

TECHNICAL DOCUMENTATION REPORT

Intermountain Forest Tree
Nutrition Cooperative

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College of Forestry, Wildlife
and Range Sciences
University of Idaho
Moscow, Idaho 83843

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SECTION I

Experimental Design Statistical Models for Six Year Response

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Table 1. Six Year Gross Basal Area Growth for all Douglas-fir Installations

DEPENDENT VARIABLE: GBAI6 GROSS EA INC (SQ.FT)--FIRST 6 YEARS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE
MODEL	205	57801.89108808	281.96044433
ERROR	358	4947.12354479	13.81878085
CORRECTED TOTAL	563	62749.01463287	

F VALUE	PR > F	R-SQUARE	C.V.
20.40	0.0001	0.921160	13.5449
	ROOT MSE		GBAI6 MEAN
	3.71736208		27.44480913

SOURCE	DF	TYPE III SS	F VALUE	PR > F
REGION	5	25921.29791011	375.16	0.0001
INSTALL (REGION)	88	24317.87525262	20.00	0.0001
BLOCK (REGION*INSTALL)	94	1879.41421654	1.45	0.0091
TREATMENT	2	4042.24075574	146.26	0.0001
REGION*TREATMENT	10	783.23263350	5.67	0.0001
BAO	1	564.53848676	40.85	0.0001
BAO*BAO	1	160.51879940	11.62	0.0007
BAO*TREATMENT	2	120.13273606	4.35	0.0136
BAO*BAO*TREATMENT	2	12.64029735	0.46	0.6333

SOURCE	DF	TYPE III SS	F VALUE	PR > F
REGION	5	17515.72059240	253.51	0.0001
INSTALL (REGION)	88	24653.59834759	20.27	0.0001
BLOCK (REGION*INSTALL)	94	1595.14700328	1.23	0.0954
TREATMENT	2	100.74856248	3.65	0.0271
REGION*TREATMENT	10	846.50113513	6.13	0.0001
BAO	1	356.08718249	25.77	0.0001
BAO*BAO	1	166.81865878	12.07	0.0006
BAO*TREATMENT	2	8.85782470	0.32	0.7260
BAO*BAO*TREATMENT	2	12.64029735	0.46	0.6333

Table 2. Six Year Net Basal Area Growth for all Douglas-fir Installations

DEPENDENT VARIABLE: NBAI6 NET BA INC (SQ.FT)--FIRST 6 YEARS				
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	
MODEL	205	74271.88463041	362.30187625	
ERROR	358	23067.78064152	64.43514146	
CORRECTED TOTAL	563	97339.66527193		
F VALUE	PR > F	R-SQUARE	C.V.	
5.62	0.0001	0.763018	34.2661	
	ROOT MSE		NBAI6 MEAN	
	8.02715027		23.42591577	
SOURCE	DF	TYPE I SS	F VALUE	PR > F
REGION	5	27719.83489545	86.04	0.0001
INSTALL (REGION)	88	35809.87170446	6.32	0.0001
BLOCK (REGION*INSTALL)	94	6284.56760793	1.04	0.3984
TREATMENT	2	1828.80703846	14.19	0.0001
REGION*TREATMENT	10	1474.48411963	2.29	0.0131
BAO	1	38.28543479	0.59	0.4413
BAO*BAO	1	265.28518956	4.12	0.0432
BAO*TREATMENT	2	662.74592689	5.14	0.0063
BAO*BAO*TREATMENT	2	188.00271324	1.46	0.2339
SOURCE	DF	TYPE III SS	F VALUE	PR > F
REGION	5	22574.43473746	70.07	0.0001
INSTALL (REGION)	88	33212.13895709	5.86	0.0001
BLOCK (REGION*INSTALL)	94	6051.11826254	1.00	0.4896
TREATMENT	2	370.17891492	2.87	0.0579
REGION*TREATMENT	10	1646.61831252	2.56	0.0054
BAO	1	434.98812542	6.75	0.0098
BAO*BAO	1	393.50639863	6.11	0.0139
BAO*TREATMENT	2	186.57269609	1.45	0.2365
BAO*BAO*TREATMENT	2	188.00271324	1.46	0.2339

Table 3. Six Year Gross Volume Growth for all Douglas-fir Installations

DEPENDENT VARIABLE: GVI6		GROSS VOLUME INC (CU.FT)--FIRST 6 YEARS	
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE
MODEL	205	89659721.17218380	437364.49352285
ERROR	358	5995318.85629387	16746.70071590
CORRECTED TOTAL	563	95655040.02847770	

F VALUE	PR > F	R-SQUARE	C.V.
26.12	0.0001	0.937324	12.5684
	RCOT MSE		GVI6 MEAN
	129.40904418		1028.00086596

SOURCE	DF	TYPE I SS	F VALUE	PR > F
REGION	5	46445768.81166430	554.69	0.0001
INSTALL (REGION)	88	29636481.78453610	20.11	0.0001
BLOCK (REGION*INSTALL)	94	4773901.48679581	3.03	0.0001
TREATMENT	2	4613626.12259402	137.75	0.0001
REGION*TREATMENT	10	1114476.32769094	6.65	0.0001
BAO	1	2911901.01030277	173.68	0.0001
BAO*BAO	1	138139.46174874	8.25	0.0043
BAO*TREATMENT	2	17746.37071507	0.53	0.5892
BAO*BAO*TREATMENT	2	7679.79613610	0.23	0.7952

SOURCE	DF	TYPE III SS	F VALUE	PR > F
REGION	5	25865821.87360100	308.91	0.0001
INSTALL (REGION)	88	24632102.25992010	16.71	0.0001
BLOCK (REGION*INSTALL)	94	2748878.53587767	1.75	0.0002
TREATMENT	2	85006.24587380	2.54	0.0804
REGION*TREATMENT	10	1113852.84479719	6.65	0.0001
BAO	1	673023.63390082	40.19	0.0001
BAO*BAO	1	146875.35646625	8.77	0.0033
BAO*TREATMENT	2	6092.00286244	0.18	0.8338
BAO*BAO*TREATMENT	2	7679.79613610	0.23	0.7952

Table 4. Six Year Net Volume Growth for all Douglas-fir Installations

DEPENDENT VARIABLE: NVI6 NET VOLUME INC (CU.FT)--FIRST 6 YEARS			
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE
MODEL	205	97126093.16598830	473785.82032189
ERROR	358	23958338.36559760	66922.73286480
CORRECTED TOTAL	563	121084431.53158600	

F VALUE	PR > F	R-SQUARE	C.V.
7.08	0.0001	0.802135	28.0464
	ROOT MSE		NVI6 MEAN
	258.69428456		922.37893306

SOURCE	DF	TYPE I SS	F VALUE	PR > F
REGION	5	48199624.95550380	144.05	0.0001
INSTALL (REGION)	88	33772650.17452620	5.73	0.0001
BLCK (REGION*INSTALL)	94	8785680.10684479	1.40	0.0165
TREATMENT	2	2573130.04866591	19.22	0.0001
REGION*TREATMENT	10	1736196.25211231	2.59	0.0048
BAO	1	1181348.03918345	17.65	0.0001
EAO*BAO	1	290420.80673234	4.34	0.0379
BAO*TREATMENT	2	369960.36730209	2.76	0.0644
EAO*BAO*TREATMENT	2	217082.41511737	1.62	0.1990

SOURCE	DF	TYPE III SS	F VALUE	PR > F
REGION	5	32642169.00537180	97.55	0.0001
INSTALL (REGION)	88	33086805.14867620	5.62	0.0001
BLCK (REGION*INSTALL)	94	7060317.03002731	1.12	0.2287
TREATMENT	2	338413.69415257	2.53	0.0812
REGION*TREATMENT	10	1899382.22497299	2.84	0.0021
BAO	1	847178.29020315	12.66	0.0004
BAO*BAO	1	434403.94547648	6.49	0.0113
BAO*TREATMENT	2	188423.45217668	1.41	0.2460
EAO*BAO*TREATMENT	2	217082.41511737	1.62	0.1990

Table 5. Gross Basal Area Increment in the First Two Years
for all Douglas-fir Installations

DEPENDENT VARIABLE: FGBAI2		GROSS BA PAI (SQ-FT)--PERIOD 1	
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE
MODEL	205	2275.68250590	11.10089027
ERROR	358	206.73104465	0.57746102
CORRECTED TOTAL	563	2482.41355055	

F VALUE	PR > F	B-SQUARE	C.V.
19.22	0.0001	0.916722	14.6143
	ROOT MSE		PGBAI2 MEAN
	0.75990856		5.19975096

SOURCE	DF	TYPE I SS	F VALUE	PR > F
REGION	5	795.71158261	275.59	0.0001
INSTALL (REGION)	88	1103.50020137	21.72	0.0001
BLCK (REGION*INSTALL)	94	87.23367249	1.61	0.0011
TREATMENT	2	223.56397943	193.57	0.0001
REGION*TREATMENT	10	31.78073643	5.50	0.0001
BAO	1	22.34676785	38.70	0.0001
BAO*BAO	1	5.28780748	9.16	0.0027
BAO*TREATMENT	2	4.66455569	4.04	0.0184
BAO*BAO*TREATMENT	2	1.59320255	1.38	0.2530

SOURCE	DF	TYPE III SS	F VALUE	PR > F
REGION	5	524.21410555	181.56	0.0001
INSTALL (REGION)	88	1113.83462801	21.92	0.0001
BLCK (REGION*INSTALL)	94	74.21971848	1.37	0.0230
TREATMENT	2	4.31103915	3.73	0.0249
REGION*TREATMENT	10	34.43364971	5.96	0.0001
BAO	1	12.83105086	22.22	0.0001
BAO*BAO	1	5.71274159	9.89	0.0018
BAO*TREATMENT	2	1.04165277	0.90	0.4067
BAO*BAO*TREATMENT	2	1.59320255	1.38	0.2530

Table 6. Gross Basal Area Increment in the Second Two Years for all Douglas-fir Installations

DEPENDENT VARIABLE: PGBAI4		GROSS EA PAI (SQ.FT)--PERIOD 2		
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	
MODEL	205	1632.11926406	7.96155739	
ERRCR	358	156.87023796	0.43818502	
CORRECTED TOTAL	563	1788.98950202		
F VALUE	PR > F	R-SQUARE	C.V.	
18.17	0.0001	0.912313	14.3023	
	ROOT MSE		PGBAI4 MEAN	
	0.66195545		4.62831124	
SOURCE	DF	TYPE I SS	F VALUE	PR > F
REGION	5	653.36604858	298.21	0.0001
INSTALL (REGION)	88	742.25684890	19.25	0.0001
BLOCK (REGION*INSTALL)	94	52.25630791	1.27	0.0649
TREATMENT	2	123.91250594	141.39	0.0001
REGION*TREATMENT	10	30.33200108	6.92	0.0001
EAO	1	17.85457921	40.75	0.0001
EAO*BAO	1	5.64226218	12.86	0.0004
BAO*TREATMENT	2	5.79168102	6.61	0.0015
EAO*BAO*TREATMENT	2	0.70702925	0.81	0.4471
SOURCE	DF	TYPE III SS	F VALUE	PR > F
REGION	5	479.51139550	218.86	0.0001
INSTALL (REGION)	88	750.20365477	19.46	0.0001
BLOCK (REGION*INSTALL)	94	42.93294965	1.04	0.3876
TREATMENT	2	5.27562047	6.02	0.0027
REGION*TREATMENT	10	33.15239555	7.57	0.0001
EAO	1	12.67808419	28.93	0.0001
EAO*BAO	1	6.30379710	14.35	0.0002
BAO*TREATMENT	2	0.86072662	0.98	0.3755
BAO*BAO*TREATMENT	2	0.70702925	0.81	0.4471

Table 7. Gross Basal Area Increment in the Third Two Years for all Douglas-fir Installations

DEPENDENT VARIABLE: PGBAI6		GROSS EA PAI (SQ. FT) -- PERIOD 3	
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE
MODEL	205	1509.71078468	7.36444285
ERROR	358	133.20865695	0.37209122
CORRECTED TOTAL	563	1642.91944163	

F VALUE	PR > F	R-SQUARE	C.V.
19.79	0.0001	0.918920	15.6237

ROOT MSE	PGBAI6 MEAN
0.60999280	3.90427293

SOURCE	DF	TYPE I SS	F VALUE	PR > F
REGION	5	760.71449795	408.89	0.0001
INSTALL (REGION)	88	642.51033660	19.62	0.0001
BLCK (REGION*INSTALL)	94	46.89302666	1.34	0.0308
TREATMENT	2	36.32050898	48.81	0.0001
REGION*TREATMENT	10	11.01152614	2.96	0.0014
BAO	1	8.42794570	22.65	0.0001
BAO*BAO	1	2.79792060	7.52	0.0064
BAO*TREATMENT	2	1.02886166	1.38	0.2523
BAO*BAO*TREATMENT	2	0.00616040	0.01	0.9918

SOURCE	DF	TYPE III SS	F VALUE	PR > F
REGION	5	499.87208172	268.66	0.0001
INSTALL (REGION)	88	648.25303690	19.80	0.0001
BLCK (REGION*INSTALL)	94	43.47857439	1.24	0.0830
TREATMENT	2	0.88241743	1.19	0.3067
REGION*TREATMENT	10	11.63861850	3.13	0.0008
BAO	1	5.29331276	14.23	0.0002
BAO*BAO	1	2.47204202	6.64	0.0104
BAO*TREATMENT	2	0.03453648	0.05	0.9547
BAO*BAO*TREATMENT	2	0.00616040	0.01	0.9918

Table 8. Net Basal Area Increment in the First Two Years for all Douglas-fir Installations

DEPENDENT VARIABLE: PNBAI2		NET EA FAI (SQ.FT)--PERIOD 1		
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	
MODEL	205	2620.46732207	12.78276742	
ERROR	358	697.70598886	1.94889941	
CORRECTED TCTAL	563	3318.17331093		
F VALUE	PR > F	R-SQUARE	C.V.	
6.56	0.0001	0.789732	28.3248	
	ROCT MSE		PNBAI2 MEAN	
	1.39602987		4.92865723	
SOURCE	DF	TYPE I SS	F VALUE	PR > F
REGION	5	878.57436265	90.16	0.0001
INSTALL (REGION)	88	1282.97638320	7.48	0.0001
BLOCK (REGION*INSTALL)	94	189.14693790	1.03	0.4101
TREATMENT	2	205.62973352	52.76	0.0001
REGION*TREATMENT	10	34.05411465	1.75	0.0690
BAO	1	4.60099520	2.36	0.1253
BAO*BAO	1	12.57586603	6.45	0.0115
BAO*TREATMENT	2	2.28395347	0.59	0.5571
BAO*BAO*TREATMENT	2	10.62497545	2.73	0.0668
SOURCE	DF	TYPE III SS	F VALUE	PR > F
REGION	5	675.26807539	69.30	0.0001
INSTALL (REGION)	88	1262.97241620	7.36	0.0001
BLCK (REGION*INSTALL)	94	182.30559381	1.00	0.4991
TREATMENT	2	14.46404945	3.71	0.0254
REGION*TREATMENT	10	24.81552901	1.27	0.2439
BAO	1	22.72187504	11.66	0.0007
BAO*BAO	1	19.26697799	9.89	0.0018
BAO*TREATMENT	2	8.41934352	2.16	0.1168
BAO*BAO*TREATMENT	2	10.62497545	2.73	0.0668

Table 9. Net Basal Area Increment in the Second Two Years
for all Douglas-fir Installations

DEPENDENT VARIABLE: FNBAI4		NET BA PAI (SQ. FT)--PERIOD 2	
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE
MODEL	205	3664.46943618	17.87546066
ERRCR	358	1831.68625062	5.11644204
CORRECTED TCTAL	563	5496.15568680	

F VALUE	PR > F	R-SQUARE	C.V.
3.49	0.0001	0.666733	60.9589
	ROOT MSE		PNBAI4 MEAN
	2.26195536		3.71062455

SOURCE	DF	TYPE I SS	F VALUE	PR > F
REGION	5	878.92287532	34.36	0.0001
INSTALL (REGION)	88	2171.75513875	4.82	0.0001
BLOCK (REGION*INSTALL)	94	397.55552799	0.83	0.8658
TREATMENT	2	41.42909786	4.05	0.0183
REGION*TREATMENT	10	95.48610818	1.87	0.0487
BAO	1	5.06081392	0.99	0.3206
BAO*BAO	1	9.50389413	1.86	0.1738
BAO*TREATMENT	2	54.60286394	5.34	0.0052
BAO*BAO*TREATMENT	2	10.15311608	0.99	0.3718

SOURCE	DF	TYPE III SS	F VALUE	PR > F
REGION	5	793.79783915	31.03	0.0001
INSTALL (REGION)	88	2060.29246659	4.62	0.0001
BLOCK (REGION*INSTALL)	94	385.45335062	0.80	0.9010
TREATMENT	2	26.40020232	2.58	0.0772
REGION*TREATMENT	10	107.60340287	2.10	0.0236
BAO	1	17.74505171	3.47	0.0634
BAO*BAO	1	13.89343081	2.72	0.1003
BAO*TREATMENT	2	14.56476881	1.42	0.2423
BAO*BAO*TREATMENT	2	10.15311608	0.99	0.3718

Table 10. Net Basal Area Increment in the Third Two Years for all Douglas-fir Installations

DEPENDENT VARIABLE: PNBAI6		NET BA FAI (SQ. FT)--PERIOD 3		
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	
MODEL	205	2945.64418012	14.36899600	
ERROR	358	1614.43114381	4.50958420	
CORRECTED TOTAL	563	4560.07532393		
F VALUE	PR > F	R-SQUARE	C.V.	
3.19	0.0001	0.645964	68.7400	
	ROOT MSE		PNBAI6 MEAN	
	2.12357816		3.08929254	
SOURCE	DF	TYPE I SS	F VALUE	PR > F
REGION	5	867.64999196	38.48	0.0001
INSTALL (REGION)	88	1525.99051519	3.85	0.0001
BLOCK (REGION*INSTALL)	94	462.89756511	1.09	0.2834
TREATMENT	2	3.30046519	0.37	0.6938
REGION*TREATMENT	10	49.72873439	1.16	0.3590
BAO	1	2.25314986	0.50	0.4801
BAO*BAO	1	2.78881758	0.62	0.4322
BAO*TREATMENT	2	26.74749795	2.97	0.0528
BAO*BAO*TREATMENT	2	4.28744288	0.48	0.6220
SOURCE	DF	TYPE III SS	F VALUE	PR > F
REGION	5	715.40114423	31.73	0.0001
INSTALL (REGION)	88	1404.77976626	3.54	0.0001
BLOCK (REGION*INSTALL)	94	446.75492340	1.05	0.3619
TREATMENT	2	2.01819844	0.22	0.7996
REGION*TREATMENT	10	60.39479172	1.34	0.2077
BAO	1	2.31306670	0.51	0.4743
BAO*BAO	1	3.71427268	0.82	0.3647
BAO*TREATMENT	2	2.32410482	0.26	0.7730
BAO*BAO*TREATMENT	2	4.28744288	0.48	0.6220

Table 11. Change in Mean Diameter after Six Years for all Douglas-fir Installations

DEPENDENT VARIABLE: DELTAD6 CHANGE IN MEAN DIAMETER (IN)--YEAR 6			
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE
MODEL	205	72.98273605	0.35601335
ERROR	358	12.60131871	0.03519921
CORRECTED TCTAL	563	85.58405475	

F VALUE	PR > F	S-SQUARE	C.V.
10.11	0.0001	0.852761	17.5475
	ROOT MSE		DELTAD6 MEAN
	0.18761454		1.06917864

SOURCE	DF	TYPE I SS	F VALUE	PR > F
REGION	5	14.81741549	84.19	0.0001
INSTALL (REGION)	88	44.43153858	14.34	0.0001
BLOCK (REGION*INSTALL)	94	4.42412912	1.34	0.0321
TREATMENT	2	6.04901052	85.93	0.0001
REGION*TREATMENT	10	1.16184004	3.30	0.0004
BAO	1	1.42494479	40.48	0.0001
BAO*BAO	1	0.10805334	3.07	0.0806
BAO*TREATMENT	2	0.53569742	7.61	0.0006
BAO*BAO*TREATMENT	2	0.03010674	0.43	0.6524

SOURCE	DF	TYPE III SS	F VALUE	PR > F
REGION	5	15.96624826	90.72	0.0001
INSTALL (REGION)	88	27.67011861	8.93	0.0001
BLOCK (REGION*INSTALL)	94	3.53796041	1.07	0.3290
TREATMENT	2	0.46421172	6.59	0.0015
REGION*TREATMENT	10	1.08202738	3.07	0.0009
BAO	1	0.39367021	11.18	0.0009
BAO*BAO	1	0.11222432	3.19	0.0750
BAO*TREATMENT	2	0.09915200	1.41	0.2459
BAO*BAO*TREATMENT	2	0.03010674	0.43	0.6524

SECTION II

a) Mortality Rates by Region, Treatment and Cause

- Table 12. Mortality Causes by Treatment for North Idaho
- Table 13. Mortality Causes by Treatment for Montana
- Table 14. Mortality Causes by Treatment for Central Idaho
- Table 15. Mortality Causes by Treatment for Northeast Oregon
- Table 16. Mortality Causes by Treatment for Central Washington
- Table 17. Mortality Causes by Treatment for Northeast Washington
- Table 18. Mortality Causes by Treatment for All Regions

Table 12. Mortality Causes by Treatment for North Idaho

GEOGRAPHIC REGION: NORTH IDAHO

CAUSE OF DEATH	TREATMENT							
	CONTROL		200#N/A		400#N/A		ALL	
	TREES	VOLUME	TREES	VOLUME	TREES	VOLUME	TREES	VOLUME
	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE
UNKNOWN	1.92	0.58	4.94	2.11	5.26	4.09	4.39	2.60
COMPETITION	38.46	16.79	19.75	9.99	16.84	7.44	22.61	10.39
MANAGEMENT	.	.	1.23	2.22	.	.	0.44	0.83
STEM FORK	1.92	3.82	.	.	.	.	0.44	0.82
TOP DAMAGE	.	.	.	.	1.05	2.32	0.44	0.96
OTHER INSECT	1.92	1.96	.	.	1.05	0.49	0.68	0.62
BARK BEETLE	.	.	1.23	1.56	.	.	0.44	0.58
OTHER DISEASE	3.85	3.00	6.17	25.57	1.05	0.42	3.51	10.35
ROOT ROT	17.31	31.85	25.93	35.80	14.74	19.50	19.30	28.22
ANIMAL	.	.	1.23	1.11	.	.	0.44	0.41
WIND	13.46	28.86	22.22	15.09	45.26	56.63	29.62	35.20
SNOW	21.15	13.14	17.28	6.54	14.74	9.10	17.11	9.01

Table 13. Mortality Causes by Treatment for Montana

GEOGRAPHIC REGION: MONTANA

CAUSE OF DEATH	TREATMENT							
	CONTROL		200#N/A		400#N/A		ALL	
	TREES	VOLUME	TREES	VOLUME	TREES	VOLUME	TREES	VOLUME
	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE
UNKNOWN	-	-	-	-	2.00	3.98	0.77	1.51
COMPETITION	3.70	0.75	-	-	4.00	1.37	2.31	0.70
MANAGEMENT	-	-	-	-	6.00	15.18	2.31	5.76
TOP DAMAGE	-	-	1.89	0.70	-	-	0.77	0.27
BARK BEETLE	77.78	92.44	67.92	81.62	28.00	46.82	54.62	70.95
DEPOLIATOR	3.70	1.95	1.89	1.02	6.00	3.76	3.85	2.28
WIND	11.11	3.56	16.98	5.81	34.00	18.02	22.31	11.46
SNOW	3.70	1.28	11.32	6.85	20.00	10.88	13.08	7.07

Table 14. Mortality Causes by Treatment for Central Idaho

GEOGRAPHIC REGION: CENTRAL IDAHO

CAUSE OF DEATH	TREATMENT							
	CONTRCL		200#N/A		400#N/A		ALL	
	TREES	VOLUME	TREES	VOLUME	TREES	VOLUME	TREES	VOLUME
	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE
UNKNOWN	17.65	11.69	.	.	.	.	3.75	3.54
COMPETITION	11.76	1.01	.	.	.	.	2.50	0.31
TCP DAMAGE	17.65	5.08	.	.	9.09	2.40	7.50	2.37
BARK BEETLE	35.29	72.45	30.00	31.81	18.18	12.37	26.25	37.35
DEPOLIATOR	.	.	.	.	18.18	35.11	7.50	12.20
OTHER DISEASE	.	.	.	.	9.09	3.14	3.75	1.09
ROOT ROT	.	.	50.00	49.65	9.09	10.19	22.50	20.92
WIND	17.65	9.76	10.00	6.79	27.27	28.37	18.75	15.19
SNOW	.	.	10.00	11.75	9.09	8.41	7.50	7.03

Table 15. Mortality Causes by Treatment for Northeast Oregon

GEOGRAPHIC REGION: NORTHEAST OREGON

CAUSE OF DEATH	TREATMENT							
	CONTROL		200#N/A		400#N/A		ALL	
	TREES	VOLUME	TREES	VOLUME	TREES	VOLUME	TREES	VOLUME
	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE
UNKNOWN	8.45	12.85	.	.	4.35	9.71	4.37	6.77
UNHEALTHY FOLIAGE	.	.	.	.	4.35	3.81	1.46	1.63
COMPETITION MANAGEMENT	8.45	1.17	.	.	.	.	2.51	0.24
STEM FORM	.	.	9.09	9.94	8.70	5.89	5.83	6.19
TOP DAMAGE	4.23	2.27	.	.	.	.	1.46	0.46
BARK BEEBLE	.	.	4.55	8.40	.	.	1.46	3.09
DEFOLIATOR	.	.	4.55	2.16	13.04	35.40	5.83	16.00
ROOT ROT	.	.	9.09	26.48	8.70	4.46	5.83	11.66
WIND	33.80	46.68	50.00	46.55	52.17	34.56	45.15	41.43
SNOW	19.72	25.86	.	.	4.35	4.98	8.25	7.38
	25.35	11.16	22.73	6.46	4.35	1.19	17.48	5.15

Table 16. Mortality Causes by Treatment for Central Washington

GEOGRAPHIC REGION: CENTRAL WASHINGTON

CAUSE OF DEATH	TREATMENT							
	CONTROL		200#N/A		400#N/A		ALL	
	TREES	VOLUME	TREES	VOLUME	TREES	VOLUME	TREES	VOLUME
	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE
UNKNOWN	.	.	13.89	7.20	5.88	4.59	7.14	4.17
COMPETITION	10.71	1.42	11.11	3.69	5.88	0.72	9.18	1.94
TOP DAMAGE	.	.	5.56	0.69	.	.	2.04	0.24
BARK BEETLE	42.86	36.50	33.33	35.51	29.41	25.16	34.69	31.98
DEFOLIATOR	.	.	5.56	9.66	.	.	2.04	3.32
OTHER DISEASE	.	.	2.78	0.51	.	.	1.02	0.18
SCOT ROT	28.57	42.94	5.56	2.08	23.53	17.02	18.37	19.35
WIND	17.86	19.13	16.67	37.98	17.65	46.64	17.35	35.75
SNOW	.	.	5.56	2.68	17.65	5.88	8.16	3.09

Table 17. Mortality Causes by Treatment for Northeast Washington

GEOGRAPHIC REGION: NORTHEAST WASHINGTON

CAUSE OF DEATH	TREATMENT							
	CONTROL		200#N/A		400#N/A		ALL	
	TREES	VOLUME	TREES	VOLUME	TREES	VOLUME	TREES	VOLUME
	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE
UNKNOW	-	-	1.79	0.77	0.99	1.72	0.96	1.07
COMPETITION	9.80	1.89	19.64	9.46	9.90	3.14	12.50	4.23
TOP DAMAGE	-	-	1.79	1.61	0.99	1.67	0.56	1.23
BARK BEETLE	1.96	0.36	12.50	12.80	7.92	11.24	7.69	8.78
DEFOLIATOR	1.96	4.39	-	-	-	-	0.48	1.13
OTHER DISEASE	1.96	0.49	-	-	0.99	1.61	0.56	0.96
ROOT ROT	13.73	19.57	12.50	24.14	20.79	24.78	16.63	23.29
ANIMAL	-	-	1.79	0.41	-	-	0.48	0.09
WIND	43.14	51.27	37.50	39.10	44.55	46.39	42.31	46.02
SNOW	27.45	22.03	12.50	11.72	13.86	9.45	16.63	13.21

Table 18. Mortality Causes by Treatment for All Regions

ALL REGIONS

CAUSE OF DEATH	TREATMENT							
	CONTROL		200#N/A		400#N/A		ALL	
	TREES	VOLUME	TREES	VOLUME	TREES	VOLUME	TREES	VOLUME
	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE	% BY CAUSE
UNKNOWN	2.31	2.98	3.13	1.64	3.03	4.40	2.69	3.15
UNHEALTHY FOLIAGE	.1	.1	.1	.1	0.34	0.79	0.14	0.34
COMPETITION	17.40	4.08	12.08	4.48	9.76	2.68	12.41	3.61
MANAGEMENT	.1	.1	1.25	2.82	1.68	3.20	1.13	2.30
STEM FORM	1.15	1.07	.1	.1	.1	.1	0.28	0.26
TOP DAMAGE	0.58	0.27	1.67	2.48	1.01	1.06	1.13	1.33
OTHER INSECT	0.58	0.34	.1	.1	0.34	0.09	0.28	0.12
BARK BEETLE	17.31	23.23	22.50	23.81	10.77	20.44	16.33	22.22
DEPOLIATOR	1.15	1.55	1.67	7.76	2.36	2.60	1.63	4.04
OTHER DISEASE	1.73	0.67	2.29	5.76	1.01	0.71	1.62	2.36
ROOT ROT	16.15	26.46	18.75	25.79	17.51	21.20	17.60	23.97
ANIMAL	.1	.1	0.83	0.32	.1	.1	0.28	0.11
WIND	23.17	28.55	21.67	17.93	37.71	35.44	28.74	28.03
SNOW	18.46	10.80	14.17	7.20	14.48	7.40	15.34	8.15

SECTION II

b) Graphic displays of mortality rates for number of trees, basal area and volume per acre by treatment, time period, region and cause

- Figure 1. Percent of plots incurring some mortality during the six-year period by treatment and region.
- Figure 2. Percent of plots incurring some mortality during the six-year period by treatment, region and time period.
- Figure 3. Mortality rate for number of trees per acre by treatment and region.
- Figure 4. Mortality rate for number of trees per acre by time period, treatment and region.
- Figure 5. Mortality rate for number of trees per acre by region, treatment and cause.
- Figure 6. Mortality rate for basal area per acre by treatment and region.
- Figure 7. Mortality rate for basal area per acre by time period, treatment and region.
- Figure 8. Mortality rate for basal area per acre by region, treatment and cause.
- Figure 9. Mortality rate for volume per acre by treatment and region.
- Figure 10. Mortality rate for volume per acre by time period, treatment and region.
- Figure 11. Mortality rate for volume per acre by region, treatment and cause.
- Figure 12. Mortality rate for number of trees per acre by treatment, time period and cause.
- Figure 13. Mortality rate for basal area per acre by treatment, time period and cause.
- Figure 14. Mortality rate for volume per acre by treatment, time period and cause.

Percent

Plots with Mortality

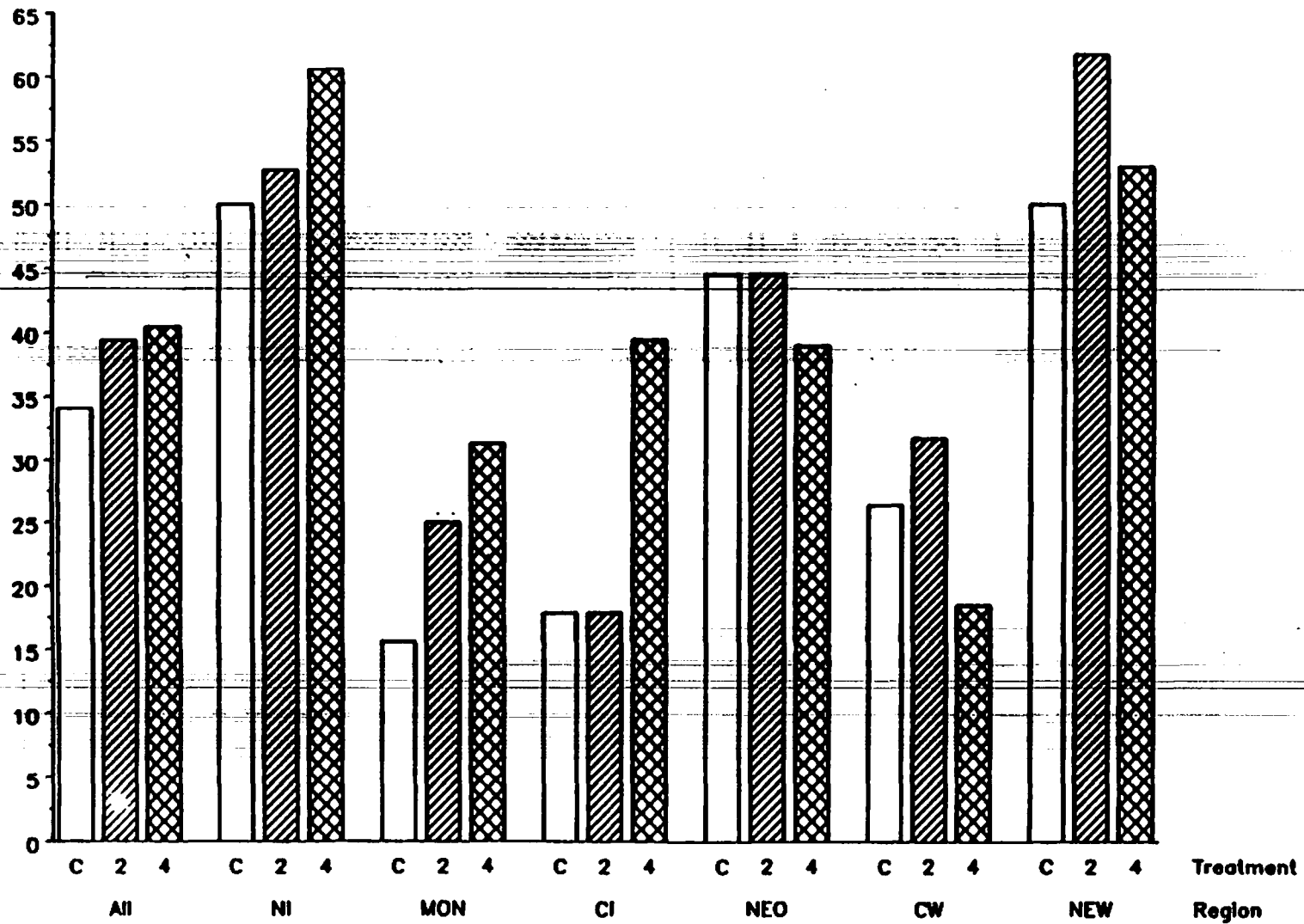


Figure 1. Percent of plots incurring some mortality during the six-year period by treatment and region.

Percent

Plots with Mortality

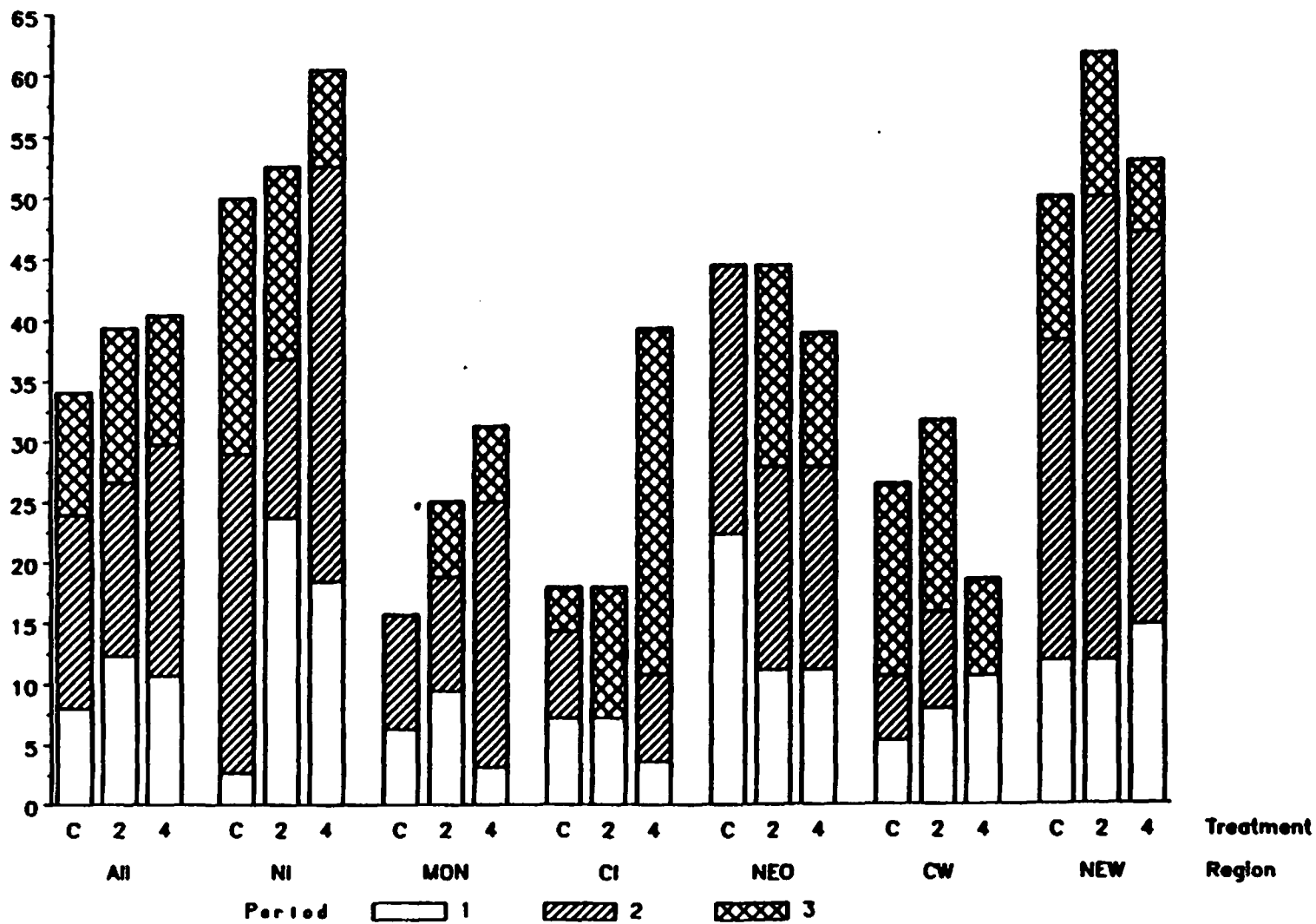


Figure 2. Percent of plots incurring some mortality during the six-year period by treatment, region and time period.

