.5:1.00	MVI12.5:1.02	MVI12.5:1.02	MVI12.5:1.06	MVI12.5:1.05	MVI12.5:1.05	MVI12.5:1.07
	MVI7.5:0.92	MVI7.5:0.97	MVI7.5:1.00	MVI7.5:1.03	MVI7.5:1.03	MVI7.5:1.07	MVI7.5:1.06	MVI7.5:1.06	MVI7.5:1.08
	SPH:758	SPH:890	SPH:981	SPH:1092	SPH:1151	SPH:1249	SPH:1283.88	SPH:1311	SPH:1354
	BA:38.7	BA:41.6	BA:43.6	BA:45.8	BA:46.5	BA:47.9	BA:47.75	BA:47.3	BA:47.5

Species Thinning Age BA Removal	Pli 50 40%	Modelled Establishment Density							
SI	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.78	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.81	MVI12.5:0.81	MVI12.5:0.85	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.84
	MVI7.5:0.80	MVI7.5:0.81	MVI7.5:0.83	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.88	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.90
	SPH:757	SPH:902	SPH:1006	SPH:1171	SPH:1288	SPH:1470	SPH:1596	SPH:1715	SPH:1846
	BA:18	BA:20.1	BA:21.9	BA:24.3	BA:25.5	BA:27.7	BA:28.6	BA:29.7	BA:30.8
18	MVI12.5:0.81	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.91
	MVI7.5:0.82	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.88	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.96
	SPH:757	SPH:902	SPH:1006	SPH:1169	SPH:1286	SPH:1454	SPH:1571	SPH:1686	SPH:1790
	BA:22.4	BA:24.9	BA:26.6	BA:29.2	BA:30.4	BA:32.5	BA:33.4	BA:34.2	BA:35.6
20	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.97
	MVI7.5:0.85	MVI7.5:0.87	MVI7.5:0.89	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:1.00
	SPH:757	SPH:902	SPH:1005	SPH:1165	SPH:1268	SPH:1414	SPH:1513	SPH:1605	SPH:1702
	BA:28.1	BA:30.9	BA:32.8	BA:35.8	BA:37	BA:39.1	BA:39.8	BA:40.6	BA:41.7
22	MVI12.5:0.87	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:1.01	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.01
	MVI7.5:0.88	MVI7.5:0.90	MVI7.5:0.92	MVI7.5:0.95	MVI7.5:0.98	MVI7.5:1.02	MVI7.5:1.01	MVI7.5:1.02	MVI7.5:1.03
	SPH:75	SPH:899	SPH:1002	SPH:1148	SPH:1235	SPH:1343	SPH:1417	SPH:1500	SPH:1530
	BA:33.6	BA:36.5	BA:38.4	BA:41.5	BA:42.4	BA:44	BA:44.6	BA:45.3	BA:45.7
24	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:1.01	MVI12.5:1.03	MVI12.5:1.03	MVI12.5:1.05	MVI12.5:1.05
	MVI7.5:0.91	MVI7.5:0.94	MVI7.5:0.98	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.03	MVI7.5:1.05	MVI7.5:1.06	MVI7.5:1.07
	SPH:754	SPH:887	SPH:984	SPH:1101	SPH:1159	SPH:1257	SPH:1313	SPH:1354	SPH:1375
	BA:38.4	BA:41	BA:43	BA:45.6	BA:46	BA:47.2	BA:47.7	BA:47.6	BA:47.6
26	MVI12.5:0.94	MVI12.5:0.98	MVI12.5:1.01	MVI12.5:1.02	MVI12.5:1.03	MVI12.5:1.06	MVI12.5:1.05	MVI12.5:1.05	MVI12.5:1.07
	MVI7.5:0.95	MVI7.5:0.99	MVI7.5:1.02	MVI7.5:1.03	MVI7.5:1.04	MVI7.5:1.07	MVI7.5:1.06	MVI7.5:1.06	MVI7.5:1.07
	SPH:748	SPH:868	SPH:939	SPH:1013	SPH:1067	SPH:1141	SPH:1169	SPH:1189	SPH:1209
	BA:42.2	BA:44.8	BA:46.3	BA:47.6	BA:48.2	BA:49	BA:48.7	BA:48.1	BA:47.7

Species Thinning Age BA Removal	Pli 55 40%	Modelled Establishment Density							
SI	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.88	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.88
	MVI7.5:0.83	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.92
	SPH:755	SPH:900	SPH:1003	SPH:1168	SPH:1283	SPH:1458	SPH:1578	SPH:1693	SPH:1811
	BA:20.9	BA:23	BA:25	BA:27.6	BA:28.6	BA:30.9	BA:31.8	BA:32.8	BA:33.9
18	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.94
	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.91	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.97
	SPH:755	SPH:900	SPH:1003	SPH:1164	SPH:1278	SPH:1424	SPH:1531	SPH:1644	SPH:1725
	BA:25.4	BA:28	BA:29.9	BA:32.4	BA:33.7	BA:35.6	BA:36.4	BA:37.2	BA:38.3
20	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.99
	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.91	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.01
	SPH:755	SPH:898	SPH:1000.53	SPH:1153	SPH:1247	SPH:1373	SPH:1454	SPH:1534	SPH:1611
	BA:31.3	BA:34.1	BA:36.19	BA:39.1	BA:40.1	BA:42	BA:42.4	BA:43	BA:43.8
22	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:1.02	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.02
	MVI7.5:0.90	MVI7.5:0.93	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.99	MVI7.5:1.03	MVI7.5:1.02	MVI7.5:1.03	MVI7.5:1.03
	SPH:754	SPH:891	SPH:989.79	SPH:1120	SPH:1188	SPH:1285	SPH:1332	SPH:1379	SPH:1416
	BA:36.8	BA:39.6	BA:41.56	BA:44.3	BA:44.9	BA:46.3	BA:46.2	BA:46.3	BA:46.9
24	MVI12.5:0.93	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.02	MVI12.5:1.03	MVI12.5:1.04	MVI12.5:1.05	MVI12.5:1.05
	MVI7.5:0.93	MVI7.5:0.96	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.03	MVI7.5:1.04	MVI7.5:1.05	MVI7.5:1.06
	SPH:750	SPH:877	SPH:955.91	SPH:1038	SPH:1095	SPH:1172.	SPH:1204	SPH:1244	SPH:1241
	BA:41.5	BA:44.1	BA:45.69	BA:47.4	BA:47.7	BA:48.5	BA:48.3	BA:48.4	BA:47.8
26	MVI12.5:0.97	MVI12.5:1.00	MVI12.5:1.02	MVI12.5:1.03	MVI12.5:1.04	MVI12.5:1.06	MVI12.5:1.05	MVI12.5:1.05	MVI12.5:1.05
	MVI7.5:0.97	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.04	MVI7.5:1.04	MVI7.5:1.07	MVI7.5:1.05	MVI7.5:1.05	MVI7.5:1.06
	SPH:736	SPH:839	SPH:899.73	SPH:965	SPH:1002	SPH:1058	SPH:1067	SPH:1097	SPH:1094
	BA:44.8	BA:4	BA:48.25	BA:49.4	BA:49.5	BA:49.8	BA:48.7	BA:48.7	BA:47.7

Species Thinning Age BA Removal	Pli 60 40%	Modelled Establishment Density							
SI	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91
	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.93	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.94
	SPH:753	SPH:898	SPH:1001	SPH:1163	SPH:1279	SPH:1445	SPH:1551	SPH:1668	SPH:1779
	BA:23.4	BA:25.7	BA:27.8	BA:30.4	BA:31.5	BA:33.8	BA:34.6	BA:35.7	BA:36.7
18	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.96
	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.96	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.98
	SPH:753	SPH:897	SPH:1000	SPH:1159	SPH:1264	SPH:1397	SPH:1488	SPH:1587	SPH:1670
	BA:28.1	BA:30.8	BA:32.6	BA:35.2	BA:36.4	BA:38.2	BA:38.9	BA:39.5	BA:40.7
20	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:1.01
	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.02
	SPH:752	SPH:892	SPH:993	SPH:1133.	SPH:1225	SPH:1330	SPH:1384	SPH:1454	SPH:1513
	BA:34.1	BA:36.9	BA:38.9	BA:41.8	BA:42.7	BA:44.3	BA:44.2	BA:44.7	BA:45.3
22	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:1.02	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.01
	MVI7.5:0.93	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.02	MVI7.5:1.02	MVI7.5:1.02
	SPH:749	SPH:876	SPH:973	SPH:1073	SPH:1132	SPH:1215	SPH:1258	SPH:1287	SPH:1302
	BA:39.6	BA:42.2	BA:44.1	BA:46.3	BA:46.6	BA:47.8	BA:47.6	BA:47.3	BA:47.3
24	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.02	MVI12.5:1.04	MVI12.5:1.03	MVI12.5:1.04
	MVI7.5:0.95	MVI7.5:0.98	MVI7.5:1.00	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.02	MVI7.5:1.04	MVI7.5:1.04	MVI7.5:1.05
	SPH:743	SPH:857	SPH:919	SPH:991	SPH:1033	SPH:1094	SPH:1117	SPH:1147	SPH:1153
	BA:44	BA:46.3	BA:47.3	BA:48.9	BA:48.9	BA:49	BA:48.7	BA:48.6	BA:48.4
26	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:1.02	MVI12.5:1.03	MVI12.5:1.03	MVI12.5:1.05	MVI12.5:1.03	MVI12.5:1.04	MVI12.5:1.05
	MVI7.5:0.98	MVI7.5:1.01	MVI7.5:1.02	MVI7.5:1.04	MVI7.5:1.04	MVI7.5:1.05	MVI7.5:1.04	MVI7.5:1.04	MVI7.5:1.05
	SPH:723	SPH:816	SPH:850	SPH:919	SPH:945	SPH:985	SPH:988	SPH:1016	SPH:1030
	BA:46.9	BA:48.8	BA:49.1	BA:50.5	BA:50.3	BA:50	BA:48.7	BA:48.8	BA:48.4