Percent

Mortality: Loss of Trees

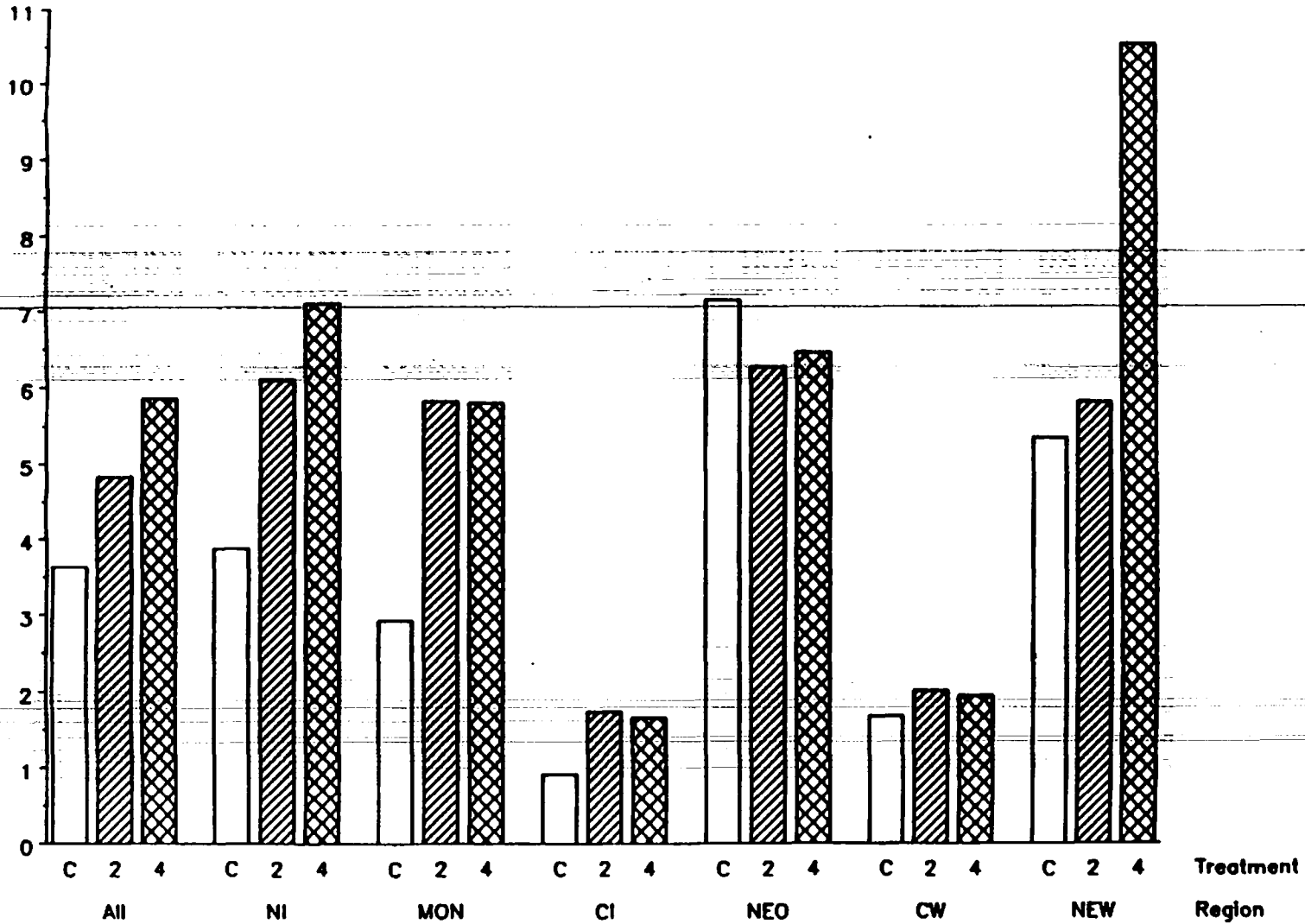


Figure 3. Mortality rate for number of trees per acre by treatment and region.

Percent

Mortality: Loss of Trees

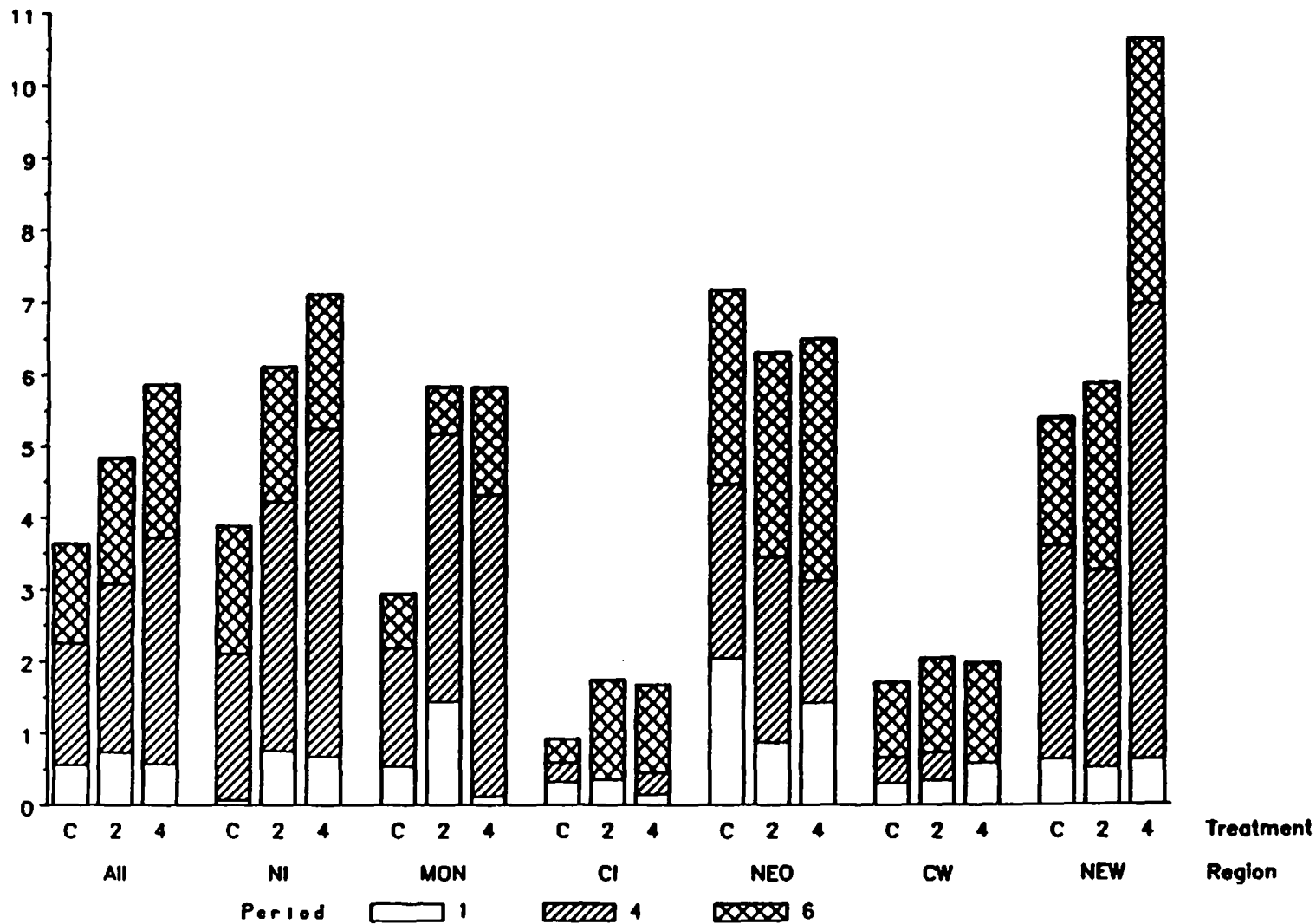


Figure 4. Mortality rate for number of trees per acre by time period, treatment and region.

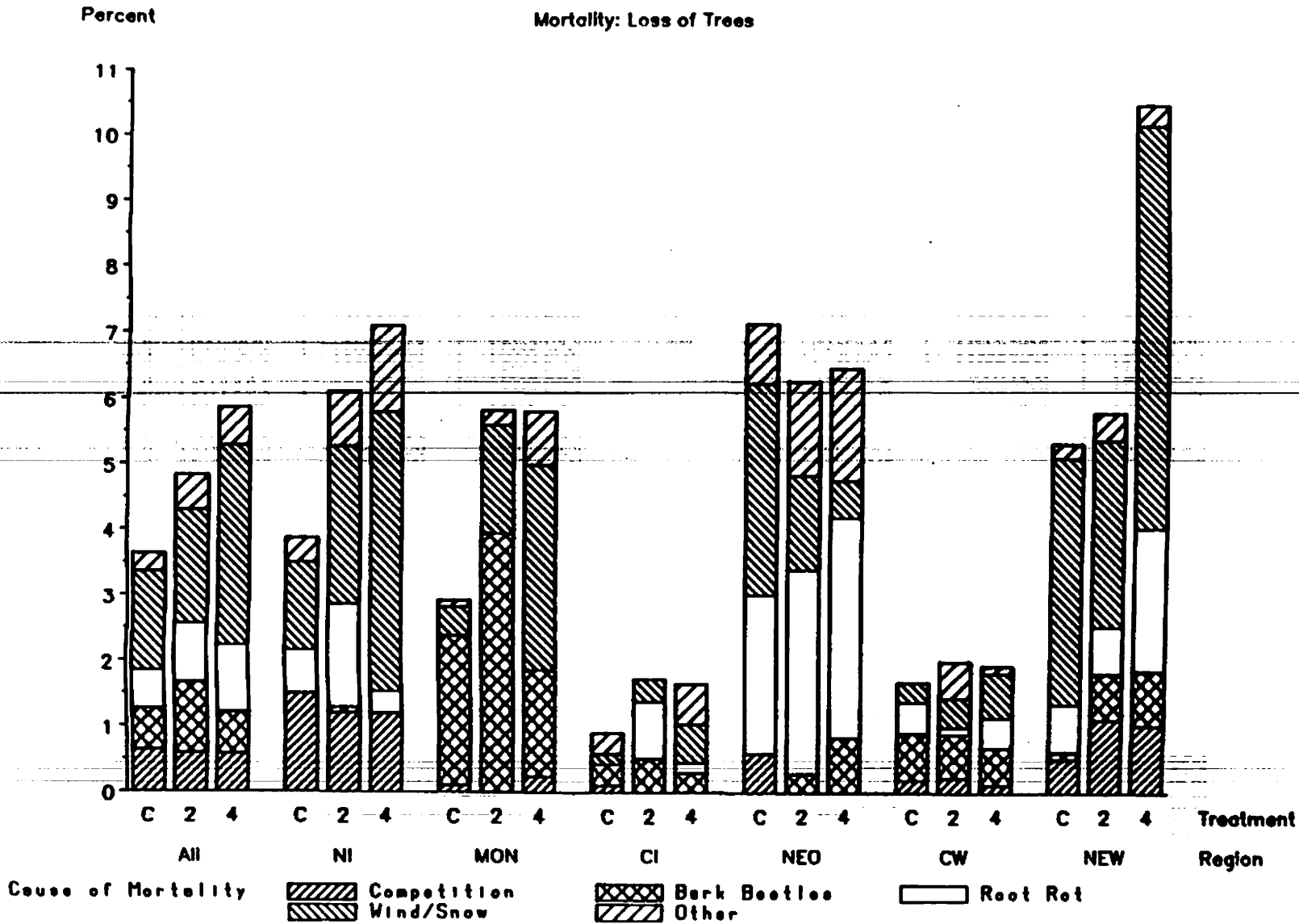


Figure 5. Mortality rate for number of trees per acre by region, treatment and cause.

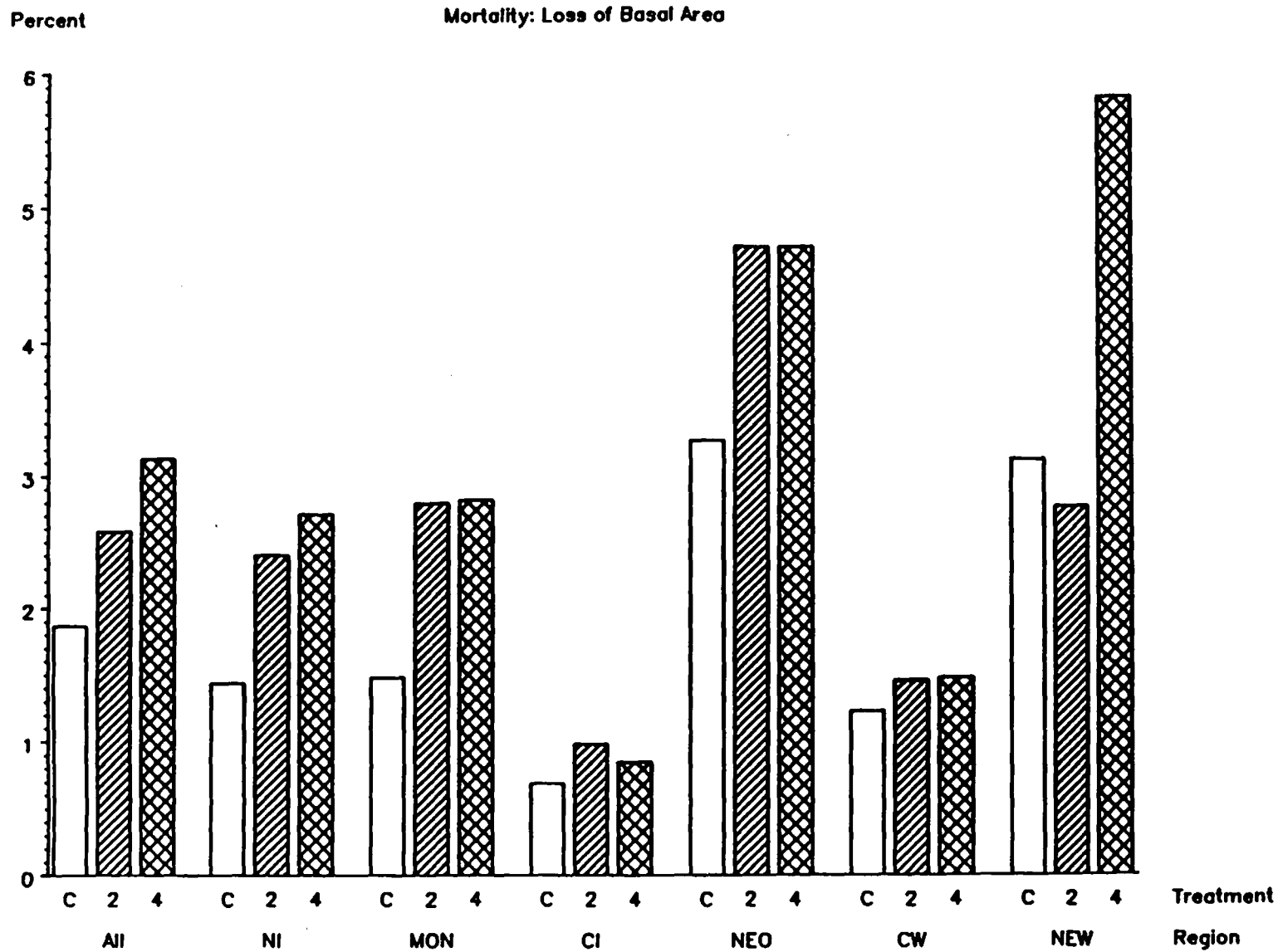


Figure 6. Mortality rate for basal area per acre by treatment and region.

Percent

Mortality: Loss of Basal Area

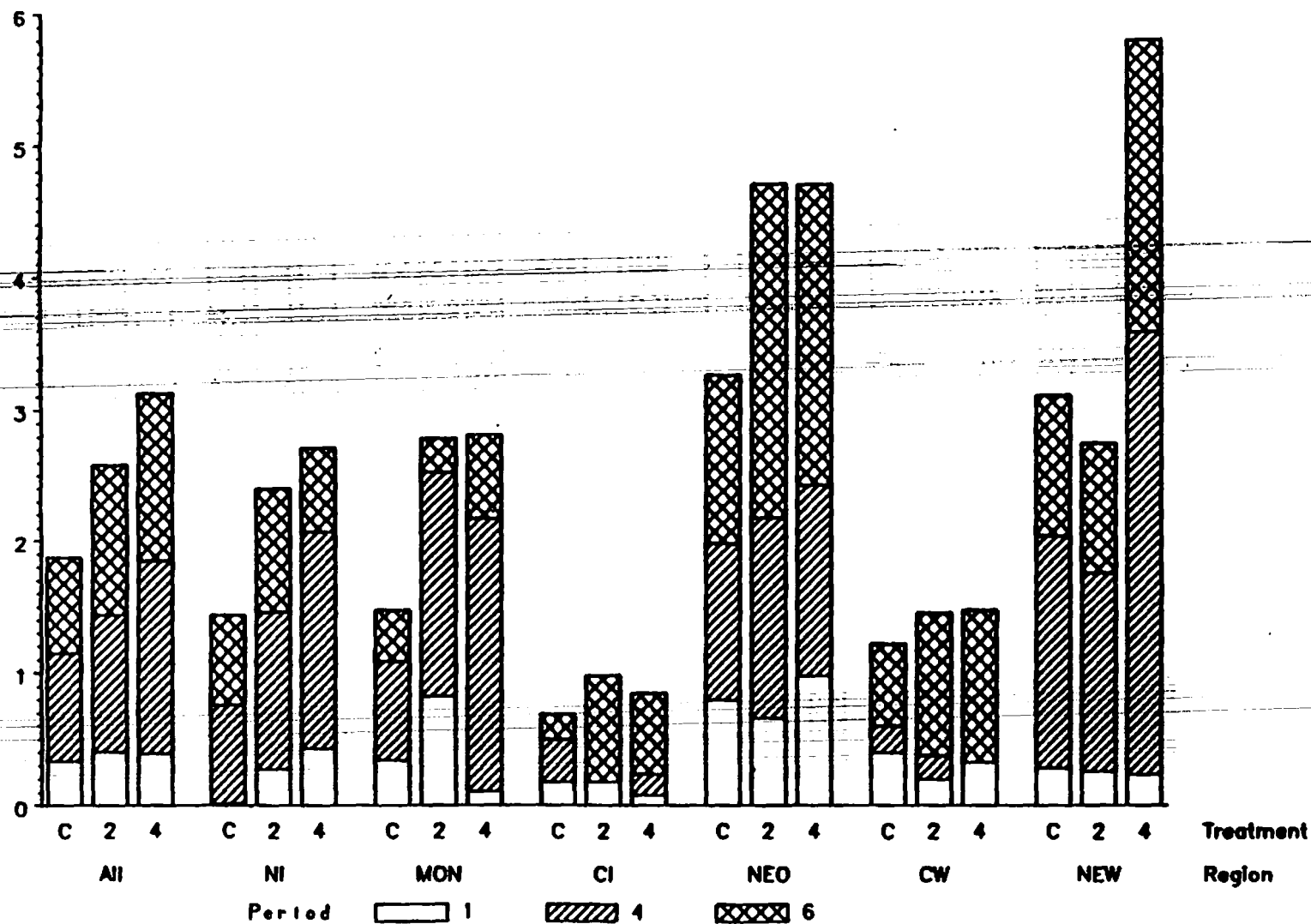


Figure 7. Mortality rate for basal area per acre by time period, treatment and region.

Percent

Mortality: Loss of Basal Area

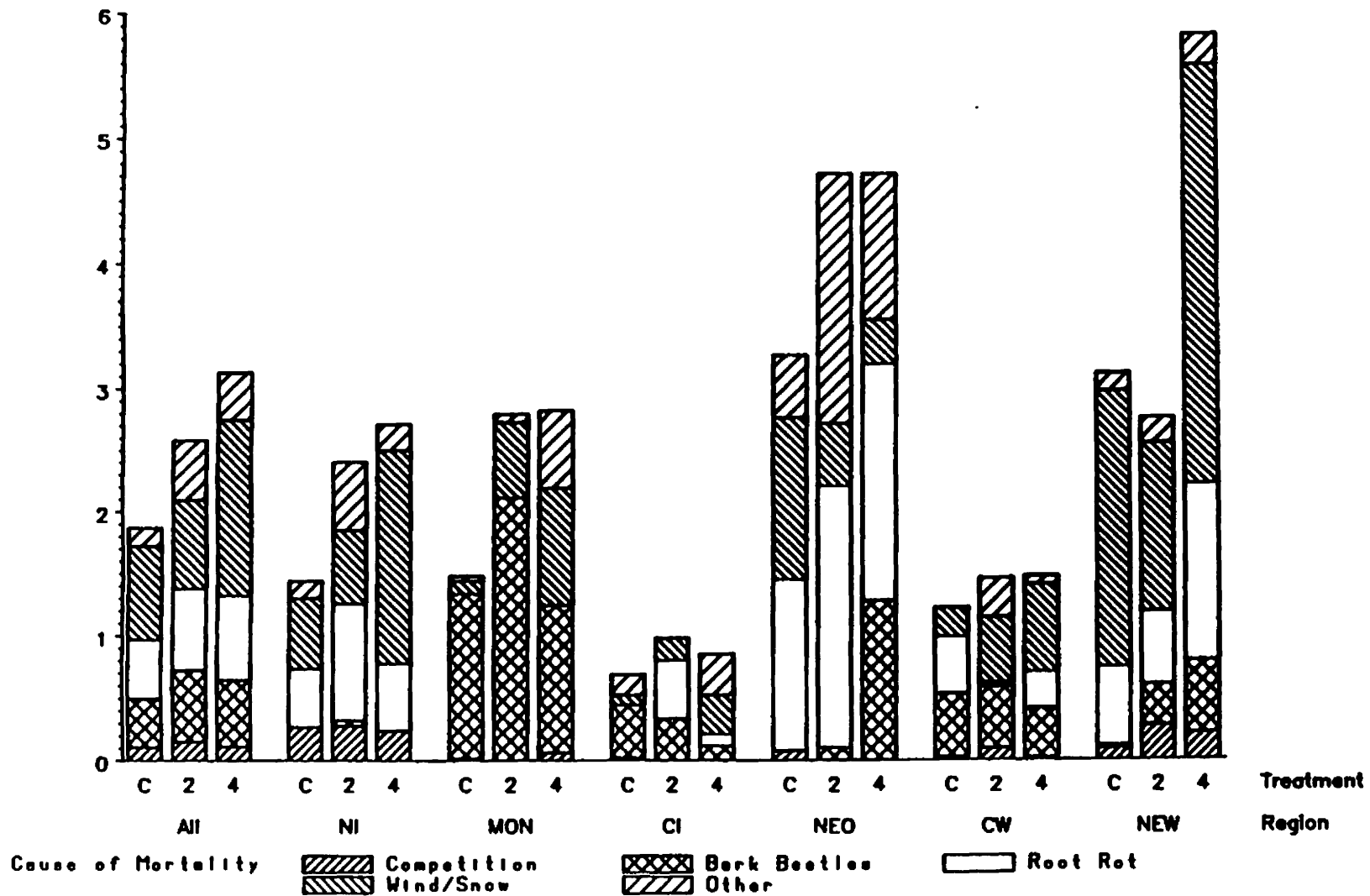


Figure 8. Mortality rate for basal area per acre by region, treatment and cause.

Percent

Mortality: Loss of Volume

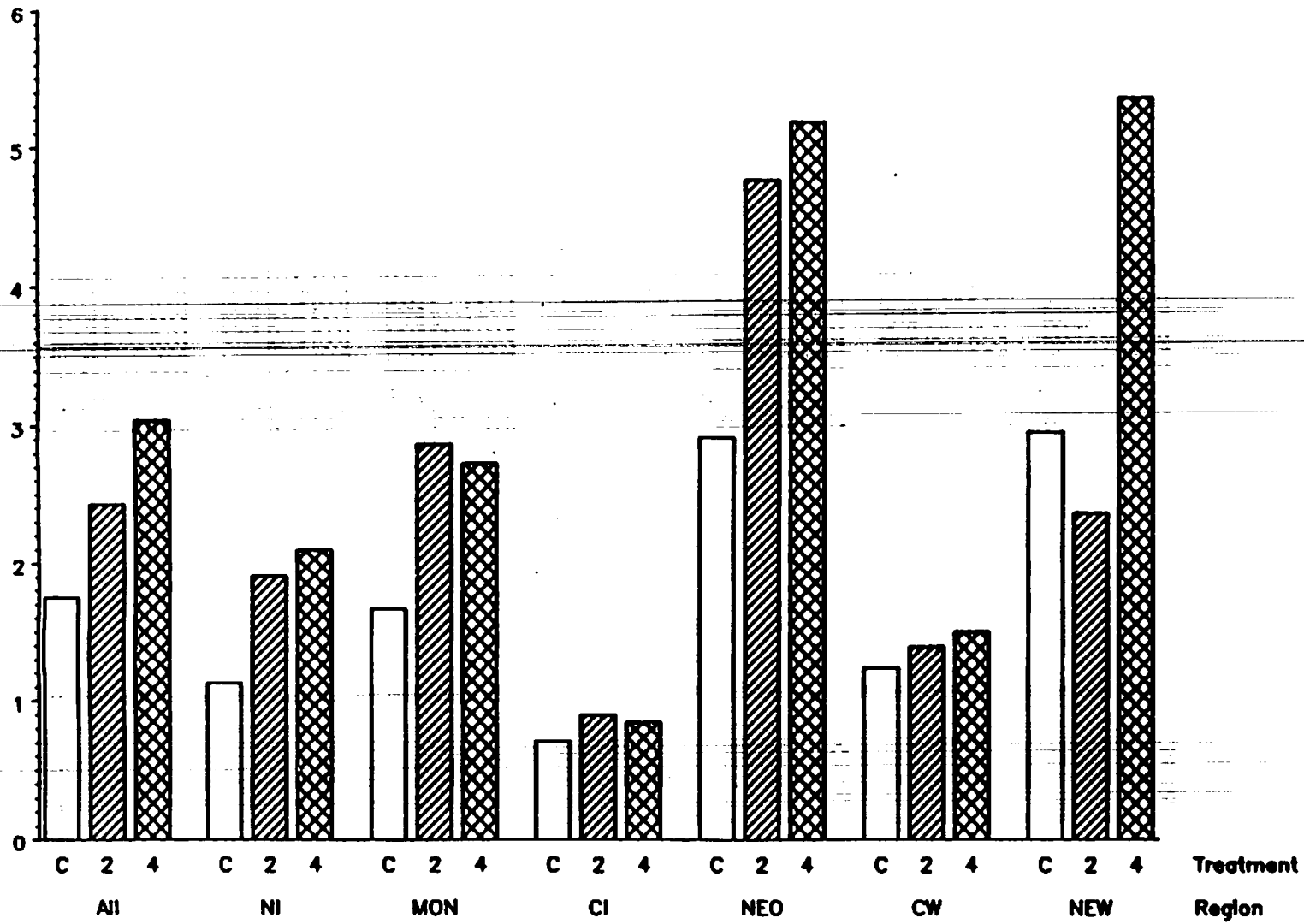


Figure 9. Mortality rate for volume per acre by treatment and region.

Percent

Mortality: Loss of Volume

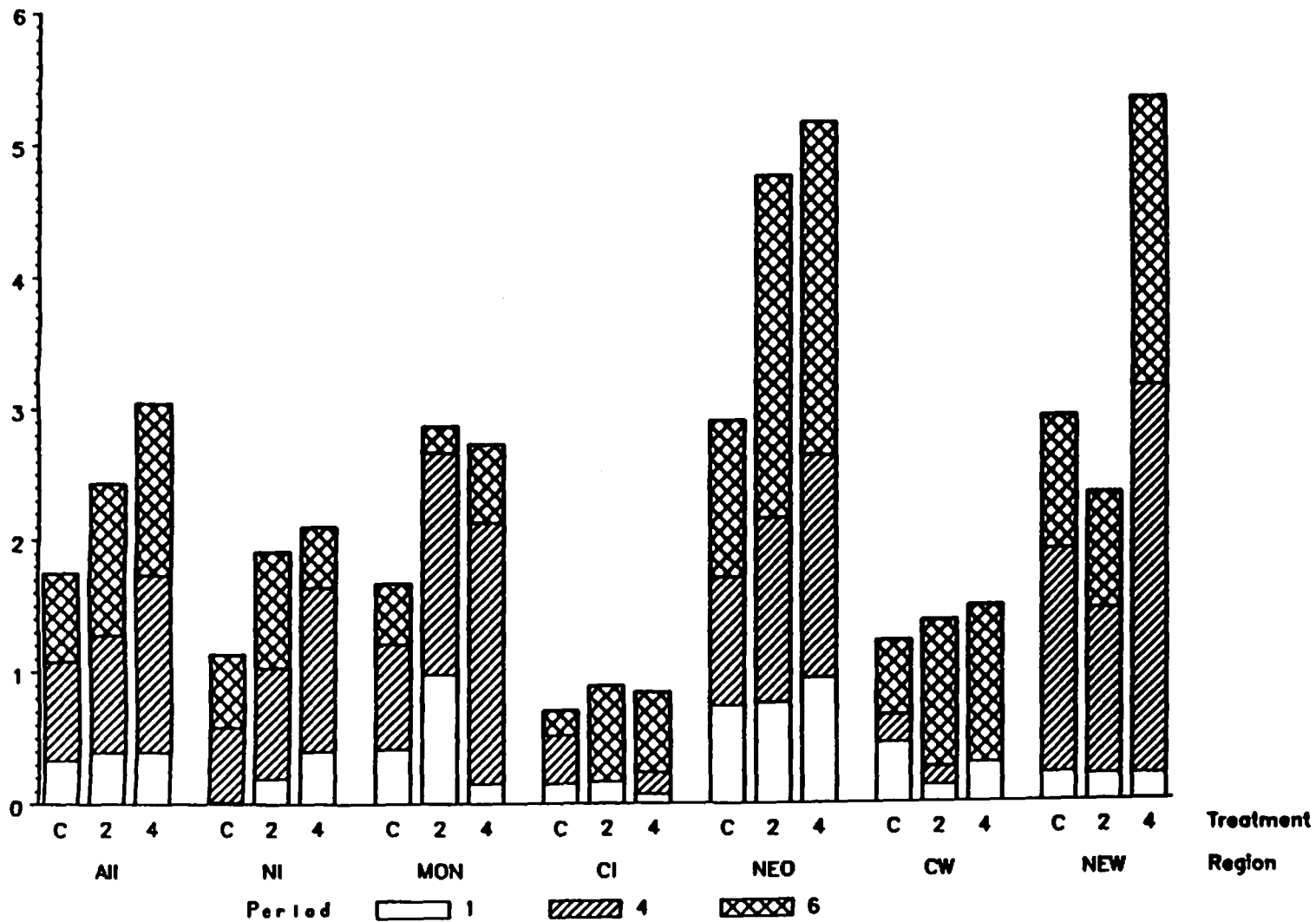


Figure 10. Mortality rate for volume per acre by time period, treatment and region.

Percent

Mortality: Loss of Volume

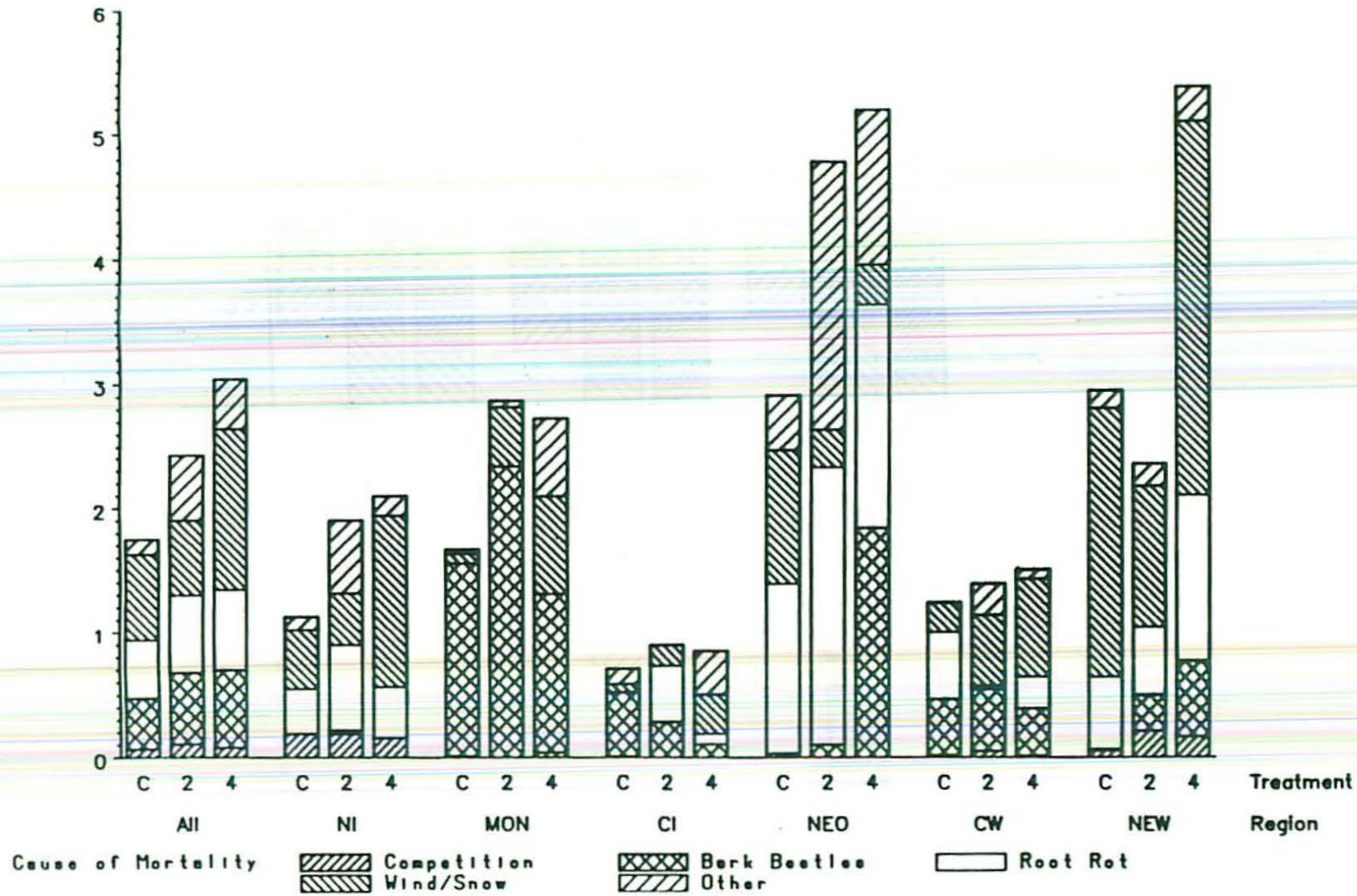


Figure 11. Mortality rate for volume per acre by region, treatment and cause.

Percent

Mortality: Loss of Trees

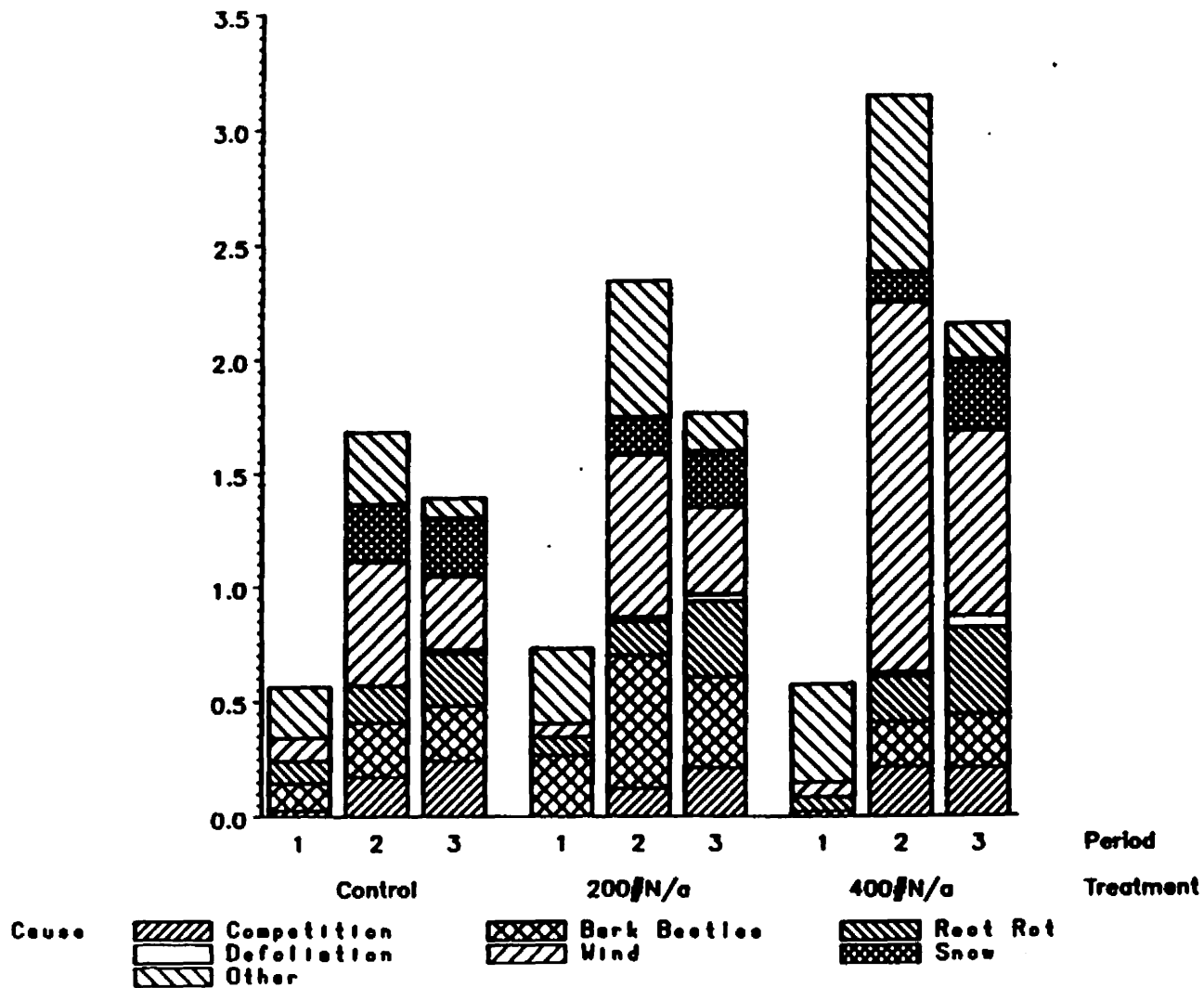


Figure 12. Mortality rate for number of trees per acre by treatment, time period and cause.