Species
Thinning Age
BA Removal

Pli
65
40%

SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94
	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.96
	SPH:751	SPH:895	SPH:998	SPH:1159	SPH:1274	SPH:1427	SPH:1522	SPH:1645	SPH:1738
	BA:25.8	BA:28.1	BA:30.3	BA:32.9	BA:34.1	BA:36.4	BA:36.9	BA:38.2	BA:38.9
18	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.98
	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.99
	SPH:751	SPH:892	SPH:994	SPH:1151	SPH:1246	SPH:1366	SPH:1437	SPH:1524	SPH:1587
	BA:30.5	BA:33.2	BA:35.1	BA:37.8	BA:38.8	BA:40.3	BA:40.7	BA:41.1	BA:42.1
20	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:1.01
	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.00	MVI7.5:1.02
	SPH:750	SPH:887	SPH:984	SPH:1113	SPH:1191	SPH:1265	SPH:1329	SPH:1377	SPH:1431
	BA:36.6	BA:39.3	BA:41.4	BA:44	BA:44.8	BA:45.7	BA:45.8	BA:45	BA:46.4
22	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.01
	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.02	MVI7.5:1.02	MVI7.5:1.02
	SPH:744	SPH:865	SPH:942	SPH:1039	SPH:1083	SPH:1148	SPH:1186	SPH:1207	SPH:1217
	BA:41.9	BA:44.4	BA:45.7	BA:48	BA:48	BA:48.7	BA:48.4	BA:48	BA:47.9
24	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.02	MVI12.5:1.02	MVI12.5:1.03	MVI12.5:1.03	MVI12.5:1.03
	MVI7.5:0.97	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.01	MVI7.5:1.02	MVI7.5:1.02	MVI7.5:1.03	MVI7.5:1.03	MVI7.5:1.04
	SPH:734	SPH:835	SPH:88	SPH:958	SPH:984	SPH:1039	SPH:1046	SPH:1079	SPH:1074
	BA:46.1	BA:47.8	BA:48.6	BA:50.3	BA:49.7	BA:49.7	BA:48.9	BA:48.9	BA:48.5
26	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.02	MVI12.5:1.03	MVI12.5:1.05	MVI12.5:1.02	MVI12.5:1.02	MVI12.5:1.03
	MVI7.5:0.99	MVI7.5:1.01	MVI7.5:1.02	MVI7.5:1.02	MVI7.5:1.03	MVI7.5:1.05	MVI7.5:1.02	MVI7.5:1.03	MVI7.5:1.03
	SPH:707	SPH:780	SPH:809	SPH:863	SPH:899	SPH:946	SPH:924	SPH:960	SPH:953
	BA:48.4	BA:49.4	BA:49.6	BA:50.5	BA:50.8	BA:50.8	BA:48.7	BA:48.9	BA:48

Modelled Volume Impact of 2 utilization levels, thinning from below, removing a percentage of the pre-harvest basal area

MVI12.5 = modelled volume impact, only stems >=12.5cm dbh contribute// MVI7.5 = modelled volume impact, stems >=7.5cm contribute // SPH = pre-thinning trees per hectare >=7.5cm dbh //

BA = basal area of trees >=7.5cm dbh (m2/ha) // Shading: Darkest green = MVI is >0.95, medium green = one MVI is >0.95, Lt green = MVI =0.90-0.95 for at least one of the utilization limits

Modelled Volume impact compares the cumulative volume from the thinning plus a final clearcut felling at age 80, compared to a clearcut control at age 80.

Professional interpolation is appropriate when using a thinning age not presented in the following tables.

Species		Pli							
Thinning Age		35							
BA Removal		50%							
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.58	MVI12.5:0.59	MVI12.5:0.61	MVI12.5:0.63	MVI12.5:0.64	MVI12.5:0.70	MVI12.5:0.69	MVI12.5:0.71	MVI12.5:0.73
	MVI7.5:0.62	MVI7.5:0.64	MVI7.5:0.66	MVI7.5:0.68	MVI7.5:0.69	MVI7.5:0.75	MVI7.5:0.74	MVI7.5:0.76	MVI7.5:0.78
	SPH:768	SPH:916	SPH:1022	SPH:1191	SPH:1310	SPH:1499	SPH:1631	SPH:1768	SPH:1911
	BA:8.9	BA:10.2	BA:11.5	BA:13.1	BA:14.1	BA:15.7	BA:16.6	BA:17.6	BA:18.6
18	MVI12.5:0.61	MVI12.5:0.64	MVI12.5:0.65	MVI12.5:0.67	MVI12.5:0.68	MVI12.5:0.74	MVI12.5:0.73	MVI12.5:0.75	MVI12.5:0.78
	MVI7.5:0.65	MVI7.5:0.68	MVI7.5:0.69	MVI7.5:0.71	MVI7.5:0.73	MVI7.5:0.80	MVI7.5:0.79	MVI7.5:0.82	MVI7.5:0.85
	SPH:764	SPH:912	SPH:1017	SPH:1185	SPH:1303	SPH:1490	SPH:1622	SPH:1757	SPH:1898
	BA:11.8	BA:13.6	BA:14.9	BA:16.8	BA:17.9	BA:19.8	BA:20.7	BA:21.7	BA:23
20	MVI12.5:0.66	MVI12.5:0.69	MVI12.5:0.71	MVI12.5:0.75	MVI12.5:0.76	MVI12.5:0.83	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.85
	MVI7.5:0.68	MVI7.5:0.71	MVI7.5:0.74	MVI7.5:0.78	MVI7.5:0.79	MVI7.5:0.87	MVI7.5:0.87	MVI7.5:0.89	MVI7.5:0.92
	SPH:762	SPH:909	SPH:1015	SPH:1182	SPH:1300	SPH:1484	SPH:1614	SPH:1742	SPH:1880
	BA:16.1	BA:18.3	BA:20	BA:22.5	BA:23.7	BA:25.9	BA:26.9	BA:28	BA:29.3
22	MVI12.5:0.71	MVI12.5:0.75	MVI12.5:0.78	MVI12.5:0.82	MVI12.5:0.84	MVI12.5:0.91	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.92
	MVI7.5:0.72	MVI7.5:0.76	MVI7.5:0.79	MVI7.5:0.84	MVI7.5:0.86	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.96	MVI7.5:0.97
	SPH:762	SPH:910	SPH:1014	SPH:1181	SPH:1295	SPH:1478	SPH:1600	SPH:1730	SPH:1843
	BA:20.8	BA:23.5	BA:25.2	BA:28.1	BA:29.4	BA:31.8	BA:33	BA:34.2	BA:35.6
24	MVI12.5:0.76	MVI12.5:0.81	MVI12.5:0.84	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:1.01
	MVI7.5:0.77	MVI7.5:0.82	MVI7.5:0.85	MVI7.5:0.90	MVI7.5:0.93	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.05
	SPH:762	SPH:910	SPH:1014	SPH:1181	SPH:1294	SPH:1460	SPH:1575	SPH:1696	SPH:1807
	BA:25.2	BA:27.9	BA:29.8	BA:32.9	BA:34.3	BA:36.5	BA:37.9	BA:39.3	BA:40.7
26	MVI12.5:0.81	MVI12.5:0.87	MVI12.5:0.91	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:1.04	MVI12.5:1.02	MVI12.5:1.03	MVI12.5:1.06
	MVI7.5:0.82	MVI7.5:0.87	MVI7.5:0.92	MVI7.5:0.97	MVI7.5:0.99	MVI7.5:1.06	MVI7.5:1.05	MVI7.5:1.06	MVI7.5:1.09
	SPH:763	SPH:909	SPH:1014	SPH:1176	SPH:1284	SPH:1429	SPH:1536	SPH:1631	SPH:1732
	BA:29.1	BA:32.2	BA:34.3	BA:37.3	BA:38.9	BA:41.1	BA:42.4	BA:43.2	BA:44.4

Species	Pli								
Thinning Age	40								
BA Removal	50%								
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.62	MVI12.5:0.63	MVI12.5:0.65	MVI12.5:0.66	MVI12.5:0.67	MVI12.5:0.72	MVI12.5:0.71	MVI12.5:0.72	MVI12.5:0.74
	MVI7.5:0.66	MVI7.5:0.68	MVI7.5:0.70	MVI7.5:0.72	MVI7.5:0.73	MVI7.5:0.78	MVI7.5:0.78	MVI7.5:0.79	MVI7.5:0.81
	SPH:762	SPH:910	SPH:1014	SPH:1183	SPH:1301	SPH:1487	SPH:1618	SPH:1754	SPH:1894
	BA:11.9	BA:13.5	BA:15	BA:17	BA:18.1	BA:20	BA:20.9	BA:22	BA:23
18	MVI12.5:0.66	MVI12.5:0.69	MVI12.5:0.70	MVI12.5:0.72	MVI12.5:0.73	MVI12.5:0.79	MVI12.5:0.77	MVI12.5:0.79	MVI12.5:0.81
	MVI7.5:0.69	MVI7.5:0.72	MVI7.5:0.73	MVI7.5:0.76	MVI7.5:0.77	MVI7.5:0.83	MVI7.5:0.83	MVI7.5:0.85	MVI7.5:0.88
	SPH:760	SPH:907	SPH:1012	SPH:1178	SPH:1297	SPH:1480	SPH:1610.2	SPH:1739	SPH:1876
	BA:15.4	BA:17.6	BA:19.1	BA:21.4	BA:22.4	BA:24.5	BA:25.5	BA:26.4	BA:27.8
20	MVI12.5:0.71	MVI12.5:0.74	MVI12.5:0.76	MVI12.5:0.80	MVI12.5:0.80	MVI12.5:0.87	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.90
	MVI7.5:0.72	MVI7.5:0.75	MVI7.5:0.78	MVI7.5:0.81	MVI7.5:0.83	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.92	MVI7.5:0.95
	SPH:760	SPH:907	SPH:1011	SPH:1177	SPH:1292.	SPH:1474	SPH:1596	SPH:1718	SPH:1837
	BA:20.5	BA:23	BA:24.8	BA:27.5	BA:28.8	BA:31.2	BA:32.2	BA:33.3	BA:34.4
22	MVI12.5:0.76	MVI12.5:0.80	MVI12.5:0.82	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.96
	MVI7.5:0.76	MVI7.5:0.80	MVI7.5:0.83	MVI7.5:0.87	MVI7.5:0.90	MVI7.5:0.97	MVI7.5:0.96	MVI7.5:0.98	MVI7.5:1.00
	SPH:760	SPH:908	SPH:1011	SPH:1174	SPH:1287	SPH:1456	SPH:1560	SPH:1670	SPH:1763
	BA:25.6	BA:28.4	BA:30.3	BA:33.3	BA:34.7	BA:37.1	BA:38.1	BA:39.2	BA:40.3
24	MVI12.5:0.80	MVI12.5:0.85	MVI12.5:0.88	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.03	MVI12.5:1.04
	MVI7.5:0.81	MVI7.5:0.86	MVI7.5:0.89	MVI7.5:0.93	MVI7.5:0.96	MVI7.5:1.02	MVI7.5:1.03	MVI7.5:1.05	MVI7.5:1.07
	SPH:760	SPH:908	SPH:1009	SPH:1168	SPH:1268	SPH:1418	SPH:1506	SPH:1606	SPH:1670
	BA:30.3	BA:33.1	BA:35	BA:38.3	BA:39.4	BA:41.6	BA:42.7	BA:43.79	BA:44.5
26	MVI12.5:0.85	MVI12.5:0.91	MVI12.5:0.95	MVI12.5:0.99	MVI12.5:1.01	MVI12.5:1.06	MVI12.5:1.04	MVI12.5:1.05	MVI12.5:1.08
	MVI7.5:0.86	MVI7.5:0.91	MVI7.5:0.96	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.08	MVI7.5:1.06	MVI7.5:1.07	MVI7.5:1.11
	SPH:760	SPH:902	SPH:1007	SPH:1150	SPH:123	SPH:1361	SPH:1408	SPH:1472	SPH:1539
	BA:34.3	BA:37.3	BA:39.6	BA:42.5	BA:43.7	BA:45.5	BA:45.7	BA:46	BA:46.8

Species Thinning Age BA Removal		Pli 45 50%							
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.67	MVI12.5:0.69	MVI12.5:0.71	MVI12.5:0.72	MVI12.5:0.72	MVI12.5:0.76	MVI12.5:0.75	MVI12.5:0.75	MVI12.5:0.76
	MVI7.5:0.70	MVI7.5:0.72	MVI7.5:0.74	MVI7.5:0.75	MVI7.5:0.76	MVI7.5:0.81	MVI7.5:0.81	MVI7.5:0.82	MVI7.5:0.84
	SPH:759	SPH:906	SPH:1009	SPH:1176	SPH:1294	SPH:1479	SPH:1607	SPH:1732	SPH:1873
	BA:15	BA:16.9	BA:18.6	BA:20.8	BA:21.9	BA:24	BA:25	BA:26	BA:27.2
18	MVI12.5:0.72	MVI12.5:0.74	MVI12.5:0.75	MVI12.5:0.77	MVI12.5:0.78	MVI12.5:0.83	MVI12.5:0.82	MVI12.5:0.83	MVI12.5:0.85
	MVI7.5:0.73	MVI7.5:0.76	MVI7.5:0.77	MVI7.5:0.79	MVI7.5:0.81	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.88	MVI7.5:0.91
	SPH:759	SPH:905	SPH:1009	SPH:1175	SPH:1292	SPH:1470	SPH:1596	SPH:1717	SPH:1834
	BA:19.1	BA:21.5	BA:23	BA:25.4	BA:26.7	BA:28.8	BA:29.8	BA:30.6	BA:32
20	MVI12.5:0.76	MVI12.5:0.78	MVI12.5:0.80	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.93
	MVI7.5:0.77	MVI7.5:0.79	MVI7.5:0.82	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.97
	SPH:759	SPH:905	SPH:1009	SPH:1170	SPH:1285	SPH:1448	SPH:1560	SPH:1672	SPH:1780
	BA:24.5	BA:27.2	BA:29.1	BA:32	BA:33.3	BA:35.5	BA:36.4	BA:37.4	BA:38.6
22	MVI12.5:0.80	MVI12.5:0.83	MVI12.5:0.85	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.99
	MVI7.5:0.80	MVI7.5:0.84	MVI7.5:0.86	MVI7.5:0.91	MVI7.5:0.93	MVI7.5:0.99	MVI7.5:0.98	MVI7.5:1.01	MVI7.5:1.02
	SPH:759	SPH:905	SPH:1008	SPH:1165	SPH:1264	SPH:1404	SPH:1493	SPH:1594	SPH:1656
	BA:29.9	BA:32.8	BA:34.7	BA:37.7	BA:38.9	BA:41	BA:41.8	BA:42.7	BA:43.6
24	MVI12.5:0.84	MVI12.5:0.88	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:1.02	MVI12.5:1.03	MVI12.5:1.04	MVI12.5:1.06
	MVI7.5:0.85	MVI7.5:0.89	MVI7.5:0.93	MVI7.5:0.96	MVI7.5:0.98	MVI7.5:1.03	MVI7.5:1.04	MVI7.5:1.06	MVI7.5:1.08
	SPH:758	SPH:900	SPH:999	SPH:1141	SPH:1227	SPH:1352	SPH:1406	SPH:1480	SPH:1521
	BA:34.7	BA:37.5	BA:39.5	BA:42.5	BA:43.4	BA:45.1	BA:45.6	BA:46.2	BA:46.7
26	MVI12.5:0.89	MVI12.5:0.94	MVI12.5:0.98	MVI12.5:1.01	MVI12.5:1.02	MVI12.5:1.07	MVI12.5:1.06	MVI12.5:1.06	MVI12.5:1.08
	MVI7.5:0.89	MVI7.5:0.94	MVI7.5:0.99	MVI7.5:1.02	MVI7.5:1.03	MVI7.5:1.08	MVI7.5:1.07	MVI7.5:1.07	MVI7.5:1.10
	SPH:758	SPH:890	SPH:981	SPH:1092	SPH:1151	SPH:1249	SPH:1283	SPH:1311	SPH:1354
	BA:38.7	BA:41.6	BA:43.6	BA:45.8	BA:46.5	BA:47.9	BA:47.7	BA:47.3	BA:47.5

Species Thinning Age BA Removal	Pli 50 50%								
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.72	MVI12.5:0.74	MVI12.5:0.76	MVI12.5:0.76	MVI12.5:0.77	MVI12.5:0.80	MVI12.5:0.79	MVI12.5:0.80	MVI12.5:0.81
	MVI7.5:0.75	MVI7.5:0.76	MVI7.5:0.78	MVI7.5:0.79	MVI7.5:0.80	MVI7.5:0.84	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.87
	SPH:757	SPH:902	SPH:1006	SPH:1171	SPH:1288	SPH:1470	SPH:1596	SPH:1715	SPH:1846
	BA:18	BA:20.1	BA:21.9	BA:24.3	BA:25.5	BA:27.7	BA:28.6	BA:29.7	BA:30.8
18	MVI12.5:0.76	MVI12.5:0.78	MVI12.5:0.79	MVI12.5:0.81	MVI12.5:0.82	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.88
	MVI7.5:0.78	MVI7.5:0.80	MVI7.5:0.81	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.91	MVI7.5:0.93
	SPH:757	SPH:902	SPH:1006	SPH:1169	SPH:1286	SPH:1454	SPH:1571	SPH:1686	SPH:1790
	BA:22.4	BA:24.9	BA:26.6	BA:29.2	BA:30.4	BA:32.5	BA:33.4	BA:34.2	BA:35.6
20	MVI12.5:0.80	MVI12.5:0.82	MVI12.5:0.84	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.96
	MVI7.5:0.81	MVI7.5:0.83	MVI7.5:0.85	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.99
	SPH:757	SPH:902	SPH:1005	SPH:1165	SPH:1268	SPH:1414	SPH:1513	SPH:1605	SPH:1702
	BA:28.1	BA:30.9	BA:32.8	BA:35.8	BA:37	BA:39.1	BA:39.8	BA:40.6	BA:41.7
22	MVI12.5:0.84	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:1.00
	MVI7.5:0.84	MVI7.5:0.87	MVI7.5:0.89	MVI7.5:0.93	MVI7.5:0.96	MVI7.5:1.00	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.02
	SPH:756	SPH:899	SPH:1002	SPH:1148	SPH:1235	SPH:1343	SPH:1417	SPH:1500	SPH:1530
	BA:33.6	BA:36.5	BA:38.4	BA:41.5	BA:42.4	BA:44	BA:44.6	BA:45.3	BA:45.7
24	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:1.02	MVI12.5:1.04	MVI12.5:1.05	MVI12.5:1.05
	MVI7.5:0.88	MVI7.5:0.92	MVI7.5:0.96	MVI7.5:0.98	MVI7.5:1.00	MVI7.5:1.03	MVI7.5:1.05	MVI7.5:1.06	MVI7.5:1.07
	SPH:754	SPH:887	SPH:984	SPH:1101	SPH:1159	SPH:1257	SPH:1313	SPH:1354	SPH:1375
	BA:38.4	BA:41	BA:43	BA:45.6	BA:46	BA:47.2	BA:47.7	BA:47.6	BA:47.6
26	MVI12.5:0.92	MVI12.5:0.96	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.03	MVI12.5:1.06	MVI12.5:1.05	MVI12.5:1.05	MVI12.5:1.07
	MVI7.5:0.92	MVI7.5:0.97	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.03	MVI7.5:1.07	MVI7.5:1.06	MVI7.5:1.06	MVI7.5:1.08
	SPH:748	SPH:868	SPH:939	SPH:1013	SPH:1067	SPH:1141	SPH:1169	SPH:1189	SPH:1209
	BA:42.2	BA:44.8	BA:46.3	BA:47.6	BA:48.2	BA:49	BA:48.7	BA:48.1	BA:47.7