Percent

Mortality: Loss of Basal Area

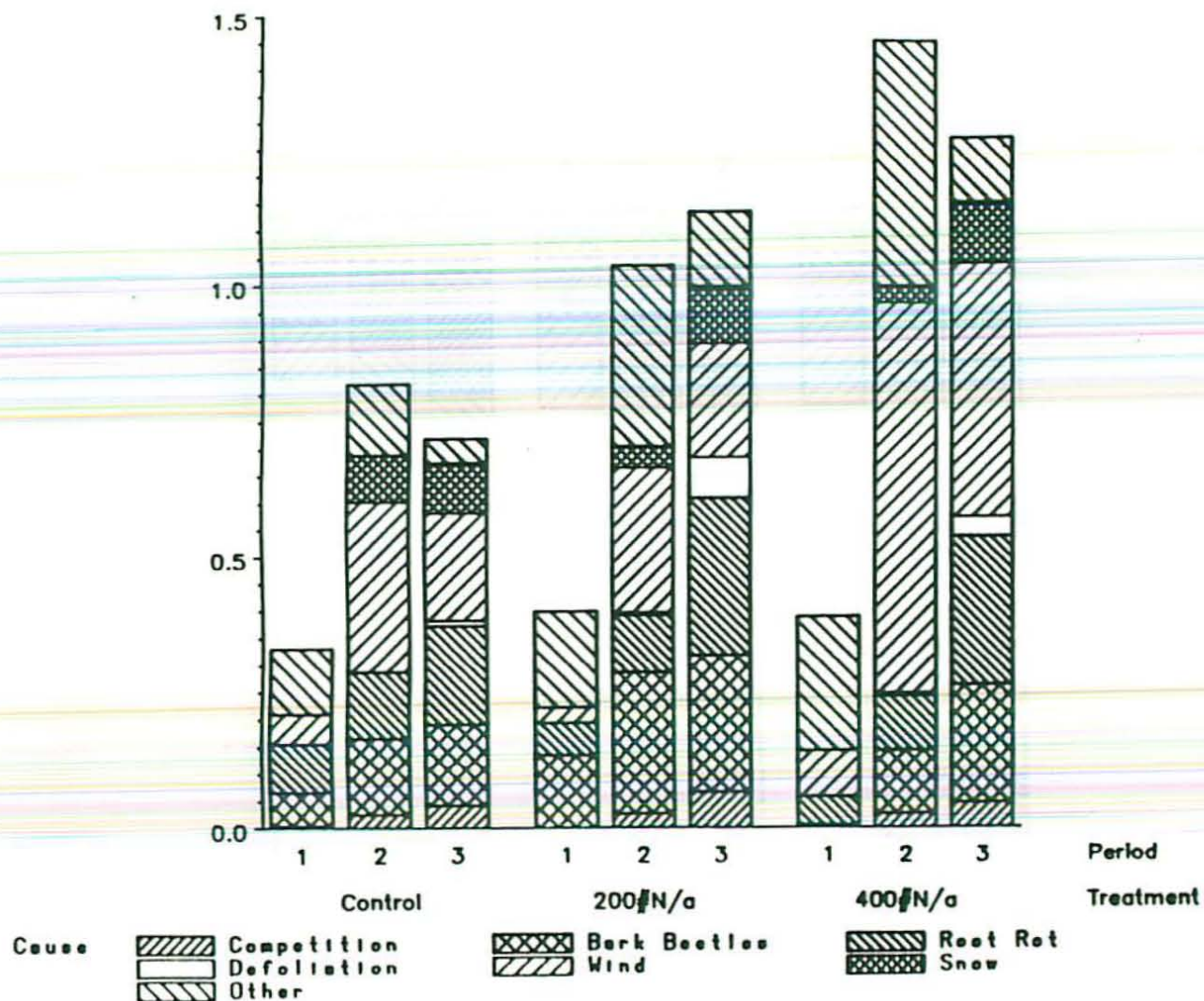


Figure 13. Mortality rate for basal area per acre by treatment, time period and cause.

Percent

Mortality: Loss of Volume

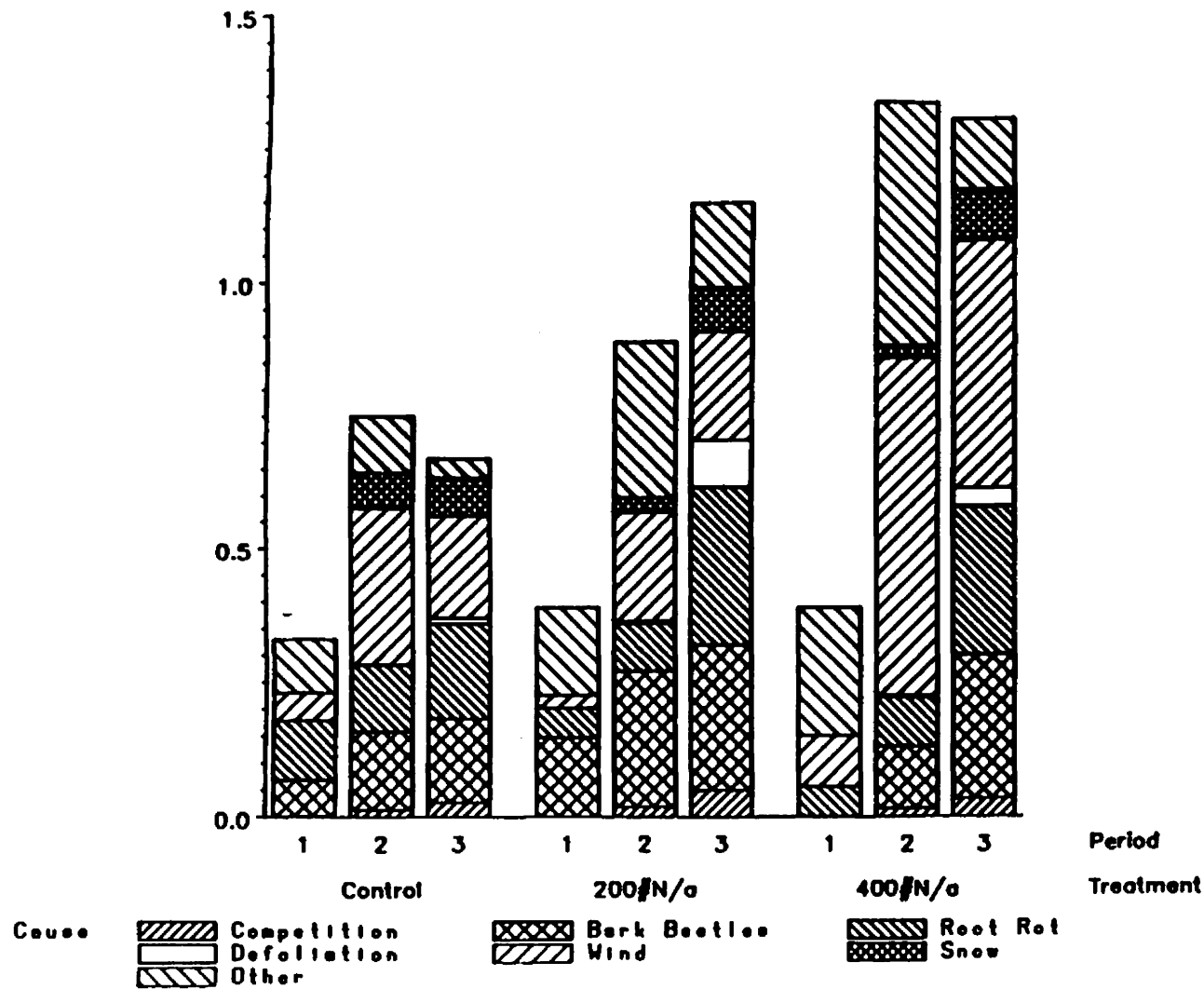


Figure 14. Mortality rate for volume per acre by treatment, time period and cause.

SECTION III

Summary Characteristics for all Douglas-fir Installations

PLOT SUMMARY REPORT

INSTALLATION 201 LAPPINWELL CREEK #1
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T16N R4E SECTION 21 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	200 #	400 #	CONT	400 #	CONT	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 59					
LIVE TREES PER ACRE	160	160	180	300	260	310
LIVE BASAL AREA (SQ. FT/A)	97.8	72.0	88.8	145.1	146.0	132.2
LIVE TOTAL VOLUME (CU. FT/A)	2084	1304	1723	3753	3388	3014
CROWN COMPETITION FACTOR	113	81	103	171	164	140
RELATIVE DENSITY INDEX	30.1	23.9	28.8	47.3	45.8	44.5
MEAN DIAMETER (IN)	10.6	9.1	9.5	9.4	10.1	8.8
SITE HEIGHT (FEET)	61.0	50.7	54.0	73.1	64.8	61.2
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	96.4	76.0	91.2	84.0	89.2	55.6
GRAND FIR	3.6	0.0	0.0	8.3	0.0	0.0
WESTERN LARCH	0.0	0.0	0.0	0.0	8.1	0.6
LODGEPOLE PINE	0.0	0.0	0.0	3.2	0.0	0.0
PONDEROSA PINE	0.0	24.0	8.8	4.6	2.7	43.8
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	160	160	180	300	260	310
LIVE BASAL AREA (SQ. FT/A)	105.1	80.4	94.7	157.8	155.2	140.3
CROWN COMPETITION FACTOR	120	89	111	183	173	148
RELATIVE DENSITY INDEX	31.7	26.0	30.2	50.3	48.0	46.5
MEAN DIAMETER (IN)	11.0	9.6	9.8	9.8	10.5	9.1
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	160	160	180	300	260	310
LIVE BASAL AREA (SQ. FT/A)	111.4	89.4	100.9	169.7	164.1	150.6
LIVE TOTAL VOLUME (CU. FT/A)	2509	1746	2080	4611	3982	3736
CROWN COMPETITION FACTOR	127	97	116	193	180	157
RELATIVE DENSITY INDEX	33.1	28.1	31.7	53.2	50.0	49.0
MEAN DIAMETER (IN)	11.3	10.1	10.1	10.2	10.8	9.4
SITE HEIGHT (FEET)	65.2	54.5	58.1	78.1	69.5	65.9
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	2.1	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	160	160	180	290	260	310
LIVE BASAL AREA (SQ. FT/A)	116.3	96.1	107.1	176.2	171.2	156.6
LIVE TOTAL VOLUME (CU. FT/A)	2682	1933	2272	4905	4232	4010
CROWN COMPETITION FACTOR	132	102	123	196	186	162
RELATIVE DENSITY INDEX	34.2	29.7	33.1	54.2	51.6	50.5
MEAN DIAMETER (IN)	11.5	10.5	10.4	10.6	11.0	9.6
SITE HEIGHT (FEET)	67.1	56.4	60.6	79.8	71.3	67.7
DEAD TREES PER ACRE	0	0	0	10	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	1.1	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	21	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	2.2	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 202 HORSETHIEF RESERVOIR
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T13N R5E SECTION 18 MERIDIAN: BOISE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	400 #	CONT	200 #	400 #	200 #	CONT
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 58					
LIVE TREES PER ACRE	190	240	230	160	140	130
LIVE BASAL AREA (SQ. FT/A)	78.0	70.9	77.0	69.7	44.0	61.9
LIVE TOTAL VOLUME (CU. FT/A)	1529	1359	1439	1249	861	1270
CROWN COMPETITION FACTOR	87	91	95	80	56	74
RELATIVE DENSITY INDEX	26.5	26.1	27.5	23.3	16.0	20.3
MEAN DIAMETER (IN)	8.7	7.4	7.8	8.9	7.6	9.3
SITE HEIGHT (FEET)	49.3	53.9	53.0	48.8	48.9	56.9
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	58.4	97.7	88.4	77.9	94.5	92.9
LODGEPOLE PINE	21.7	0.0	0.0	0.0	5.5	0.0
PONDEROSA PINE	19.9	2.3	11.6	22.1	0.0	7.1
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	190	240	230	160	140	130
LIVE BASAL AREA (SQ. FT/A)	87.7	76.8	84.7	79.2	51.3	68.8
CROWN COMPETITION FACTOR	95	97	103	90	63	80
RELATIVE DENSITY INDEX	28.9	27.7	29.6	25.7	17.9	21.9
MEAN DIAMETER (IN)	9.2	7.7	8.2	9.5	8.2	9.9
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	190	240	230	160	140	130
LIVE BASAL AREA (SQ. FT/A)	96.9	83.1	93.0	89.3	58.6	76.8
LIVE TOTAL VOLUME (CU. FT/A)	2050	1653	1820	1736	1191	1644
CROWN COMPETITION FACTOR	103	108	110	99	70	88
RELATIVE DENSITY INDEX	31.2	29.5	31.7	28.1	19.8	23.8
MEAN DIAMETER (IN)	9.7	8.0	8.6	10.1	8.8	10.4
SITE HEIGHT (FEET)	54.8	56.8	56.3	53.5	52.4	60.2
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.2	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	190	240	230	160	140	130
LIVE BASAL AREA (SQ. FT/A)	102.5	87.9	97.3	95.4	62.8	81.7
LIVE TOTAL VOLUME (CU. FT/A)	2215	1769	1923	1894	1294	1778
CROWN COMPETITION FACTOR	107	109	114	104	75	94
RELATIVE DENSITY INDEX	32.5	30.7	32.8	29.5	20.9	24.9
MEAN DIAMETER (IN)	9.9	8.2	8.8	10.5	9.1	10.7
SITE HEIGHT (FEET)	56.1	57.9	57.0	54.8	53.4	61.5
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.2	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 203 LAPPINWELL CREEK #2
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T16N R4E SECTION 29 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	200 #	400 #	CCNT	CONT	400 #	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 69					
LIVE TREES PER ACRE	170	130	180	120	190	200
LIVE BASAL AREA (SQ. FT/A)	98.4	85.1	106.0	88.3	102.9	123.4
LIVE TOTAL VOLUME (CU. FT/A)	2048	2316	2851	2126	2465	2969
CROWN COMPETITION FACTOR	106	96	119	88	122	127
RELATIVE DENSITY INDEX	30.7	25.7	32.9	25.9	32.6	37.8
MEAN DIAMETER (IN)	10.3	11.0	10.4	11.6	10.0	10.6
SITE HEIGHT (FEET)	58.6	75.2	78.6	68.8	70.7	70.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	73.7	92.9	77.0	68.5	85.8	74.1
GRAND FIR	0.0	7.1	8.7	7.8	14.2	0.0
WESTERN LARCH	0.0	0.0	14.3	0.0	0.0	0.0
PONDEROSA PINE	26.3	0.0	0.0	23.6	0.0	25.9
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	170	130	180	120	190	200
LIVE BASAL AREA (SQ. FT/A)	105.1	91.7	111.6	93.8	111.2	134.1
CROWN COMPETITION FACTOR	111	102	124	93	129	135
RELATIVE DENSITY INDEX	32.2	27.2	34.2	27.1	34.6	40.3
MEAN DIAMETER (IN)	10.6	11.4	10.7	12.0	10.4	11.1
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	170	130	180	113	190	200
LIVE BASAL AREA (SQ. FT/A)	111.8	97.5	118.7	98.2	117.5	143.1
LIVE TOTAL VOLUME (CU. FT/A)	2463	2729	3330	2549	2927	3677
CROWN COMPETITION FACTOR	117	107	130	95	135	142
RELATIVE DENSITY INDEX	33.7	28.5	35.8	27.7	36.0	42.3
MEAN DIAMETER (IN)	11.0	11.7	11.0	12.6	10.6	11.5
SITE HEIGHT (FEET)	62.0	78.2	81.9	73.7	74.4	74.7
DEAD TREES PER ACRE	0.0	0.0	0.0	0.7	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.9	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.8	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	1.6	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	170	130	180	113	190	200
LIVE BASAL AREA (SQ. FT/A)	117.1	103.7	122.6	102.4	122.0	150.4
LIVE TOTAL VOLUME (CU. FT/A)	2653	2946	3516	2730	3066	3962
CROWN COMPETITION FACTOR	121	111	133	99	139	148
RELATIVE DENSITY INDEX	34.9	29.8	36.7	28.6	37.0	43.9
MEAN DIAMETER (IN)	11.2	12.1	11.2	12.9	10.9	11.7
SITE HEIGHT (FEET)	64.2	79.9	83.8	75.5	76.1	76.5
DEAD TREES PER ACRE	0.0	0.0	0.0	0.7	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.9	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.8	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	1.6	0.0

PLOT SUMMARY REPORT

INSTALLATION 204 JOHNSON'S HILL #1
 REGION: NORTHERN IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T37N R3E SECTION 4 MERIDIAN: BOISE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	400 #	CONT	200 #	CONT	400 #	200 #
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 41					
LIVE TREES PER ACRE	260	250	280	250	180	210
LIVE BASAL AREA (SQ. FT/A)	121.2	118.4	121.3	101.7	80.4	83.0
LIVE TOTAL VOLUME (CU. FT/A)	2943	2839	2965	2291	2012	1965
CROWN COMPETITION FACTOR	147	144	157	126	107	108
RELATIVE DENSITY INDEX	39.9	38.8	40.6	34.6	26.7	28.5
MEAN DIAMETER (IN)	9.2	9.3	8.9	8.6	9.1	8.5
SITE HEIGHT (FEET)	70.6	67.5	69.5	64.7	67.5	63.7
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	92.7	94.3	78.4	100.0	74.7	81.1
GRAND FIR	7.3	5.7	21.6	0.0	25.3	18.9
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	260	250	270	250	180	210
LIVE BASAL AREA (SQ. FT/A)	139.6	129.0	136.5	114.0	94.0	95.9
CROWN COMPETITION FACTOR	164	154	172	138	120	123
RELATIVE DENSITY INDEX	44.3	41.4	44.0	37.7	30.1	31.7
MEAN DIAMETER (IN)	9.9	9.7	9.6	9.1	9.8	9.2
DEAD TREES PER ACRE	0.0	0.0	1.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	1.7	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	250	230	260	250	170	190
LIVE BASAL AREA (SQ. FT/A)	153.3	124.7	147.9	125.9	104.7	99.5
LIVE TOTAL VOLUME (CU. FT/A)	4043	3164	3998	3075	2925	2616
CROWN COMPETITION FACTOR	177	150	182	149	131	125
RELATIVE DENSITY INDEX	47.1	39.5	46.3	40.6	32.1	31.8
MEAN DIAMETER (IN)	10.6	10.0	10.2	9.6	10.6	9.8
SITE HEIGHT (FEET)	78.1	68.8	75.3	71.1	74.3	69.9
DEAD TREES PER ACRE	10	20	20	0	10	20
DEAD BASAL AREA (SQ. FT/A)	2.7	13.6	4.4	0.0	2.3	7.7
DEAD TOTAL VOLUME (CU. FT/A)	55	339	85	0	52	159
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	230	230	250	250	170	180
LIVE BASAL AREA (SQ. FT/A)	157.0	133.5	155.0	136.9	117.3	106.3
LIVE TOTAL VOLUME (CU. FT/A)	4327	3472	4395	3454	3393	2918
CROWN COMPETITION FACTOR	177	160	186	159	129	129
RELATIVE DENSITY INDEX	46.9	41.6	47.5	43.3	35.0	32.9
MEAN DIAMETER (IN)	11.2	10.3	10.7	10.0	11.2	10.4
SITE HEIGHT (FEET)	80.9	70.0	78.6	73.7	77.5	74.0
DEAD TREES PER ACRE	30	20	30	0	10	30
DEAD BASAL AREA (SQ. FT/A)	11.8	13.6	9.1	0.0	2.3	11.2
DEAD TOTAL VOLUME (CU. FT/A)	247	339	188	0	52	237
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 205 JOHNSON'S MILL #2
 REGION: NORTHERN IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T37N R3E SECTION 4 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CONT	400 #	200 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 41					
LIVE TREES PER ACRE	240	220	190	210	270	250
LIVE BASAL AREA (SQ. FT/A)	143.4	120.6	106.5	80.4	121.1	98.0
LIVE TOTAL VOLUME (CU. FT/A)	3949	3283	2640	1771	3102	2380
CROWN COMPETITION FACTOR	172	146	129	105	150	113
RELATIVE DENSITY INDEX	44.3	38.1	33.4	27.8	40.2	33.7
MEAN DIAMETER (IN)	10.5	10.0	10.1	8.4	9.1	8.5
SITE HEIGHT (FEET)	71.7	73.2	70.9	61.9	70.3	66.2
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	65.2	86.5	87.3	84.7	74.3	65.2
GRAND FIR	22.0	13.5	12.7	15.3	14.6	3.8
WESTERN RED CEDAR	12.8	0.0	0.0	0.0	0.0	0.0
WESTERN LARCH	0.0	0.0	0.0	0.0	8.2	13.2
LODGPOLE PINE	0.0	0.0	0.0	0.0	0.0	15.3
WESTERN WHITE PINE	0.0	0.0	0.0	0.0	3.0	2.5
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	240	220	190	200	270	250
LIVE BASAL AREA (SQ. FT/A)	161.0	135.3	118.2	89.3	136.9	106.2
CROWN COMPETITION FACTOR	191	160	141	110	165	122
RELATIVE DENSITY INDEX	48.4	41.5	36.2	29.7	44.1	35.7
MEAN DIAMETER (IN)	11.1	10.6	10.7	9.0	9.6	8.8
DEAD TREES PER ACRE	0	0	0	10	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	4.4	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	240	220	190	200	270	240
LIVE BASAL AREA (SQ. FT/A)	176.9	148.0	129.6	101.6	150.0	110.4
LIVE TOTAL VOLUME (CU. FT/A)	5356	4474	3513	2461	4203	2905
CROWN COMPETITION FACTOR	204	174	151	123	177	126
RELATIVE DENSITY INDEX	51.9	44.4	38.7	32.7	47.2	36.4
MEAN DIAMETER (IN)	11.6	11.1	11.2	9.6	10.1	9.2
SITE HEIGHT (FEET)	79.0	81.0	76.5	70.4	77.8	72.3
DEAD TREES PER ACRE	0	0	0	10	0	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	4.4	0.0	2.5
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	113	0	63
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	240	220	190	190	250	210
LIVE BASAL AREA (SQ. FT/A)	191.0	159.2	140.7	108.2	154.4	110.5
LIVE TOTAL VOLUME (CU. FT/A)	6008	4983	3947	2736	4501	3067
CROWN COMPETITION FACTOR	217	183	161	129	160	123
RELATIVE DENSITY INDEX	55.0	46.9	41.2	33.8	47.3	35.3
MEAN DIAMETER (IN)	12.1	11.5	11.7	10.2	10.6	9.8
SITE HEIGHT (FEET)	82.2	85.5	79.1	73.4	80.8	74.8
DEAD TREES PER ACRE	0	0	0	20	20	40
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	7.1	7.1	11.2
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	172	179	236
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 206 CARIBEL
 REGION: NORTHERN IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T34N R4E SECTION 36 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	200 #	CONT	400 #	400 #	200 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 46					
LIVE TREES PER ACRE	230	210	190	370	310	250
LIVE BASAL AREA (SQ. FT/A)	148.1	119.3	124.2	207.1	157.9	157.7
LIVE TOTAL VOLUME (CU. FT/A)	4048	3066	3150	5535	3941	4332
CROWN COMPETITION FACTOR	153	140	137	241	164	179
RELATIVE DENSITY INDEX	44.9	37.4	37.5	65.1	50.8	48.1
MEAN DIAMETER (IN)	10.9	10.2	10.9	10.1	9.7	10.8
SITE HEIGHT (FEET)	82.7	72.5	72.0	75.9	72.1	80.5
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	68.1	88.2	94.3	71.8	82.4	59.6
GRAND FIR	1.1	11.2	0.0	17.2	5.6	14.6
WESTERN RED CEDAR	8.5	0.6	0.0	6.7	8.2	2.8
WESTERN LARCH	19.3	0.0	5.7	4.4	3.8	17.2
PONDEROSA PINE	3.1	0.0	0.0	0.0	0.0	5.8
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	230	210	190	370	310	250
LIVE BASAL AREA (SQ. FT/A)	160.3	129.4	134.3	224.6	173.3	168.3
CROWN COMPETITION FACTOR	163	149	145	258	198	189
RELATIVE DENSITY INDEX	47.7	39.7	39.8	69.1	54.5	50.5
MEAN DIAMETER (IN)	11.3	10.6	11.4	10.5	10.1	11.1
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	230	210	180	370	310	240
LIVE BASAL AREA (SQ. FT/A)	170.3	137.9	140.6	239.4	186.0	173.6
LIVE TOTAL VOLUME (CU. FT/A)	5035	3840	3904	6978	5063	5201
CROWN COMPETITION FACTOR	173	156	149	267	209	191
RELATIVE DENSITY INDEX	49.9	41.6	40.6	72.6	57.4	51.2
MEAN DIAMETER (IN)	11.7	11.0	12.0	10.9	10.5	11.5
SITE HEIGHT (FEET)	90.6	78.7	78.8	82.9	80.6	87.4
DEAD TREES PER ACRE	0	0	10	0	0	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	1.7	0.0	0.0	3.4
DEAD TOTAL VOLUME (CU. FT/A)	0	0	42	0	0	95
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	230	210	180	370	310	240
LIVE BASAL AREA (SQ. FT/A)	181.0	147.6	149.1	255.4	198.0	186.8
LIVE TOTAL VOLUME (CU. FT/A)	5532	4267	4285	7713	5593	5817
CROWN COMPETITION FACTOR	181	165	157	281	219	205
RELATIVE DENSITY INDEX	52.2	43.8	42.5	76.1	60.2	54.0
MEAN DIAMETER (IN)	12.0	11.4	12.3	11.2	10.8	11.9
SITE HEIGHT (FEET)	94.2	81.8	81.9	86.0	84.7	91.0
DEAD TREES PER ACRE	0	0	10	0	0	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	1.7	0.0	0.0	3.4
DEAD TOTAL VOLUME (CU. FT/A)	0	0	42	0	0	95
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 207 WAHA
 REGION: NORTHEAST OREGON OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T33N R4W SECTION 10 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CONT	400 #	CONT	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 55					
LIVE TREES PER ACRE	350	260	220	260	290	280
LIVE BASAL AREA (SQ. FT/A)	197.7	167.7	121.9	136.4	172.0	145.0
LIVE TOTAL VOLUME (CU. FT/A)	4928	4472	2925	3242	4762	3657
CROWN COMPETITION FACTOR	200	173	132	153	177	171
RELATIVE DENSITY INDEX	62.0	50.9	38.4	43.6	53.3	46.5
MEAN DIAMETER (IN)	10.2	10.9	10.1	9.8	10.4	9.7
SITE HEIGHT (FEET)	67.0	78.6	65.1	66.6	73.8	68.8
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	52.0	59.4	70.7	82.5	48.5	94.9
GRAND FIR	0.0	5.5	0.0	0.0	7.0	0.0
WESTERN LARCH	11.3	11.0	0.0	0.0	0.0	0.0
PONDEROSA PINE	36.7	24.1	29.3	17.5	44.5	5.1
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	310	260	220	260	260	260
LIVE BASAL AREA (SQ. FT/A)	184.4	179.2	128.8	146.4	165.9	144.8
CROWN COMPETITION FACTOR	189	182	139	162	170	168
RELATIVE DENSITY INDEX	57.1	53.4	40.0	45.9	50.4	45.6
MEAN DIAMETER (IN)	10.4	11.2	10.4	10.2	10.8	10.1
DEAD TREES PER ACRE	40	0	0	0	30	20
DEAD BASAL AREA (SQ. FT/A)	21.7	0.0	0.0	0.0	13.0	9.7
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	290	260	210	260	260	250
LIVE BASAL AREA (SQ. FT/A)	183.9	191.2	132.1	155.3	173.5	147.0
LIVE TOTAL VOLUME (CU. FT/A)	4899	5572	3471	3988	5105	3883
CROWN COMPETITION FACTOR	187	192	141	169	176	167
RELATIVE DENSITY INDEX	56.0	56.1	40.3	48.0	52.2	45.6
MEAN DIAMETER (IN)	10.8	11.6	10.7	10.5	11.1	10.4
SITE HEIGHT (FEET)	74.2	86.1	71.2	73.0	79.4	72.6
DEAD TREES PER ACRE	60	0	10	0	30	30
DEAD BASAL AREA (SQ. FT/A)	31.9	0.0	3.3	0.0	13.0	16.0
DEAD TOTAL VOLUME (CU. FT/A)	887	0	57	0	339	423
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	240	240	180	240	240	240
LIVE BASAL AREA (SQ. FT/A)	168.3	180.2	118.8	150.0	171.7	149.1
LIVE TOTAL VOLUME (CU. FT/A)	4573	5272	3183	3922	5154	4013
CROWN COMPETITION FACTOR	174	183	130	164	174	167
RELATIVE DENSITY INDEX	50.0	52.6	35.8	45.8	50.7	45.6
MEAN DIAMETER (IN)	11.3	11.7	11.0	10.7	11.5	10.7
SITE HEIGHT (FEET)	77.7	85.1	74.8	75.0	81.2	74.2
DEAD TREES PER ACRE	110	20	40	20	50	40
DEAD BASAL AREA (SQ. FT/A)	54.3	19.1	21.4	12.1	19.7	19.5
DEAD TOTAL VOLUME (CU. FT/A)	1496	639	547	333	531	511
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 208 LOVELL VALLEY ROAD
 REGION: NORTHERN IDAHO OWNERSHIP: PCTLATCH
 LEGAL DESCRIPTION: T46N R5W SECTION 25 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	400 #	200 #	400 #	200 #	CONT
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
STAND AGE =	88					
LIVE TREES PER ACRE	100	120	150	130	210	190
LIVE BASAL AREA (SQ. FT/A)	155.9	207.3	216.4	167.8	209.1	175.5
LIVE TOTAL VOLUME (CU. FT/A)	5708	7884	7666	5675	7005	5357
CROWN COMPETITION FACTOR	139	180	191	157	206	179
RELATIVE DENSITY INDEX	37.9	49.1	53.7	42.8	56.9	48.6
MEAN DIAMETER (IN)	16.9	17.8	16.3	15.4	13.5	13.0
SITE HEIGHT (FEET)	106.2	114.4	103.3	100.2	99.7	90.6
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	89.9	100.0	94.6	94.4
GRAND FIR	0.0	0.0	0.0	0.0	0.0	5.6
PACHYDEROSA PINE	0.0	0.0	10.1	0.0	5.4	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	100	120	150	130	210	190
LIVE BASAL AREA (SQ. FT/A)	162.1	215.1	225.0	173.4	217.1	182.5
CROWN COMPETITION FACTOR	143	186	196	161	211	184
RELATIVE DENSITY INDEX	39.0	50.5	55.2	43.8	58.5	50.1
MEAN DIAMETER (IN)	17.2	18.1	16.6	15.6	13.8	13.3
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	100	120	150	120	210	190
LIVE BASAL AREA (SQ. FT/A)	167.2	221.3	232.8	174.7	224.2	188.9
LIVE TOTAL VOLUME (CU. FT/A)	6253	8627	8508	6003	7721	5918
CROWN COMPETITION FACTOR	147	190	201	159	216	188
RELATIVE DENSITY INDEX	40.0	51.6	56.7	43.2	59.9	51.4
MEAN DIAMETER (IN)	17.5	18.4	16.9	16.3	14.0	13.5
SITE HEIGHT (FEET)	109.2	117.8	107.0	102.4	102.8	94.0
DEAD TREES PER ACRE	0	0	0	10	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	3.9	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	111	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	90	120	150	120	210	180
LIVE BASAL AREA (SQ. FT/A)	170.5	229.2	240.9	181.1	231.9	195.0
LIVE TOTAL VOLUME (CU. FT/A)	6540	9074	8953	6275	8098	6238
CROWN COMPETITION FACTOR	146	195	207	164	221	191
RELATIVE DENSITY INDEX	39.5	53.0	58.1	44.4	61.5	51.9
MEAN DIAMETER (IN)	18.6	18.7	17.2	16.6	14.2	14.1
SITE HEIGHT (FEET)	111.5	120.0	109.2	103.7	104.4	95.9
DEAD TREES PER ACRE	10	0	0	10	0	10
DEAD BASAL AREA (SQ. FT/A)	4.0	0.0	0.0	3.9	0.0	2.0
DEAD TOTAL VOLUME (CU. FT/A)	114	0	0	111	0	50
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 209 ADDEY
 REGION: NORTHEAST WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T34N R38E SECTION 27 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1 200 #	2 CCNT	3 400 #	4 CONT	5 400 #	6 200 #
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
STAND AGE =	68					
LIVE TREES PER ACRE	170	150	190	230	210	140
LIVE BASAL AREA (SQ. FT/A)	182.6	121.7	124.3	150.5	158.7	120.9
LIVE TOTAL VOLUME (CU. FT/A)	6233	3840	3466	4442	4743	3769
CROWN COMPETITION FACTOR	182	130	143	172	174	124
RELATIVE DENSITY INDEX	48.7	34.9	37.6	45.5	46.3	34.1
MEAN DIAMETER (IN)	14.0	12.2	11.0	11.0	11.8	12.6
SITE HEIGHT (FEET)	102.3	92.4	78.8	82.7	85.9	91.7
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	100.0	100.0	100.0	94.1
WESTERN LARCH	0.0	0.0	0.0	0.0	0.0	5.9
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	170	150	190	230	210	140
LIVE BASAL AREA (SQ. FT/A)	192.4	127.3	132.0	157.1	167.1	129.0
CROWN COMPETITION FACTOR	189	135	150	180	183	131
RELATIVE DENSITY INDEX	50.7	36.0	39.3	47.0	48.1	35.8
MEAN DIAMETER (IN)	14.4	12.5	11.3	11.2	12.1	13.0
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	170	140	190	230	210	140
LIVE BASAL AREA (SQ. FT/A)	201.7	126.7	140.5	165.3	178.0	137.5
LIVE TOTAL VOLUME (CU. FT/A)	7221	4171	4150	5113	5652	4511
CROWN COMPETITION FACTOR	195	132	157	187	182	136
RELATIVE DENSITY INDEX	52.5	35.3	41.2	48.8	50.4	37.5
MEAN DIAMETER (IN)	14.7	12.9	11.6	11.5	12.5	13.4
SITE HEIGHT (FEET)	108.0	97.7	84.1	87.5	92.3	98.1
DEAD TREES PER ACRE	0	10	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	6.5	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	193	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	170	140	190	220	210	140
LIVE BASAL AREA (SQ. FT/A)	208.9	131.6	147.1	165.7	185.8	144.4
LIVE TOTAL VOLUME (CU. FT/A)	7641	4411	4439	5235	6038	4842
CROWN COMPETITION FACTOR	200	136	163	184	199	141
RELATIVE DENSITY INDEX	53.9	36.3	42.6	48.3	52.1	38.9
MEAN DIAMETER (IN)	15.0	13.1	11.9	11.7	12.7	13.8
SITE HEIGHT (FEET)	110.5	99.8	86.2	89.5	94.7	100.4
DEAD TREES PER ACRE	0	10	0	10	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	6.5	0.0	6.3	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	193	0.0	181	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 210 BOCK CREEK
 REGION: NORTHEAST WASHINGTON OWNERSHIP: INLAND EMPIRE
 LEGAL DESCRIPTION: T31N R43E SECTION 26 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	CONT	200 #	400 #
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
STAND AGE =	54					
LIVE TREES PER ACRE	270	340	260	220	290	250
LIVE BASAL AREA (SQ. FT/A)	132.8	168.8	146.4	133.0	139.0	139.7
LIVE TOTAL VOLUME (CU. FT/A)	2830	3635	3543	3442	3689	3671
CROWN COMPETITION FACTOR	148	182	154	150	157	159
RELATIVE DENSITY INDEX	43.1	54.7	45.9	41.0	45.4	43.9
MEAN DIAMETER (IN)	9.5	9.5	10.2	10.5	9.4	10.1
SITE HEIGHT (FEET)	60.5	62.5	70.6	72.0	77.0	77.6
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	80.2	74.9	75.2	97.8	82.1	94.2
WESTERN LARCH	0.0	0.0	0.0	2.2	2.5	3.1
LODGEPOLE PINE	0.0	0.0	3.9	0.0	12.1	2.7
PACIFIC SPRUCE	19.8	25.1	20.9	0.0	3.3	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	250	340	250	220	290	250
LIVE BASAL AREA (SQ. FT/A)	136.7	178.5	150.7	139.4	146.7	149.0
CROWN COMPETITION FACTOR	150	191	157	156	164	168
RELATIVE DENSITY INDEX	43.2	57.0	46.5	42.5	47.3	46.1
MEAN DIAMETER (IN)	10.0	9.8	10.5	10.8	9.6	10.5
DEAD TREES PER ACRE	20	0	10	0	0	0
DEAD BASAL AREA (SQ. FT/A)	1.2	0.0	3.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	250	310	230	220	270	210
LIVE BASAL AREA (SQ. FT/A)	143.5	179.5	148.5	145.4	147.4	140.4
LIVE TOTAL VOLUME (CU. FT/A)	3317	4214	3856	4000	4179	3950
CROWN COMPETITION FACTOR	155	191	154	160	163	156
RELATIVE DENSITY INDEX	44.8	55.9	45.0	43.8	46.6	42.2
MEAN DIAMETER (IN)	10.3	10.3	10.9	11.0	10.0	11.1
SITE HEIGHT (FEET)	65.6	68.8	76.8	77.7	82.4	83.7
DEAD TREES PER ACRE	20	30	30	0	20	40
DEAD BASAL AREA (SQ. FT/A)	1.2	9.5	11.8	0.0	5.9	15.9
DEAD TOTAL VOLUME (CU. FT/A)	11	183	293	0	138	394
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	2.7	4.0	1.8
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	250	310	210	220	270	190
LIVE BASAL AREA (SQ. FT/A)	148.7	188.2	142.8	151.3	154.2	142.6
LIVE TOTAL VOLUME (CU. FT/A)	3518	4533	3759	4245	4474	4117
CROWN COMPETITION FACTOR	159	198	148	165	168	156
RELATIVE DENSITY INDEX	46.0	57.9	42.7	45.2	48.2	41.6
MEAN DIAMETER (IN)	10.4	10.5	11.2	11.2	10.2	11.7
SITE HEIGHT (FEET)	67.0	70.7	79.1	78.9	84.7	86.2
DEAD TREES PER ACRE	20	30	50	0	20	60
DEAD BASAL AREA (SQ. FT/A)	1.2	9.5	23.3	0.0	5.9	21.3
DEAD TOTAL VOLUME (CU. FT/A)	11	183	629	0	138	538
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	2.9	4.2	1.9