Species	Pli								
Thinning Age	55								
BA Removal	50%								
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.78	MVI12.5:0.79	MVI12.5:0.80	MVI12.5:0.81	MVI12.5:0.81	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.85
	MVI7.5:0.79	MVI7.5:0.81	MVI7.5:0.82	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.87	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.90
	SPH:755	SPH:900	SPH:1003	SPH:1168	SPH:1283	SPH:1458	SPH:1578	SPH:1693	SPH:1811
	BA:20.9	BA:23	BA:25	BA:27.6	BA:28.6	BA:30.9	BA:31.8	BA:32.8	BA:33.9
18	MVI12.5:0.81	MVI12.5:0.83	MVI12.5:0.83	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.91
	MVI7.5:0.82	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.88	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.95
	SPH:755	SPH:900	SPH:1003	SPH:1164	SPH:1278	SPH:1424	SPH:1531	SPH:1644	SPH:1725
	BA:25.4	BA:28	BA:29.9	BA:32.4	BA:33.7	BA:35.6	BA:36.4	BA:37.2	BA:38.3
20	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.98
	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.88	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:1.00
	SPH:755	SPH:898	SPH:1000	SPH:1153	SPH:1247	SPH:1373	SPH:1454	SPH:1534	SPH:1611
	BA:31.3	BA:34.1	BA:36.1	BA:39.1	BA:40.1	BA:42	BA:42.4	BA:43	BA:43.8
22	MVI12.5:0.87	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.01
	MVI7.5:0.88	MVI7.5:0.90	MVI7.5:0.92	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:1.01	MVI7.5:1.00	MVI7.5:1.01	MVI7.5:1.02
	SPH:754	SPH:891	SPH:989	SPH:1120	SPH:1188	SPH:1285	SPH:1332	SPH:1379	SPH:1416
	BA:36.8	BA:39.6	BA:41.5	BA:44.3	BA:44.9	BA:46.3	BA:46.2	BA:46.3	BA:46.9
24	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:1.02	MVI12.5:1.03	MVI12.5:1.04	MVI12.5:1.04
	MVI7.5:0.91	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:1.01	MVI7.5:1.03	MVI7.5:1.04	MVI7.5:1.05	MVI7.5:1.05
	SPH:750	SPH:877	SPH:955	SPH:1038	SPH:1095	SPH:1172	SPH:1204	SPH:1244	SPH:1241
	BA:41.5	BA:44.1	BA:45.6	BA:47.4	BA:47.7	BA:48.5	BA:48.3	BA:48.4	BA:47.8
26	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:1.01	MVI12.5:1.02	MVI12.5:1.03	MVI12.5:1.06	MVI12.5:1.04	MVI12.5:1.04	MVI12.5:1.05
	MVI7.5:0.95	MVI7.5:0.98	MVI7.5:1.01	MVI7.5:1.03	MVI7.5:1.04	MVI7.5:1.06	MVI7.5:1.05	MVI7.5:1.05	MVI7.5:1.06
	SPH:736	SPH:839	SPH:899	SPH:965	SPH:1002	SPH:1058	SPH:1067	SPH:1097	SPH:1094
	BA:44.8	BA:47	BA:48.2	BA:49.4	BA:49.5	BA:49.8	BA:48.7	BA:48.7	BA:47.7

Species Thinning Age BA Removal		Pli 55 50%							
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.85	MVI12.5:0.88	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.89
	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.87	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.92
	SPH:753	SPH:898	SPH:1001	SPH:1163	SPH:1279	SPH:1445	SPH:1551.73	SPH:1668	SPH:1779
	BA:23.4	BA:25.7	BA:27.8	BA:30.4	BA:31.5	BA:33.8	BA:34.61	BA:35.7	BA:36.7
18	MVI12.5:0.85	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94
	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.91	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.97
	SPH:753	SPH:897	SPH:1000	SPH:1159	SPH:1264	SPH:1397	SPH:1488.28	SPH:1587	SPH:1670
	BA:28.1	BA:30.8	BA:32.6	BA:35.2	BA:36.4	BA:38.2	BA:38.90	BA:39.5	BA:40.7
20	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.99
	MVI7.5:0.88	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.93	MVI7.5:0.95	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.01
	SPH:752	SPH:892	SPH:993	SPH:1133	SPH:1225	SPH:1330	SPH:1384.45	SPH:1454	SPH:1513
	BA:34.1	BA:36.9	BA:38.9	BA:41.8	BA:42.7	BA:44.3	BA:44.25	BA:44.7	BA:45.3
22	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.00
	MVI7.5:0.91	MVI7.5:0.93	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.99	MVI7.5:1.01	MVI7.5:1.01	MVI7.5:1.01	MVI7.5:1.01
	SPH:749	SPH:876	SPH:973	SPH:1073	SPH:1132	SPH:1215	SPH:1258	SPH:1287	SPH:1302
	BA:39.6	BA:42.2	BA:44.1	BA:46.3	BA:46.6	BA:47.8	BA:47.6	BA:47.3	BA:47.3
24	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.03	MVI12.5:1.03	MVI12.5:1.04
	MVI7.5:0.94	MVI7.5:0.96	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:1.01	MVI7.5:1.02	MVI7.5:1.04	MVI7.5:1.04	MVI7.5:1.05
	SPH:743	SPH:857	SPH:919	SPH:991	SPH:1033	SPH:1094.37	SPH:1117	SPH:1147	SPH:1153
	BA:44	BA:46.3	BA:47.3	BA:48.9	BA:48.95	BA:49.03	BA:48.7	BA:48.6	BA:48.4
26	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:1.01	MVI12.5:1.02	MVI12.5:1.03	MVI12.5:1.04	MVI12.5:1.03	MVI12.5:1.03	MVI12.5:1.05
	MVI7.5:0.97	MVI7.5:1.00	MVI7.5:1.01	MVI7.5:1.03	MVI7.5:1.03	MVI7.5:1.04	MVI7.5:1.03	MVI7.5:1.03	MVI7.5:1.05
	SPH:723	SPH:816	SPH:850	SPH:919	SPH:945	SPH:985.59	SPH:988	SPH:1016	SPH:1030
	BA:46.9	BA:48.8	BA:49.1	BA:50.5	BA:50.3	BA:50.02	BA:48.7	BA:48.8	BA:48.4

Species Thinning Age BA Removal	Pli 65 50%	Modelled Establishment Density							
SI	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92
	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.95
	SPH:751	SPH:895	SPH:998	SPH:1159	SPH:1274	SPH:1427	SPH:1522	SPH:1645	SPH:1738
	BA:25.8	BA:28.1	BA:30.3	BA:32.9	BA:34.1	BA:36.4	BA:36.9	BA:38.2	BA:38.9
18	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.96
	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.94	MVI7.5:0.96	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.98
	SPH:751	SPH:892	SPH:994	SPH:1151	SPH:1246	SPH:1366	SPH:1437	SPH:1524	SPH:1587
	BA:30.5	BA:33.2	BA:35.1	BA:37.8	BA:38.8	BA:40.3	BA:40.7	BA:41.1	BA:42.1
20	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:1.00
	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:1.01
	SPH:750	SPH:887	SPH:984	SPH:1113	SPH:1191	SPH:1265	SPH:1329	SPH:1377	SPH:1431
	BA:36.6	BA:39.3	BA:41.4	BA:44.0	BA:44.8	BA:45.7	BA:45.8	BA:45.9	BA:46.4
22	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.00
	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.01	MVI7.5:1.01	MVI7.5:1.01	MVI7.5:1.01
	SPH:744	SPH:865	SPH:942	SPH:1039	SPH:1083	SPH:1148	SPH:1186	SPH:1207	SPH:1217
	BA:41.9	BA:44.4	BA:45.7	BA:48	BA:48	BA:48.7	BA:48.4	BA:48	BA:47.9
24	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.03	MVI12.5:1.02	MVI12.5:1.03
	MVI7.5:0.96	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.01	MVI7.5:1.01	MVI7.5:1.03	MVI7.5:1.03	MVI7.5:1.03
	SPH:734	SPH:835	SPH:889	SPH:958	SPH:984	SPH:1039	SPH:1046	SPH:1079	SPH:1074
	BA:46.1	BA:47.8	BA:48.6	BA:50.3	BA:49.7	BA:49.7	BA:48.9	BA:48.9	BA:48.5
26	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:1.01	MVI12.5:1.01	MVI12.5:1.02	MVI12.5:1.04	MVI12.5:1.01	MVI12.5:1.02	MVI12.5:1.03
	MVI7.5:0.98	MVI7.5:1.00	MVI7.5:1.01	MVI7.5:1.01	MVI7.5:1.03	MVI7.5:1.04	MVI7.5:1.01	MVI7.5:1.02	MVI7.5:1.03
	SPH:707	SPH:780	SPH:809	SPH:863	SPH:899	SPH:946	SPH:924	SPH:960	SPH:953
	BA:48.4	BA:49.4	BA:49.6	BA:50.5	BA:50.8	BA:50.8	BA:48.7	BA:48.9	BA:48

Modelled Volume Impact of 2 utilization levels, thinning from below, removing a percentage of the pre-harvest basal area

MVI12.5 = modelled volume impact, only stems >=12.5cm dbh contribute// MVI7.5 = modelled volume impact, stems >=7.5cm contribute // SPH = pre-thinning trees per hectare >=7.5cm dbh //

BA = basal area of trees >=7.5cm dbh (m2/ha) // Shading: Darkest green = MVI is >0.95, medium green = one MVI is >0.95, lt green = MVI =0.90-0.95 for at least one of the utilization limits

Modelled Volume impact compares the cumulative volume from the thinning plus a final clearcut felling at age 80, compared to a clearcut control at age 80.

Professional interpolation is appropriate when using a thinning age not presented in the following tables.

Species	Sw/Sx								
Thinning Age	35								
BA Removal	40%								
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.82	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92
	MVI7.5:0.82	MVI7.5:0.85	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.91	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.88
	SPH:818	SPH:973	SPH:1082	SPH:1256	SPH:1378	SPH:1570	SPH:1704	SPH:1842	SPH:1985
	BA:8	BA:8.8	BA:9.1	BA:9.8	BA:10.2	BA:10.8	BA:11.2	BA:11.5	BA:12.1
18	MVI12.5:0.85	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.94	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92
	MVI7.5:0.85	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.94	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92
	SPH:816	SPH:969	SPH:1077	SPH:1250	SPH:1371	SPH:1561	SPH:1694	SPH:1831	SPH:1970
	BA:12.1	BA:13.1	BA:13.5	BA:14.2	BA:14.7	BA:15.5	BA:16	BA:16.4	BA:17.1
20	MVI12.5:0.87	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.95	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.92
	MVI7.5:0.87	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.96	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.94
	SPH:813	SPH:966	SPH:1075	SPH:1246	SPH:1365	SPH:1554	SPH:1682	SPH:1819	SPH:1955
	BA:15.5	BA:16.3	BA:16.9	BA:17.7	BA:18.3	BA:19.1	BA:19.8	BA:20.2	BA:21.1
22	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93
	MVI7.5:0.89	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.98	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.96
	SPH:813	SPH:964	SPH:1072	SPH:1242	SPH:1359	SPH:1540	SPH:1658	SPH:1792	SPH:1923
	BA:19.6	BA:20.6	BA:21.1	BA:21.9	BA:22.7	BA:23.4	BA:24.2	BA:24.7	BA:25.7
24	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.97	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.95
	MVI7.5:0.91	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.99	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.99
	SPH:813	SPH:962	SPH:1070	SPH:1235	SPH:1344	SPH:1494	SPH:1605	SPH:1721.15	SPH:1823
	BA:23.8	BA:24.8	BA:25.4	BA:26.5	BA:27.1	BA:27.9	BA:28.7	BA:29.38	BA:30.3
26	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97
	MVI7.5:0.92	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.97	MVI7.5:1.00	MVI7.5:1.00	MVI7.5:1.00	MVI7.5:1.01
	SPH:811	SPH:957	SPH:1062	SPH:1212	SPH:1305	SPH:1417	SPH:1517	SPH:1604	SPH:1670
	BA:27.8	BA:28.9	BA:29.3	BA:30.4	BA:30.9	BA:31.7	BA:32.4	BA:32.9	BA:33.7

Species	Sw/Sx								
Thinning Age	40								
BA Removal	40%								
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.83	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.94	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91
	MVI7.5:0.84	MVI7.5:0.87	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.87	MVI7.5:0.92	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.90
	SPH:813	SPH:966	SPH:1074	SPH:1246	SPH:1367	SPH:1556	SPH:1689	SPH:1825	SPH:1964
	BA:12.1	BA:13.1	BA:13.4	BA:14.2	BA:14.7	BA:15.4	BA:15.8	BA:16.2	BA:16.9
18	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.94	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91
	MVI7.5:0.86	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.95	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94
	SPH:811	SPH:964	SPH:1070	SPH:1242	SPH:1359	SPH:1546	SPH:1674	SPH:1802	SPH:1933
	BA:17.1	BA:18.1	BA:18.4	BA:19.2	BA:19.9	BA:20.7	BA:21.3	BA:21.9	BA:22.7
20	MVI12.5:0.88	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92
	MVI7.5:0.88	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.97	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.96
	SPH:810	SPH:962	SPH:1068	SPH:1235	SPH:1352	SPH:1529	SPH:1645	SPH:1774	SPH:1890
	BA:20.9	BA:21.8	BA:22.4	BA:23.2	BA:23.9	BA:24.8	BA:25.6	BA:26.2	BA:27.1
22	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.96	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93
	MVI7.5:0.90	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.99	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.98
	SPH:810	SPH:960	SPH:1067	SPH:1229	SPH:1332	SPH:1478	SPH:1586	SPH:1695	SPH:1792
	BA:25.3	BA:26.4	BA:26.9	BA:27.8	BA:28.6	BA:29.3	BA:30.3	BA:30.8	BA:31.8
24	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.98	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.96
	MVI7.5:0.92	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.96	MVI7.5:1.00	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.00
	SPH:810	SPH:955	SPH:1053	SPH:1195	SPH:1287	SPH:1409	SPH:1491	SPH:1565	SPH:1628
	BA:29.8	BA:30.8	BA:31.3	BA:32.4	BA:33	BA:33.8	BA:34.4	BA:34.9	BA:35.8
26	MVI12.5:0.93	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98
	MVI7.5:0.93	MVI7.5:0.96	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:1.01	MVI7.5:1.00	MVI7.5:1.01	MVI7.5:1.02
	SPH:801	SPH:934	SPH:1028	SPH:1148	SPH:1226	SPH:1332	SPH:1400	SPH:1474	SPH:1519
	BA:33.4	BA:34.5	BA:34.8	BA:35.8	BA:36.3	BA:37.1	BA:37.6	BA:38.1	BA:38.8

Species	Sw/Sx								
Thinning Age	45								
BA Removal	40%								
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.84	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.92	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.90
	MVI7.5:0.85	MVI7.5:0.88	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.93	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92
	SPH:809	SPH:961	SPH:1067	SPH:1239	SPH:1356	SPH:1543	SPH:1670	SPH:1798	SPH:1938
	BA:16.3	BA:17.3	BA:17.6	BA:18.4	BA:19	BA:19.7	BA:20.2	BA:20.7	BA:21.6
18	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91
	MVI7.5:0.87	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.96	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.95
	SPH:808	SPH:959	SPH:1065	SPH:1231	SPH:1345	SPH:1516	SPH:1631	SPH:1754	SPH:1866
	BA:21.7	BA:22.7	BA:23	BA:24	BA:24.7	BA:25.6	BA:26.2	BA:26.9	BA:27.9
20	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93
	MVI7.5:0.89	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.97	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.97
	SPH:808	SPH:957	SPH:1061	SPH:122	SPH:1324	SPH:1462	SPH:1579	SPH:1675	SPH:1766
	BA:25.8	BA:26.7	BA:27.4	BA:28.3	BA:29.0	BA:29.8	BA:30.8	BA:31.2	BA:32.2
22	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.97	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.95
	MVI7.5:0.90	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:1.00	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.99
	SPH:808	SPH:948	SPH:1046	SPH:1191.7	SPH:1276	SPH:1399	SPH:1469	SPH:1554	SPH:1612
	BA:30.5	BA:31.6	BA:32.1	BA:33	BA:33.8	BA:34.4	BA:35.1	BA:35.6	BA:36.3
24	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.98
	MVI7.5:0.92	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:1.01	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:1.01
	SPH:800	SPH:937	SPH:1018	SPH:1138	SPH:1215	SPH:1328	SPH:1390	SPH:1440	SPH:1498
	BA:34.9	BA:36	BA:36.4	BA:37.3	BA:37.9	BA:38.7	BA:39.2	BA:39.6	BA:40.6
26	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:0.99
	MVI7.5:0.94	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:1.02	MVI7.5:1.01	MVI7.5:1.02	MVI7.5:1.02
	SPH:793	SPH:910	SPH:984	SPH:1091	SPH:1160	SPH:1252	SPH:1303	SPH:1364	SPH:1393
	BA:38.2	BA:39.2	BA:39.3	BA:40.2	BA:40.7	BA:41.5	BA:41.8	BA:42.2	BA:42.8

Species		Sw/Sx							
Thinning Age		50							
BA Removal		40%							
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.92	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90
	MVI7.5:0.86	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.94	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.94
	SPH:806	SPH:957	SPH:1064	SPH:1230	SPH:1345	SPH:1521	SPH:1635	SPH:1759	SPH:1884
	BA:20.2	BA:21.2	BA:21.6	BA:22.5	BA:23.1	BA:23.9	BA:24.5	BA:25	BA:26
18	MVI12.5:0.88	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92
	MVI7.5:0.89	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.94	MVI7.5:0.97	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.97
	SPH:805	SPH:954	SPH:1058	SPH:1217	SPH:1311	SPH:1447	SPH:1561	SPH:1654	SPH:1737
	BA:25.9	BA:27	BA:27.4	BA:28.3	BA:28.9	BA:29.8	BA:30.5	BA:31.1	BA:32
20	MVI12.5:0.90	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94
	MVI7.5:0.90	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.98	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.98
	SPH:805	SPH:945	SPH:1045	SPH:1187	SPH:1271	SPH:1385	SPH:1457	SPH:1525	SPH:1602
	BA:30.3	BA:31.1	BA:31.8	BA:32.7	BA:33.4	BA:34	BA:34.7	BA:35.1	BA:36.2
22	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96
	MVI7.5:0.92	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.96	MVI7.5:1.00	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:1.00
	SPH:799	SPH:930	SPH:1015	SPH:1129	SPH:1211	SPH:1323	SPH:1370	SPH:1437	SPH:1481
	BA:35	BA:36.1	BA:36.5	BA:37.1	BA:38	BA:38.6	BA:39.1	BA:39.5	BA:40.3
24	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.98
	MVI7.5:0.93	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:1.01	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:1.01
	SPH:791	SPH:908	SPH:985	SPH:1077	SPH:1155	SPH:1255	SPH:1291	SPH:1334	SPH:1372
	BA:39.4	BA:40.3	BA:40.6	BA:41.4	BA:42	BA:42.7	BA:43	BA:43.3	BA:44.3
26	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.00
	MVI7.5:0.95	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.01	MVI7.5:1.02	MVI7.5:1.03
	SPH:775	SPH:878	SPH:947	SPH:1039	SPH:1097	SPH:1168	SPH:1218	SPH:1277	SPH:1288
	BA:42.1	BA:43	BA:43.1	BA:43.9	BA:44.3	BA:44.8	BA:45.2	BA:45.6	BA:46

Species	Sw/Sx								
Thinning Age	55								
BA Removal	40%								
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.90
	MVI7.5:0.88	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.95	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.95
	SPH:803	SPH:952	SPH:1060	SPH:1223	SPH:1321	SPH:1473	SPH:1584	SPH:1683	SPH:1775
	BA:23.9	BA:24.9	BA:25.2	BA:26.2	BA:26.8	BA:27.6	BA:28.2	BA:28.7	BA:29.7
18	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93
	MVI7.5:0.90	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.96	MVI7.5:0.96	MVI7.5:0.98
	SPH:803	SPH:942	SPH:1045	SPH:1184	SPH:1263	SPH:1382	SPH:1454	SPH:1530	SPH:1601
	BA:29.8	BA:30.8	BA:31.2	BA:32	BA:32.7	BA:33.4	BA:33.9	BA:34.4	BA:35.5
20	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.96
	MVI7.5:0.92	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:0.99
	SPH:796	SPH:927	SPH:1016	SPH:1131	SPH:1212	SPH:1321	SPH:1370	SPH:1429	SPH:1493
	BA:34.2	BA:35	BA:35.6	BA:36.2	BA:37.1	BA:37.7	BA:38.2	BA:38.5	BA:39.6
22	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97
	MVI7.5:0.93	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.96	MVI7.5:0.96	MVI7.5:1.00	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.00
	SPH:790	SPH:908	SPH:983	SPH:1077	SPH:1145	SPH:1251	SPH:1269	SPH:1326	SPH:1373
	BA:39	BA:39.9	BA:40.2	BA:40.7	BA:41.4	BA:42.1	BA:42.3	BA:42.6	BA:43.6
24	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:1.00	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.99
	MVI7.5:0.94	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:1.01	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.01
	SPH:775	SPH:877	SPH:951	SPH:1033	SPH:1089	SPH:1174	SPH:1205	SPH:1251	SPH:1262
	BA:43.1	BA:43.8	BA:44.2	BA:44.9	BA:45.3	BA:45.7	BA:46.1	BA:46.6	BA:47
26	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.01
	MVI7.5:0.96	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.01	MVI7.5:1.02	MVI7.5:1.03
	SPH:755	SPH:848	SPH:903	SPH:998	SPH:1038	SPH:1107	SPH:1144	SPH:1202	SPH:1197
	BA:45.2	BA:46.1	BA:45.8	BA:46.9	BA:47	BA:47.5	BA:47.7	BA:48.2	BA:48.3