PLCT SUMMARY REPORT

INSTALLATION 211 HEEL CREEK
 REGION: NORTHEAST WASHINGTON OWNERSHIP: INLAND EMPIRE
 LEGAL DESCRIPTION: T31N R43E SECTION 20 MERIDIAN: WILLAMETTE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	400 #	200 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 34					
LIVE TREES PER ACRE	460	490	470	410	480	520
LIVE BASAL AREA (SQ. FT/A)	166.0	171.9	152.7	182.3	176.8	181.9
LIVE TOTAL VOLUME (CU. FT/A)	3574	3813	3367	4266	3810	3884
CROWN COMPETITION FACTOR	205	212	187	212	210	223
RELATIVE DENSITY INDEX	58.2	60.7	55.0	60.8	61.7	64.3
MEAN DIAMETER (IN)	8.1	8.0	7.7	9.0	8.2	8.0
SITE HEIGHT (FEET)	65.7	64.4	64.5	69.7	66.6	60.8
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	99.2	98.3	90.9	94.9	86.1	97.2
GRAND FIR	0.0	0.0	0.0	0.0	2.5	0.0
WESTERN LARCH	0.0	1.7	0.0	0.0	0.0	0.0
LODGEPOLE PINE	0.0	0.0	0.0	1.4	0.0	0.0
WESTERN WHITE PINE	0.0	0.0	0.0	2.5	0.0	0.6
PONDEROSA PINE	0.8	0.0	9.1	1.1	11.5	2.2
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	460	490	460	390	460	520
LIVE BASAL AREA (SQ. FT/A)	178.3	190.4	166.5	199.2	194.1	199.5
CROWN COMPETITION FACTOR	217	229	203	227	227	239
RELATIVE DENSITY INDEX	61.4	65.5	58.3	64.0	66.2	68.9
MEAN DIAMETER (IN)	8.4	8.4	8.1	9.7	8.6	8.4
DEAD TREES PER ACRE	0	0	10	20	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	3.4	4.5	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	460	470	390	270	460	510
LIVE BASAL AREA (SQ. FT/A)	190.8	202.4	166.3	182.5	208.0	214.2
LIVE TOTAL VOLUME (CU. FT/A)	4435	4855	3971	4664	4972	4948
CROWN COMPETITION FACTOR	229	241	196	201	236	253
RELATIVE DENSITY INDEX	64.6	67.9	55.9	54.7	68.9	72.3
MEAN DIAMETER (IN)	8.7	8.9	8.8	11.1	9.1	8.8
SITE HEIGHT (FEET)	70.9	70.1	72.4	75.6	72.5	67.7
DEAD TREES PER ACRE	0	20	80	140	20	10
DEAD BASAL AREA (SQ. FT/A)	0.0	4.7	20.0	36.3	2.8	1.1
DEAD TOTAL VOLUME (CU. FT/A)	0	91	430	812	42	18
TOPKILL VOLUME (CU. FT/A)	1.4	1.8	2.1	0.0	1.6	1.9
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	450	430	380	260	450	500
LIVE BASAL AREA (SQ. FT/A)	200.9	206.8	176.8	191.3	220.9	227.3
LIVE TOTAL VOLUME (CU. FT/A)	4859	5128	4388	5089	5523	5467
CROWN COMPETITION FACTOR	238	241	205	206	246	265
RELATIVE DENSITY INDEX	66.8	67.5	58.2	56.1	71.7	75.2
MEAN DIAMETER (IN)	9.0	9.4	9.2	11.6	9.5	9.1
SITE HEIGHT (FEET)	74.0	73.3	75.6	78.8	75.6	70.8
DEAD TREES PER ACRE	10	60	90	150	30	20
DEAD BASAL AREA (SQ. FT/A)	1.3	13.1	22.6	40.7	3.7	2.3
DEAD TOTAL VOLUME (CU. FT/A)	24	316	480	914	55	38
TOPKILL VOLUME (CU. FT/A)	1.1	0.0	2.7	0.0	1.9	1.8

PLOT SUMMARY REPORT

INSTALLATION 212 SWAMP CREEK
 REGION: NORTHEAST OREGON
 LEGAL DESCRIPTION: T1N R45E SECTION 5

OWNERSHIP: ECISE CASCADE
 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CCNT	400 #	200 #	COST
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 71					
LIVE TREES PER ACRE	190	210	180	190	220	190
LIVE BASAL AREA (SQ. FT/A)	71.0	88.6	97.5	86.0	71.6	71.9
LIVE TOTAL VOLUME (CU. FT/A)	1618	2090	2349	1956	1532	1642
CROWN COMPETITION FACTOR	89	109	111	102	51	87
RELATIVE DENSITY INDEX	24.7	29.9	30.9	28.5	25.7	24.9
MEAN DIAMETER (IN)	8.3	8.8	10.0	9.1	7.7	8.3
SITE HEIGHT (FEET)	62.0	64.9	70.1	63.6	60.3	62.9
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	92.7	95.6	100.0	89.6
WESTERN LARCH	0.0	0.0	0.0	4.4	0.0	10.4
PONDEROSA PINE	0.0	0.0	7.3	0.0	0.0	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	190	210	180	190	220	190
LIVE BASAL AREA (SQ. FT/A)	78.2	95.6	102.5	93.7	81.0	78.6
CROWN COMPETITION FACTOR	95	115	116	109	101	95
RELATIVE DENSITY INDEX	26.5	31.6	32.1	30.4	28.3	26.6
MEAN DIAMETER (IN)	8.7	9.1	10.2	9.5	8.2	8.7
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	190	210	180	190	220	190
LIVE BASAL AREA (SQ. FT/A)	83.3	101.7	107.6	99.5	87.9	84.5
LIVE TOTAL VOLUME (CU. FT/A)	2011	2530	2739	2414	2005	2044
CROWN COMPETITION FACTOR	101	122	123	114	108	102
RELATIVE DENSITY INDEX	27.8	33.1	33.2	31.8	30.0	28.1
MEAN DIAMETER (IN)	9.0	9.4	10.5	9.8	8.6	9.0
SITE HEIGHT (FEET)	66.8	69.5	74.5	68.7	64.9	67.2
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	190	210	180	190	220	190
LIVE BASAL AREA (SQ. FT/A)	88.0	107.3	112.8	105.0	94.3	90.4
LIVE TOTAL VOLUME (CU. FT/A)	2167	2730	2920	2595	2213	2230
CROWN COMPETITION FACTOR	107	128	127	118	114	107
RELATIVE DENSITY INDEX	29.0	34.5	34.5	33.1	31.7	29.6
MEAN DIAMETER (IN)	9.2	9.7	10.7	10.1	8.9	9.3
SITE HEIGHT (FEET)	68.4	71.8	76.3	70.1	66.7	68.8
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 213 KANELA
 REGION: NORTHEAST OREGON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T2S R35E SECTION 3 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT 400 #	200 #	CONT 200 #	400 #		
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = .					
LIVE TREES PER ACRE	140	160	110	100	130	90
LIVE BASAL AREA (SQ. FT/A)	106.4	106.6	92.5	107.3	93.4	66.7
LIVE TOTAL VOLUME (CU. FT/A)	3515	3147	2897	3470	2734	1988
CROWN COMPETITION FACTOR	117	109	94	100	54	63
RELATIVE DENSITY INDEX	31.0	32.1	26.3	28.6	27.6	19.5
MEAN DIAMETER (IN)	11.8	11.1	12.4	14.0	11.5	11.7
SITE HEIGHT (FEET)	96.0	91.9	93.7	94.1	86.8	91.4
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	17.8	13.8	41.1	20.9	42.3	30.0
GRAND FIR	44.8	22.8	15.0	21.1	9.8	16.0
WESTERN LARCH	33.6	59.6	43.9	48.5	45.3	54.0
ENGELMANN SPRUCE	3.8	3.7	0.0	9.5	2.6	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	140	160	110	100	130	90
LIVE BASAL AREA (SQ. FT/A)	111.2	114.8	98.6	111.5	98.1	71.2
CROWN COMPETITION FACTOR	120	115	97	103	58	72
RELATIVE DENSITY INDEX	32.0	33.9	27.5	29.5	28.6	20.5
MEAN DIAMETER (IN)	12.1	11.5	12.8	14.3	11.8	12.0
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	120	150	110	100	100	80
LIVE BASAL AREA (SQ. FT/A)	102.6	116.3	105.1	115.6	76.2	66.6
LIVE TOTAL VOLUME (CU. FT/A)	3530	3566	3391	3837	2207	2021
CROWN COMPETITION FACTOR	110	114	102	107	60	67
RELATIVE DENSITY INDEX	29.0	33.7	28.9	30.3	22.2	19.0
MEAN DIAMETER (IN)	12.5	11.9	13.2	14.6	11.8	12.4
SITE HEIGHT (FEET)	95.8	95.4	97.1	96.6	81.1	95.3
DEAD TREES PER ACRE	20	10	0	0	30	10
DEAD BASAL AREA (SQ. FT/A)	13.8	5.6	0.0	0.0	26.6	8.5
DEAD TOTAL VOLUME (CU. FT/A)	408	164	0	0	837	265
TOPKILL VOLUME (CU. FT/A)	0.0	1.9	0.0	0.0	1.8	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	120	150	110	100	100	60
LIVE BASAL AREA (SQ. FT/A)	105.7	122.7	110.2	119.7	80.2	59.0
LIVE TOTAL VOLUME (CU. FT/A)	3654	3808	3606	4012	2347	1864
CROWN COMPETITION FACTOR	112	120	106	109	63	55
RELATIVE DENSITY INDEX	29.7	35.1	29.9	31.1	23.0	16.1
MEAN DIAMETER (IN)	12.7	12.2	13.6	14.8	12.1	13.4
SITE HEIGHT (FEET)	96.3	96.3	98.6	97.5	82.1	96.5
DEAD TREES PER ACRE	20	10	0	0	30	30
DEAD BASAL AREA (SQ. FT/A)	13.8	5.6	0.0	0.0	26.6	18.2
DEAD TOTAL VOLUME (CU. FT/A)	408	164	0	0	837	502
TOPKILL VOLUME (CU. FT/A)	0.0	2.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 214 FIFTEENSILE CREEK #1
 REGION: NORTHEAST WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T39N R37E SECTION 25 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	200 #	CONT	400 #	CONT	200 #	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 50					
LIVE TREES PER ACRE	220	170	260	160	190	210
LIVE BASAL AREA (SQ. FT/A)	65.5	89.6	112.0	93.5	97.2	92.3
LIVE TOTAL VOLUME (CU. FT/A)	1331	1960	2517	2056	2263	1983
CROWN COMPETITION FACTOR	84	108	137	108	117	113
RELATIVE DENSITY INDEX	24.1	28.6	37.6	29.1	31.2	30.8
MEAN DIAMETER (IN)	7.4	9.8	8.9	10.4	9.7	9.0
SITE HEIGHT (FEET)	56.6	62.6	65.5	63.8	65.2	59.5
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	94.9	97.5	100.0	91.4	100.0	100.0
GRAND FIR	0.0	2.5	0.0	4.9	0.0	0.0
WESTERN RED CEDAR	0.0	0.0	0.0	3.7	0.0	0.0
WESTERN LARCH	5.1	0.0	0.0	0.0	0.0	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	220	170	260	160	190	210
LIVE BASAL AREA (SQ. FT/A)	77.3	100.0	127.2	105.2	108.1	104.3
CROWN COMPETITION FACTOR	96	117	152	119	129	125
RELATIVE DENSITY INDEX	27.3	31.0	41.3	31.7	33.8	33.8
MEAN DIAMETER (IN)	8.0	10.4	9.5	11.0	10.2	9.5
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	220	170	260	160	190	210
LIVE BASAL AREA (SQ. FT/A)	88.0	110.8	143.0	116.2	119.8	117.4
LIVE TOTAL VOLUME (CU. FT/A)	1954	2649	3473	2811	3039	2750
CROWN COMPETITION FACTOR	108	125	167	128	139	138
RELATIVE DENSITY INDEX	30.1	33.5	45.1	34.2	36.5	36.9
MEAN DIAMETER (IN)	8.6	10.9	10.0	11.5	10.8	10.1
SITE HEIGHT (FEET)	63.3	69.0	71.7	71.0	71.0	65.8
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	220	170	260	160	190	210
LIVE BASAL AREA (SQ. FT/A)	96.0	119.8	155.2	125.9	128.0	126.9
LIVE TOTAL VOLUME (CU. FT/A)	2205	2969	3891	3156	3341	3065
CROWN COMPETITION FACTOR	115	134	177	137	147	147
RELATIVE DENSITY INDEX	32.1	35.5	48.0	36.3	38.4	39.1
MEAN DIAMETER (IN)	8.9	11.4	10.5	12.0	11.1	10.5
SITE HEIGHT (FEET)	65.8	71.8	74.4	73.7	73.4	68.2
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 215 FIFTEENMILE CREEK #2
 REGION: NORTHEAST WASHINGTON OWNERSHIP: EOISE CASCADE
 LEGAL DESCRIPTION: T39N R37E SECTION 25 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	200 #	400 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 51					
LIVE TREES PER ACRE	180	220	140	240	260	240
LIVE BASAL AREA (SQ. FT/A)	64.5	69.9	57.7	89.4	90.3	66.7
LIVE TOTAL VOLUME (CU. FT/A)	1305	1427	1208	1959	1970	1266
CROWN COMPETITION FACTOR	81	89	71	112	115	88
RELATIVE DENSITY INDEX	22.7	25.3	19.6	31.1	32.0	25.0
MEAN DIAMETER (IN)	8.1	7.6	8.7	8.3	8.0	7.1
SITE HEIGHT (FEET)	56.6	55.2	54.3	64.9	63.3	50.4
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	100.0	100.0	100.0	100.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	180	220	140	240	260	240
LIVE BASAL AREA (SQ. FT/A)	73.0	84.2	69.0	104.0	103.2	78.4
CROWN COMPETITION FACTOR	91	104	83	127	128	100
RELATIVE DENSITY INDEX	24.9	29.1	22.4	34.8	35.3	28.2
MEAN DIAMETER (IN)	8.6	8.4	9.5	8.9	8.5	7.7
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	180	220	140	240	260	240
LIVE BASAL AREA (SQ. FT/A)	82.3	97.2	80.4	118.3	116.5	89.6
LIVE TOTAL VOLUME (CU. FT/A)	1796	2147	1844	2795	2778	1876
CROWN COMPETITION FACTOR	100	118	97	143	141	112
RELATIVE DENSITY INDEX	27.2	32.4	25.1	38.4	38.7	31.1
MEAN DIAMETER (IN)	9.2	9.0	10.3	9.5	9.1	8.3
SITE HEIGHT (FEET)	61.9	61.3	61.4	71.0	69.9	57.8
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	180	220	140	240	260	240
LIVE BASAL AREA (SQ. FT/A)	89.8	105.7	88.7	129.5	126.2	98.5
LIVE TOTAL VOLUME (CU. FT/A)	2021	2393	2101	3145	3085	2135
CROWN COMPETITION FACTOR	108	131	104	155	152	122
RELATIVE DENSITY INDEX	29.0	34.5	27.0	41.1	41.1	33.4
MEAN DIAMETER (IN)	9.6	9.4	10.8	9.9	9.4	8.7
SITE HEIGHT (FEET)	64.2	63.2	63.8	70.6	72.1	60.4
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.4	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 216 SCHMIDT MEADOWS
 REGION: NORTHEAST WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T32N R38E SECTION 28 MERIDIAN: WILLAMETTE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	400 #	200 #	CONT
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 66					
LIVE TREES PER ACRE	320	230	250	320	270	290
LIVE BASAL AREA (SQ. FT/A)	154.5	138.7	153.7	135.1	117.8	157.4
LIVE TOTAL VOLUME (CU. FT/A)	4138	3610	4218	3494	3255	4097
CROWN COMPETITION FACTOR	182	153	170	162	144	173
RELATIVE DENSITY INDEX	50.4	42.8	47.2	45.5	39.4	49.8
MEAN DIAMETER (IN)	9.4	10.5	10.6	8.8	8.9	10.0
SITE HEIGHT (FEET)	75.1	70.7	72.3	71.8	78.4	75.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	90.1	74.0	78.9	88.6	98.0	84.8
WESTERN LARCH	0.0	13.6	0.0	2.4	2.0	5.8
PONDEROSA PINE	9.9	12.4	21.1	9.0	0.0	9.4
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	320	230	250	320	270	290
LIVE BASAL AREA (SQ. FT/A)	161.9	146.7	162.1	143.5	124.6	163.0
CROWN COMPETITION FACTOR	189	162	177	169	149	184
RELATIVE DENSITY INDEX	52.2	44.6	49.1	47.7	41.1	51.2
MEAN DIAMETER (IN)	9.6	10.8	10.9	9.1	9.2	10.2
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	300	220	230	310	240	270
LIVE BASAL AREA (SQ. FT/A)	164.0	148.6	160.4	148.1	123.8	162.9
LIVE TOTAL VOLUME (CU. FT/A)	4683	4221	4733	4068	3767	4505
CROWN COMPETITION FACTOR	190	160	173	174	145	182
RELATIVE DENSITY INDEX	51.8	44.5	47.7	48.4	39.7	50.2
MEAN DIAMETER (IN)	10.0	11.1	11.3	9.4	9.7	10.5
SITE HEIGHT (FEET)	81.1	77.4	79.1	77.4	84.6	81.7
DEAD TREES PER ACRE	20	10	20	10	30	20
DEAD BASAL AREA (SQ. FT/A)	6.4	6.2	10.3	5.1	7.9	7.7
DEAD TOTAL VOLUME (CU. FT/A)	200	162	283	142	202	212
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	1.8	0.0	0.0	1.2
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	300	220	230	310	230	260
LIVE BASAL AREA (SQ. FT/A)	171.9	155.6	167.8	156.3	127.8	165.5
LIVE TOTAL VOLUME (CU. FT/A)	5022	4556	5069	4415	3975	4699
CROWN COMPETITION FACTOR	197	167	180	182	148	182
RELATIVE DENSITY INDEX	53.7	46.1	49.3	50.4	40.2	50.3
MEAN DIAMETER (IN)	10.2	11.4	11.6	9.6	10.1	10.8
SITE HEIGHT (FEET)	83.1	80.0	80.9	79.9	86.9	83.8
DEAD TREES PER ACRE	20	10	20	10	40	30
DEAD BASAL AREA (SQ. FT/A)	6.4	6.2	10.3	5.1	10.6	12.1
DEAD TOTAL VOLUME (CU. FT/A)	200	162	283	142	267	321
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	1.9	0.0	0.0	1.3

PLCT SUMMARY REPORT

INSTALLATION 217 EMANUEL CREEK
 REGION: NORTHEAST WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T39N R33E SECTION 29 MERIDIAN: WILLAMETTE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	200 #	CCNT	400 #	400 #	COST	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 75					
LIVE TREES PER ACRE	270	260	120	230	250	180
LIVE BASAL AREA (SQ. FT/A)	115.8	121.8	102.5	121.2	142.9	77.6
LIVE TOTAL VOLUME (CU. FT/A)	2650	2989	2884	2935	3456	1739
CROWN COMPETITION FACTOR	140	144	109	143	162	94
RELATIVE DENSITY INDEX	38.9	40.0	29.0	38.7	44.7	26.0
MEAN DIAMETER (IN)	8.9	9.3	12.5	9.8	10.2	8.9
SITE HEIGHT (FEET)	67.2	72.9	81.1	67.1	72.8	62.6
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	96.1	92.5	100.0	100.0	100.0	93.6
WESTERN LARCH	3.9	7.5	0.0	0.0	0.0	6.4
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	270	260	120	230	250	180
LIVE BASAL AREA (SQ. FT/A)	127.2	130.3	111.2	135.1	151.1	86.3
CROWN COMPETITION FACTOR	151	151	116	156	170	102
RELATIVE DENSITY INDEX	41.7	42.1	30.8	41.9	46.6	28.2
MEAN DIAMETER (IN)	9.3	9.6	13.0	10.4	10.5	9.4
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	270	260	120	230	250	170
LIVE BASAL AREA (SQ. FT/A)	136.0	137.2	117.4	145.4	158.1	91.4
LIVE TOTAL VOLUME (CU. FT/A)	3327	3564	3524	3738	4049	2198
CROWN COMPETITION FACTOR	161	159	120	165	176	108
RELATIVE DENSITY INDEX	43.9	43.7	32.1	44.3	48.2	29.0
MEAN DIAMETER (IN)	9.6	9.8	13.4	10.8	10.8	9.9
SITE HEIGHT (FEET)	72.9	76.9	87.2	72.2	77.4	68.2
DEAD TREES PER ACRE	0	0	0	0	0	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	1.4
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	28
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	260	260	120	230	250	170
LIVE BASAL AREA (SQ. FT/A)	142.1	144.0	123.8	154.5	165.5	99.1
LIVE TOTAL VOLUME (CU. FT/A)	3605	3825	3814	4098	4338	2460
CROWN COMPETITION FACTOR	165	164	125	173	182	115
RELATIVE DENSITY INDEX	44.9	45.4	33.4	46.4	49.9	30.8
MEAN DIAMETER (IN)	10.0	10.1	13.8	11.1	11.0	10.3
SITE HEIGHT (FEET)	75.7	78.7	89.8	75.1	79.3	70.6
DEAD TREES PER ACRE	10	0	0	0	0	10
DEAD BASAL AREA (SQ. FT/A)	1.4	0.0	0.0	0.0	0.0	1.4
DEAD TOTAL VOLUME (CU. FT/A)	21	0	0	0	0	28
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 218 SECOND CREEK
 REGION: NORTHEAST WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T39N R34E SECTION 13 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CONT	200 #	400 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 100					
LIVE TREES PER ACRE	150	170	170	130	120	170
LIVE BASAL AREA (SQ. FT/A)	32.2	102.7	92.0	90.5	79.8	111.0
LIVE TOTAL VOLUME (CU. FT/A)	2215	2426	1924	2276	1853	2747
CROWN COMPETITION FACTOR	102	120	109	101	50	124
RELATIVE DENSITY INDEX	28.3	31.7	29.1	26.9	24.0	33.5
MEAN DIAMETER (IN)	10.6	10.5	10.0	11.3	11.0	10.9
SITE HEIGHT (FEET)	69.8	64.0	57.6	72.3	66.8	70.7
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-PIR	95.6	100.0	100.0	100.0	100.0	95.2
WESTERN LARCH	4.4	0.0	0.0	0.0	0.0	4.8
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	150	170	170	130	120	170
LIVE BASAL AREA (SQ. FT/A)	103.0	113.4	100.6	98.3	89.0	122.2
CROWN COMPETITION FACTOR	112	132	118	109	100	134
RELATIVE DENSITY INDEX	30.8	34.1	31.2	28.6	26.1	36.1
MEAN DIAMETER (IN)	11.2	11.1	10.4	11.8	11.7	11.5
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	150	170	170	130	120	170
LIVE BASAL AREA (SQ. FT/A)	112.3	123.0	109.2	105.1	97.3	131.5
LIVE TOTAL VOLUME (CU. FT/A)	2851	3036	2394	2729	2406	3407
CROWN COMPETITION FACTOR	122	140	124	114	106	142
RELATIVE DENSITY INDEX	32.8	36.2	33.1	30.1	27.9	38.1
MEAN DIAMETER (IN)	11.7	11.5	10.9	12.2	12.2	11.9
SITE HEIGHT (FEET)	75.5	67.7	61.2	74.8	70.5	75.0
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	150	170	170	130	120	170
LIVE BASAL AREA (SQ. FT/A)	120.6	129.9	115.7	111.0	103.6	140.2
LIVE TOTAL VOLUME (CU. FT/A)	3124	3253	2576	2936	2606	3689
CROWN COMPETITION FACTOR	129	146	129	120	111	149
RELATIVE DENSITY INDEX	34.6	37.7	34.6	31.4	29.7	40.0
MEAN DIAMETER (IN)	12.1	11.8	11.2	12.5	12.6	12.3
SITE HEIGHT (FEET)	77.7	68.8	62.6	76.7	71.9	76.4
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 219 LITTLE SALMON
 REGION: CENTRAL IDAHO COWNEESHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T18N R1E SECTION 13 MERIDIAN: BOISE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CCNT	400 #	COST	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
STAND AGE =	67					
LIVE TREES PER ACRE	240	170	290	270	220	270
LIVE BASAL AREA (SQ. FT/A)	143.0	109.6	142.7	137.1	96.7	140.0
LIVE TOTAL VOLUME (CU. FT/A)	3699	2648	3456	3015	1987	2717
CROWN COMPETITION FACTOR	150	118	168	138	112	142
RELATIVE DENSITY INDEX	44.2	33.2	46.3	44.1	32.3	44.8
MEAN DIAMETER (IN)	10.5	10.9	9.5	9.6	9.0	3.7
SITE HEIGHT (FEET)	73.3	68.4	71.3	60.6	55.3	57.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	77.1	82.8	94.4	43.6	83.3	60.2
PONDEROSA PINE	22.9	17.2	5.6	56.4	16.7	39.8
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	240	170	290	270	220	270
LIVE BASAL AREA (SQ. FT/A)	155.4	121.6	151.5	150.1	102.7	149.4
CROWN COMPETITION FACTOR	161	127	177	150	119	149
RELATIVE DENSITY INDEX	47.1	35.9	48.4	47.2	33.8	47.1
MEAN DIAMETER (IN)	10.9	11.4	9.8	10.1	9.3	10.1
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	240	170	290	270	220	270
LIVE BASAL AREA (SQ. FT/A)	165.8	130.2	160.0	161.6	109.0	159.4
LIVE TOTAL VOLUME (CU. FT/A)	4501	3360	4064	3766	2391	3354
CROWN COMPETITION FACTOR	169	135	186	159	125	156
RELATIVE DENSITY INDEX	49.4	37.8	50.5	49.9	35.3	49.4
MEAN DIAMETER (IN)	11.3	11.9	10.1	10.5	9.5	10.4
SITE HEIGHT (FEET)	77.4	72.7	75.2	63.7	59.7	61.9
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	240	170	290	270	220	260
LIVE BASAL AREA (SQ. FT/A)	174.2	137.8	167.2	172.7	114.3	154.9
LIVE TOTAL VOLUME (CU. FT/A)	4832	3641	4338	4134	2576	3576
CROWN COMPETITION FACTOR	176	140	192	168	130	159
RELATIVE DENSITY INDEX	51.3	39.5	52.4	52.5	36.6	50.2
MEAN DIAMETER (IN)	11.5	12.2	10.3	10.8	9.8	10.8
SITE HEIGHT (FEET)	79.1	74.5	76.9	65.3	61.6	63.7
DEAD TREES PER ACRE	0	0	0	0	0	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	3.4
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	62
TOPKILL VOLUME (CU. FT/A)	1.4	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 220 GROUSE CREEK
 REGION: CENTRAL IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T16N R4E SECTION 36 MERIDIAN: BOISE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	400 #	CONT	400 #	200 #	CONT	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 89					
LIVE TREES PER ACRE	340	240	300	190	310	230
LIVE BASAL AREA (SQ. FT/A)	110.6	104.1	85.7	84.9	125.7	117.7
LIVE TOTAL VOLUME (CU. FT/A)	2441	2509	1663	1936	3161	3325
CROWN COMPETITION FACTOR	139	128	109	101	163	140
RELATIVE DENSITY INDEX	39.8	34.9	31.8	28.2	42.8	37.9
MEAN DIAMETER (IN)	7.7	8.9	7.2	9.1	8.6	9.7
SITE HEIGHT (FEET)	59.8	72.7	53.4	65.3	76.6	78.4
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	95.6	97.3	96.5	90.9	61.6	90.0
GRAND FIR	0.0	2.7	0.0	3.2	31.6	10.0
WESTERN LARCH	0.0	0.0	0.0	0.0	6.9	0.0
LODGEPOLE PINE	3.1	0.0	0.0	0.0	0.0	0.0
PONDEROSA PINE	1.3	0.0	3.5	5.9	0.0	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	340	240	300	190	300	220
LIVE BASAL AREA (SQ. FT/A)	119.2	109.8	91.8	92.6	126.9	120.3
CROWN COMPETITION FACTOR	148	134	115	110	161	141
RELATIVE DENSITY INDEX	42.1	36.3	33.5	30.1	42.8	38.0
MEAN DIAMETER (IN)	8.0	9.2	7.5	9.5	8.8	10.0
DEAD TREES PER ACRE	0	0	0	0	10	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	3.1	2.7
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	330	240	300	190	300	220
LIVE BASAL AREA (SQ. FT/A)	125.9	116.6	97.1	99.5	131.5	126.7
LIVE TOTAL VOLUME (CU. FT/A)	2872	2853	1950	2370	3333	3627
CROWN COMPETITION FACTOR	155	141	120	116	166	146
RELATIVE DENSITY INDEX	43.5	38.0	35.0	31.8	43.9	39.5
MEAN DIAMETER (IN)	8.4	9.4	7.7	9.8	9.0	10.3
SITE HEIGHT (FEET)	63.1	74.8	56.5	68.1	77.8	79.6
DEAD TREES PER ACRE	10	0	0	0	10	10
DEAD BASAL AREA (SQ. FT/A)	1.5	0.0	0.0	0.0	3.1	2.7
DEAD TOTAL VOLUME (CU. FT/A)	33	0	0	0	74	59
TOPKILL VOLUME (CU. FT/A)	0.7	0.0	0.0	0.0	2.4	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	330	240	300	190	250	220
LIVE BASAL AREA (SQ. FT/A)	132.2	123.3	101.4	105.5	135.1	132.5
LIVE TOTAL VOLUME (CU. FT/A)	3052	3030	2061	2566	3473	3814
CROWN COMPETITION FACTOR	161	146	124	120	169	151
RELATIVE DENSITY INDEX	45.2	39.6	36.1	33.2	44.4	40.9
MEAN DIAMETER (IN)	8.6	9.7	7.9	10.1	9.2	10.5
SITE HEIGHT (FEET)	64.2	75.5	57.7	69.5	78.4	80.3
DEAD TREES PER ACRE	10	0	0	0	20	10
DEAD BASAL AREA (SQ. FT/A)	1.5	0.0	0.0	0.0	5.7	2.7
DEAD TOTAL VOLUME (CU. FT/A)	33	0	0	0	112	59
TOPKILL VOLUME (CU. FT/A)	0.8	0.0	0.0	0.0	2.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 221 LITTLE MUD CREEK #1
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T20N R1E SECTION 33 MERIDIAN: BOISE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	200 #	CONT	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 82					
LIVE TREES PER ACRE	230	170	210	170	160	140
LIVE BASAL AREA (SQ. FT/A)	149.8	94.9	104.7	116.6	149.4	93.1
LIVE TOTAL VOLUME (CU. FT/A)	3969	2258	2226	2597	4245	2214
CROWN COMPETITION FACTOR	156	107	119	125	149	101
RELATIVE DENSITY INDEX	45.3	29.8	33.9	34.8	41.3	28.0
MEAN DIAMETER (IN)	10.9	10.1	9.6	11.2	13.1	11.0
SITE HEIGHT (FEET)	79.7	76.2	63.9	65.7	82.9	64.7
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	65.2	95.7	89.3	95.8	95.3	90.3
GRAND FIR	6.7	2.1	0.0	0.0	0.0	0.0
WESTERN LARCH	12.9	0.0	0.0	0.0	0.0	0.0
LODGEPOLE PINE	5.4	0.0	0.0	0.0	0.0	0.0
PONDEROSA PINE	7.1	2.2	10.7	4.2	4.7	9.7
ENGELMANN SPRUCE	2.8	0.0	0.0	0.0	0.0	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	220	170	210	170	160	140
LIVE BASAL AREA (SQ. FT/A)	150.8	103.0	111.6	125.4	157.2	98.7
CROWN COMPETITION FACTOR	157	115	126	133	156	106
RELATIVE DENSITY INDEX	45.0	31.7	35.5	36.8	42.9	29.3
MEAN DIAMETER (IN)	11.2	10.5	9.9	11.6	13.4	11.4
DEAD TREES PER ACRE	10	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	4.2	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	220	170	210	170	160	140
LIVE BASAL AREA (SQ. FT/A)	157.2	110.2	119.1	133.7	165.0	103.9
LIVE TOTAL VOLUME (CU. FT/A)	4317	2745	2671	3105	4834	2563
CROWN COMPETITION FACTOR	162	121	134	139	161	110
RELATIVE DENSITY INDEX	46.5	33.4	37.3	38.6	44.5	30.4
MEAN DIAMETER (IN)	11.4	10.9	10.2	12.0	13.8	11.7
SITE HEIGHT (FEET)	81.5	80.1	67.4	68.8	85.7	67.9
DEAD TREES PER ACRE	10	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	4.2	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	88	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	220	170	210	170	160	140
LIVE BASAL AREA (SQ. FT/A)	162.8	118.0	127.5	142.9	171.6	109.7
LIVE TOTAL VOLUME (CU. FT/A)	4543	3000	2937	3384	5105	2763
CROWN COMPETITION FACTOR	167	128	142	147	166	115
RELATIVE DENSITY INDEX	47.7	35.1	39.3	40.6	45.8	31.7
MEAN DIAMETER (IN)	11.6	11.3	10.6	12.4	14.0	12.0
SITE HEIGHT (FEET)	83.0	82.2	69.4	70.3	87.6	69.8
DEAD TREES PER ACRE	10	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	4.2	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	88	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 222 WEST HILL CREEK #1
 REGION: CENTRAL IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T18N R3W SECTION 36 MERIDIAN: BOLSE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	CONT	200 #	400 #	CONT	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 71					
LIVE TREES PER ACRE	580	380	250	280	400	240
LIVE BASAL AREA (SQ. FT/A)	161.5	118.4	119.7	138.8	168.1	125.3
LIVE TOTAL VOLUME (CU. FT/A)	3590	2607	2538	3770	3744	2622
CROWN COMPETITION FACTOR	208	149	146	157	198	137
RELATIVE DENSITY INDEX	60.4	43.1	39.1	45.0	56.7	40.1
MEAN DIAMETER (IN)	7.1	7.6	9.4	9.5	8.8	9.8
SITE HEIGHT (FEET)	59.5	60.8	59.3	77.8	63.0	65.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	94.2	90.6	100.0	82.2	85.9	87.1
GRAND FIR	0.0	0.0	0.0	4.6	0.0	0.0
PONDEROSA PINE	5.8	9.4	0.0	13.2	14.1	12.9
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	580	380	250	280	400	240
LIVE BASAL AREA (SQ. FT/A)	172.5	127.8	130.0	150.5	177.1	132.7
CROWN COMPETITION FACTOR	218	159	155	170	206	144
RELATIVE DENSITY INDEX	63.5	45.6	41.6	47.8	59.0	41.8
MEAN DIAMETER (IN)	7.4	7.9	9.8	9.9	9.0	10.1
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	580	380	250	280	400	240
LIVE BASAL AREA (SQ. FT/A)	182.0	137.5	138.5	161.1	187.0	139.1
LIVE TOTAL VOLUME (CU. FT/A)	4178	3215	3114	4544	4354	3023
CROWN COMPETITION FACTOR	229	168	162	180	216	150
RELATIVE DENSITY INDEX	66.1	48.2	43.6	50.3	61.5	43.3
MEAN DIAMETER (IN)	7.6	8.1	10.1	10.3	9.3	10.3
SITE HEIGHT (FEET)	62.4	65.7	64.0	81.2	65.3	67.9
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	570	380	250	280	400	240
LIVE BASAL AREA (SQ. FT/A)	186.9	143.9	144.5	170.1	192.5	142.8
LIVE TOTAL VOLUME (CU. FT/A)	4367	3435	3322	4900	4568	3152
CROWN COMPETITION FACTOR	233	174	169	187	221	153
RELATIVE DENSITY INDEX	67.1	49.8	45.0	52.3	62.8	44.2
MEAN DIAMETER (IN)	7.8	8.3	10.3	10.6	9.4	10.4
SITE HEIGHT (FEET)	63.8	67.4	66.0	83.3	66.5	69.0
DEAD TREES PER ACRE	10	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	1.3	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	27	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 223 WEST HILL CREEK #2
 REGION: CENTRAL IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T18N R3W SECTION 36 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT 200 #	400 #	200 #	CONT 400 #		
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 75					
LIVE TREES PER ACRE	260	250	250	250	180	160
LIVE BASAL AREA (SQ. FT/A)	107.9	91.3	115.4	117.7	136.6	93.7
LIVE TOTAL VOLUME (CU. FT/A)	2388	2025	2910	2835	3902	2187
CROWN COMPETITION FACTOR	123	114	125	127	147	109
RELATIVE DENSITY INDEX	36.5	31.9	38.0	38.6	39.8	30.3
MEAN DIAMETER (IN)	8.7	8.2	9.2	9.3	11.8	10.6
SITE HEIGHT (FEET)	64.1	61.2	70.5	66.7	85.6	66.0
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	85.5	94.8	58.3	67.5	94.2	94.4
GRAND FIR	0.0	0.0	4.7	0.0	0.0	0.0
PONDEROSA PINE	14.5	5.2	37.0	32.5	5.8	5.6
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	260	250	250	250	180	160
LIVE BASAL AREA (SQ. FT/A)	116.5	102.0	127.8	131.2	142.8	106.7
CROWN COMPETITION FACTOR	130	124	135	139	151	115
RELATIVE DENSITY INDEX	38.7	34.7	41.1	41.9	41.1	32.1
MEAN DIAMETER (IN)	9.1	8.6	9.7	9.8	12.1	11.1
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	260	250	250	250	180	160
LIVE BASAL AREA (SQ. FT/A)	125.3	110.8	138.8	144.0	149.5	112.7
LIVE TOTAL VOLUME (CU. FT/A)	2991	2624	3783	3716	4344	2634
CROWN COMPETITION FACTOR	137	134	145	152	157	119
RELATIVE DENSITY INDEX	40.9	36.9	43.7	44.9	42.6	33.4
MEAN DIAMETER (IN)	9.4	9.0	10.1	10.3	12.3	11.4
SITE HEIGHT (FEET)	69.2	66.8	76.5	72.1	87.4	70.3
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	260	250	250	250	180	150
LIVE BASAL AREA (SQ. FT/A)	133.0	117.5	147.3	153.0	154.2	113.4
LIVE TOTAL VOLUME (CU. FT/A)	3268	2854	4153	4072	4547	2710
CROWN COMPETITION FACTOR	144	140	152	159	160	118
RELATIVE DENSITY INDEX	42.7	38.6	45.7	47.0	43.6	33.1
MEAN DIAMETER (IN)	9.7	9.3	10.4	10.6	12.5	11.8
SITE HEIGHT (FEET)	71.2	69.0	79.1	74.7	88.7	72.0
DEAD TREES PER ACRE	0	0	0	0	0	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	3.6
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	89
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 224 KAISER BUTTE #1
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T6N R15E SECTION 20 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	CONT	200 #	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 74					
LIVE TREES PER ACRE	90	130	90	100	120	85
LIVE BASAL AREA (SQ. FT/A)	124.5	156.7	137.7	156.6	188.4	168.3
LIVE TOTAL VOLUME (CU. FT/A)	4376	5690	5316	5890	7051	6788
CROWN COMPETITION FACTOR	115	145	119	136	163	135
RELATIVE DENSITY INDEX	31.2	40.6	33.6	38.0	45.7	38.5
MEAN DIAMETER (IN)	15.9	14.9	16.7	16.9	17.0	19.1
SITE HEIGHT (FEET)	105.0	113.9	118.0	117.6	114.4	120.8
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	85.9	86.4	98.8	97.8	94.9	96.5
GRAND FIR	14.1	13.6	1.2	2.2	5.1	3.5
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	85	130	90	100	120	85
LIVE BASAL AREA (SQ. FT/A)	129.6	169.3	149.2	164.2	201.3	179.6
CROWN COMPETITION FACTOR	117	155	127	141	173	143
RELATIVE DENSITY INDEX	31.7	43.1	35.7	39.4	48.1	40.5
MEAN DIAMETER (IN)	16.7	15.5	17.4	17.3	17.5	19.7
DEAD TREES PER ACRE	5	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	3.1	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	85	125	90	100	120	85
LIVE BASAL AREA (SQ. FT/A)	138.1	180.2	160.9	173.1	215.1	190.9
LIVE TOTAL VOLUME (CU. FT/A)	4993	6711	6371	6677	8271	7823
CROWN COMPETITION FACTOR	122	161	134	147	182	151
RELATIVE DENSITY INDEX	33.2	44.7	37.8	41.0	50.5	42.4
MEAN DIAMETER (IN)	17.3	16.3	18.1	17.8	18.1	20.3
SITE HEIGHT (FEET)	108.3	117.9	122.6	121.4	118.7	124.6
DEAD TREES PER ACRE	5	5	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	3.1	1.7	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	81	51	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.5	0.0	0.5	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	85	125	90	100	120	85
LIVE BASAL AREA (SQ. FT/A)	147.2	192.5	171.9	181.6	227.9	202.3
LIVE TOTAL VOLUME (CU. FT/A)	5358	7217	6861	7058	8838	8361
CROWN COMPETITION FACTOR	128	170	142	153	190	158
RELATIVE DENSITY INDEX	34.9	47.0	39.7	42.5	52.8	44.3
MEAN DIAMETER (IN)	17.8	16.8	18.7	18.2	18.7	20.9
SITE HEIGHT (FEET)	109.6	118.9	124.1	122.6	119.7	126.2
DEAD TREES PER ACRE	5	5	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	3.1	1.7	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	81	51	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.5	0.4	0.5	0.0

PLCT SUMMARY REPORT

INSTALLATION 225 BOWMAN CREEK
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T5N R15E SECTION 18 MERIDIAN: WILLAMETTE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	400 #	CONT	200 #	400 #	200 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 85					
LIVE TREES PER ACRE	150	160	150	160	160	160
LIVE BASAL AREA (SQ. FT/A)	87.7	90.8	98.0	111.3	156.7	114.2
LIVE TOTAL VOLUME (CU. FT/A)	2132	2292	2409	2963	4102	2995
CROWN COMPETITION FACTOR	99	107	110	121	165	126
RELATIVE DENSITY INDEX	27.2	28.4	29.6	33.1	44.1	33.8
MEAN DIAMETER (IN)	10.4	10.2	10.9	11.3	12.6	11.4
SITE HEIGHT (FEET)	70.6	70.2	68.7	81.3	78.0	76.0
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	100.0	96.7	100.0	100.0
PONDEROSA PINE	0.0	0.0	0.0	3.3	0.0	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	150	160	150	160	160	160
LIVE BASAL AREA (SQ. FT/A)	102.5	99.6	110.3	124.7	166.8	121.7
CROWN COMPETITION FACTOR	112	115	123	132	173	133
RELATIVE DENSITY INDEX	30.6	30.5	32.4	36.1	46.2	35.4
MEAN DIAMETER (IN)	11.2	10.7	11.6	12.0	13.0	11.8
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	150	160	150	160	160	160
LIVE BASAL AREA (SQ. FT/A)	117.7	109.5	123.5	138.0	178.9	130.2
LIVE TOTAL VOLUME (CU. FT/A)	3104	2890	3265	3968	4968	3583
CROWN COMPETITION FACTOR	125	123	133	143	182	140
RELATIVE DENSITY INDEX	34.0	32.7	35.2	38.9	48.7	37.3
MEAN DIAMETER (IN)	12.0	11.2	12.3	12.6	13.5	12.2
SITE HEIGHT (FEET)	78.8	74.7	74.1	87.6	81.7	81.0
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	150	160	150	160	160	160
LIVE BASAL AREA (SQ. FT/A)	130.1	117.8	133.6	148.1	187.1	137.8
LIVE TOTAL VOLUME (CU. FT/A)	3496	3143	3597	4344	5183	3834
CROWN COMPETITION FACTOR	134	130	141	150	189	146
RELATIVE DENSITY INDEX	36.6	34.6	37.4	41.0	50.4	38.9
MEAN DIAMETER (IN)	12.6	11.6	12.8	13.0	13.8	12.6
SITE HEIGHT (FEET)	80.9	76.0	75.3	90.0	82.5	82.0
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 226 CLEMAN MTN
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T16N R15E SECTION 16 MERIDIAN: WILLAMETTE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	CCNT	200 #	400 #	400 #	200 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 79					
LIVE TREES PER ACRE	130	120	130	150	130	130
LIVE BASAL AREA (SQ. FT/A)	101.8	87.8	71.3	81.5	95.1	91.1
LIVE TOTAL VOLUME (CU. FT/A)	2571	2051	1595	1825	2247	1979
CROWN COMPETITION FACTOR	111	101	85	93	103	103
RELATIVE DENSITY INDEX	29.4	25.8	22.5	25.8	27.9	27.1
MEAN DIAMETER (IN)	12.0	11.6	10.0	10.0	11.6	11.3
SITE HEIGHT (FEET)	73.3	65.5	61.1	67.7	69.4	61.7
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	100.0	96.9	100.0	97.6
PONDEROSA PINE	0.0	0.0	0.0	3.1	0.0	2.4
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	130	120	130	150	130	130
LIVE BASAL AREA (SQ. FT/A)	108.1	97.6	80.9	91.4	103.7	97.7
CROWN COMPETITION FACTOR	117	108	93	104	110	108
RELATIVE DENSITY INDEX	30.8	27.9	24.8	28.1	29.8	28.5
MEAN DIAMETER (IN)	12.3	12.2	10.7	10.6	12.1	11.7
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	130	120	130	150	130	130
LIVE BASAL AREA (SQ. FT/A)	114.3	106.4	90.0	100.5	111.3	104.3
LIVE TOTAL VOLUME (CU. FT/A)	3034	2628	2171	2420	2802	2406
CROWN COMPETITION FACTOR	122	115	100	111	116	112
RELATIVE DENSITY INDEX	32.1	29.8	26.8	30.2	31.4	30.0
MEAN DIAMETER (IN)	12.7	12.8	11.3	11.1	12.5	12.1
SITE HEIGHT (FEET)	77.9	69.8	66.9	74.3	74.8	66.2
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	130	120	130	150	130	130
LIVE BASAL AREA (SQ. FT/A)	119.1	113.0	96.3	108.5	116.7	110.1
LIVE TOTAL VOLUME (CU. FT/A)	3220	2849	2378	2678	3002	2592
CROWN COMPETITION FACTOR	125	119	106	116	120	117
RELATIVE DENSITY INDEX	33.1	31.2	28.2	32.0	32.6	31.2
MEAN DIAMETER (IN)	13.0	13.1	11.7	11.5	12.8	12.5
SITE HEIGHT (FEET)	79.7	71.5	68.6	76.5	76.5	68.0
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 227 JOHNSON CANYON
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T16N R15E SECTION 20 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	200 #	400 #	CONT	200 #	CONT	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 80					
LIVE TREES PER ACRE	120	110	120	160	110	120
LIVE BASAL AREA (SQ. FT/A)	103.2	112.0	88.2	134.8	72.8	99.6
LIVE TOTAL VOLUME (CU. FT/A)	2785	3128	2078	3761	1818	2508
CROWN COMPETITION FACTOR	112	115	98	143	65	109
RELATIVE DENSITY INDEX	29.1	30.3	25.9	38.2	21.9	28.1
MEAN DIAMETER (IN)	12.6	13.7	11.6	12.4	11.0	12.3
SITE HEIGHT (FEET)	77.0	82.1	64.7	81.2	68.4	67.9
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	93.4	94.9	100.0	100.0
PONDEROSA PINE	0.0	0.0	6.6	5.1	0.0	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	120	110	120	160	110	120
LIVE BASAL AREA (SQ. FT/A)	112.1	121.5	92.7	145.2	76.8	105.0
CROWN COMPETITION FACTOR	118	121	101	151	68	114
RELATIVE DENSITY INDEX	31.0	32.2	26.9	40.4	22.8	29.5
MEAN DIAMETER (IN)	13.1	14.2	11.9	12.9	11.3	12.7
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	120	110	120	160	110	120
LIVE BASAL AREA (SQ. FT/A)	120.3	130.4	97.9	154.7	82.2	111.8
LIVE TOTAL VOLUME (CU. FT/A)	3463	3902	2472	4612	2162	3028
CROWN COMPETITION FACTOR	124	127	105	158	91	118
RELATIVE DENSITY INDEX	32.7	34.0	28.0	42.4	24.0	30.9
MEAN DIAMETER (IN)	13.6	14.7	12.2	13.3	11.7	13.1
SITE HEIGHT (FEET)	82.0	87.9	69.5	86.6	72.1	73.3
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	120	110	120	160	110	120
LIVE BASAL AREA (SQ. FT/A)	125.9	137.1	102.1	162.4	86.3	116.7
LIVE TOTAL VOLUME (CU. FT/A)	3703	4203	2627	4949	2309	3215
CROWN COMPETITION FACTOR	128	132	108	163	96	122
RELATIVE DENSITY INDEX	33.8	35.3	28.9	44.0	24.9	31.9
MEAN DIAMETER (IN)	13.9	15.1	12.3	13.6	12.0	13.4
SITE HEIGHT (FEET)	83.8	90.1	71.0	88.7	73.8	74.5
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 228 LOCKOUT MTN WEST
 REGION: CENTRAL WASHINGTON OWNERSHIP: WASHINGTON DER
 LEGAL DESCRIPTION: T20N R16E SECTION 36 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CONT	200 #	CONT	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 64					
LIVE TREES PER ACRE	140	160	210	260	220	280
LIVE BASAL AREA (SQ. FT/A)	124.1	136.2	164.6	128.9	131.2	157.6
LIVE TOTAL VOLUME (CU. FT/A)	3488	4103	4638	3456	3573	4274
CROWN COMPETITION FACTOR	132	142	165	148	148	179
RELATIVE DENSITY INDEX	34.8	38.5	47.5	41.7	40.6	49.5
MEAN DIAMETER (IN)	12.7	12.5	12.0	9.5	10.5	10.2
SITE HEIGHT (FEET)	76.1	88.9	80.3	76.6	71.8	83.0
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	91.4	69.4	89.6	83.9	100.0
PONDEROSA PINE	0.0	8.6	30.6	10.4	16.1	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	140	160	210	250	220	280
LIVE BASAL AREA (SQ. FT/A)	131.4	143.9	172.2	132.9	137.7	168.4
CROWN COMPETITION FACTOR	138	147	171	152	153	189
RELATIVE DENSITY INDEX	36.3	40.1	49.2	42.3	42.1	52.0
MEAN DIAMETER (IN)	13.1	12.8	12.3	9.9	10.7	10.5
DEAD TREES PER ACRE	0	0	0	10	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	2.8	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	140	150	210	250	220	280
LIVE BASAL AREA (SQ. FT/A)	140.1	147.2	181.5	142.9	146.1	181.8
LIVE TOTAL VOLUME (CU. FT/A)	4158	4717	5462	4073	4255	5265
CROWN COMPETITION FACTOR	144	149	177	164	160	200
RELATIVE DENSITY INDEX	38.1	40.2	51.2	44.7	44.0	55.0
MEAN DIAMETER (IN)	13.5	13.4	12.6	10.2	11.0	10.9
SITE HEIGHT (FEET)	84.9	94.2	85.1	81.2	76.8	89.3
DEAD TREES PER ACRE	0	10	0	10	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	3.9	0.0	2.8	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	75	0	62	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	2.6	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	140	150	200	250	200	280
LIVE BASAL AREA (SQ. FT/A)	145.7	151.1	181.0	148.9	138.8	190.5
LIVE TOTAL VOLUME (CU. FT/A)	4408	4921	5553	4329	4115	5625
CROWN COMPETITION FACTOR	148	151	176	169	155	206
RELATIVE DENSITY INDEX	39.2	41.0	50.4	46.1	41.3	57.0
MEAN DIAMETER (IN)	13.8	13.6	12.9	10.4	11.3	11.2
SITE HEIGHT (FEET)	86.7	95.6	84.8	83.2	78.4	91.0
DEAD TREES PER ACRE	0	10	10	10	20	0
DEAD BASAL AREA (SQ. FT/A)	0.0	3.9	5.8	2.8	12.3	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	75	165	62	358	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	2.7	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 229 LCOCKUT MTH EAST
 REGION: CENTRAL WASHINGTON OWNERSHIP: BCISE CASCADE
 LEGAL DESCRIPTION: T20N R17E SECTION 31 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	CONT	200 #	CONT	400 #	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 69					
LIVE TREES PER ACRE	130	100	110	120	120	100
LIVE BASAL AREA (SQ. FT/A)	131.7	129.4	158.9	129.8	122.1	109.1
LIVE TOTAL VOLUME (CU. FT/A)	3773	4209	5585	3958	3863	3376
CROWN COMPETITION FACTOR	133	123	147	130	125	109
RELATIVE DENSITY INDEX	35.7	33.0	39.4	34.6	33.0	29.0
MEAN DIAMETER (IN)	13.6	15.4	16.3	14.1	13.7	14.1
SITE HEIGHT (FEET)	79.2	92.9	101.1	90.3	89.4	90.8
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	96.3	100.0	100.0	100.0	100.0	100.0
PONDEROSA PINE	3.7	0.0	0.0	0.0	0.0	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	130	100	110	120	120	100
LIVE BASAL AREA (SQ. FT/A)	140.8	138.2	169.2	137.2	133.0	116.9
CROWN COMPETITION FACTOR	139	129	154	135	133	115
RELATIVE DENSITY INDEX	37.5	34.6	41.3	36.0	35.2	30.6
MEAN DIAMETER (IN)	14.1	15.9	16.8	14.5	14.3	14.6
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	130	100	110	120	120	100
LIVE BASAL AREA (SQ. FT/A)	152.0	146.9	180.3	146.0	145.5	125.8
LIVE TOTAL VOLUME (CU. FT/A)	4542	4980	6585	4622	4874	4108
CROWN COMPETITION FACTOR	147	135	161	141	142	121
RELATIVE DENSITY INDEX	39.7	36.3	43.3	37.8	37.7	32.3
MEAN DIAMETER (IN)	14.6	16.4	17.3	14.9	14.9	15.2
SITE HEIGHT (FEET)	84.3	98.0	106.4	94.4	96.4	96.2
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	130	100	110	120	120	100
LIVE BASAL AREA (SQ. FT/A)	158.4	153.4	187.2	152.3	153.9	130.1
LIVE TOTAL VOLUME (CU. FT/A)	4805	5286	6980	4914	5267	4334
CROWN COMPETITION FACTOR	151	139	165	146	147	124
RELATIVE DENSITY INDEX	41.0	37.5	44.5	39.0	39.3	33.1
MEAN DIAMETER (IN)	14.9	16.8	17.7	15.3	15.3	15.4
SITE HEIGHT (FEET)	87.3	99.9	108.6	96.2	98.8	98.3
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 230 H.F. TEANAWAY RIVER
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T21N R15E SECTION 20 MERIDIAN: WILLAMETTE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CONT	CONT	200 #	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 81					
LIVE TREES PER ACRE	140	160	150	115	115	90
LIVE BASAL AREA (SQ. FT/A)	125.4	116.7	118.9	141.1	128.7	114.3
LIVE TOTAL VOLUME (CU. FT/A)	3842	3441	3515	4932	4384	3651
CROWN COMPETITION FACTOR	126	124	123	121	114	109
RELATIVE DENSITY INDEX	35.0	34.3	34.2	36.4	34.0	29.3
MEAN DIAMETER (IN)	12.8	11.6	12.1	15.0	14.3	15.3
SITE HEIGHT (FEET)	91.5	85.7	88.7	103.2	97.8	97.0
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	80.1	89.7	93.2	83.0	76.7	93.2
GRAND FIR	5.5	0.0	0.0	0.0	0.9	6.8
LODGEPOLE PINE	0.0	5.8	0.0	0.0	0.0	0.0
PONDEROSA PINE	14.4	4.5	6.8	17.0	22.4	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	140	160	150	115	115	90
LIVE BASAL AREA (SQ. FT/A)	136.3	125.3	124.5	145.0	135.8	122.6
CROWN COMPETITION FACTOR	134	132	127	124	119	115
RELATIVE DENSITY INDEX	37.3	36.2	35.5	37.2	35.4	30.8
MEAN DIAMETER (IN)	13.4	12.0	12.3	15.2	14.7	15.8
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	140	160	150	115	115	90
LIVE BASAL AREA (SQ. FT/A)	152.6	137.2	132.9	151.3	145.8	134.3
LIVE TOTAL VOLUME (CU. FT/A)	4990	4324	4107	5457	5208	4481
CROWN COMPETITION FACTOR	146	140	133	128	125	122
RELATIVE DENSITY INDEX	40.6	38.7	37.2	38.4	37.3	33.0
MEAN DIAMETER (IN)	14.1	12.5	12.7	15.5	15.2	16.5
SITE HEIGHT (FEET)	97.7	92.5	93.0	106.6	102.7	99.1
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	140	160	150	110	110	90
LIVE BASAL AREA (SQ. FT/A)	166.3	147.6	140.8	156.1	153.3	144.3
LIVE TOTAL VOLUME (CU. FT/A)	5601	4791	4432	5717	5636	4915
CROWN COMPETITION FACTOR	156	148	139	132	130	129
RELATIVE DENSITY INDEX	43.3	40.9	38.9	38.9	38.4	34.8
MEAN DIAMETER (IN)	14.8	13.0	13.1	16.1	16.0	17.1
SITE HEIGHT (FEET)	100.8	95.5	95.0	108.2	105.4	101.6
DEAD TREES PER ACRE	0	0	0	5	5	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.9	0.8	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	20	14	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 231 ELMO
 REGION: MONTANA OWNERSHIP: FLATHEAD (BIA)
 LEGAL DESCRIPTION: T24N R217 SECTION 30 MERIDIAN: PRINCIPAL

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CGNT	200 #	400 #	200 #	CONT	400 #
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
STAND AGE =	61					
LIVE TREES PER ACRE	190	180	200	130	160	150
LIVE BASAL AREA (SQ. FT/A)	117.8	91.6	116.6	71.8	90.3	94.1
LIVE TOTAL VOLUME (CU. FT/A)	2818	1970	2765	1649	2001	2280
CROWN COMPETITION FACTOR	130	108	132	83	102	107
RELATIVE DENSITY INDEX	36.1	29.5	36.3	22.6	28.3	28.7
MEAN DIAMETER (IN)	10.7	9.7	10.3	10.1	10.2	10.7
SITE HEIGHT (FEET)	68.5	61.4	66.8	63.8	62.8	69.5
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	89.5	100.0	94.0	94.9	92.3	99.3
WESTERN LARCH	0.0	0.0	0.0	0.0	0.0	0.7
PONDEROSA PINE	10.5	0.0	6.0	5.1	7.7	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	190	180	200	130	160	150
LIVE BASAL AREA (SQ. FT/A)	125.9	100.8	126.4	78.7	97.0	102.9
CROWN COMPETITION FACTOR	138	116	140	88	110	113
RELATIVE DENSITY INDEX	37.9	31.7	38.5	24.2	29.9	30.7
MEAN DIAMETER (IN)	11.0	10.1	10.8	10.5	10.5	11.2
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	190	180	200	130	160	150
LIVE BASAL AREA (SQ. FT/A)	130.6	105.4	131.0	82.9	101.4	108.2
LIVE TOTAL VOLUME (CU. FT/A)	3247	2337	3232	1979	2326	2734
CROWN COMPETITION FACTOR	141	120	148	92	114	118
RELATIVE DENSITY INDEX	39.0	32.7	39.6	25.2	30.9	31.9
MEAN DIAMETER (IN)	11.2	10.4	11.0	10.8	10.8	11.5
SITE HEIGHT (FEET)	71.0	63.4	69.8	66.3	65.8	73.1
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	190	180	200	130	160	150
LIVE BASAL AREA (SQ. FT/A)	137.6	111.3	137.0	87.5	105.9	114.2
LIVE TOTAL VOLUME (CU. FT/A)	3489	2501	3431	2119	2489	2965
CROWN COMPETITION FACTOR	148	125	150	95	118	123
RELATIVE DENSITY INDEX	40.5	34.1	40.9	26.2	31.9	33.2
MEAN DIAMETER (IN)	11.5	10.6	11.2	11.1	11.0	11.8
SITE HEIGHT (FEET)	72.3	64.7	71.2	67.7	67.4	74.9
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 232 SUNNY SLOPE
 REGION: MONTANA OWNERSHIP: FLATHEAD (BIA)
 LEGAL DESCRIPTION: T23N R21W SECTION 12 MERIDIAN: PRINCIPAL

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	400 #	200 #	400 #	200 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 54					
LIVE TREES PER ACRE	180	180	230	180	200	210
LIVE BASAL AREA (SQ. FT/A)	113.5	148.6	152.0	136.1	135.1	140.9
LIVE TOTAL VOLUME (CU. FT/A)	2779	4257	4094	3649	3541	3746
CROWN COMPETITION FACTOR	123	156	163	137	151	153
RELATIVE DENSITY INDEX	34.6	42.4	45.8	39.7	40.5	42.3
MEAN DIAMETER (IN)	10.8	12.3	11.0	11.8	11.1	11.1
SITE HEIGHT (FEET)	68.4	81.5	74.1	79.9	73.0	76.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	89.5	86.3	83.3	71.5	95.8	88.3
WESTERN LARCH	0.0	13.7	0.0	16.6	0.0	11.7
PONDEROSA PINE	10.5	0.0	16.7	11.9	4.2	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	180	180	230	180	200	210
LIVE BASAL AREA (SQ. FT/A)	122.0	164.2	166.6	148.9	147.8	152.4
CROWN COMPETITION FACTOR	133	168	177	148	163	165
RELATIVE DENSITY INDEX	36.5	45.6	49.1	42.4	43.3	44.3
MEAN DIAMETER (IN)	11.1	12.9	11.5	12.3	11.6	11.5
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	180	180	230	170	200	210
LIVE BASAL AREA (SQ. FT/A)	126.6	172.1	174.0	150.0	155.2	158.6
LIVE TOTAL VOLUME (CU. FT/A)	3261	5187	4979	4256	4309	4397
CROWN COMPETITION FACTOR	136	174	183	150	169	169
RELATIVE DENSITY INDEX	37.6	47.3	50.7	42.1	44.9	46.2
MEAN DIAMETER (IN)	11.4	13.2	11.8	12.7	11.9	11.8
SITE HEIGHT (FEET)	71.9	83.6	79.2	84.7	78.1	79.8
DEAD TREES PER ACRE	0.0	0.0	0.0	10	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	4.6	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	132	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	180	180	230	170	200	210
LIVE BASAL AREA (SQ. FT/A)	133.5	182.2	182.7	157.8	163.4	167.5
LIVE TOTAL VOLUME (CU. FT/A)	3520	5599	5360	4603	4656	4739
CROWN COMPETITION FACTOR	142	182	190	157	176	176
RELATIVE DENSITY INDEX	39.1	49.4	52.6	43.7	46.7	48.2
MEAN DIAMETER (IN)	11.7	13.6	12.1	13.0	12.2	12.1
SITE HEIGHT (FEET)	73.6	90.4	81.4	87.1	80.3	81.6
DEAD TREES PER ACRE	0.0	0.0	0.0	10	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	4.6	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	132	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 233 HELLBOARING CREEK
 REGION: MONTANA OWNERSHIP: FLATHEAD (BIA)
 LEGAL DESCRIPTION: T23N R19W SECTION 33 MERIDIAN: PRINCIPAL

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CONT	CONT	200 #	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 54					
LIVE TREES PER ACRE	160	180	230	150	160	160
LIVE BASAL AREA (SQ. FT/A)	136.7	125.4	176.5	136.7	149.9	140.6
LIVE TOTAL VOLUME (CU. FT/A)	3724	3197	4931	3829	4429	3584
CROWN COMPETITION FACTOR	148	135	189	145	157	148
RELATIVE DENSITY INDEX	38.6	37.3	51.2	38.0	41.4	39.5
MEAN DIAMETER (IN)	12.5	11.3	11.9	12.9	13.1	12.7
SITE HEIGHT (FEET)	77.1	73.2	80.3	76.4	83.1	70.5
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	82.6	85.7	100.0	100.0	91.0
WESTERN LARCH	0.0	0.0	14.3	0.0	0.0	0.0
PONDEROSA PINE	0.0	17.4	0.0	0.0	0.0	9.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	160	180	230	150	160	160
LIVE BASAL AREA (SQ. FT/A)	147.2	136.3	188.7	143.8	160.3	152.4
LIVE TOTAL VOLUME (CU. FT/A)	156	146	199	150	164	157
CROWN COMPETITION FACTOR	40.9	39.7	53.9	39.5	43.5	41.9
RELATIVE DENSITY INDEX	13.0	11.8	12.3	13.3	13.6	13.2
MEAN DIAMETER (IN)	0	0	0	0	0	0
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	160	180	230	150	160	160
LIVE BASAL AREA (SQ. FT/A)	154.2	143.4	196.0	148.8	166.7	159.8
LIVE TOTAL VOLUME (CU. FT/A)	4409	3864	5743	4312	5156	4313
CROWN COMPETITION FACTOR	161	152	205	154	169	162
RELATIVE DENSITY INDEX	42.3	41.3	55.4	40.5	44.8	43.4
MEAN DIAMETER (IN)	13.3	12.1	12.5	13.5	13.8	13.5
SITE HEIGHT (FEET)	81.2	77.1	84.6	79.6	88.0	74.0
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	160	180	230	150	160	160
LIVE BASAL AREA (SQ. FT/A)	162.5	151.3	205.6	155.4	173.8	168.2
LIVE TOTAL VOLUME (CU. FT/A)	4758	4182	6128	4556	5503	4665
CROWN COMPETITION FACTOR	167	157	212	158	174	168
RELATIVE DENSITY INDEX	44.0	42.9	57.5	41.9	46.3	45.1
MEAN DIAMETER (IN)	13.6	12.4	12.8	13.8	14.1	13.9
SITE HEIGHT (FEET)	83.3	78.9	86.2	80.7	90.5	76.1
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 234 RCNAN
 REGION: MONTANA OWNERSHIP: FLATHEAD (BIA)
 LEGAL DESCRIPTION: T20N R19W SECTION 5 MERIDIAN: PRINCIPAL

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	400 #	CONT	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND	AGE =	59			
LIVE TREES PER ACRE	210	200	160	160	160	170
LIVE BASAL AREA (SQ. FT/A)	140.0	137.2	99.7	120.4	150.4	141.3
LIVE TOTAL VOLUME (CU. FT/A)	3655	3661	2529	3165	4181	3754
CROWN COMPETITION FACTOR	148	145	107	131	153	144
RELATIVE DENSITY INDEX	42.1	41.0	30.5	35.1	41.5	40.2
MEAN DIAMETER (IN)	11.1	11.2	10.7	11.7	13.1	12.3
SITE HEIGHT (FEET)	73.4	74.3	70.2	71.7	79.4	73.3
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	67.6	66.8	74.2	83.7	88.0	79.8
GRAND FIR	0.0	5.9	0.0	0.0	0.0	0.0
WESTERN LARCH	0.0	12.5	13.1	4.8	0.0	0.0
PONDEROSA PINE	32.4	14.8	12.7	11.5	12.0	20.2
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	210	200	160	160	160	170
LIVE BASAL AREA (SQ. FT/A)	150.3	147.4	107.4	129.8	160.8	152.2
CROWN COMPETITION FACTOR	155	153	113	137	161	151
RELATIVE DENSITY INDEX	44.4	43.2	32.2	37.2	43.6	42.5
MEAN DIAMETER (IN)	11.5	11.6	11.1	12.2	13.6	12.8
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	210	200	160	160	160	170
LIVE BASAL AREA (SQ. FT/A)	157.6	152.8	111.7	135.5	167.9	158.6
LIVE TOTAL VOLUME (CU. FT/A)	4424	4368	3027	3801	4992	4556
CROWN COMPETITION FACTOR	162	157	117	141	166	156
RELATIVE DENSITY INDEX	46.0	44.4	33.2	38.4	45.1	43.9
MEAN DIAMETER (IN)	11.7	11.8	11.3	12.5	13.9	13.1
SITE HEIGHT (FEET)	79.9	79.9	74.8	76.9	84.6	79.0
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	210	200	150	160	160	170
LIVE BASAL AREA (SQ. FT/A)	166.1	160.4	111.2	142.2	175.4	167.0
LIVE TOTAL VOLUME (CU. FT/A)	4792	4706	3103	4083	5335	4935
CROWN COMPETITION FACTOR	168	163	114	146	172	162
RELATIVE DENSITY INDEX	47.9	46.1	32.6	39.8	46.6	45.6
MEAN DIAMETER (IN)	12.0	12.1	11.7	12.8	14.2	13.4
SITE HEIGHT (FEET)	82.1	82.1	76.4	78.8	86.6	81.3
DEAD TREES PER ACRE	0.0	0.0	1.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	5.7	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	14.6	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 235 FISH CREEK
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T14N R24W SECTION 5 MERIDIAN: PRINCIPAL

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	CONT	200 #	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 74					
LIVE TREES PER ACRE	220	270	280	390	390	410
LIVE BASAL AREA (SQ. FT/A)	86.7	114.1	106.8	112.2	115.7	126.3
LIVE TOTAL VOLUME (CU. FT/A)	2026	2662	2314	2504	2351	2828
CROWN COMPETITION FACTOR	107	123	127	131	140	158
RELATIVE DENSITY INDEX	29.7	38.4	36.9	41.6	42.6	46.1
MEAN DIAMETER (IN)	8.5	8.8	8.4	7.3	7.4	7.5
SITE HEIGHT (FEET)	65.1	67.0	61.9	63.7	59.6	61.7
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	97.7	62.8	36.5	68.6	83.3	87.9
WESTERN LARCH	0.0	0.0	0.0	1.7	0.0	0.0
LCDGEPOLE PINE	0.0	0.0	0.0	0.0	0.0	4.9
PONDEROSA PINE	2.3	37.2	13.5	29.8	16.7	7.2
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	220	270	280	390	390	410
LIVE BASAL AREA (SQ. FT/A)	90.0	119.8	112.4	116.3	122.1	132.2
CROWN COMPETITION FACTOR	110	129	132	135	146	164
RELATIVE DENSITY INDEX	30.6	39.9	38.4	42.8	44.4	47.7
MEAN DIAMETER (IN)	8.7	9.0	8.6	7.4	7.6	7.7
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	220	260	280	360	370	360
LIVE BASAL AREA (SQ. FT/A)	93.4	121.9	119.1	116.8	125.3	128.8
LIVE TOTAL VOLUME (CU. FT/A)	2236	2998	2703	2714	2951	3012
CROWN COMPETITION FACTOR	113	131	138	134	148	155
RELATIVE DENSITY INDEX	31.5	40.0	40.1	42.1	44.6	45.3
MEAN DIAMETER (IN)	8.8	9.3	8.8	7.7	7.9	8.1
SITE HEIGHT (FEET)	67.4	70.3	65.4	66.4	62.8	64.9
DEAD TREES PER ACRE	0	10	0	30	20	50
DEAD BASAL AREA (SQ. FT/A)	0.0	3.7	0.0	4.0	3.1	9.8
DEAD TOTAL VOLUME (CU. FT/A)	0	80	0	82	58	203
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	220	260	280	360	360	350
LIVE BASAL AREA (SQ. FT/A)	96.9	127.1	124.8	121.8	129.8	132.8
LIVE TOTAL VOLUME (CU. FT/A)	2348	3185	2879	2881	3124	3172
CROWN COMPETITION FACTOR	116	136	144	138	153	159
RELATIVE DENSITY INDEX	32.3	41.3	41.5	43.4	45.5	46.0
MEAN DIAMETER (IN)	9.0	9.5	9.0	7.9	8.1	8.3
SITE HEIGHT (FEET)	68.4	71.4	66.5	67.6	64.2	66.3
DEAD TREES PER ACRE	0	10	0	30	30	60
DEAD BASAL AREA (SQ. FT/A)	0.0	3.7	0.0	4.0	3.9	11.6
DEAD TOTAL VOLUME (CU. FT/A)	0	80	0	82	69	238
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 236 DEER CREEK
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T13N R18W SECTION 20 MERIDIAN: PRINCIPAL

TREATMENT	PLOT NUMBER					
	1 400 #	2 200 #	3 CONT	4 400 #	5 CONT	6 200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 80					
LIVE TREES PER ACRE	240	270	240	380	310	350
LIVE BASAL AREA (SQ. FT/A)	134.9	172.2	173.2	189.4	146.4	190.3
LIVE TOTAL VOLUME (CU. FT/A)	3367	4555	4555	4797	3704	4795
CROWN COMPETITION FACTOR	153	194	180	218	178	216
RELATIVE DENSITY INDEX	42.3	52.4	51.1	61.3	48.0	60.2
MEAN DIAMETER (IN)	10.2	10.8	11.5	9.6	9.3	10.0
SITE HEIGHT (FEET)	75.4	77.0	76.1	76.8	72.7	75.0
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	96.6	96.9	85.5	97.9	100.0	94.1
PONDEROSA PINE	3.4	3.1	14.5	2.1	0.0	5.9
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	240	270	240	380	310	350
LIVE BASAL AREA (SQ. FT/A)	139.9	177.5	178.3	195.0	151.8	196.2
CROWN COMPETITION FACTOR	158	198	183	223	183	222
RELATIVE DENSITY INDEX	43.5	53.6	52.2	62.6	49.3	61.6
MEAN DIAMETER (IN)	10.3	11.0	11.7	9.7	9.5	10.1
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	240	270	240	380	310	350
LIVE BASAL AREA (SQ. FT/A)	144.1	181.7	182.2	199.0	155.3	200.4
LIVE TOTAL VOLUME (CU. FT/A)	3742	4949	4944	5206	4046	5228
CROWN COMPETITION FACTOR	161	201	186	227	187	226
RELATIVE DENSITY INDEX	44.5	54.5	53.1	63.6	50.2	62.6
MEAN DIAMETER (IN)	10.5	11.1	11.8	9.8	9.6	10.2
SITE HEIGHT (FEET)	78.4	79.0	79.2	80.1	75.7	78.2
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	240	270	240	350	310	350
LIVE BASAL AREA (SQ. FT/A)	148.5	185.2	186.3	197.1	159.1	203.9
LIVE TOTAL VOLUME (CU. FT/A)	3930	5104	5127	5277	4205	5386
CROWN COMPETITION FACTOR	164	204	189	222	150	228
RELATIVE DENSITY INDEX	45.5	55.3	53.9	61.8	51.1	63.4
MEAN DIAMETER (IN)	10.7	11.2	11.9	10.2	9.7	10.3
SITE HEIGHT (FEET)	79.9	80.0	80.6	81.6	77.0	79.3
DEAD TREES PER ACRE	0	0	0	30	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	6.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	121	0	0
TOPKILL VOLUME (CU. FT/A)	1.0	1.9	0.0	1.8	0.0	0.7