Species		Sw/Sx							
Thinning Age		60							
BA Removal		40%							
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92
	MVI7.5:0.90	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.96	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.96
	SPH:801	SPH:943	SPH:1048	SPH:1196	SPH:1278	SPH:1412	SPH:1497	SPH:1573	SPH:1635
	BA:27.2	BA:28.2	BA:28.6	BA:29.5	BA:30	BA:30.8	BA:31.4	BA:31.7	BA:32.6
18	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95
	MVI7.5:0.92	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.96	MVI7.5:0.98	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.98
	SPH:792	SPH:926	SPH:1016	SPH:1133	SPH:1206	SPH:1316	SPH:137	SPH:1438	SPH:1475
	BA:33.1	BA:34.2	BA:34.5	BA:35.1	BA:35.9	BA:36.6	BA:37	BA:37.4	BA:38.1
20	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.97
	MVI7.5:0.93	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.99	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:0.99
	SPH:788	SPH:910	SPH:980	SPH:1077	SPH:1162	SPH:1250	SPH:129	SPH:1328	SPH:1381
	BA:37.6	BA:38.4	BA:38.7	BA:39.3	BA:40.2	BA:40.7	BA:41.2	BA:41.5	BA:42.2
22	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98
	MVI7.5:0.94	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:1.00	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:1.00
	SPH:772	SPH:879	SPH:955	SPH:1034	SPH:1084	SPH:1177	SPH:1205	SPH:1250	SPH:1267
	BA:42.1	BA:43	BA:43.4	BA:43.7	BA:44.3	BA:44.8	BA:45.2	BA:45	BA:45.9
24	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.00
	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:0.98	MVI7.5:1.01	MVI7.5:1.00	MVI7.5:1.00	MVI7.5:1.01
	SPH:752	SPH:844	SPH:910	SPH:985	SPH:1025	SPH:1108	SPH:1145	SPH:1178	SPH:1175
	BA:46.1	BA:46.6	BA:46.8	BA:47.7	BA:47.7	BA:48.2	BA:48.7	BA:49	BA:49.3
26	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:1.01	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.01
	MVI7.5:0.97	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.01	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.01	MVI7.5:1.02	MVI7.5:1.02
	SPH:737	SPH:820	SPH:868	SPH:949	SPH:987	SPH:1051.52	SPH:1069	SPH:1128	SPH:1115
	BA:47.9	BA:48.4	BA:48.1	BA:49	BA:49.1		BA:49.3	BA:50.1	BA:50

Species	Sw/Sx								
Thinning Age	60								
BA Removal	40%								
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94
	MVI7.5:0.92	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.97
	SPH:794	SPH:930	SPH:1029	SPH:1149	SPH:1232	SPH:1348	SPH:1408	SPH:1476	SPH:1520
	BA:30.2	BA:31.2	BA:31.6	BA:32.3	BA:32.9	BA:33.5	BA:33.9	BA:34.3	BA:35.1
18	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96
	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.98
	SPH:787	SPH:910	SPH:991	SPH:1091	SPH:1152	SPH:1247	SPH:1293	SPH:1348	SPH:1381
	BA:36.1	BA:37.1	BA:37.4	BA:37.8	BA:38.5	BA:39.2	BA:39.4	BA:39.7	BA:40.6
20	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97
	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:0.98	MVI7.5:0.99
	SPH:775	SPH:880	SPH:951	SPH:1029	SPH:1107	SPH:1179	SPH:1211	SPH:1257	SPH:1279
	BA:40.6	BA:41.1	BA:41.5	BA:41.8	BA:42.8	BA:43	BA:43.4	BA:43.7	BA:44.3
22	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.99
	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:0.97	MVI7.5:1.00	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.00
	SPH:757	SPH:851	SPH:914	SPH:992	SPH:1022	SPH:1115	SPH:1131	SPH:1181	SPH:1190
	BA:44.9	BA:45.6	BA:45.7	BA:46.2	BA:46.3	BA:47	BA:47.2	BA:47.5	BA:47.9
24	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.00
	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:1.01	MVI7.5:1.00	MVI7.5:1.00	MVI7.5:1.01
	SPH:737	SPH:816	SPH:875	SPH:941	SPH:976	SPH:1043	SPH:1071	SPH:1112	SPH:1094
	BA:48.7	BA:48.9	BA:49.1	BA:49.8	BA:49.8	BA:50	BA:50.3	BA:50.8	BA:50.9
26	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.00	MVI12.5:1.01	MVI12.5:1.01
	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.01	MVI7.5:1.00	MVI7.5:1.01	MVI7.5:1.01	MVI7.5:1.02	MVI7.5:1.02
	SPH:719	SPH:784	SPH:831	SPH:904	SPH:941	SPH:991	SPH:1008	SPH:1054	SPH:1047
	BA:50	BA:50.1	BA:49.8	BA:50.5	BA:50.6	BA:50.8	BA:50.6	BA:51.1	BA:51.2

Modelled Volume Impact of 2 utilization levels, thinning from below, removing a percentage of the pre-harvest basal area

MVI12.5 = modelled volume impact, only stems >=12.5cm dbh contribute// MVI7.5 = modelled volume impact, stems >=7.5cm contribute // SPH = pre-thinning trees per hectare >=7.5cm dbh //

BA = basal area of trees >=7.5cm dbh (m2/ha) // Shading: Darkest green = MVI is >0.95, medium green = one MVI is >0.95, It green = MVI =0.90-0.95 for at least one of the utilization limits

Modelled Volume impact compares the cumulative volume from the thinning plus a final clearcut felling at age 80, compared to a clearcut control at age 80.

Professional interpolation is appropriate when using a thinning age not presented in the following tables.

Species Thinning Age BA Removal	Sw/Sx 35 50%								
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.77	MVI12.5:0.83	MVI12.5:0.83	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.93	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.91
	MVI7.5:0.77	MVI7.5:0.81	MVI7.5:0.81	MVI7.5:0.83	MVI7.5:0.83	MVI7.5:0.88	MVI7.5:0.84	MVI7.5:0.86	MVI7.5:0.86
	SPH:818	SPH:973	SPH:1082	SPH:1256	SPH:1378	SPH:1570	SPH:1704	SPH:1842	SPH:1985
	BA:8	BA:8.8	BA:9.1	BA:9.8	BA:10.2	BA:10.8	BA:11.2	BA:11.5	BA:12.1
18	MVI12.5:0.81	MVI12.5:0.85	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.92	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.91
	MVI7.5:0.82	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.87	MVI7.5:0.92	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.91
	SPH:816	SPH:969	SPH:1077	SPH:1250	SPH:1371	SPH:1561	SPH:1694	SPH:1831	SPH:1970
	BA:12.1	BA:13.1	BA:13.5	BA:14.2	BA:14.7	BA:15.5	BA:16	BA:16.4	BA:17.1
20	MVI12.5:0.84	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.88	MVI12.5:0.93	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.92
	MVI7.5:0.84	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.90	MVI7.5:0.94	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94
	SPH:813	SPH:966	SPH:1075	SPH:1246	SPH:1365	SPH:1554	SPH:1682	SPH:1819	SPH:1955
	BA:15.5	BA:16.3	BA:16.9	BA:17.7	BA:18.3	BA:19.1	BA:19.8	BA:20.2	BA:21.1
22	MVI12.5:0.85	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.95	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92
	MVI7.5:0.86	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.97	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.97
	SPH:813	SPH:964	SPH:1072	SPH:1242	SPH:1359	SPH:1540	SPH:1658	SPH:1792	SPH:1923
	BA:19.6	BA:20.6	BA:21.1	BA:21.9	BA:22.7	BA:23.4	BA:24.2	BA:24.7	BA:25.7
24	MVI12.5:0.88	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.96	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94
	MVI7.5:0.89	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.99	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.99
	SPH:813	SPH:962	SPH:1070	SPH:1235	SPH:1344	SPH:1494	SPH:1605	SPH:1721	SPH:1823
	BA:23.8	BA:24.8	BA:25.4	BA:26.5	BA:27.1	BA:27.9	BA:28.7	BA:29.3	BA:30.3
26	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.97
	MVI7.5:0.91	MVI7.5:0.94	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:1.01	MVI7.5:0.99	MVI7.5:1.01	MVI7.5:1.01
	SPH:811	SPH:957	SPH:1062	SPH:1212	SPH:1305	SPH:1417	SPH:1517	SPH:1604	SPH:1670
	BA:27.8	BA:28.9	BA:29.3	BA:30.4	BA:30.9	BA:31.7	BA:32.4	BA:32.9	BA:33.7

Species	Sw/Sx								
Thinning Age	40								
BA Removal	50%								
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.78	MVI12.5:0.83	MVI12.5:0.83	MVI12.5:0.84	MVI12.5:0.85	MVI12.5:0.91	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.89
	MVI7.5:0.79	MVI7.5:0.83	MVI7.5:0.84	MVI7.5:0.84	MVI7.5:0.85	MVI7.5:0.90	MVI7.5:0.86	MVI7.5:0.88	MVI7.5:0.88
	SPH:813	SPH:966	SPH:1074	SPH:1246	SPH:1367	SPH:1556	SPH:1689	SPH:1825	SPH:1964
	BA:12.1	BA:13.1	BA:13.4	BA:14.2	BA:14.7	BA:15.4	BA:15.8	BA:16.2	BA:16.9
18	MVI12.5:0.83	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.86	MVI12.5:0.91	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.90
	MVI7.5:0.83	MVI7.5:0.87	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.88	MVI7.5:0.93	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.93
	SPH:811	SPH:964	SPH:1070	SPH:1242	SPH:1359	SPH:1546	SPH:1674	SPH:1802	SPH:1933
	BA:17.1	BA:18.1	BA:18.4	BA:19.2	BA:19.9	BA:20.7	BA:21.3	BA:21.9	BA:22.7
20	MVI12.5:0.85	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.88	MVI12.5:0.93	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.91
	MVI7.5:0.85	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.95	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.96
	SPH:810	SPH:962	SPH:1068	SPH:1235	SPH:1352	SPH:1529	SPH:1645	SPH:1774	SPH:1890
	BA:20.9	BA:21.8	BA:22.4	BA:23.2	BA:23.9	BA:24.8	BA:25.6	BA:26.2	BA:27.1
22	MVI12.5:0.86	MVI12.5:0.90	MVI12.5:0.91	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.95	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93
	MVI7.5:0.87	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.98	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.98
	SPH:810	SPH:960	SPH:1067	SPH:1229	SPH:1332	SPH:1478	SPH:1586	SPH:1695	SPH:1792
	BA:25.3	BA:26.4	BA:26.9	BA:27.8	BA:28.6	BA:29.3	BA:30.3	BA:30.8	BA:31.8
24	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.97	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95
	MVI7.5:0.89	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:1.00	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.00
	SPH:810	SPH:955	SPH:1053	SPH:1195	SPH:1287	SPH:1409	SPH:1491	SPH:1565	SPH:1628
	BA:29.8	BA:30.8	BA:31.3	BA:32.4	BA:33	BA:33.8	BA:34.4	BA:34.9	BA:35.8
26	MVI12.5:0.91	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:0.98
	MVI7.5:0.92	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:1.01	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.02
	SPH:801	SPH:934	SPH:1028	SPH:1148	SPH:1226	SPH:1332	SPH:1400	SPH:1474	SPH:1519
	BA:33.4	BA:34.5	BA:34.8	BA:35.8	BA:36.3	BA:37.1	BA:37.6	BA:38.1	BA:38.8