PLCT SUMMARY REPORT

INSTALLATION 237 MCOLLET PARK
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T15N R12W SECTION 9 MERIDIAN: PRINCIPAL

TREATMENT	PLCT NUMBERS					
	1	2	3	4	5	6
	400 #	200 #	CONT	CONT	400 #	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
STAND AGE =	90					
LIVE TREES PER ACRE	230	180	250	220	240	270
LIVE BASAL AREA (SQ. FT/A)	169.0	142.4	174.1	156.1	123.3	125.8
LIVE TOTAL VOLUME (CU. FT/A)	4954	4002	5049	4393	3055	2876
CROWN COMPETITION FACTOR	171	145	192	166	141	149
RELATIVE DENSITY INDEX	49.6	41.0	51.8	46.2	39.6	41.4
MEAN DIAMETER (IN)	11.6	12.0	11.3	11.4	9.7	9.2
SITE HEIGHT (FEET)	85.3	81.7	85.2	83.6	75.2	67.5
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	86.1	98.0	100.0	100.0	100.0	100.0
PONDEROSA PINE	13.9	2.0	0.0	0.0	0.0	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	220	180	250	220	240	270
LIVE BASAL AREA (SQ. FT/A)	170.6	149.1	182.5	163.4	129.0	133.5
CROWN COMPETITION FACTOR	172	150	199	173	146	157
RELATIVE DENSITY INDEX	49.4	42.5	53.7	47.8	40.9	43.3
MEAN DIAMETER (IN)	11.9	12.3	11.6	11.7	9.9	9.5
DEAD TREES PER ACRE	10	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	5.5	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	220	180	250	220	240	270
LIVE BASAL AREA (SQ. FT/A)	174.1	153.1	188.3	168.8	133.7	139.1
LIVE TOTAL VOLUME (CU. FT/A)	5244	4442	5560	4809	3376	3274
CROWN COMPETITION FACTOR	174	153	204	177	150	163
RELATIVE DENSITY INDEX	50.2	43.3	54.9	49.0	42.1	44.6
MEAN DIAMETER (IN)	12.0	12.5	11.8	11.9	10.1	9.7
SITE HEIGHT (FEET)	88.1	85.3	87.0	85.0	77.2	70.5
DEAD TREES PER ACRE	10	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	5.5	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	182	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.4	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	220	180	250	220	240	260
LIVE BASAL AREA (SQ. FT/A)	178.9	158.1	195.3	175.9	138.8	138.7
LIVE TOTAL VOLUME (CU. FT/A)	5460	4622	5822	5054	3534	3311
CROWN COMPETITION FACTOR	178	157	209	183	155	160
RELATIVE DENSITY INDEX	51.2	44.4	56.4	50.5	43.2	44.1
MEAN DIAMETER (IN)	12.2	12.7	12.0	12.1	10.3	9.9
SITE HEIGHT (FEET)	89.3	86.2	88.1	86.0	78.1	71.3
DEAD TREES PER ACRE	10	0	0	0	0	10
DEAD BASAL AREA (SQ. FT/A)	5.5	0.0	0.0	0.0	0.0	6.6
DEAD TOTAL VOLUME (CU. FT/A)	182	0	0	0	0	131
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.4	0.0

PLCT SUMMARY REPORT

INSTALLATION 238 BULLALO BILL CREEK
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T22N R26W SECTION 34 MERIDIAN: PRINCIPAL

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	400 #	200 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
STAND AGE =	32					
LIVE TREES PER ACRE	260	230	160	210	180	240
LIVE BASAL AREA (SQ. FT/A)	56.0	55.4	44.5	39.3	31.6	60.8
LIVE TOTAL VOLUME (CU. FT/A)	940	860	760	579	403	835
CROWN COMPETITION FACTOR	70	70	57	52	45	78
RELATIVE DENSITY INDEX	22.3	21.5	16.6	16.2	13.3	23.3
MEAN DIAMETER (IN)	6.3	6.6	7.1	5.9	5.7	6.8
SITE HEIGHT (FEET)	43.7	46.0	44.9	38.9	32.5	40.4
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	68.5	78.5	34.8	82.2	93.5	66.0
WESTERN LARCH	8.5	19.3	5.2	3.4	3.8	11.6
LODGPOLE PINE	23.0	2.2	0.0	11.0	2.7	2.4
PONDEROSA PINE	0.0	0.0	0.0	3.4	0.0	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	260	230	160	210	180	240
LIVE BASAL AREA (SQ. FT/A)	63.2	66.7	53.1	47.6	39.0	69.4
CROWN COMPETITION FACTOR	78	82	67	61	53	87
RELATIVE DENSITY INDEX	24.5	24.7	19.0	18.8	15.5	25.7
MEAN DIAMETER (IN)	6.7	7.3	7.8	6.4	6.3	7.3
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	260	230	160	210	180	240
LIVE BASAL AREA (SQ. FT/A)	68.4	74.4	60.1	53.8	43.9	75.1
LIVE TOTAL VOLUME (CU. FT/A)	1234	1266	1114	862	603	1171
CROWN COMPETITION FACTOR	83	91	74	67	58	94
RELATIVE DENSITY INDEX	26.0	26.8	20.9	20.6	17.0	27.3
MEAN DIAMETER (IN)	6.9	7.7	8.3	6.9	6.7	7.6
SITE HEIGHT (FEET)	48.0	51.7	49.5	43.2	36.6	43.7
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	260	230	160	210	180	240
LIVE BASAL AREA (SQ. FT/A)	75.2	82.8	67.4	60.7	49.1	82.5
LIVE TOTAL VOLUME (CU. FT/A)	1409	1471	1304	1023	704	1339
CROWN COMPETITION FACTOR	91	99	81	74	64	101
RELATIVE DENSITY INDEX	27.9	29.0	22.7	22.5	18.5	29.3
MEAN DIAMETER (IN)	7.3	8.1	8.8	7.3	7.1	7.9
SITE HEIGHT (FEET)	50.0	54.6	52.0	45.8	38.6	45.5
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 239 WAHA #2
 REGION: NORTHEAST OREGON OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T33N B4W SECTION 10 MERIDIAN: BOISE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	200 #	CCNT	400 #	400 #	200 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 87					
LIVE TREES PER ACRE	120	127	170	140	150	190
LIVE BASAL AREA (SQ. FT/A)	139.3	151.4	228.0	208.4	219.8	183.9
LIVE TOTAL VOLUME (CU. FT/A)	4645	4484	8098	7270	7097	5652
CROWN COMPETITION FACTOR	123	135	200	179	201	175
RELATIVE DENSITY INDEX	36.5	39.3	57.6	51.3	57.6	50.4
MEAN DIAMETER (IN)	14.6	14.8	15.7	16.5	14.6	13.3
SITE HEIGHT (FEET)	102.0	90.0	97.5	102.9	96.8	84.9
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	93.8	98.8	74.5	87.1	88.2	88.2
PONDEROSA PINE	6.2	1.2	25.5	12.9	11.8	11.8
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	120	120	170	140	150	170
LIVE BASAL AREA (SQ. FT/A)	149.1	156.2	238.0	216.9	226.3	187.0
CROWN COMPETITION FACTOR	130	137	206	185	205	173
RELATIVE DENSITY INDEX	38.4	39.7	59.5	52.8	58.9	49.6
MEAN DIAMETER (IN)	15.1	15.4	16.0	16.9	14.8	14.2
DEAD TREES PER ACRE	0	7	0	0	0	20
DEAD BASAL AREA (SQ. FT/A)	0.0	1.8	0.0	0.0	0.0	6.3
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	120	120	150	140	160	170
LIVE BASAL AREA (SQ. FT/A)	158.0	163.4	220.3	225.1	230.4	195.8
LIVE TOTAL VOLUME (CU. FT/A)	5509	5051	7969	8161	7683	6198
CROWN COMPETITION FACTOR	136	143	192	190	207	179
RELATIVE DENSITY INDEX	40.1	41.1	54.4	54.3	58.9	51.4
MEAN DIAMETER (IN)	15.5	15.8	16.4	17.2	15.3	14.5
SITE HEIGHT (FEET)	107.0	94.0	101.3	106.8	102.5	87.4
DEAD TREES PER ACRE	0	7	20	0	10	20
DEAD BASAL AREA (SQ. FT/A)	0.0	1.8	25.7	0.0	3.3	6.3
DEAD TOTAL VOLUME (CU. FT/A)	0	40	1036	0	59	202
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	1.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	120	120	130	140	160	170
LIVE BASAL AREA (SQ. FT/A)	164.9	167.9	195.0	230.1	234.1	202.8
LIVE TOTAL VOLUME (CU. FT/A)	5852	5286	6856	8434	7928	6500
CROWN COMPETITION FACTOR	141	146	173	193	210	184
RELATIVE DENSITY INDEX	41.4	42.0	47.9	55.2	59.6	52.7
MEAN DIAMETER (IN)	15.9	16.0	16.6	17.4	15.4	14.8
SITE HEIGHT (FEET)	109.1	95.0	100.2	108.0	104.3	88.6
DEAD TREES PER ACRE	0	7	40	0	10	20
DEAD BASAL AREA (SQ. FT/A)	0.0	1.8	56.1	0.0	3.3	6.3
DEAD TOTAL VOLUME (CU. FT/A)	0	40	2401	0	59	202
TOPKILL VOLUME (CU. FT/A)	0.7	0.0	0.0	0.4	0.0	1.1

PLOT SUMMARY REPORT

INSTALLATION 240 QUARTZ CREEK #1
 REGION: NORTHERN IDAHO OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T37N R5E SECTION 8 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	CCNT	200 #	CONT	200 #	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 41					
LIVE TREES PER ACRE	360	410	350	280	310	360
LIVE BASAL AREA (SQ. FT/A)	122.5	179.3	97.8	150.1	163.3	185.3
LIVE TOTAL VOLUME (CU. FT/A)	2660	4347	1969	3862	4332	5036
CROWN COMPETITION FACTOR	144	214	130	167	160	214
RELATIVE DENSITY INDEX	43.6	59.9	36.6	47.7	52.1	59.4
MEAN DIAMETER (IN)	7.9	9.0	7.2	9.9	9.8	9.7
SITE HEIGHT (FEET)	67.0	70.0	55.8	74.5	73.3	79.0
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	65.1	92.2	91.9	83.8	61.5	79.6
GRAND FIR	3.8	0.0	4.8	1.1	6.9	4.2
WESTERN REDCEDAR	8.1	0.0	3.3	0.0	0.0	0.0
WESTERN LARCH	19.2	7.8	0.0	15.1	29.8	16.2
WESTERN WHITE PINE	3.9	0.0	0.0	0.0	1.9	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	360	410	340	280	310	360
LIVE BASAL AREA (SQ. FT/A)	138.1	192.5	111.6	162.1	178.0	202.5
CROWN COMPETITION FACTOR	160	225	144	178	155	231
RELATIVE DENSITY INDEX	47.7	63.2	40.1	50.5	55.6	63.5
MEAN DIAMETER (IN)	8.4	9.3	7.8	10.3	10.3	10.2
DEAD TREES PER ACRE	0	0	10	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	3.5	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	350	410	340	280	310	360
LIVE BASAL AREA (SQ. FT/A)	150.2	206.1	128.3	174.6	192.8	218.8
LIVE TOTAL VOLUME (CU. FT/A)	3580	5412	2873	4880	5617	6494
CROWN COMPETITION FACTOR	170	238	161	192	207	247
RELATIVE DENSITY INDEX	50.4	66.5	44.5	53.4	59.0	67.3
MEAN DIAMETER (IN)	8.9	9.6	8.3	10.7	10.7	10.6
SITE HEIGHT (FEET)	73.9	76.5	63.2	81.3	80.4	86.4
DEAD TREES PER ACRE	10	0	10	0	0	0
DEAD BASAL AREA (SQ. FT/A)	2.7	0.0	3.5	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	53	0	75	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	350	410	340	280	310	360
LIVE BASAL AREA (SQ. FT/A)	164.3	222.7	148.3	188.6	207.0	234.9
LIVE TOTAL VOLUME (CU. FT/A)	4081	6088	3374	5463	6259	7225
CROWN COMPETITION FACTOR	182	254	178	204	218	260
RELATIVE DENSITY INDEX	53.9	70.5	48.6	56.6	62.2	71.0
MEAN DIAMETER (IN)	9.3	10.0	8.8	11.1	11.1	10.9
SITE HEIGHT (FEET)	77.2	80.3	66.4	84.6	83.8	90.0
DEAD TREES PER ACRE	10	0	10	0	0	0
DEAD BASAL AREA (SQ. FT/A)	2.7	0.0	3.5	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	53	0	75	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 241 WOODY MTN
 REGION: CENTRAL WASHINGTON
 LEGAL DESCRIPTION: T33N R24E SECTION 9

OWNERSHIP: WASHINGTON DNR
 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	200 #	400 #	CONT	CONT	200 #	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 72					
LIVE TREES PER ACRE	360	340	230	270	280	340
LIVE BASAL AREA (SQ. FT/A)	130.6	123.4	73.6	96.9	132.7	125.2
LIVE TOTAL VOLUME (CU. FT/A)	2907	2792	1582	2193	3372	2886
CROWN COMPETITION FACTOR	152	145	93	122	159	150
RELATIVE DENSITY INDEX	45.7	43.2	26.6	34.0	43.5	43.7
MEAN DIAMETER (IN)	8.2	8.2	7.7	8.1	9.3	8.2
SITE HEIGHT (FEET)	60.6	62.7	56.7	62.9	73.1	63.9
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	76.6	78.8	94.5	100.0	98.6	84.8
WESTERN LARCH	0.0	0.0	0.0	0.0	0.0	0.0
LODGEPOLE PINE	0.0	0.0	5.5	0.0	0.0	0.0
PONDEROSA PINE	23.4	21.2	0.0	0.0	1.4	12.8
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	350	340	230	270	280	340
LIVE BASAL AREA (SQ. FT/A)	138.4	138.5	80.9	105.9	144.6	142.7
CROWN COMPETITION FACTOR	162	159	100	131	170	168
RELATIVE DENSITY INDEX	47.4	47.1	28.5	36.4	46.4	48.2
MEAN DIAMETER (IN)	8.5	8.6	8.0	8.5	9.7	8.8
DEAD TREES PER ACRE	10	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	4.1	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	340	340	230	270	280	340
LIVE BASAL AREA (SQ. FT/A)	146.5	155.8	89.4	115.3	157.3	161.7
LIVE TOTAL VOLUME (CU. FT/A)	3468	3758	2021	2758	4167	3991
CROWN COMPETITION FACTOR	169	175	109	141	182	188
RELATIVE DENSITY INDEX	49.1	51.4	30.8	38.8	49.4	52.9
MEAN DIAMETER (IN)	8.9	9.2	8.4	8.9	10.2	9.3
SITE HEIGHT (FEET)	66.9	67.8	60.1	67.6	77.4	69.8
DEAD TREES PER ACRE	20	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	9.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	218	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	320	340	230	270	270	340
LIVE BASAL AREA (SQ. FT/A)	148.4	165.2	95.6	121.7	154.5	172.1
LIVE TOTAL VOLUME (CU. FT/A)	3599	4094	2216	2975	4186	4376
CROWN COMPETITION FACTOR	171	188	116	149	178	196
RELATIVE DENSITY INDEX	48.9	53.8	32.8	40.4	48.3	55.4
MEAN DIAMETER (IN)	9.2	9.4	8.7	9.1	10.2	9.6
SITE HEIGHT (FEET)	68.9	69.7	61.9	69.3	79.1	72.3
DEAD TREES PER ACRE	40	0	0	0	10	0
DEAD BASAL AREA (SQ. FT/A)	14.2	0.0	0.0	0.0	9.7	0.0
DEAD TOTAL VOLUME (CU. FT/A)	339	0	0	0	270	0
TOPKILL VOLUME (CU. FT/A)	0.0	1.3	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 242 N.P. MINEMILE CREEK
 REGION: CENTRAL WASHINGTON OWNERSHIP: WASHINGTON D&R
 LEGAL DESCRIPTION: T39N R24E SECTION 13 MERIDIAN: WILLABETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	CONT	200 #	400 #	200 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 87					
LIVE TREES PER ACRE	476	400	500	300	530	390
LIVE BASAL AREA (SQ. FT/A)	125.3	117.9	130.6	122.2	176.0	156.7
LIVE TOTAL VOLUME (CU. FT/A)	2949	2920	3322	2942	4148	4065
CROWN COMPETITION FACTOR	164	147	163	149	217	186
RELATIVE DENSITY INDEX	47.4	43.5	49.7	41.6	63.0	53.5
MEAN DIAMETER (IN)	7.0	7.4	6.9	8.6	7.8	8.6
SITE HEIGHT (FEET)	68.2	67.6	71.9	70.0	69.1	78.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	95.9	83.8	87.3	100.0	100.0	98.4
LODGEPOLE PINE	4.1	16.2	12.7	0.0	0.0	1.6
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	460	400	500	300	530	390
LIVE BASAL AREA (SQ. FT/A)	132.3	124.2	138.0	131.5	184.8	162.1
CROWN COMPETITION FACTOR	172	155	171	158	225	191
RELATIVE DENSITY INDEX	49.1	45.2	51.7	43.9	65.4	54.9
MEAN DIAMETER (IN)	7.3	7.5	7.1	9.0	8.0	8.7
DEAD TREES PER ACRE	10	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	4.1	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	466	400	500	300	530	390
LIVE BASAL AREA (SQ. FT/A)	142.4	130.5	145.6	140.3	193.2	167.9
LIVE TOTAL VOLUME (CU. FT/A)	3459	3313	3791	3512	4678	4439
CROWN COMPETITION FACTOR	183	161	179	167	233	196
RELATIVE DENSITY INDEX	51.9	46.9	53.9	46.1	67.6	56.3
MEAN DIAMETER (IN)	7.5	7.7	7.3	9.3	8.2	8.9
SITE HEIGHT (FEET)	70.8	70.2	75.2	73.6	71.7	79.3
DEAD TREES PER ACRE	10	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	4.1	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	81	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	450	400	500	300	530	380
LIVE BASAL AREA (SQ. FT/A)	144.6	133.5	149.7	145.6	197.4	169.8
LIVE TOTAL VOLUME (CU. FT/A)	3536	3418	3934	3677	4825	4537
CROWN COMPETITION FACTOR	184	164	182	173	238	197
RELATIVE DENSITY INDEX	52.2	47.7	55.0	47.4	68.7	56.4
MEAN DIAMETER (IN)	7.7	7.8	7.4	9.4	8.3	9.1
SITE HEIGHT (FEET)	71.5	71.0	76.1	74.5	72.4	80.0
DEAD TREES PER ACRE	20	0	0	0	0	10
DEAD BASAL AREA (SQ. FT/A)	7.2	0.0	0.0	0.0	0.0	1.5
DEAD TOTAL VOLUME (CU. FT/A)	154	0	0	0	0	23
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 243 STARVATION LAKE
 REGION: NORTHEAST WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T35N R40E SECTION 13 MERIDIAN: WILLAMETTE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	400 #	200 #	CONT
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND	AGE = 73				
LIVE TREES PER ACRE	220	210	300	220	260	230
LIVE BASAL AREA (SQ. FT/A)	101.3	106.7	129.9	154.8	146.0	143.4
LIVE TOTAL VOLUME (CU. FT/A)	2412	2478	2978	4414	3726	4090
CROWN COMPETITION FACTOR	122	122	152	169	172	163
RELATIVE DENSITY INDEX	33.4	34.3	43.5	45.9	45.8	43.8
MEAN DIAMETER (IN)	9.2	9.7	8.9	11.4	10.1	10.7
SITE HEIGHT (FEET)	68.8	65.3	68.4	81.2	72.8	85.4
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	94.6	80.5	89.5	98.1	100.0	93.8
WESTERN LARCH	5.4	13.8	9.4	1.9	0.0	6.2
PACIFIC PINE	0.0	5.7	1.1	0.0	0.0	0.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	220	210	300	220	250	230
LIVE BASAL AREA (SQ. FT/A)	108.5	115.6	139.4	163.5	151.9	152.0
LIVE TOTAL VOLUME (CU. FT/A)	128	131	163	178	175	171
CROWN COMPETITION FACTOR	128	131	163	178	175	171
RELATIVE DENSITY INDEX	35.2	36.5	45.9	47.8	46.8	45.8
MEAN DIAMETER (IN)	9.5	10.0	9.2	11.7	10.6	11.0
DEAD TREES PER ACRE	0	0	0	0	10	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	2.4	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	200	210	290	200	250	220
LIVE BASAL AREA (SQ. FT/A)	107.0	124.0	147.7	164.7	161.5	155.3
LIVE TOTAL VOLUME (CU. FT/A)	2708	3082	3600	4920	4379	4631
CROWN COMPETITION FACTOR	124	138	172	176	184	171
RELATIVE DENSITY INDEX	34.0	38.4	47.5	47.0	48.9	46.1
MEAN DIAMETER (IN)	9.9	10.4	9.7	12.3	10.9	11.4
SITE HEIGHT (FEET)	73.6	70.1	72.1	85.9	78.1	89.9
DEAD TREES PER ACRE	20	0	10	20	10	10
DEAD BASAL AREA (SQ. FT/A)	7.6	0.0	1.5	6.8	2.4	4.6
DEAD TOTAL VOLUME (CU. FT/A)	175	0	19	170	58	123
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	200	210	290	200	250	210
LIVE BASAL AREA (SQ. FT/A)	112.1	130.8	154.5	170.8	168.4	153.3
LIVE TOTAL VOLUME (CU. FT/A)	2904	3330	3823	5174	4629	4663
CROWN COMPETITION FACTOR	129	144	178	181	150	168
RELATIVE DENSITY INDEX	35.2	40.0	49.1	48.3	50.5	45.1
MEAN DIAMETER (IN)	10.1	10.7	9.9	12.5	11.1	11.6
SITE HEIGHT (FEET)	75.8	71.8	73.0	87.4	79.8	91.9
DEAD TREES PER ACRE	20	0	10	20	10	20
DEAD BASAL AREA (SQ. FT/A)	7.6	0.0	1.5	6.8	2.4	13.2
DEAD TOTAL VOLUME (CU. FT/A)	175	0	19	170	58	370
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.6

PLCT SUMMARY REPORT

INSTALLATION 244 BIG LOOKOUT MTN #1
 REGION: NORTHEAST OREGON OWNERSHIP: BLM (OREGON)
 LEGAL DESCRIPTION: T11S R45E SECTION 19 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	200 #	400 #	CONT	400 #	200 #	CONT
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
	STAND AGE = 90					
LIVE TREES PER ACRE	140	130	180	280	290	220
LIVE BASAL AREA (SQ. FT/A)	264.7	263.9	265.2	286.7	300.8	251.9
LIVE TOTAL VOLUME (CU. FT/A)	7697	8474	9416	8305	9232	6796
CROWN COMPETITION FACTOR	223	219	234	275	299	240
RELATIVE DENSITY INDEX	61.4	60.1	65.4	77.5	81.0	66.2
MEAN DIAMETER (IN)	18.6	19.3	16.4	13.7	13.8	14.5
SITE HEIGHT (FEET)	88.1	98.0	108.8	89.3	94.2	84.6
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	100.0	100.0	100.0	100.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	140	130	180	280	290	220
LIVE BASAL AREA (SQ. FT/A)	271.1	270.1	270.6	291.4	306.1	257.6
CROWN COMPETITION FACTOR	227	223	237	278	303	244
RELATIVE DENSITY INDEX	62.4	61.1	66.4	78.4	82.1	67.3
MEAN DIAMETER (IN)	18.8	19.5	16.6	13.8	13.9	14.7
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	140	130	180	280	290	220
LIVE BASAL AREA (SQ. FT/A)	278.8	278.2	278.2	297.6	313.7	263.4
LIVE TOTAL VOLUME (CU. FT/A)	8506	9282	10217	9002	9960	7444
CROWN COMPETITION FACTOR	232	228	242	282	308	247
RELATIVE DENSITY INDEX	63.8	62.5	67.8	79.7	83.6	68.4
MEAN DIAMETER (IN)	19.1	19.8	16.8	14.0	14.1	14.8
SITE HEIGHT (FEET)	92.3	101.5	112.7	87.9	97.9	88.6
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	140	130	180	280	290	220
LIVE BASAL AREA (SQ. FT/A)	285.6	285.7	284.0	301.9	319.0	269.2
LIVE TOTAL VOLUME (CU. FT/A)	8890	9658	10537	9274	10264	7728
CROWN COMPETITION FACTOR	236	232	246	285	311	251
RELATIVE DENSITY INDEX	64.9	63.8	68.9	80.5	84.7	69.5
MEAN DIAMETER (IN)	19.3	20.1	17.0	14.1	14.2	15.0
SITE HEIGHT (FEET)	94.3	102.9	113.5	89.7	99.5	90.1
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 245 BIG LOOKOUT MTH #2
 REGION: NORTHEAST OREGON COWBENSHIP: BLM (OREGON)
 LEGAL DESCRIPTION: T12S R44E SECTION 12 MERIDIAN: WILLABETTE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CONT	200 #	CONT	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1981)						
STAND AGE =	52					
LIVE TREES PER ACRE	150	170	220	340	330	300
LIVE BASAL AREA (SQ. FT/A)	216.1	178.2	168.3	202.4	142.0	243.2
LIVE TOTAL VOLUME (CU. FT/A)	4619	3681	3252	3751	2533	4891
CROWN COMPETITION FACTOR	196	176	178	227	167	253
RELATIVE DENSITY INDEX	53.6	47.9	48.9	62.6	47.6	69.6
MEAN DIAMETER (IN)	16.3	13.9	11.8	10.4	8.9	12.2
SITE HEIGHT (FEET)	65.3	62.1	56.8	55.5	53.3	53.7
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	100.0	100.0	100.0	100.0
2 YEARS AFTER TREATMENT (1983)						
LIVE TREES PER ACRE	150	170	220	340	330	300
LIVE BASAL AREA (SQ. FT/A)	224.1	185.8	174.1	211.4	147.4	253.2
CROWN COMPETITION FACTOR	202	182	182	234	172	260
RELATIVE DENSITY INDEX	55.1	49.4	50.2	64.7	49.0	71.8
MEAN DIAMETER (IN)	16.6	14.2	12.0	10.7	9.0	12.4
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1985)						
LIVE TREES PER ACRE	150	170	200	300	310	300
LIVE BASAL AREA (SQ. FT/A)	231.6	194.5	174.3	205.9	147.2	264.5
LIVE TOTAL VOLUME (CU. FT/A)	5282	4299	3566	4017	2813	5675
CROWN COMPETITION FACTOR	207	188	179	223	169	268
RELATIVE DENSITY INDEX	56.5	51.1	49.0	61.5	48.2	74.2
MEAN DIAMETER (IN)	16.8	14.3	12.6	11.2	9.3	12.7
SITE HEIGHT (FEET)	66.6	66.8	59.7	58.9	57.2	65.1
DEAD TREES PER ACRE	0.0	0.0	2.0	4.0	2.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	6.2	13.5	6.3	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	10.1	24.0	16.7	0.0
TOPKILL VOLUME (CU. FT/A)	1.8	0.0	2.3	4.1	0.8	7.7
6 YEARS AFTER TREATMENT (1987)						
LIVE TREES PER ACRE	150	170	190	290	290	290
LIVE BASAL AREA (SQ. FT/A)	238.4	200.9	177.8	207.5	146.4	269.1
LIVE TOTAL VOLUME (CU. FT/A)	5593	4575	3708	4158	2872	5982
CROWN COMPETITION FACTOR	212	192	180	224	166	269
RELATIVE DENSITY INDEX	57.7	52.4	49.1	61.3	47.2	74.5
MEAN DIAMETER (IN)	17.1	14.7	13.1	11.5	9.6	13.0
SITE HEIGHT (FEET)	68.4	69.4	61.0	60.6	58.6	67.4
DEAD TREES PER ACRE	0.0	0.0	3.0	5.0	4.0	1.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	7.4	16.7	10.8	4.1
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	11.4	29.5	17.9	6.3
TOPKILL VOLUME (CU. FT/A)	1.9	0.0	3.7	3.4	0.9	7.4

PLOT SUMMARY REPORT

INSTALLATION 246 KETTLE FALLS
 REGION: NORTHEAST WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T36N R37E SECTION 36 MERIDIAN: WILLABETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CGMT	200 #	400 #	200 #	400 #	CONT
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 34					
LIVE TREES PER ACRE	390	320	490	260	370	250
LIVE BASAL AREA (SQ. FT/A)	100.7	86.0	113.8	99.1	104.7	94.2
LIVE TOTAL VOLUME (CU. FT/A)	1968	1750	2067	2280	2250	2349
CROWN COMPETITION FACTOR	126	109	152	121	138	115
RELATIVE DENSITY INDEX	38.4	32.5	44.5	34.3	39.0	32.7
MEAN DIAMETER (IN)	6.9	7.0	6.5	8.4	7.2	8.3
SITE HEIGHT (FEET)	51.3	52.2	48.6	64.1	60.7	72.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	88.9	89.1	95.7	100.0	100.0	100.0
PONDEROSA PINE	11.1	10.9	4.3	0.0	0.0	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	390	320	490	260	370	250
LIVE BASAL AREA (SQ. FT/A)	111.8	97.3	129.1	112.1	117.0	102.0
CROWN COMPETITION FACTOR	139	121	169	134	149	122
RELATIVE DENSITY INDEX	41.5	35.6	49.0	37.6	42.4	34.7
MEAN DIAMETER (IN)	7.2	7.5	7.0	8.9	7.6	8.6
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	390	320	490	260	350	250
LIVE BASAL AREA (SQ. FT/A)	118.9	104.2	139.1	121.0	124.3	107.8
LIVE TOTAL VOLUME (CU. FT/A)	2587	2322	2795	3062	2927	2927
CROWN COMPETITION FACTOR	146	127	180	141	156	127
RELATIVE DENSITY INDEX	43.5	37.5	51.8	39.8	43.8	36.1
MEAN DIAMETER (IN)	7.5	7.7	7.2	9.2	8.1	8.9
SITE HEIGHT (FEET)	57.8	58.3	55.0	72.0	66.8	79.1
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	2.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	1.3	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	25.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	1.1	0.6	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	360	300	450	240	250	250
LIVE BASAL AREA (SQ. FT/A)	122.2	104.8	136.8	124.1	113.2	111.0
LIVE TOTAL VOLUME (CU. FT/A)	2772	2411	2829	3252	2713	3115
CROWN COMPETITION FACTOR	149	126	176	142	140	130
RELATIVE DENSITY INDEX	43.5	37.0	50.1	39.8	38.9	36.9
MEAN DIAMETER (IN)	7.9	8.0	7.5	9.7	8.5	9.0
SITE HEIGHT (FEET)	59.9	59.1	56.9	74.5	68.4	81.8
DEAD TREES PER ACRE	30	20	40	20	60	0.0
DEAD BASAL AREA (SQ. FT/A)	2.0	3.6	7.5	2.0	15.7	0.0
DEAD TOTAL VOLUME (CU. FT/A)	32	74	150	34	373	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	2.3	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 247 PARK RAPIDS
 REGION: NORTHEAST WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T35N R40E SECTION 24 MERIDIAN: WILLAMETTE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	200 #	CONT	400 #	200 #	400 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
STAND AGE =	76					
LIVE TREES PER ACRE	190	200	300	190	210	190
LIVE BASAL AREA (SQ. FT/A)	143.1	120.7	178.4	124.5	137.0	120.9
LIVE TOTAL VOLUME (CU. FT/A)	3985	3464	5072	3258	3804	3184
CROWN COMPETITION FACTOR	154	135	190	141	143	133
RELATIVE DENSITY INDEX	41.7	37.2	55.2	37.6	41.4	36.8
MEAN DIAMETER (IN)	11.8	10.5	10.4	11.0	10.9	10.8
SITE HEIGHT (FEET)	85.2	81.4	81.4	74.8	79.3	75.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	82.9	89.8	73.4	96.8	78.4	96.0
WESTERN LARCH	17.1	4.4	22.6	3.2	0.0	4.0
LODGEPOLE PINE	0.0	5.8	4.0	0.0	0.0	0.0
PONDEROSA PINE	0.0	0.0	0.0	0.0	21.6	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	190	200	300	190	210	190
LIVE BASAL AREA (SQ. FT/A)	154.3	128.4	189.3	137.0	148.7	130.5
CROWN COMPETITION FACTOR	164	142	199	152	153	141
RELATIVE DENSITY INDEX	44.2	39.0	57.7	40.4	44.0	39.0
MEAN DIAMETER (IN)	12.2	10.9	10.8	11.5	11.4	11.2
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	190	190	270	170	190	190
LIVE BASAL AREA (SQ. FT/A)	162.7	131.9	181.8	132.9	151.4	136.6
LIVE TOTAL VOLUME (CU. FT/A)	4720	3926	5393	3644	4442	3707
CROWN COMPETITION FACTOR	170	143	188	144	152	147
RELATIVE DENSITY INDEX	46.0	39.3	54.3	38.4	43.5	40.3
MEAN DIAMETER (IN)	12.5	11.3	11.1	12.0	12.1	11.5
SITE HEIGHT (FEET)	89.3	84.7	84.9	78.8	78.9	77.9
DEAD TREES PER ACRE	0	10	30	20	20	0
DEAD BASAL AREA (SQ. FT/A)	0.0	2.2	15.5	11.9	4.4	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	43	395	306	106	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	190	190	260	170	190	190
LIVE BASAL AREA (SQ. FT/A)	167.0	136.1	181.0	138.7	156.7	140.4
LIVE TOTAL VOLUME (CU. FT/A)	4959	4128	5493	3892	4731	3885
CROWN COMPETITION FACTOR	173	147	188	148	157	151
RELATIVE DENSITY INDEX	46.9	40.2	53.9	39.7	44.7	41.1
MEAN DIAMETER (IN)	12.7	11.5	11.3	12.2	12.3	11.6
SITE HEIGHT (FEET)	91.5	86.5	87.0	80.6	80.9	79.3
DEAD TREES PER ACRE	0	10	40	20	20	0
DEAD BASAL AREA (SQ. FT/A)	0.0	2.3	20.4	11.9	4.4	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	43	533	306	106	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 248 QUINBY FLAT
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T5N R14E SECTION 1 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	CONT	200 #	400 #	CONT	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 64					
LIVE TREES PER ACRE	220	190	210	180	170	170
LIVE BASAL AREA (SQ. FT/A)	129.6	117.3	125.7	106.2	118.5	90.9
LIVE TOTAL VOLUME (CU. FT/A)	3312	2890	3065	2592	3027	2101
CROWN COMPETITION FACTOR	148	137	141	119	131	101
RELATIVE DENSITY INDEX	40.2	36.0	38.8	32.9	35.2	28.9
MEAN DIAMETER (IN)	10.4	10.6	10.5	10.4	11.3	9.9
SITE HEIGHT (FEET)	76.3	71.9	69.4	74.4	74.3	65.0
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	98.6	100.0	92.8	92.9	97.8	81.8
PONDEROSA PINE	1.4	0.0	7.2	7.1	2.2	18.2
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	220	190	210	180	170	170
LIVE BASAL AREA (SQ. FT/A)	146.1	131.8	142.6	119.9	131.9	106.2
CROWN COMPETITION FACTOR	162	151	157	132	141	116
RELATIVE DENSITY INDEX	44.0	39.2	42.7	36.1	38.2	32.5
MEAN DIAMETER (IN)	11.0	11.3	11.2	11.1	11.9	10.7
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	220	190	210	180	170	170
LIVE BASAL AREA (SQ. FT/A)	157.9	143.2	155.8	128.8	142.8	118.1
LIVE TOTAL VOLUME (CU. FT/A)	4309	3746	4050	3335	3818	2958
CROWN COMPETITION FACTOR	173	160	168	141	149	127
RELATIVE DENSITY INDEX	46.6	41.8	45.6	38.1	40.5	35.2
MEAN DIAMETER (IN)	11.5	11.8	11.7	11.5	12.4	11.3
SITE HEIGHT (FEET)	82.0	77.2	75.1	79.6	79.1	70.5
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	220	190	210	180	170	170
LIVE BASAL AREA (SQ. FT/A)	168.6	154.8	168.3	137.2	154.1	129.1
LIVE TOTAL VOLUME (CU. FT/A)	4716	4163	4510	3643	4213	3353
CROWN COMPETITION FACTOR	182	169	177	148	157	135
RELATIVE DENSITY INDEX	49.0	44.3	48.3	39.9	42.9	37.6
MEAN DIAMETER (IN)	11.8	12.2	12.1	11.8	12.9	11.8
SITE HEIGHT (FEET)	84.2	79.5	77.9	81.7	81.2	73.0
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 249 KAISER BUTTE #2
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T6N R15E SECTION 20 MERIDIAN: WILLAMETTE