Species Thinning Age BA Removal	Sw/Sx 45 50%								
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.81	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.84	MVI12.5:0.89	MVI12.5:0.86	MVI12.5:0.88	MVI12.5:0.88
	MVI7.5:0.81	MVI7.5:0.85	MVI7.5:0.85	MVI7.5:0.86	MVI7.5:0.86	MVI7.5:0.91	MVI7.5:0.88	MVI7.5:0.90	MVI7.5:0.90
	SPH:809	SPH:961	SPH:1067	SPH:1239	SPH:1356	SPH:1543	SPH:1670	SPH:1798	SPH:1938
	BA:16.3	BA:17.3	BA:17.6	BA:18.4	BA:19	BA:19.7	BA:20.2	BA:20.7	BA:21.6
18	MVI12.5:0.84	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.91	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.90
	MVI7.5:0.84	MVI7.5:0.88	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.94	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.95
	SPH:808	SPH:959	SPH:1065	SPH:1231	SPH:1345	SPH:1516	SPH:1631	SPH:1754	SPH:1866
	BA:21.7	BA:22.7	BA:23	BA:24	BA:24.7	BA:25.6	BA:26.2	BA:26.9	BA:27.9
20	MVI12.5:0.86	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92
	MVI7.5:0.86	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.96	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.97
	SPH:808	SPH:957	SPH:1061	SPH:1223	SPH:1324	SPH:1462	SPH:1579	SPH:1675	SPH:1766
	BA:25.8	BA:26.7	BA:27.4	BA:28.3	BA:29	BA:29.8	BA:30.8	BA:31.2	BA:32.2
22	MVI12.5:0.88	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.96	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94
	MVI7.5:0.88	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.99	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.98
	SPH:808	SPH:948	SPH:1046	SPH:1191	SPH:1276	SPH:1399	SPH:1469	SPH:1554	SPH:1612
	BA:30.5	BA:31.6	BA:32.1	BA:33	BA:33.8	BA:34.4	BA:35.1	BA:35.6	BA:36.3
24	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.98	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.97
	MVI7.5:0.90	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.96	MVI7.5:1.00	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.01
	SPH:800	SPH:937	SPH:1018	SPH:1138	SPH:1215	SPH:1328	SPH:1390	SPH:1440	SPH:1498
	BA:34.9	BA:36	BA:36.4	BA:37.3	BA:37.9	BA:38.7	BA:39.2	BA:39.6	BA:40.6
26	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:1.00	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.99
	MVI7.5:0.93	MVI7.5:0.96	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.02	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.02
	SPH:793	SPH:910	SPH:984	SPH:1091	SPH:1160	SPH:1252	SPH:1303	SPH:1364	SPH:1393
	BA:38.2	BA:39.2	BA:39.3	BA:40.2	BA:40.7	BA:41.5	BA:41.8	BA:42.2	BA:42.8

Species Thinning Age BA Removal	Sw/Sx 50 50%	Modelled Establishment Density							
SI	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.82 MVI7.5:0.83 SPH:806 BA:20.2	MVI12.5:0.85 MVI7.5:0.86 SPH:957 BA:21.2	MVI12.5:0.85 MVI7.5:0.87 SPH:1064 BA:21.6	MVI12.5:0.85 MVI7.5:0.87 SPH:1230 BA:22.5	MVI12.5:0.86 MVI7.5:0.88 SPH:1345 BA:23.1	MVI12.5:0.89 MVI7.5:0.92 SPH:1521 BA:23.9	MVI12.5:0.86 MVI7.5:0.90 SPH:1635 BA:24.5	MVI12.5:0.87 MVI7.5:0.91 SPH:1759 BA:25	MVI12.5:0.87 MVI7.5:0.93 SPH:1884 BA:26
18	MVI12.5:0.85 MVI7.5:0.86 SPH:805 BA:25.9	MVI12.5:0.88 MVI7.5:0.89 SPH:954 BA:27	MVI12.5:0.88 MVI7.5:0.90 SPH:1058 BA:27.4	MVI12.5:0.88 MVI7.5:0.90 SPH:1217 BA:28.3	MVI12.5:0.89 MVI7.5:0.91 SPH:1311 BA:28.9	MVI12.5:0.92 MVI7.5:0.95 SPH:1447 BA:29.8	MVI12.5:0.90 MVI7.5:0.93 SPH:1561 BA:30.5	MVI12.5:0.90 MVI7.5:0.94 SPH:1654 BA:31.1	MVI12.5:0.91 MVI7.5:0.96 SPH:1737 BA:32
20	MVI12.5:0.87 MVI7.5:0.88 SPH:805 BA:30.3	MVI12.5:0.90 MVI7.5:0.91 SPH:945 BA:31.1	MVI12.5:0.91 MVI7.5:0.92 SPH:1045 BA:31.8	MVI12.5:0.91 MVI7.5:0.93 SPH:1187 BA:32.7	MVI12.5:0.91 MVI7.5:0.93 SPH:1271 BA:33.4	MVI12.5:0.94 MVI7.5:0.97 SPH:1385 BA:34	MVI12.5:0.92 MVI7.5:0.96 SPH:1457 BA:34.7	MVI12.5:0.92 MVI7.5:0.96 SPH:1525 BA:35.1	MVI12.5:0.93 MVI7.5:0.97 SPH:1602 BA:36.2
22	MVI12.5:0.89 MVI7.5:0.90 SPH:799 BA:35	MVI12.5:0.92 MVI7.5:0.93 SPH:930 BA:36.1	MVI12.5:0.93 MVI7.5:0.94 SPH:1015 BA:36.5	MVI12.5:0.92 MVI7.5:0.94 SPH:1129 BA:37.1	MVI12.5:0.93 MVI7.5:0.95 SPH:1211 BA:38	MVI12.5:0.97 MVI7.5:0.99 SPH:1323 BA:38.6	MVI12.5:0.95 MVI7.5:0.98 SPH:1370 BA:39.1	MVI12.5:0.95 MVI7.5:0.98 SPH:1437 BA:39.5	MVI12.5:0.95 MVI7.5:0.99 SPH:1481 BA:40.3
24	MVI12.5:0.91 MVI7.5:0.92 SPH:791 BA:39.4	MVI12.5:0.94 MVI7.5:0.95 SPH:908 BA:40.3	MVI12.5:0.95 MVI7.5:0.96 SPH:985 BA:40.6	MVI12.5:0.95 MVI7.5:0.96 SPH:1077 BA:41.4	MVI12.5:0.95 MVI7.5:0.97 SPH:1155 BA:42	MVI12.5:0.98 MVI7.5:1.01 SPH:1255 BA:42.7	MVI12.5:0.96 MVI7.5:0.99 SPH:1291 BA:43	MVI12.5:0.97 MVI7.5:0.99 SPH:1334 BA:43.3	MVI12.5:0.98 MVI7.5:1.01 SPH:1372 BA:44.3
26	MVI12.5:0.93 MVI7.5:0.94 SPH:775 BA:42.1	MVI12.5:0.96 MVI7.5:0.97 SPH:878 BA:43	MVI12.5:0.97 MVI7.5:0.99 SPH:947 BA:43.1	MVI12.5:0.97 MVI7.5:0.99 SPH:1039 BA:43.9	MVI12.5:0.97 MVI7.5:0.99 SPH:1097 BA:44.3	MVI12.5:1.00 MVI7.5:1.01 SPH:1168 BA:44.8	MVI12.5:0.99 MVI7.5:1.01 SPH:1218 BA:45.2	MVI12.5:1.00 MVI7.5:1.02 SPH:1277 BA:45.6	MVI12.5:0.99 MVI7.5:1.02 SPH:1288 BA:46