	PLOT NUMBER					
	1	2	3	4	5	6
TREATMENT	400 #	CONT	200 #	200 #	CONT	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 77					
LIVE TREES PER ACRE	140	150	200	220	250	250
LIVE BASAL AREA (SQ. FT/A)	150.5	171.2	201.1	163.2	171.6	176.2
LIVE TOTAL VOLUME (CU. FT/A)	4923	5721	6514	5213	5752	5318
CROWN COMPETITION FACTOR	144	167	196	177	174	188
RELATIVE DENSITY INDEX	40.2	45.0	54.6	47.8	51.2	52.3
MEAN DIAMETER (IN)	14.0	14.5	13.6	11.7	11.2	11.4
SITE HEIGHT (FEET)	98.2	100.3	104.2	90.9	105.3	93.9
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	93.4	100.0	97.1	100.0
PACIFIC SPRUCE	0.0	0.0	6.6	0.0	2.9	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	140	150	200	220	250	250
LIVE BASAL AREA (SQ. FT/A)	162.2	183.2	218.3	175.3	181.9	191.7
CROWN COMPETITION FACTOR	153	175	209	187	183	199
RELATIVE DENSITY INDEX	42.5	47.4	58.0	50.4	53.5	55.7
MEAN DIAMETER (IN)	14.6	15.0	14.1	12.1	11.6	11.9
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	140	150	200	220	240	250
LIVE BASAL AREA (SQ. FT/A)	171.6	191.9	231.2	184.9	190.6	204.1
LIVE TOTAL VOLUME (CU. FT/A)	5790	6505	7732	6163	6625	6499
CROWN COMPETITION FACTOR	159	181	218	194	188	208
RELATIVE DENSITY INDEX	44.3	49.0	60.6	52.5	54.9	58.3
MEAN DIAMETER (IN)	15.0	15.3	14.6	12.4	12.1	12.2
SITE HEIGHT (FEET)	102.5	102.3	107.1	96.2	109.0	99.6
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	10	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.7	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	13	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	140	150	200	220	240	240
LIVE BASAL AREA (SQ. FT/A)	180.0	201.5	242.8	194.4	200.8	215.8
LIVE TOTAL VOLUME (CU. FT/A)	6143	6897	8190	6553	7079	6983
CROWN COMPETITION FACTOR	165	188	227	202	156	215
RELATIVE DENSITY INDEX	45.9	50.9	62.9	54.5	57.1	60.2
MEAN DIAMETER (IN)	15.3	15.7	14.9	12.7	12.4	12.8
SITE HEIGHT (FEET)	104.2	103.6	107.9	98.0	110.8	101.6
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	10	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.7	1.1
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	13	22
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 250 QUARTZ CREEK #2
 REGION: NORTHERN IDAHO OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T37N R5E SECTION 5 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	200 #	400 #	400 #	200 #	CONT	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 38					
LIVE TREES PER ACRE	340	230	490	280	350	350
LIVE BASAL AREA (SQ. FT/A)	102.6	113.1	138.3	84.3	129.2	118.6
LIVE TOTAL VOLUME (CU. FT/A)	1926	2156	2640	1599	2773	2427
CROWN COMPETITION FACTOR	131	131	183	110	161	152
RELATIVE DENSITY INDEX	37.6	36.7	51.6	30.9	45.0	42.2
MEAN DIAMETER (IN)	7.4	9.5	7.2	7.4	8.2	7.9
SITE HEIGHT (FEET)	57.4	55.2	55.2	55.2	64.2	61.8
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	96.7	98.9	95.9	83.8	95.3	90.3
GRAND FIR	0.4	0.0	3.0	3.0	2.8	9.7
WESTERN REDCEDAR	2.9	0.0	1.2	10.1	0.0	0.0
WESTERN WHITE PINE	0.0	1.1	0.0	3.1	2.0	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	340	230	490	270	350	350
LIVE BASAL AREA (SQ. FT/A)	126.4	140.2	167.0	100.1	146.8	135.5
CROWN COMPETITION FACTOR	157	157	213	125	179	171
RELATIVE DENSITY INDEX	44.0	43.1	59.4	34.9	49.6	46.7
MEAN DIAMETER (IN)	8.3	10.6	7.9	8.2	8.8	8.4
DEAD TREES PER ACRE	0.0	0.0	0.0	10.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.5	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	340	210	490	270	330	350
LIVE BASAL AREA (SQ. FT/A)	146.0	160.7	191.0	115.2	161.6	149.8
LIVE TOTAL VOLUME (CU. FT/A)	3016	3473	4059	2446	3812	3360
CROWN COMPETITION FACTOR	179	173	237	142	193	187
RELATIVE DENSITY INDEX	49.0	46.7	65.7	38.7	52.5	50.3
MEAN DIAMETER (IN)	8.9	11.8	8.5	8.8	9.5	8.9
SITE HEIGHT (FEET)	64.2	64.5	62.9	62.0	72.0	67.7
DEAD TREES PER ACRE	0.0	20.0	0.0	10.0	20.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	3.4	0.0	0.5	2.1	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	44.0	0.0	4.0	26.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	340	210	490	270	310	350
LIVE BASAL AREA (SQ. FT/A)	164.3	182.4	211.5	129.0	170.8	165.7
LIVE TOTAL VOLUME (CU. FT/A)	3550	4192	4742	2881	4206	3875
CROWN COMPETITION FACTOR	196	191	257	155	199	204
RELATIVE DENSITY INDEX	53.6	51.3	70.9	42.2	53.9	54.3
MEAN DIAMETER (IN)	9.4	12.6	8.9	9.4	10.1	9.3
SITE HEIGHT (FEET)	67.3	69.0	66.7	65.1	75.4	70.9
DEAD TREES PER ACRE	0.0	20.0	0.0	10.0	40.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	3.4	0.0	0.5	9.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	44.0	0.0	4.0	177.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 251 GAME CREEK
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T13N R16W SECTION 30 MERIDIAN: PRINCIPAL

TREATMENT	PLOT NUMBER					
	1 200 #	2 CCNT	3 400 #	4 200 #	5 COBT	6 400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 60					
LIVE TREES PER ACRE	320	300	260	470	400	610
LIVE BASAL AREA (SQ. FT/A)	116.1	132.7	138.9	174.2	165.3	178.7
LIVE TOTAL VOLUME (CU. FT/A)	2263	2804	3150	3947	3712	3849
CROWN COMPETITION FACTOR	143	153	157	210	194	229
RELATIVE DENSITY INDEX	40.7	44.2	44.2	60.7	56.0	66.0
MEAN DIAMETER (IN)	8.2	9.0	9.9	8.2	8.7	7.3
SITE HEIGHT (FEET)	56.5	62.8	63.9	71.4	66.2	61.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	99.4	92.9	92.5	87.2	87.3	95.6
WESTERN LARCH	0.6	0.0	3.9	11.1	4.4	4.4
LODGEPOLE PINE	0.0	0.0	0.0	1.6	6.5	0.0
PONDEROSA PINE	0.0	7.1	3.6	0.0	1.8	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	320	300	260	470	400	610
LIVE BASAL AREA (SQ. FT/A)	119.7	137.0	145.0	182.0	169.9	184.7
CROWN COMPETITION FACTOR	148	157	162	217	198	236
RELATIVE DENSITY INDEX	41.6	45.3	45.6	62.7	57.2	67.7
MEAN DIAMETER (IN)	8.3	9.1	10.1	8.4	8.8	7.5
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	320	300	260	470	400	610
LIVE BASAL AREA (SQ. FT/A)	122.8	140.9	149.6	188.2	174.5	190.1
LIVE TOTAL VOLUME (CU. FT/A)	2482	3099	3517	4446	4010	4215
CROWN COMPETITION FACTOR	151	161	165	222	203	241
RELATIVE DENSITY INDEX	42.4	46.2	46.7	64.3	58.3	69.2
MEAN DIAMETER (IN)	8.4	9.3	10.3	8.6	8.9	7.6
SITE HEIGHT (FEET)	58.8	64.9	67.1	74.9	67.7	63.2
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	320	300	260	460	400	610
LIVE BASAL AREA (SQ. FT/A)	125.2	143.9	153.1	190.4	177.3	193.3
LIVE TOTAL VOLUME (CU. FT/A)	2573	3227	3657	4602	4135	4367
CROWN COMPETITION FACTOR	153	163	168	223	205	244
RELATIVE DENSITY INDEX	43.0	47.0	47.5	64.5	59.1	70.0
MEAN DIAMETER (IN)	8.5	9.4	10.4	8.7	9.0	7.6
SITE HEIGHT (FEET)	59.9	66.1	68.7	76.3	68.5	64.3
DEAD TREES PER ACRE	0	0	0	10	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	2.3	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	30	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 252 BLACK CANYON RANCH
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T15N R13W SECTION 6 MERIDIAN: PRINCIPAL

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	CONT	200 #	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
STAND AGE =	89					
LIVE TREES PER ACRE	420	440	290	430	410	450
LIVE BASAL AREA (SQ. FT/A)	150.8	123.9	121.4	154.2	131.5	182.3
LIVE TOTAL VOLUME (CU. FT/A)	3539	2291	2254	3264	2410	4810
CROWN COMPETITION FACTOR	174	160	149	188	158	203
RELATIVE DENSITY INDEX	52.9	46.2	41.0	54.2	47.5	62.1
MEAN DIAMETER (IN)	8.1	7.2	8.8	8.1	7.7	5.6
SITE HEIGHT (FEET)	63.4	51.6	52.1	66.4	57.9	71.7
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	63.0	91.3	100.0	88.8	80.7	59.0
WESTERN LARCH	6.7	0.0	0.0	0.0	0.0	9.2
LODGEPOLE PINE	24.2	6.2	0.0	2.9	0.0	30.4
PONDEROSA PINE	0.0	2.5	0.0	8.3	19.3	1.4
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	420	440	290	430	410	450
LIVE BASAL AREA (SQ. FT/A)	155.9	131.6	128.8	160.9	139.3	189.7
CROWN COMPETITION FACTOR	178	167	156	195	167	211
RELATIVE DENSITY INDEX	54.3	48.4	42.9	55.9	49.6	64.0
MEAN DIAMETER (IN)	8.2	7.4	9.0	8.3	7.9	8.8
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	420	440	290	430	410	450
LIVE BASAL AREA (SQ. FT/A)	160.5	137.5	134.8	166.2	145.6	196.6
LIVE TOTAL VOLUME (CU. FT/A)	3901	2639	2607	3624	2795	5388
CROWN COMPETITION FACTOR	182	173	162	200	174	217
RELATIVE DENSITY INDEX	55.5	50.0	44.4	57.3	51.3	65.7
MEAN DIAMETER (IN)	8.4	7.6	9.2	8.4	8.1	9.0
SITE HEIGHT (FEET)	65.7	54.3	54.7	68.5	60.7	73.8
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	7.5
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	420	440	290	430	410	450
LIVE BASAL AREA (SQ. FT/A)	162.7	141.1	138.8	170.3	149.4	201.5
LIVE TOTAL VOLUME (CU. FT/A)	3998	2736	2713	3757	2889	5585
CROWN COMPETITION FACTOR	184	177	165	203	178	221
RELATIVE DENSITY INDEX	56.0	51.0	45.3	58.3	52.3	66.9
MEAN DIAMETER (IN)	8.4	7.7	9.4	8.5	8.2	9.1
SITE HEIGHT (FEET)	66.4	55.0	55.6	69.3	61.3	75.2
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	7.6

PLOT SUMMARY REPORT

INSTALLATION 253 ELK CREEK RESERVOIR
 REGION: NORTHERN IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T40N R2E SECTION 36 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	200 #	400 #	CONT
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 53					
LIVE TREES PER ACRE	240	230	260	250	320	180
LIVE BASAL AREA (SQ. FT/A)	216.7	201.4	179.6	199.4	218.7	203.2
LIVE TOTAL VOLUME (CU. FT/A)	8080	7253	5631	6592	7229	7765
CROWN COMPETITION FACTOR	225	213	206	216	241	201
RELATIVE DENSITY INDEX	60.4	56.6	53.5	57.3	65.4	53.6
MEAN DIAMETER (IN)	12.9	12.7	11.3	12.1	11.2	14.4
SITE HEIGHT (FEET)	107.5	103.2	88.3	92.5	98.4	118.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	79.4	77.9	47.2	70.6	62.8	85.6
GRAND FIR	20.6	19.7	42.6	26.7	30.1	0.0
WESTERN RED CEDAR	0.0	2.4	10.1	2.7	7.2	12.5
WESTERN WHITE PINE	0.0	0.0	0.0	0.0	0.0	1.9
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	240	230	260	250	320	180
LIVE BASAL AREA (SQ. FT/A)	228.6	214.1	194.1	211.5	234.7	213.4
CROWN COMPETITION FACTOR	237	224	219	226	257	208
RELATIVE DENSITY INDEX	62.9	59.2	56.7	59.9	68.9	55.6
MEAN DIAMETER (IN)	13.2	13.1	11.7	12.5	11.6	14.7
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	240	230	260	250	300	180
LIVE BASAL AREA (SQ. FT/A)	237.8	224.4	207.5	223.2	240.6	223.7
LIVE TOTAL VOLUME (CU. FT/A)	9351	8599	7027	7803	8534	8821
CROWN COMPETITION FACTOR	244	234	231	236	256	216
RELATIVE DENSITY INDEX	64.8	61.4	59.7	62.4	69.1	57.6
MEAN DIAMETER (IN)	13.5	13.4	12.1	12.8	12.1	15.1
SITE HEIGHT (FEET)	113.3	109.9	93.9	97.7	103.9	122.0
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	9.9	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	265	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	230	230	260	250	300	170
LIVE BASAL AREA (SQ. FT/A)	247.7	235.4	221.5	232.8	255.2	225.7
LIVE TOTAL VOLUME (CU. FT/A)	10044	9305	7778	8387	9323	9104
CROWN COMPETITION FACTOR	249	243	241	244	271	216
RELATIVE DENSITY INDEX	66.1	63.6	62.6	64.4	72.2	57.1
MEAN DIAMETER (IN)	14.0	13.7	12.5	13.1	12.5	15.6
SITE HEIGHT (FEET)	116.4	113.4	97.0	100.5	106.4	124.2
DEAD TREES PER ACRE	10	0	0	0	20	10
DEAD BASAL AREA (SQ. FT/A)	1.4	0.0	0.0	0.0	9.9	5.3
DEAD TOTAL VOLUME (CU. FT/A)	33	0	0	0	265	178
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 254 CRANBERRY CREEK
 REGION: NORTHERN IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T38N R2E SECTION 12 MERIDIAN: BOISE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	200 #	400 #	CCNT	CONT	200 #	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 27					
LIVE TREES PER ACRE	610	380	600	360	360	450
LIVE BASAL AREA (SQ. FT/A)	109.6	82.3	89.3	75.5	102.3	94.4
LIVE TOTAL VOLUME (CU. FT/A)	2044	1450	1521	1285	1851	1559
CROWN COMPETITION FACTOR	165	110	135	104	132	131
RELATIVE DENSITY INDEX	45.7	32.8	39.1	30.3	38.1	37.9
MEAN DIAMETER (IN)	5.7	6.3	5.2	6.2	7.2	6.2
SITE HEIGHT (FEET)	52.4	48.7	45.0	46.1	53.1	46.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	71.9	59.0	75.0	93.3	73.5	59.6
GRAND FIR	28.1	17.3	18.5	4.0	11.2	15.8
WESTERN REDCEDAR	0.0	16.4	4.3	1.1	12.1	22.5
WESTERN LARCH	0.0	7.3	2.2	1.5	3.2	2.1
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	610	380	600	360	360	440
LIVE BASAL AREA (SQ. FT/A)	135.6	103.8	107.2	91.5	124.4	115.2
CROWN COMPETITION FACTOR	196	134	157	121	156	155
RELATIVE DENSITY INDEX	53.7	39.0	44.8	35.0	44.1	43.8
MEAN DIAMETER (IN)	6.4	7.1	5.7	6.8	8.0	6.9
DEAD TREES PER ACRE	0	0	0	0	0	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	3.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	610	380	600	360	360	440
LIVE BASAL AREA (SQ. FT/A)	155.4	123.3	121.3	105.0	143.2	138.4
LIVE TOTAL VOLUME (CU. FT/A)	3344	2482	2344	2002	3010	2591
CROWN COMPETITION FACTOR	220	161	173	136	179	184
RELATIVE DENSITY INDEX	59.5	44.4	49.2	38.8	49.0	50.2
MEAN DIAMETER (IN)	6.8	7.7	6.1	7.3	8.5	7.6
SITE HEIGHT (FEET)	61.6	54.4	51.4	52.8	61.4	51.1
DEAD TREES PER ACRE	0	0	0	0	0	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	3.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	46
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	600	380	600	360	350	430
LIVE BASAL AREA (SQ. FT/A)	167.7	141.6	135.8	118.5	158.2	158.0
LIVE TOTAL VOLUME (CU. FT/A)	3832	3058	2788	2395	3546	3171
CROWN COMPETITION FACTOR	235	181	191	150	156	205
RELATIVE DENSITY INDEX	62.7	49.3	53.5	42.5	52.4	55.1
MEAN DIAMETER (IN)	7.2	8.3	6.4	7.8	9.1	8.2
SITE HEIGHT (FEET)	65.5	57.1	54.7	56.6	65.9	53.4
DEAD TREES PER ACRE	10	0	0	0	10	20
DEAD BASAL AREA (SQ. FT/A)	3.4	0.0	0.0	0.0	0.4	4.2
DEAD TOTAL VOLUME (CU. FT/A)	73	0	0	0	6	65
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 255 BIRCH CREEK
 REGION: NORTHERN IDAHO OWNERSHIP: INLAND EMPIRE
 LEGAL DESCRIPTION: T53N R5W SECTION 2 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	CONT	200 #	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 34					
LIVE TREES PER ACRE	790	810	670	660	660	600
LIVE BASAL AREA (SQ. FT/A)	179.5	192.9	175.0	189.8	156.0	168.4
LIVE TOTAL VOLUME (CU. FT/A)	3490	3809	3713	4061	3158	3470
CROWN COMPETITION FACTOR	234	258	227	245	202	207
RELATIVE DENSITY INDEX	70.7	75.1	66.5	70.4	61.1	62.9
MEAN DIAMETER (IN)	6.5	6.6	6.9	7.3	6.5	7.2
SITE HEIGHT (FEET)	53.0	54.0	56.7	58.7	56.0	64.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	87.2	95.0	90.0	92.2	88.8	78.9
GRAND FIR	0.0	3.0	3.8	3.5	0.7	5.0
WESTERN LARCH	0.0	2.0	6.2	0.4	8.9	13.2
LODGEPOLE PINE	0.0	0.0	0.0	0.0	1.6	3.0
PONDEROSA PINE	12.8	0.0	0.0	3.8	0.0	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	790	810	660	660	670	600
LIVE BASAL AREA (SQ. FT/A)	197.8	213.2	194.6	207.7	173.1	186.8
CROWN COMPETITION FACTOR	252	282	246	261	222	225
RELATIVE DENSITY INDEX	76.0	80.9	71.8	75.4	66.0	68.0
MEAN DIAMETER (IN)	6.8	6.9	7.4	7.6	6.9	7.6
DEAD TREES PER ACRE	0	0	10	0	10	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	1.0	0.0	2.6	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	760	750	620	590	560	570
LIVE BASAL AREA (SQ. FT/A)	209.6	222.0	207.2	213.0	168.3	202.4
LIVE TOTAL VOLUME (CU. FT/A)	4459	4769	4812	4987	3780	4583
CROWN COMPETITION FACTOR	263	287	258	261	210	240
RELATIVE DENSITY INDEX	78.6	81.8	74.1	74.7	61.8	71.2
MEAN DIAMETER (IN)	7.1	7.4	7.8	8.1	7.4	8.1
SITE HEIGHT (FEET)	59.0	61.2	63.7	64.7	63.1	70.7
DEAD TREES PER ACRE	30	60	50	70	120	30
DEAD BASAL AREA (SQ. FT/A)	5.6	9.9	6.6	12.9	24.0	2.5
DEAD TOTAL VOLUME (CU. FT/A)	111	198	130	258	470	42
TOPKILL VOLUME (CU. FT/A)	0.8	0.0	1.1	0.4	0.8	1.7
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	730	700	590	550	500	560
LIVE BASAL AREA (SQ. FT/A)	222.3	224.8	220.1	220.3	170.8	213.4
LIVE TOTAL VOLUME (CU. FT/A)	4991	5085	5371	5448	4047	5067
CROWN COMPETITION FACTOR	274	287	274	264	209	251
RELATIVE DENSITY INDEX	81.3	81.2	76.5	75.2	60.7	73.8
MEAN DIAMETER (IN)	7.5	7.7	8.3	8.6	7.9	8.4
SITE HEIGHT (FEET)	62.6	65.6	67.0	69.0	66.2	74.1
DEAD TREES PER ACRE	60	110	80	110	160	40
DEAD BASAL AREA (SQ. FT/A)	7.5	19.9	9.6	21.7	35.2	3.9
DEAD TOTAL VOLUME (CU. FT/A)	143	407	186	454	698	58
TOPKILL VOLUME (CU. FT/A)	2.3	0.0	0.4	0.3	0.4	1.6

PLCT SUMMARY REPORT

INSTALLATION 256 SLY MEADOWS

REGION: NORTHERN IDAHO

OWNERSHIP: INLAND EMPIRE

LEGAL DESCRIPTION: T46N R1E SECTION 31

MERIDIAN: POISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	CONT	400 #	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 36					
LIVE TREES PER ACRE	600	540	600	520	700	450
LIVE BASAL AREA (SQ. FT/A)	184.0	161.6	180.7	188.2	186.9	139.5
LIVE TOTAL VOLUME (CU. FT/A)	4271	3989	4372	4936	4573	3554
CROWN COMPETITION FACTOR	229	209	241	224	231	173
RELATIVE DENSITY INDEX	67.2	59.4	66.3	65.9	70.7	50.8
MEAN DIAMETER (IN)	7.5	7.4	7.4	8.1	7.0	7.5
SITE HEIGHT (FEET)	70.4	70.5	71.3	82.1	76.2	69.3
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	64.2	54.4	58.3	70.3	68.8	44.8
GRAND FIR	18.5	29.3	24.9	21.9	8.9	24.0
WESTERN REDCEDAR	0.0	0.0	12.6	0.0	0.0	0.0
WESTERN LARCH	6.4	12.6	4.2	7.2	2.4	0.0
LODGEPOLE PINE	10.9	3.7	0.0	0.5	20.0	31.2
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	600	530	580	520	700	440
LIVE BASAL AREA (SQ. FT/A)	199.2	175.0	200.7	200.7	199.2	152.1
LIVE TOTAL VOLUME (CU. FT/A)	245	223	260	235	244	187
CROWN COMPETITION FACTOR	71.3	62.7	71.1	69.2	74.1	53.9
RELATIVE DENSITY INDEX	7.8	7.8	8.0	8.4	7.2	8.0
MEAN DIAMETER (IN)	0	10	20	0	0	10
DEAD TREES PER ACRE	0.0	0.4	1.1	0.0	0.0	3.2
DEAD BASAL AREA (SQ. FT/A)						
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	540	440	490	510	480	380
LIVE BASAL AREA (SQ. FT/A)	208.2	171.7	210.2	212.5	165.6	160.4
LIVE TOTAL VOLUME (CU. FT/A)	5353	4807	5712	6014	4516	4520
CROWN COMPETITION FACTOR	250	212	263	245	195	192
RELATIVE DENSITY INDEX	71.8	59.0	70.6	71.9	58.7	54.1
MEAN DIAMETER (IN)	8.4	8.5	8.9	8.7	8.0	8.8
SITE HEIGHT (FEET)	77.6	79.5	79.2	88.8	82.1	73.3
DEAD TREES PER ACRE	60	100	110	10	220	70
DEAD BASAL AREA (SQ. FT/A)	4.3	14.6	10.0	0.5	43.3	8.3
DEAD TOTAL VOLUME (CU. FT/A)	62	282	174	6	908	147
TOPKILL VOLUME (CU. FT/A)	6.9	1.2	1.6	0.1	5.4	2.8
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	510	440	460	500	460	360
LIVE BASAL AREA (SQ. FT/A)	221.6	184.6	226.3	225.5	173.8	173.2
LIVE TOTAL VOLUME (CU. FT/A)	6013	5363	6426	6636	4867	5046
CROWN COMPETITION FACTOR	260	223	276	256	199	202
RELATIVE DENSITY INDEX	74.2	62.3	73.4	74.8	60.2	56.5
MEAN DIAMETER (IN)	8.9	8.8	9.5	9.1	8.3	9.4
SITE HEIGHT (FEET)	81.4	82.4	82.2	92.6	84.6	75.2
DEAD TREES PER ACRE	90	100	140	20	240	90
DEAD BASAL AREA (SQ. FT/A)	7.2	14.6	13.0	1.5	47.0	10.0
DEAD TOTAL VOLUME (CU. FT/A)	112	282	220	35	986	177
TOPKILL VOLUME (CU. FT/A)	7.3	1.3	1.2	0.1	5.6	3.3

PLOT SUMMARY REPORT

INSTALLATION 257 LITTLE CATHERINE CR
 REGION: NORTHEAST OREGON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T4S R41E SECTION 28 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	200 #	CONT	400 #	200 #	400 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 87					
LIVE TREES PER ACRE	190	170	150	110	210	93
LIVE BASAL AREA (SQ. FT/A)	197.4	196.4	164.9	203.8	187.8	103.6
LIVE TOTAL VOLUME (CU. FT/A)	5183	5730	4580	5975	5140	2753
CROWN COMPETITION FACTOR	189	185	162	172	171	99
RELATIVE DENSITY INDEX	53.1	51.5	43.8	47.5	52.5	28.4
MEAN DIAMETER (IN)	13.8	14.6	14.2	18.4	12.8	14.6
SITE HEIGHT (FEET)	76.7	86.4	81.7	89.0	89.1	74.0
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	89.2	100.0	100.0	89.5	85.1	93.4
GRAND FIR	8.7	0.0	0.0	0.0	0.0	0.0
PONDEROSA PINE	2.2	0.0	0.0	10.5	14.9	6.6
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	190	170	150	110	210	93
LIVE BASAL AREA (SQ. FT/A)	210.6	207.1	177.3	215.7	200.5	115.9
CROWN COMPETITION FACTOR	199	192	171	180	181	104
RELATIVE DENSITY INDEX	55.8	53.6	46.2	49.5	55.1	29.8
MEAN DIAMETER (IN)	14.3	14.9	14.7	19.0	13.2	15.1
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	190	170	150	110	210	93
LIVE BASAL AREA (SQ. FT/A)	217.4	214.1	183.8	222.3	207.2	120.8
LIVE TOTAL VOLUME (CU. FT/A)	5855	6369	5100	6584	5650	3070
CROWN COMPETITION FACTOR	204	197	175	184	185	108
RELATIVE DENSITY INDEX	57.1	54.9	47.5	50.7	56.5	30.8
MEAN DIAMETER (IN)	14.5	15.2	15.0	19.3	13.4	15.4
SITE HEIGHT (FEET)	79.1	88.4	82.7	91.3	89.6	74.3
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	3.9	0.7	4.9	0.0	2.6	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	180	170	150	100	210	93
LIVE BASAL AREA (SQ. FT/A)	214.5	218.0	186.0	194.4	210.8	123.0
LIVE TOTAL VOLUME (CU. FT/A)	5800	6485	5158	5708	5745	3138
CROWN COMPETITION FACTOR	199	200	177	162	168	109
RELATIVE DENSITY INDEX	55.8	55.7	47.9	44.7	57.2	31.2
MEAN DIAMETER (IN)	14.8	15.3	15.1	18.9	13.6	15.5
SITE HEIGHT (FEET)	79.4	88.4	82.7	89.1	89.7	74.8
DEAD TREES PER ACRE	10	0	0	10	0	0
DEAD BASAL AREA (SQ. FT/A)	7.8	0.0	0.0	31.1	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	202	0	0	1006	0	0
TOPKILL VOLUME (CU. FT/A)	5.6	0.7	5.0	0.0	2.8	0.0

PLCT SUMMARY REPORT

INSTALLATION 258 RCNDQWA
 REGION: NORTHEAST OREGON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T3N R40E SECTION 23 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	CONT	200 #	400 #	CONT	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 72					
LIVE TREES PER ACRE	170	120	140	210	240	250
LIVE BASAL AREA (SQ. FT/A)	174.0	149.0	172.0	230.1	177.6	188.5
LIVE TOTAL VOLUME (CU. FT/A)	5644	4791	5964	8350	5548	5987
CROWN COMPETITION FACTOR	168	142	163	221	181	191
RELATIVE DENSITY INDEX	47.0	38.4	44.4	61.1	52.0	55.0
MEAN DIAMETER (IN)	13.7	15.1	15.0	14.2	11.6	11.8
SITE HEIGHT (FEET)	98.9	92.3	103.7	104.9	88.3	95.8
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	97.6	96.3	97.7	83.2	79.0	84.3
GRAND FIR	0.0	0.0	2.3	2.0	3.7	7.0
WESTERN LARCH	0.0	3.7	0.0	14.8	6.9	6.1
PONDEROSA PINE	2.4	0.0	0.0	0.0	10.4	2.6
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	160	120	140	210	230	240
LIVE BASAL AREA (SQ. FT/A)	171.4	155.4	182.1	241.3	184.2	184.7
LIVE TOTAL VOLUME (CU. FT/A)	163	146	170	229	188	184
CROWN COMPETITION FACTOR	45.8	39.6	46.3	63.3	52.9	53.6
RELATIVE DENSITY INDEX	14.0	15.4	15.4	14.5	12.1	11.9
MEAN DIAMETER (IN)	10	0	0	0	10	10
DEAD TREES PER ACRE	12.0	0.0	0.0	0.0	2.6	11.9
DEAD BASAL AREA (SQ. FT/A)						
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	160	120	140	210	220	240
LIVE BASAL AREA (SQ. FT/A)	180.4	162.2	192.0	251.3	188.0	193.3
LIVE TOTAL VOLUME (CU. FT/A)	6078	5295	6842	9308	6083	6243
CROWN COMPETITION FACTOR	169	151	177	235	189	190
RELATIVE DENSITY INDEX	47.6	40.9	48.2	65.3	53.1	55.5
MEAN DIAMETER (IN)	14.4	15.7	15.9	14.8	12.5	12.2
SITE HEIGHT (FEET)	102.7	93.6	107.1	107.4	91.5	99.0
DEAD TREES PER ACRE	10	0	0	0	20	10
DEAD BASAL AREA (SQ. FT/A)	12.0	0.0	0.0	0.0	8.3	11.9
DEAD TOTAL VOLUME (CU. FT/A)	363	0	0	0	234	475
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	160	120	140	210	210	200
LIVE BASAL AREA (SQ. FT/A)	187.1	167.7	200.5	258.3	185.6	180.5
LIVE TOTAL VOLUME (CU. FT/A)	6395	5526	7252	9646	6065	5985
CROWN COMPETITION FACTOR	174	154	183	239	184	174
RELATIVE DENSITY INDEX	48.9	41.9	49.8	66.7	52.0	50.3
MEAN DIAMETER (IN)	14.6	16.0	16.2	15.0	12.7	12.9
SITE HEIGHT (FEET)	104.2	94.5	109.2	108.2	93.2	101.3
DEAD TREES PER ACRE	10	0	0	0	30	50
DEAD BASAL AREA (SQ. FT/A)	12.0	0.0	0.0	0.0	15.9	30.0
DEAD TOTAL VOLUME (CU. FT/A)	363	0	0	0	491	974
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 259 RAILROAD CANYON
 REGION: CENTRAL WASHINGTON OWNERSHIP: LONGVIEW FIBER
 LEGAL DESCRIPTION: T25N R13E SECT 2 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CONT	200 #	400 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 71					
LIVE TREES PER ACRE	300	350	300	390	390	330
LIVE BASAL AREA (SQ. FT/A)	246.6	160.8	139.2	191.1	223.3	177.7
LIVE TOTAL VOLUME (CU. FT/A)	7356	4101	3290	5052	6866	4773
CROWN COMPETITION FACTOR	259	194	165	223	258	208
RELATIVE DENSITY INDEX	70.4	53.1	45.8	62.1	69.8	56.4
MEAN DIAMETER (IN)	12.3	9.2	9.2	9.5	10.2	9.9
SITE HEIGHT (FEET)	86.4	73.0	70.0	78.9	93.1	81.6
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	99.1	98.7	100.0	100.0
PONDEROSA PINE	0.0	0.0	0.9	1.3	0.0	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	300	350	300	390	390	330
LIVE BASAL AREA (SQ. FT/A)	260.3	171.7	143.9	200.5	237.0	186.6
LIVE TOTAL VOLUME (CU. FT/A)	269	205	169	231	269	217
CROWN COMPETITION FACTOR	73.3	55.7	47.0	64.3	73.0	58.5
RELATIVE DENSITY INDEX	12.6	9.5	9.4	9.7	10.6	10.2
MEAN DIAMETER (IN)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	300	350	300	390	390	330
LIVE BASAL AREA (SQ. FT/A)	266.1	177.3	147.5	206.3	243.7	190.5
LIVE TOTAL VOLUME (CU. FT/A)	8162	4658	3530	5602	7744	5245
CROWN COMPETITION FACTOR	274	210	175	236	274	220
RELATIVE DENSITY INDEX	74.5	57.1	47.9	65.7	74.5	59.4
MEAN DIAMETER (IN)	12.8	9.6	9.5	9.8	10.7	10.3
SITE HEIGHT (FEET)	89.5	76.0	71.2	81.6	96.6	84.4
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	300	350	300	390	390	330
LIVE BASAL AREA (SQ. FT/A)	272.2	182.7	150.9	212.4	250.1	195.2
LIVE TOTAL VOLUME (CU. FT/A)	8487	4867	3653	5844	8075	5458
CROWN COMPETITION FACTOR	279	216	177	241	279	226
RELATIVE DENSITY INDEX	75.8	58.4	48.7	67.2	75.9	60.5
MEAN DIAMETER (IN)	12.9	9.8	9.6	10.0	10.8	10.4
SITE HEIGHT (FEET)	91.1	77.3	72.2	82.8	98.1	85.9
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.7	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 260 TUMWATER MTN
 REGION: CENTRAL WASHINGTON OWNERSHIP: LONGVIEW FIBER
 LEGAL DESCRIPTION: T24N R17E SECTION 3 MERIDIAN: WILLAMETTE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	200 #	CCNT	400 #	CONT	200 #	400 #
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 74					
LIVE TREES PER ACRE	260	240	270	170	230	240
LIVE BASAL AREA (SQ. FT/A)	191.8	239.1	220.8	235.0	201.5	211.8
LIVE TOTAL VOLUME (CU. FT/A)	6632	8491	7469	7655	5962	7242
CROWN COMPETITION FACTOR	195	237	218	213	208	215
RELATIVE DENSITY INDEX	56.2	65.0	63.1	58.9	56.6	59.4
MEAN DIAMETER (IN)	11.6	13.5	12.2	15.9	12.7	12.7
SITE HEIGHT (FEET)	107.9	103.7	105.2	94.2	86.0	101.0
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	90.7	96.2	84.4	98.8	100.0	92.1
GRAND FIR	0.7	3.8	3.4	1.2	0.0	4.6
PONDEROSA PINE	8.6	0.0	12.1	0.0	0.0	3.3
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	250	240	270	170	230	230
LIVE BASAL AREA (SQ. FT/A)	198.2	249.6	231.4	241.7	210.9	216.9
CROWN COMPETITION FACTOR	196	245	226	218	215	217
RELATIVE DENSITY INDEX	57.1	67.2	65.4	60.1	58.6	59.8
MEAN DIAMETER (IN)	12.1	13.8	12.5	16.1	13.0	13.1
DEAD TREES PER ACRE	10	0	0	0	0	10
DEAD BASAL AREA (SQ. FT/A)	6.1	0.0	0.0	0.0	0.0	4.4
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	250	240	270	170	230	230
LIVE BASAL AREA (SQ. FT/A)	206.7	256.9	239.8	249.6	219.7	225.8
LIVE TOTAL VOLUME (CU. FT/A)	7591	9395	8419	8388	6813	8017
CROWN COMPETITION FACTOR	202	250	232	224	221	224
RELATIVE DENSITY INDEX	58.9	68.6	67.1	61.6	60.4	61.7
MEAN DIAMETER (IN)	12.3	14.0	12.8	16.4	13.2	13.4
SITE HEIGHT (FEET)	113.7	106.6	108.4	97.6	91.0	105.8
DEAD TREES PER ACRE	10	0	0	0	0	10
DEAD BASAL AREA (SQ. FT/A)	6.1	0.0	0.0	0.0	0.0	4.4
DEAD TOTAL VOLUME (CU. FT/A)	117	0	0	0	0	138
TOPKILL VOLUME (CU. FT/A)	0.4	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	210	240	270	160	230	200
LIVE BASAL AREA (SQ. FT/A)	183.5	263.3	246.0	250.4	226.8	194.3
LIVE TOTAL VOLUME (CU. FT/A)	6897	9773	8792	8547	7160	6938
CROWN COMPETITION FACTOR	178	254	236	222	226	192
RELATIVE DENSITY INDEX	51.6	69.9	68.4	60.8	61.9	53.2
MEAN DIAMETER (IN)	12.7	14.2	12.9	16.9	13.4	13.3
SITE HEIGHT (FEET)	115.3	108.4	111.0	99.4	92.9	108.0
DEAD TREES PER ACRE	50	0	0	10	0	40
DEAD BASAL AREA (SQ. FT/A)	36.3	0.0	0.0	5.0	0.0	42.0
DEAD TOTAL VOLUME (CU. FT/A)	1164	0	0	172	0	1536
TOPKILL VOLUME (CU. FT/A)	6.5	0.0	0.0	2.1	0.0	6.6