Species Thinning Age BA Removal	Sw/Sx 55 50%								
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.84	MVI12.5:0.86	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.87	MVI12.5:0.90	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.89
	MVI7.5:0.85	MVI7.5:0.87	MVI7.5:0.88	MVI7.5:0.89	MVI7.5:0.89	MVI7.5:0.93	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.94
	SPH:803	SPH:952	SPH:1060	SPH:1223	SPH:1321	SPH:1473	SPH:1584	SPH:1683	SPH:1775
	BA:23.9	BA:24.9	BA:25.2	BA:26.2	BA:26.8	BA:27.6	BA:28.2	BA:28.7	BA:29.7
18	MVI12.5:0.87	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.89	MVI12.5:0.90	MVI12.5:0.93	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92
	MVI7.5:0.88	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.92	MVI7.5:0.95	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.96
	SPH:803	SPH:942	SPH:1045	SPH:1184	SPH:1263	SPH:1382	SPH:1454	SPH:1530	SPH:1601
	BA:29.8	BA:30.8	BA:31.2	BA:32	BA:32.7	BA:33.4	BA:33.9	BA:34.4	BA:35.5
20	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.94	MVI12.5:0.94
	MVI7.5:0.89	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.97	MVI7.5:0.96	MVI7.5:0.96	MVI7.5:0.98
	SPH:796	SPH:927	SPH:1016	SPH:1131	SPH:1212	SPH:1321	SPH:1370	SPH:1429	SPH:1493
	BA:34.2	BA:35	BA:35.6	BA:36.2	BA:37.1	BA:37.7	BA:38.2	BA:38.5	BA:39.6
22	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96
	MVI7.5:0.91	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.99	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:0.99
	SPH:790	SPH:908	SPH:983	SPH:1077	SPH:1145	SPH:1251	SPH:1269	SPH:1326	SPH:1373
	BA:39	BA:39.9	BA:40.2	BA:40.7	BA:41.4	BA:42.1	BA:42.3	BA:42.6	BA:43.6
24	MVI12.5:0.92	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.98
	MVI7.5:0.93	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:1.00	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:1.01
	SPH:775	SPH:877	SPH:951	SPH:1033	SPH:1089	SPH:1174	SPH:1205	SPH:1251	SPH:1262
	BA:43.1	BA:43.8	BA:44.2	BA:44.9	BA:45.6	BA:45.7	BA:46.1	BA:46.6	BA:47
26	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.00
	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:1.01	MVI7.5:1.01	MVI7.5:1.02	MVI7.5:1.02
	SPH:755	SPH:848	SPH:903	SPH:998	SPH:1038	SPH:1107	SPH:1144	SPH:1202	SPH:1197
	BA:45.2	BA:46.1	BA:45.8	BA:46.9	BA:47	BA:47.5	BA:47.7	BA:48.2	BA:48.3

Species Thinning Age BA Removal	Sw/Sx 60 50%	Modelled Establishment Density							
SI	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.87	MVI12.5:0.88	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.89	MVI12.5:0.92	MVI12.5:0.90	MVI12.5:0.90	MVI12.5:0.90
	MVI7.5:0.87	MVI7.5:0.89	MVI7.5:0.90	MVI7.5:0.91	MVI7.5:0.91	MVI7.5:0.94	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.95
	SPH:801	SPH:943	SPH:1048	SPH:1196	SPH:1278	SPH:1412	SPH:1497	SPH:1573	SPH:1635
	BA:27.2	BA:28.2	BA:28.6	BA:29.5	BA:30	BA:30.8	BA:31.4	BA:31.7	BA:32.6
18	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93
	MVI7.5:0.90	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.96	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.96
	SPH:792	SPH:926	SPH:1016	SPH:1133	SPH:1206	SPH:1316	SPH:1378	SPH:1438	SPH:1475
	BA:33.1	BA:34.2	BA:34.5	BA:35.1	BA:35.9	BA:36.6	BA:37	BA:37.4	BA:38.1
20	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95
	MVI7.5:0.91	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.98	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.98
	SPH:788	SPH:910	SPH:980	SPH:1077	SPH:1162	SPH:1250	SPH:1290	SPH:1328	SPH:1381
	BA:37.6	BA:38.4	BA:38.7	BA:39.3	BA:40.2	BA:40.7	BA:41.2	BA:41.2	BA:42.2
22	MVI12.5:0.92	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.96
	MVI7.5:0.92	MVI7.5:0.95	MVI7.5:0.96	MVI7.5:0.96	MVI7.5:0.96	MVI7.5:0.99	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:0.99
	SPH:772	SPH:879	SPH:955	SPH:1034	SPH:1084	SPH:1177	SPH:1205	SPH:1250	SPH:1267
	BA:42.1	BA:43	BA:43.4	BA:43.7	BA:44.3	BA:44.8	BA:45.2	BA:45.4	BA:45.9
24	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.99
	MVI7.5:0.94	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.97	MVI7.5:1.00	MVI7.5:1.00	MVI7.5:0.99	MVI7.5:1.00
	SPH:752	SPH:844	SPH:910	SPH:985	SPH:1025	SPH:1108	SPH:1145	SPH:1178	SPH:1175
	BA:46.1	BA:46.6	BA:46.8	BA:47.7	BA:47.7	BA:48.2	BA:48.7	BA:49	BA:49.3
26	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.00
	MVI7.5:0.96	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.00	MVI7.5:1.01	MVI7.5:1.00	MVI7.5:1.02	MVI7.5:1.01
	SPH:737	SPH:820	SPH:868	SPH:949	SPH:987	SPH:1051	SPH:1069	SPH:1128	SPH:1115
	BA:47.9	BA:48.4	BA:48.1	BA:49	BA:49.1	BA:49.5	BA:49.3	BA:50.1	BA:50

Species Thinning Age BA Removal	Sw/Sx 65 50%								
SI	Modelled Establishment Density								
	1000	1200	1400	1600	1800	2000	2200	2400	2600
16	MVI12.5:0.89	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.91	MVI12.5:0.93	MVI12.5:0.92	MVI12.5:0.92	MVI12.5:0.92
	MVI7.5:0.90	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.96
	SPH:794	SPH:930	SPH:1029	SPH:1149	SPH:1232	SPH:1348	SPH:1408	SPH:1476	SPH:1520
	BA:30.2	BA:31.2	BA:31.6	BA:32.3	BA:32.9	BA:33.5	BA:33.9	BA:34.3	BA:35.1
18	MVI12.5:0.92	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.95
	MVI7.5:0.92	MVI7.5:0.93	MVI7.5:0.94	MVI7.5:0.94	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.97
	SPH:787	SPH:910	SPH:991	SPH:1091	SPH:1152	SPH:1247	SPH:1293	SPH:1348	SPH:1381
	BA:36.1	BA:37.1	BA:37.4	BA:37.8	BA:38.5	BA:39.2	BA:39.4	BA:39.7	BA:40.6
20	MVI12.5:0.93	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.97	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.96
	MVI7.5:0.93	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:0.97	MVI7.5:0.98
	SPH:775	SPH:880	SPH:951	SPH:1029	SPH:1107	SPH:1179	SPH:1211	SPH:1257	SPH:1279
	BA:40.6	BA:41.1	BA:41.5	BA:41.8	BA:42.8	BA:43	BA:43.4	BA:43.7	BA:44.3
22	MVI12.5:0.94	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.96	MVI12.5:0.95	MVI12.5:0.98	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.97
	MVI7.5:0.94	MVI7.5:0.96	MVI7.5:0.97	MVI7.5:0.97	MVI7.5:0.96	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:0.99
	SPH:757	SPH:851	SPH:914	SPH:992	SPH:1022	SPH:1115	SPH:1131	SPH:1181	SPH:1190
	BA:44.9	BA:45.6	BA:45.7	BA:46.2	BA:46.3	BA:47	BA:47.2	BA:47.5	BA:47.9
24	MVI12.5:0.95	MVI12.5:0.96	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.97	MVI12.5:0.99	MVI12.5:0.98	MVI12.5:0.98	MVI12.5:0.99
	MVI7.5:0.95	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:0.98	MVI7.5:1.00	MVI7.5:0.99	MVI7.5:0.99	MVI7.5:1.00
	SPH:737	SPH:816	SPH:875	SPH:941	SPH:976	SPH:1043	SPH:1071	SPH:1112	SPH:1094
	BA:48.7	BA:48.9	BA:49.1	BA:49.8	BA:49.8	BA:50	BA:50.3	BA:50.8	BA:50.9
26	MVI12.5:0.97	MVI12.5:0.98	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:0.99	MVI12.5:1.00	MVI12.5:1.00
	MVI7.5:0.97	MVI7.5:0.98	MVI7.5:0.99	MVI7.5:1.00	MVI7.5:1.00	MVI7.5:1.01	MVI7.5:1.00	MVI7.5:1.01	MVI7.5:1.01
	SPH:719	SPH:784	SPH:831	SPH:904	SPH:941	SPH:991	SPH:1008	SPH:1054	SPH:1047
	BA:50	BA:50.1	BA:49.8	BA:50.5	BA:50.6	BA:50.8	BA:50.6	BA:51.1	BA:51.2

The following tables are for control stands (without thinning), with age of the culmination of mean annual increment reported to the closest 5-year increment.

Coastal western hemlock (Hwc) modelled age at culmination of mean annual increment (cmai)

Initial density (stems/ha)	Site index (m)					
	18	22	26	30	34	40
800	140	115	90	90	75	60
1000	135	110	85	70	75	60
1200	125	100	85	70	70	60
1400	125	100	85	70	70	60
1600	120	100	85	70	60	60
1800	115	100	85	70	60	60
2000	100	100	85	70	60	60
2200	110	95	85	70	60	60
2400-3600	100	95	85	70	60	60

Lodgepole Pine (Pli) modelled age at culmination of mean annual increment (cmai)

Initial density (stems/ha)	Site index (m)					
	16	18	20	22	24	26
1000	100	85	80	65	60	55
1200	100	85	75	65	60	55
1400	95	85	75	65	55	50
1600	95	80	70	60	55	50
1800	90	75	70	60	55	50
2000	90	75	70	60	50	45
2200	85	75	65	55	50	45
2400	85	75	65	55	50	45
2600	85	75	65	55	45	45

Interior Douglas-fir (Fdi) modelled age at culmination of mean annual increment (cmai)

Initial density (stems/ha)	Site index (m)					
	16	18	20	22	24	26
1000	150	140	140	130	135	125
1200	145	135	130	130	125	115
1400	140	135	125	125	120	115
1600	135	130	120	125	115	115
1800	130	135	125	120	115	110
2000	135	130	125	125	115	110
2200	135	130	120	125	115	110
2400	135	130	125	120	115	105
2600	130	135	120	120	115	105

Coastal Douglas-fir (Fdc) modelled age at culmination of mean annual increment (cmai)

Initial density (stems/ha)	Site index (m)					
	18	22	26	30	34	40
800	105	90	75	75	70	60
1000	100	90	75	75	60	60
1200	85	90	70	70	65	55
1400	80	85	70	70	65	55
1600	80	85	70	70	65	55
1800	75	85	70	70	65	55
2000	75	85	70	70	65	55
2200	75	85	70	70	65	55
2400-3600	75	85	70	70	65	55

Interior white spruce (Sw) modelled age at culmination of mean annual increment (cmai)

Initial density (stems/ha)	Site index (m)					
	16	18	20	22	24	26
1000	120	105	95	85	80	70
1200	115	105	95	85	75	70
1400	115	105	90	85	75	70
1600	115	100	90	85	75	70
1800	115	105	95	85	75	70
2000	110	100	85	80	75	65
2200	115	100	90	80	75	70
2400	110	100	85	80	70	65
2600	115	100	90	80	70	65