PLOT SUMMARY REPORT

INSTALLATION 261 SECOND CREEK
 REGION: CENTRAL WASHINGTON OWNERSHIP: LONGVIEW FIBER
 LEGAL DESCRIPTION: T26N R18E SECTION 22 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	200 #	CONT	400 #	CONT	400 #	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 75					
LIVE TREES PER ACRE	280	290	250	270	270	270
LIVE BASAL AREA (SQ. FT/A)	107.4	211.2	126.7	126.2	127.6	181.0
LIVE TOTAL VOLUME (CU. FT/A)	2747	7519	3642	3264	3629	5536
CROWN COMPETITION FACTOR	137	232	148	161	162	204
RELATIVE DENSITY INDEX	37.1	62.1	40.8	41.5	41.8	54.4
MEAN DIAMETER (IN)	8.4	11.6	9.6	9.3	9.3	11.1
SITE HEIGHT (FEET)	73.3	105.2	86.2	75.3	86.2	84.5
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	89.8	100.0	94.6	73.8	70.4	89.5
GRAND FIR	10.2	0.0	5.4	26.2	29.6	10.5
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	280	290	250	270	270	270
LIVE BASAL AREA (SQ. FT/A)	121.6	217.7	141.3	134.1	141.3	193.0
CROWN COMPETITION FACTOR	151	236	163	168	175	213
RELATIVE DENSITY INDEX	40.7	63.5	44.3	43.4	45.1	57.0
MEAN DIAMETER (IN)	8.9	11.7	10.2	9.5	9.8	11.4
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	280	290	250	270	270	270
LIVE BASAL AREA (SQ. FT/A)	131.4	222.1	151.9	139.8	150.5	201.1
LIVE TOTAL VOLUME (CU. FT/A)	3529	8037	4607	3765	4541	6401
CROWN COMPETITION FACTOR	160	240	174	173	185	220
RELATIVE DENSITY INDEX	43.1	64.5	46.8	44.8	47.3	58.8
MEAN DIAMETER (IN)	9.3	11.9	10.6	9.7	10.1	11.7
SITE HEIGHT (FEET)	78.0	107.2	91.6	78.7	91.3	87.7
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	1.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	270	290	250	240	210	260
LIVE BASAL AREA (SQ. FT/A)	133.2	226.8	161.1	132.4	129.4	201.2
LIVE TOTAL VOLUME (CU. FT/A)	3652	8299	5007	3653	4037	6512
CROWN COMPETITION FACTOR	160	243	184	158	151	217
RELATIVE DENSITY INDEX	43.2	65.5	48.9	41.8	39.7	58.3
MEAN DIAMETER (IN)	9.5	12.0	10.9	10.1	10.6	11.9
SITE HEIGHT (FEET)	80.6	108.7	94.3	80.6	93.4	89.6
DEAD TREES PER ACRE	10	0	0	30	60	10
DEAD BASAL AREA (SQ. FT/A)	6.3	0.0	0.0	12.8	27.8	6.9
DEAD TOTAL VOLUME (CU. FT/A)	189	0	0	332	802	239
TOPKILL VOLUME (CU. FT/A)	0.0	1.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 262 STEVENS PASS
 REGION: CENTRAL WASHINGTON OWNERSHIP: LONGVIEW FIBER
 LEGAL DESCRIPTION: T26N R15E SECTION 3 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	200 #	400 #	CONT	200 #	400 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 75					
LIVE TREES PER ACRE	350	420	350	360	410	360
LIVE BASAL AREA (SQ. FT/A)	168.8	224.7	173.1	247.2	217.3	282.5
LIVE TOTAL VOLUME (CU. FT/A)	4855	7167	5370	8615	6548	9430
CROWN COMPETITION FACTOR	204	263	212	288	261	312
RELATIVE DENSITY INDEX	55.1	71.4	56.1	73.8	69.2	81.6
MEAN DIAMETER (IN)	9.4	9.9	9.5	11.2	9.9	12.0
SITE HEIGHT (FEET)	86.8	95.1	87.9	95.0	84.5	102.5
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	76.6	70.9	78.3	47.9	52.7	61.9
GRAND FIR	19.2	24.3	20.5	52.1	40.7	15.3
WESTERN RED CEDAR	0.0	0.0	0.0	0.0	0.9	17.7
WESTERN HEMLOCK	4.2	4.8	1.1	0.0	5.7	5.2
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	350	410	350	360	410	340
LIVE BASAL AREA (SQ. FT/A)	177.8	233.9	180.1	259.8	230.5	272.9
CROWN COMPETITION FACTOR	214	269	219	299	274	301
RELATIVE DENSITY INDEX	57.2	73.1	57.8	76.6	72.3	78.4
MEAN DIAMETER (IN)	9.7	10.2	9.7	11.5	10.2	12.1
DEAD TREES PER ACRE	0.0	1.0	0.0	0.0	0.0	2.0
DEAD BASAL AREA (SQ. FT/A)	0.0	1.4	0.0	0.0	0.0	21.6
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	350	410	340	360	410	330
LIVE BASAL AREA (SQ. FT/A)	187.5	244.6	180.2	270.0	244.6	276.8
LIVE TOTAL VOLUME (CU. FT/A)	5656	8238	5796	9846	7791	9476
CROWN COMPETITION FACTOR	222	278	216	308	286	301
RELATIVE DENSITY INDEX	59.6	75.6	57.4	78.9	75.6	78.6
MEAN DIAMETER (IN)	9.9	10.5	9.9	11.7	10.5	12.4
SITE HEIGHT (FEET)	90.6	99.9	90.9	99.8	89.5	107.5
DEAD TREES PER ACRE	0.0	1.0	1.0	0.0	0.0	3.0
DEAD BASAL AREA (SQ. FT/A)	0.0	1.4	6.5	0.0	0.0	26.8
DEAD TOTAL VOLUME (CU. FT/A)	0.0	22	195	0.0	0.0	982
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	340	410	340	360	410	330
LIVE BASAL AREA (SQ. FT/A)	194.7	255.4	187.4	280.8	258.4	288.4
LIVE TOTAL VOLUME (CU. FT/A)	6047	8844	6167	10492	8472	10091
CROWN COMPETITION FACTOR	227	287	222	314	298	310
RELATIVE DENSITY INDEX	60.8	78.1	59.1	81.2	78.8	81.0
MEAN DIAMETER (IN)	10.2	10.7	10.1	12.0	10.7	12.7
SITE HEIGHT (FEET)	92.6	102.8	93.3	102.6	92.0	109.6
DEAD TREES PER ACRE	1.0	1.0	1.0	0.0	0.0	3.0
DEAD BASAL AREA (SQ. FT/A)	2.3	1.4	6.5	0.0	0.0	26.8
DEAD TOTAL VOLUME (CU. FT/A)	58	22	195	0.0	0.0	982
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	4.1	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 263 N.P. TEANAWAY RIVER
 REGION: CENTRAL WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T21N R16E SECTION 20 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	200 #	CONT	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 87					
LIVE TREES PER ACRE	210	200	180	260	220	170
LIVE BASAL AREA (SQ. FT/A)	128.2	129.6	138.7	209.5	193.2	129.7
LIVE TOTAL VOLUME (CU. FT/A)	3513	3572	4439	5867	5462	3496
CROWN COMPETITION FACTOR	139	141	145	222	207	139
RELATIVE DENSITY INDEX	39.4	39.3	40.2	60.1	54.2	37.7
MEAN DIAMETER (IN)	10.6	10.9	11.9	12.2	12.7	11.8
SITE HEIGHT (FEET)	84.5	82.5	93.3	80.8	84.6	77.5
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	69.1	85.3	85.5	85.6	100.0	89.5
GRAND FIR	14.3	0.0	0.0	3.8	0.0	0.0
PONDEROSA PINE	16.6	14.7	14.5	10.6	0.0	10.5
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	210	200	180	260	220	170
LIVE BASAL AREA (SQ. FT/A)	135.3	141.7	151.9	220.2	201.7	139.9
CROWN COMPETITION FACTOR	146	152	156	230	214	150
RELATIVE DENSITY INDEX	41.0	42.0	43.1	62.4	56.0	39.9
MEAN DIAMETER (IN)	10.9	11.4	12.4	12.5	13.0	12.3
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	210	200	180	260	220	170
LIVE BASAL AREA (SQ. FT/A)	141.7	151.4	162.6	228.7	209.2	147.3
LIVE TOTAL VOLUME (CU. FT/A)	4018	4353	5457	6686	6154	4182
CROWN COMPETITION FACTOR	151	161	163	237	219	156
RELATIVE DENSITY INDEX	42.5	44.1	45.3	64.2	57.6	41.5
MEAN DIAMETER (IN)	11.1	11.8	12.9	12.7	13.2	12.6
SITE HEIGHT (FEET)	87.6	86.7	98.2	84.8	88.9	83.0
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	210	200	180	250	220	170
LIVE BASAL AREA (SQ. FT/A)	149.1	160.6	173.7	230.5	217.9	155.7
LIVE TOTAL VOLUME (CU. FT/A)	4312	4720	5959	6830	6538	4526
CROWN COMPETITION FACTOR	158	167	171	233	225	162
RELATIVE DENSITY INDEX	44.1	46.1	47.6	63.9	59.8	43.2
MEAN DIAMETER (IN)	11.4	12.1	13.3	13.0	13.5	13.0
SITE HEIGHT (FEET)	89.5	88.7	100.7	86.8	91.0	85.3
DEAD TREES PER ACRE	0	0	0	10	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	9.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	313	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 264 RENPRO PEAK
 REGION: NORTHERN IDAHO OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T44N R1E SECTION 11 MERIDIAN: BOISE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	200 #	CCYT	400 #	200 #	CCYT	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 50					
LIVE TREES PER ACRE	370	500	680	350	360	380
LIVE BASAL AREA (SQ. FT/A)	205.8	218.5	256.7	237.6	263.5	242.7
LIVE TOTAL VOLUME (CU. FT/A)	5467	5970	6941	6723	7811	6870
CROWN COMPETITION FACTOR	238	261	312	261	288	263
RELATIVE DENSITY INDEX	64.8	73.0	89.0	71.1	77.4	73.8
MEAN DIAMETER (IN)	10.1	9.0	8.3	11.2	11.6	10.8
SITE HEIGHT (FEET)	76.5	81.3	84.5	81.1	81.6	85.4
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	64.3	75.0	55.7	65.8	68.8	64.1
GRAND FIR	27.8	12.7	23.2	28.7	23.2	23.4
WESTERN REDCEDAR	0.0	0.3	0.0	0.0	0.0	0.0
WESTERN LARCH	7.1	10.1	20.0	5.5	8.0	12.5
ENGELMANN SPRUCE	0.8	1.8	1.2	0.0	0.0	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	370	500	660	350	360	380
LIVE BASAL AREA (SQ. FT/A)	218.3	226.1	262.0	253.8	274.0	259.0
CROWN COMPETITION FACTOR	248	268	317	276	296	277
RELATIVE DENSITY INDEX	67.7	74.9	89.7	74.8	79.7	77.5
MEAN DIAMETER (IN)	10.4	9.1	8.5	11.5	11.8	11.2
DEAD TREES PER ACRE	0.0	0.0	2.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	3.7	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	370	490	650	350	360	380
LIVE BASAL AREA (SQ. FT/A)	229.2	225.7	269.7	267.0	283.1	273.0
LIVE TOTAL VOLUME (CU. FT/A)	6501	6392	7710	8114	8874	8272
CROWN COMPETITION FACTOR	259	267	323	286	302	289
RELATIVE DENSITY INDEX	70.2	74.5	91.3	77.6	81.7	80.6
MEAN DIAMETER (IN)	10.7	9.2	8.7	11.8	12.0	11.5
SITE HEIGHT (FEET)	80.9	84.6	89.7	86.6	86.0	90.5
DEAD TREES PER ACRE	0.0	1.0	3.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	6.8	6.3	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	194	146	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	5.0	2.7	2.7	0.1	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	370	490	610	350	360	370
LIVE BASAL AREA (SQ. FT/A)	240.9	234.7	274.4	281.4	295.0	286.1
LIVE TOTAL VOLUME (CU. FT/A)	7066	6817	8192	8834	9503	9007
CROWN COMPETITION FACTOR	270	275	319	299	312	300
RELATIVE DENSITY INDEX	72.9	76.7	91.0	80.8	84.3	82.9
MEAN DIAMETER (IN)	10.9	9.4	9.1	12.1	12.3	11.9
SITE HEIGHT (FEET)	83.5	86.7	92.5	89.1	88.2	93.0
DEAD TREES PER ACRE	0.0	1.0	7.0	0.0	0.0	1.0
DEAD BASAL AREA (SQ. FT/A)	0.0	6.8	14.5	0.0	0.0	1.1
DEAD TOTAL VOLUME (CU. FT/A)	0.0	194	335	0.0	0.0	2.0
TOPKILL VOLUME (CU. FT/A)	0.0	5.1	1.3	4.2	0.7	0.2

PLOT SUMMARY REPORT

GVI 3.86 (overall)
4.04 (Midway Crt)

INSTALLATION 265 MALLOWY CREEK
 REGION: NORTHERN IDAHO OWNERSHIP: PCTLATCH
 LEGAL DESCRIPTION: T41N R2E SECTION 18 MERIDIAN: BOISE

PLOT NUMBER

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CONT	CONT	200 #	400 #
	2N	2N	3000	CONT	0	0
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 32					
LIVE TREES PER ACRE	260	330	340	320	320	350
LIVE BASAL AREA (SQ. FT/A)	131.0	129.8	166.9	94.9	130.5	121.6
LIVE TOTAL VOLUME (CU. FT/A)	2969	2881	3952	1827	2704	2551
CROWN COMPETITION FACTOR	159	160	197	126	159	153
RELATIVE DENSITY INDEX	42.2	44.5	54.2	35.0	44.4	43.0
MEAN DIAMETER (IN)	9.6	8.5	9.5	7.4	8.6	8.0
SITE HEIGHT (FEET)	62.3	61.9	67.5	53.5	57.8	63.9
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	90.0	78.4	89.1	83.0	75.8	94.9
GRAND FIR	1.6	12.9	7.0	16.0	14.3	5.1
WESTERN RED CEDAR	8.4	1.6	0.0	0.0	0.0	0.0
WESTERN LARCH	0.0	4.8	2.2	0.0	0.0	0.0
WESTERN WHITE PINE	0.0	2.3	1.6	1.0	9.9	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	260	320	340	320	320	350
LIVE BASAL AREA (SQ. FT/A)	151.4	148.9	182.4	108.3	149.2	139.0
CROWN COMPETITION FACTOR	179	180	212	143	178	171
RELATIVE DENSITY INDEX	47.1	49.0	57.9	38.6	49.1	47.6
MEAN DIAMETER (IN)	10.3	9.2	9.9	7.9	9.2	8.5
DEAD TREES PER ACRE	0	10	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	3.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	250	320	340	320	300	350
LIVE BASAL AREA (SQ. FT/A)	164.8	166.8	196.1	120.7	159.0	153.8
LIVE TOTAL VOLUME (CU. FT/A)	4099	4107	5108	2572	3704	3540
CROWN COMPETITION FACTOR	189	197	224	156	168	186
RELATIVE DENSITY INDEX	49.7	53.4	61.2	41.9	50.6	51.3
MEAN DIAMETER (IN)	11.0	9.8	10.3	8.3	9.9	9.0
SITE HEIGHT (FEET)	69.1	67.7	74.7	60.2	64.6	69.9
DEAD TREES PER ACRE	10	10	0	0	20	0
DEAD BASAL AREA (SQ. FT/A)	4.5	3.0	0.0	0.0	6.3	0.0
DEAD TOTAL VOLUME (CU. FT/A)	105	70	0	0	113	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	250	310	340	310	300	350
LIVE BASAL AREA (SQ. FT/A)	180.1	181.9	210.2	133.4	174.1	167.2
LIVE TOTAL VOLUME (CU. FT/A)	4620	4649	5711	2988	4199	3976
CROWN COMPETITION FACTOR	205	208	236	170	201	198
RELATIVE DENSITY INDEX	53.1	56.5	64.4	44.8	54.2	54.7
MEAN DIAMETER (IN)	11.5	10.4	10.6	8.9	10.3	9.4
SITE HEIGHT (FEET)	71.5	70.9	78.1	63.0	67.5	72.1
DEAD TREES PER ACRE	10	20	0	10	20	0
DEAD BASAL AREA (SQ. FT/A)	4.5	3.7	0.0	1.0	6.3	0.0
DEAD TOTAL VOLUME (CU. FT/A)	105	80	0	12	113	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

$$(4620 + 105) - 2969 = \text{GVI} - 8 \downarrow$$

$$[(1291 - 130) + 4]$$

PLOT SUMMARY REPORT

INSTALLATION 266 DOUGLAS FALLS #1
 REGION: NORTHEAST WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T36N R39E SECTION 16 MERIDIAN: WILLAFETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	CCMT	200 #	CONT	400 #	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 83					
LIVE TREES PER ACRE	230	260	290	220	250	220
LIVE BASAL AREA (SQ. FT/A)	132.7	110.7	133.8	97.5	136.8	120.6
LIVE TOTAL VOLUME (CU. FT/A)	3197	2515	3346	2351	3554	3100
CROWN COMPETITION FACTOR	151	134	157	116	157	138
RELATIVE DENSITY INDEX	41.4	37.2	44.1	32.5	43.2	38.1
MEAN DIAMETER (IN)	10.3	8.8	9.2	9.0	10.0	10.0
SITE HEIGHT (FEET)	71.8	62.5	73.0	71.9	78.0	74.7
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	91.1	96.6	100.0	97.4
WESTERN LARCH	0.0	0.0	3.9	3.4	0.0	0.0
LODGEPOLE PINE	0.0	0.0	5.1	0.0	0.0	0.0
PONDEROSA PINE	0.0	0.0	0.0	0.0	0.0	2.6
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	230	260	290	220	250	220
LIVE BASAL AREA (SQ. FT/A)	140.7	116.2	143.0	103.4	147.7	128.3
CROWN COMPETITION FACTOR	159	140	165	121	167	147
RELATIVE DENSITY INDEX	43.2	38.6	46.4	33.9	45.8	39.9
MEAN DIAMETER (IN)	10.6	9.1	9.5	9.3	10.4	10.3
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	230	260	280	220	250	220
LIVE BASAL AREA (SQ. FT/A)	147.4	119.9	148.3	107.7	156.1	133.7
LIVE TOTAL VOLUME (CU. FT/A)	3713	2824	3887	2712	4264	3582
CROWN COMPETITION FACTOR	165	143	168	125	175	151
RELATIVE DENSITY INDEX	44.8	39.5	47.2	35.0	47.7	41.1
MEAN DIAMETER (IN)	10.8	9.2	9.9	9.5	10.7	10.6
SITE HEIGHT (FEET)	75.3	64.6	75.1	75.2	82.9	77.8
DEAD TREES PER ACRE	0	0	10	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	2.3	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	47	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	230	260	280	220	250	220
LIVE BASAL AREA (SQ. FT/A)	155.0	125.3	154.3	112.8	164.6	140.0
LIVE TOTAL VOLUME (CU. FT/A)	3998	3013	4145	2911	4602	3832
CROWN COMPETITION FACTOR	172	148	174	131	184	156
RELATIVE DENSITY INDEX	46.5	40.9	48.7	36.2	49.7	42.6
MEAN DIAMETER (IN)	11.1	9.4	10.1	9.7	11.0	10.8
SITE HEIGHT (FEET)	77.4	66.1	77.2	77.0	85.1	79.5
DEAD TREES PER ACRE	0	0	10	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	2.3	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	47	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 267 DOUGLAS FALLS #2
 REGION: NORTHEAST WASHINGTON OWNERSHIP: WASHINGTON D&B
 LEGAL DESCRIPTION: T36N R39E SECTION 16 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1 400 #	2 CONT	3 200 #	4 400 #	5 CONT	6 200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 81					
LIVE TREES PER ACRE	250	200	200	220	210	190
LIVE BASAL AREA (SQ. FT/A)	157.8	124.5	110.1	120.3	107.1	88.2
LIVE TOTAL VOLUME (CU. FT/A)	4106	3371	2988	3295	2583	2106
CROWN COMPETITION FACTOR	180	135	122	138	126	106
RELATIVE DENSITY INDEX	48.1	38.1	34.7	38.0	34.4	29.0
MEAN DIAMETER (IN)	10.8	10.7	10.0	10.0	9.7	9.2
SITE HEIGHT (FEET)	72.2	80.6	82.6	81.3	68.1	66.8
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	98.5	100.0	100.0	100.0
LODGEPOLE PINE	0.0	0.0	1.5	0.0	0.0	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	250	200	200	220	210	190
LIVE BASAL AREA (SQ. FT/A)	166.7	132.2	116.7	129.3	112.1	98.9
CROWN COMPETITION FACTOR	188	141	128	145	131	118
RELATIVE DENSITY INDEX	50.1	39.8	36.3	40.1	35.6	31.6
MEAN DIAMETER (IN)	11.1	11.0	10.3	10.4	9.9	9.8
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	250	200	190	200	210	190
LIVE BASAL AREA (SQ. FT/A)	175.0	138.3	116.5	129.0	116.2	106.3
LIVE TOTAL VOLUME (CU. FT/A)	4780	3904	3276	3666	2887	2639
CROWN COMPETITION FACTOR	194	146	125	142	135	125
RELATIVE DENSITY INDEX	52.0	41.2	35.8	39.1	36.6	33.4
MEAN DIAMETER (IN)	11.3	11.3	10.6	10.9	10.1	10.1
SITE HEIGHT (FEET)	76.3	84.5	86.1	84.6	70.4	70.4
DEAD TREES PER ACRE	0	0	10	20	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	6.1	6.7	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	173	173	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	250	200	190	200	200	190
LIVE BASAL AREA (SQ. FT/A)	181.2	143.9	126.1	136.1	116.5	113.8
LIVE TOTAL VOLUME (CU. FT/A)	5086	4144	3619	3951	2957	2885
CROWN COMPETITION FACTOR	199	151	134	149	133	133
RELATIVE DENSITY INDEX	53.4	42.5	38.0	40.7	36.2	35.1
MEAN DIAMETER (IN)	11.5	11.5	11.0	11.2	10.3	10.5
SITE HEIGHT (FEET)	78.4	86.4	87.8	86.6	71.9	72.4
DEAD TREES PER ACRE	0	0	10	20	10	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	1.6	6.7	3.8	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	44	173	66	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 268 SHEEP CREEK
 REGION: NORTHEAST WASHINGTON OWNERSHIP: INLAND EMPIRE
 LEGAL DESCRIPTION: T40N R39E SECTION 8 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	200 #	CONT	400 #	400 #	200 #	CONT
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
STAND AGE =	55					
LIVE TREES PER ACRE	370	310	340	280	440	410
LIVE BASAL AREA (SQ. FT/A)	181.1	145.6	198.6	187.6	216.7	193.3
LIVE TOTAL VOLUME (CU. FT/A)	4559	3747	5763	5571	6333	5321
CROWN COMPETITION FACTOR	216	172	219	202	243	217
RELATIVE DENSITY INDEX	58.8	47.8	61.7	56.3	70.3	63.4
MEAN DIAMETER (IN)	9.5	9.3	10.3	11.1	9.5	9.3
SITE HEIGHT (FEET)	70.9	71.9	82.8	84.5	91.1	86.6
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	97.7	92.7	86.6	90.1
GRAND FIR	0.0	0.0	0.3	7.3	6.4	0.0
WESTERN RED CEDAR	0.0	0.0	0.0	0.0	0.0	5.1
WESTERN LARCH	0.0	0.0	0.0	0.0	1.4	0.0
PONDEROSA PINE	0.0	0.0	2.0	0.0	0.0	0.0
ENGELMANN SPRUCE	0.0	0.0	0.0	0.0	5.6	4.8
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	370	300	340	280	440	410
LIVE BASAL AREA (SQ. FT/A)	193.4	150.1	210.9	199.0	232.4	203.3
CROWN COMPETITION FACTOR	228	175	228	211	257	225
RELATIVE DENSITY INDEX	61.8	48.5	64.6	58.9	74.1	65.8
MEAN DIAMETER (IN)	9.8	9.6	10.7	11.4	9.8	9.5
DEAD TREES PER ACRE	0	10	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	3.9	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	370	300	330	280	440	410
LIVE BASAL AREA (SQ. FT/A)	203.1	158.1	219.3	208.5	245.4	213.0
LIVE TOTAL VOLUME (CU. FT/A)	5393	4279	6718	6512	7520	6148
CROWN COMPETITION FACTOR	237	183	232	219	267	234
RELATIVE DENSITY INDEX	64.1	50.4	66.0	61.0	77.2	68.2
MEAN DIAMETER (IN)	10.0	9.8	11.0	11.7	10.1	9.8
SITE HEIGHT (FEET)	75.1	76.7	88.3	89.4	96.5	91.1
DEAD TREES PER ACRE	0	10	10	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	3.9	2.1	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	106	57	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	2.7	1.0	1.1	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	370	300	300	240	390	410
LIVE BASAL AREA (SQ. FT/A)	210.8	165.0	222.0	203.4	244.0	220.2
LIVE TOTAL VOLUME (CU. FT/A)	5719	4588	6967	6485	7675	6501
CROWN COMPETITION FACTOR	245	190	230	205	259	241
RELATIVE DENSITY INDEX	65.9	52.1	65.0	57.6	74.5	69.9
MEAN DIAMETER (IN)	10.2	10.0	11.6	12.5	10.7	9.9
SITE HEIGHT (FEET)	76.9	79.3	90.4	91.4	98.7	93.3
DEAD TREES PER ACRE	0	10	40	40	50	0
DEAD BASAL AREA (SQ. FT/A)	0.0	3.9	8.5	12.0	10.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	106	234	372	264	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	2.3	1.0	1.1	0.0

PLOT SUMMARY REPORT

INSTALLATION 269 UPPER BURNT PCHK CR
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T15N R16W SECTION 27 MERIDIAN: PRINCIPAL

TREATMENT	PLOT NUMBER					
	1 CONT	2 200 #	3 400 #	4 200 #	5 400 #	6 CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 57					
LIVE TREES PER ACRE	320	270	370	290	350	280
LIVE BASAL AREA (SQ. FT/A)	147.2	130.6	147.7	130.1	157.4	160.4
LIVE TOTAL VOLUME (CU. FT/A)	2967	2437	2810	2639	2890	3256
CROWN COMPETITION FACTOR	169	153	175	155	189	181
RELATIVE DENSITY INDEX	48.6	42.6	50.5	43.2	52.2	50.1
MEAN DIAMETER (IN)	9.2	9.4	8.6	9.1	9.1	10.2
SITE HEIGHT (FEET)	57.9	54.5	55.7	58.8	49.1	60.3
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	84.9	93.1	94.4	96.5	96.7	92.9
WESTERN LARCH	4.5	1.0	3.6	0.0	0.0	4.5
LODGPOLE PINE	10.6	5.9	0.0	3.5	3.3	2.6
ENGELMANN SPRUCE	0.0	0.0	2.0	0.0	0.0	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	320	270	370	290	350	280
LIVE BASAL AREA (SQ. FT/A)	150.8	137.1	154.6	135.1	165.8	167.0
CROWN COMPETITION FACTOR	174	159	181	159	188	186
RELATIVE DENSITY INDEX	49.5	44.1	52.3	44.4	54.3	51.6
MEAN DIAMETER (IN)	9.3	9.6	8.8	9.2	9.3	10.5
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	320	270	370	290	350	280
LIVE BASAL AREA (SQ. FT/A)	154.8	143.0	161.5	140.6	172.6	172.4
LIVE TOTAL VOLUME (CU. FT/A)	3252	2814	3257	2978	3325	3651
CROWN COMPETITION FACTOR	177	164	187	164	204	190
RELATIVE DENSITY INDEX	50.4	45.6	54.0	45.8	56.0	52.9
MEAN DIAMETER (IN)	9.4	9.9	8.9	9.4	9.5	10.6
SITE HEIGHT (FEET)	60.8	58.1	59.4	61.8	51.9	63.4
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	320	270	370	290	350	280
LIVE BASAL AREA (SQ. FT/A)	156.9	145.8	165.6	144.0	175.6	174.9
LIVE TOTAL VOLUME (CU. FT/A)	3360	2947	3413	3129	3456	3776
CROWN COMPETITION FACTOR	179	167	191	166	207	192
RELATIVE DENSITY INDEX	51.0	46.2	55.0	46.6	56.7	53.5
MEAN DIAMETER (IN)	9.5	10.0	9.1	9.5	9.6	10.7
SITE HEIGHT (FEET)	61.8	59.7	60.7	63.6	53.2	64.5
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.5	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 270 HOWARD CREEK
 REGION: MONTANA OWNERSHIP: CHAMPIGN
 LEGAL DESCRIPTION: T12N R23W SECTION 19 MERIDIAN: PRINCIPAL

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CCNT	CONT	200 #	400 #
SENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 49					
LIVE TREES PER ACRE	170	280	260	230	240	260
LIVE BASAL AREA (SQ. FT/A)	124.6	129.9	111.0	104.3	132.4	139.4
LIVE TOTAL VOLUME (CU. FT/A)	2245	2539	2322	1954	2528	3035
CROWN COMPETITION FACTOR	130	142	124	123	150	158
RELATIVE DENSITY INDEX	36.6	42.8	37.3	34.5	41.8	45.1
MEAN DIAMETER (IN)	11.6	9.2	8.8	9.1	10.1	9.6
SITE HEIGHT (FEET)	52.4	56.2	58.8	53.8	50.5	64.0
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	99.0	78.2	74.6	95.9	94.6	89.0
WESTERN LARCH	0.0	0.0	2.4	0.0	0.0	0.0
LODGEPOLE PINE	0.0	0.0	14.6	0.0	0.0	0.0
PONDEROSA PINE	1.0	21.8	8.4	4.1	5.4	11.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	170	280	260	230	240	280
LIVE BASAL AREA (SQ. FT/A)	134.2	137.8	115.4	110.1	140.0	145.7
CROWN COMPETITION FACTOR	137	149	127	129	157	163
RELATIVE DENSITY INDEX	38.7	44.7	38.4	36.0	43.5	46.6
MEAN DIAMETER (IN)	12.0	9.5	9.0	9.4	10.3	9.8
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	170	280	260	230	240	280
LIVE BASAL AREA (SQ. FT/A)	141.8	146.6	119.2	116.2	146.1	150.9
LIVE TOTAL VOLUME (CU. FT/A)	2723	3119	2643	2312	2962	3453
CROWN COMPETITION FACTOR	143	157	130	134	162	169
RELATIVE DENSITY INDEX	40.3	46.8	39.4	37.5	44.9	47.9
MEAN DIAMETER (IN)	12.4	9.8	9.2	9.6	10.6	9.9
SITE HEIGHT (FEET)	56.4	61.5	62.6	57.4	53.7	67.5
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	170	280	260	230	240	280
LIVE BASAL AREA (SQ. FT/A)	146.4	152.3	122.4	120.0	149.8	154.5
LIVE TOTAL VOLUME (CU. FT/A)	2880	3313	2758	2435	3101	3600
CROWN COMPETITION FACTOR	147	163	133	137	167	172
RELATIVE DENSITY INDEX	41.3	48.2	40.2	38.4	45.8	48.7
MEAN DIAMETER (IN)	12.6	10.0	9.3	9.8	10.7	10.1
SITE HEIGHT (FEET)	57.8	63.0	63.7	58.7	55.0	68.9
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 271 WHITNEY CREEK OWNERSHIP: CHAMPION
 REGION: MONTANA MERIDIAN: PRINCIPAL
 LEGAL DESCRIPTION: T25N R27W SECTION 7

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CONT	400 #	200 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 57					
LIVE TREES PER ACRE	350	340	530	300	540	440
LIVE BASAL AREA (SQ. FT/A)	158.5	148.9	173.7	130.0	174.0	149.1
LIVE TOTAL VOLUME (CU. FT/A)	3598	3705	4157	2974	3764	3224
CROWN COMPETITION FACTOR	168	166	190	141	151	169
RELATIVE DENSITY INDEX	52.5	49.7	62.4	43.5	62.8	53.1
MEAN DIAMETER (IN)	9.1	9.0	7.8	8.9	7.7	7.9
SITE HEIGHT (FEET)	63.8	68.2	65.5	64.6	57.7	58.9
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	55.0	70.3	44.9	63.9	48.3	60.6
WESTERN LARCH	26.8	10.9	29.6	7.5	9.6	5.9
LODGEPOLE PINE	0.7	8.4	14.4	8.5	21.2	11.2
PONDEROSA PINE	17.5	10.3	11.1	20.1	20.9	22.3
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	350	340	500	300	450	420
LIVE BASAL AREA (SQ. FT/A)	167.6	156.3	165.5	138.6	153.6	149.1
CROWN COMPETITION FACTOR	175	173	182	149	169	168
RELATIVE DENSITY INDEX	54.8	51.6	59.3	45.7	54.6	52.5
MEAN DIAMETER (IN)	9.4	9.2	7.8	9.2	7.9	8.1
DEAD TREES PER ACRE	0	0	30	0	90	20
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	13.3	0.0	28.0	3.1
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	310	310	470	250	370	420
LIVE BASAL AREA (SQ. FT/A)	156.3	152.2	165.9	130.7	143.5	154.7
LIVE TOTAL VOLUME (CU. FT/A)	3683	3946	4053	3065	3044	3437
CROWN COMPETITION FACTOR	166	169	184	141	159	175
RELATIVE DENSITY INDEX	50.4	49.4	58.5	41.8	49.4	54.0
MEAN DIAMETER (IN)	9.6	9.5	8.0	9.8	8.4	8.2
SITE HEIGHT (FEET)	69.4	73.0	68.7	68.8	61.7	62.0
DEAD TREES PER ACRE	40	30	60	50	170	20
DEAD BASAL AREA (SQ. FT/A)	21.7	12.5	20.6	17.1	47.7	3.1
DEAD TOTAL VOLUME (CU. FT/A)	558	368	573	484	1239	94
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	300	300	430	240	370	420
LIVE BASAL AREA (SQ. FT/A)	162.7	155.6	158.1	131.6	149.9	158.1
LIVE TOTAL VOLUME (CU. FT/A)	3902	4115	3840	3133	3250	3551
CROWN COMPETITION FACTOR	172	173	176	141	165	177
RELATIVE DENSITY INDEX	51.5	49.8	55.2	41.6	51.1	54.8
MEAN DIAMETER (IN)	10.0	9.8	8.2	10.0	8.6	8.3
SITE HEIGHT (FEET)	70.5	74.6	69.6	70.2	63.2	62.9
DEAD TREES PER ACRE	50	40	100	60	170	20
DEAD BASAL AREA (SQ. FT/A)	22.2	13.6	33.4	22.4	47.7	3.1
DEAD TOTAL VOLUME (CU. FT/A)	565	388	962	612	1239	94
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 272 INDIAN CREEK OWNERSHIP: CHAMPION
 REGION: MONTANA MERIDIAN: PRINCIPAL
 LEGAL DESCRIPTION: T25N R27W SECTION 5

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	CCNT	200 #	400 #	400 #	200 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 57					
LIVE TREES PER ACRE	690	640	560	530	640	620
LIVE BASAL AREA (SQ. FT/A)	143.2	138.3	122.3	129.7	129.3	144.8
LIVE TOTAL VOLUME (CU. FT/A)	3126	3257	2610	2930	3013	3420
CROWN COMPETITION FACTOR	189	176	156	164	168	182
RELATIVE DENSITY INDEX	57.7	55.1	48.6	50.1	52.4	56.6
MEAN DIAMETER (IN)	6.2	6.3	6.3	6.7	6.1	6.5
SITE HEIGHT (FEET)	64.9	66.0	62.0	62.7	61.7	65.2
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	83.6	73.6	77.2	83.8	71.5	71.4
GRAND FIR	1.6	0.0	0.8	0.0	0.7	1.6
WESTERN LARCH	9.5	15.4	11.9	7.0	1.8	4.0
LODGEPOLE PINE	5.0	11.1	5.5	7.0	26.0	22.2
PONDEROSA PINE	0.0	0.0	3.2	1.3	0.0	0.0
ENGELMANN SPRUCE	0.3	0.0	1.4	1.0	0.0	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	690	610	560	530	630	620
LIVE BASAL AREA (SQ. FT/A)	147.8	138.1	129.8	137.8	135.8	151.3
CROWN COMPETITION FACTOR	194	177	164	173	175	189
RELATIVE DENSITY INDEX	59.0	54.4	50.8	52.5	54.2	58.5
MEAN DIAMETER (IN)	6.3	6.4	6.5	6.9	6.3	6.7
DEAD TREES PER ACRE	0.0	30	0	0	10	0
DEAD BASAL AREA (SQ. FT/A)	0.0	9.9	0.0	0.0	1.1	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	680	550	470	420	450	540
LIVE BASAL AREA (SQ. FT/A)	151.9	139.2	118.8	127.0	111.3	133.1
LIVE TOTAL VOLUME (CU. FT/A)	3442	3393	2663	3046	2570	3118
CROWN COMPETITION FACTOR	197	174	148	157	147	169
RELATIVE DENSITY INDEX	60.0	53.3	45.5	46.5	43.8	51.3
MEAN DIAMETER (IN)	6.4	6.8	6.8	7.4	6.5	6.7
SITE HEIGHT (FEET)	67.2	69.7	66.4	67.3	65.9	68.8
DEAD TREES PER ACRE	10	90	90	110	150	80
DEAD BASAL AREA (SQ. FT/A)	1.2	18.5	19.3	19.1	33.4	24.0
DEAD TOTAL VOLUME (CU. FT/A)	24	474	425	430	920	719
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.3
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	660	540	440	390	480	530
LIVE BASAL AREA (SQ. FT/A)	151.2	145.5	121.8	127.6	118.1	137.6
LIVE TOTAL VOLUME (CU. FT/A)	3441	3600	2781	3090	2778	3278
CROWN COMPETITION FACTOR	197	181	148	157	154	173
RELATIVE DENSITY INDEX	59.4	54.9	45.6	45.8	45.6	52.4
MEAN DIAMETER (IN)	6.5	7.0	7.1	7.7	6.7	6.9
SITE HEIGHT (FEET)	68.2	71.0	67.9	68.8	67.6	70.5
DEAD TREES PER ACRE	30	100	120	140	160	90
DEAD BASAL AREA (SQ. FT/A)	6.2	19.4	24.1	25.8	34.1	25.2
DEAD TOTAL VOLUME (CU. FT/A)	168	500	530	621	932	750
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.3

PLCT SUMMARY REPORT

INSTALLATION 273 LITTLE BEAVER CREEK
 REGION: NORTHERN IDAHO OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T37N R5E SECTION 1 MERIDIAN: BOISE

TREATMENT	PLCT NUMBER					
	1 200 #	2 CONT	3 400 #	4 200 #	5 CCBT	6 400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 36					
LIVE TREES PER ACRE	420	420	570	400	350	320
LIVE BASAL AREA (SQ. FT/A)	127.8	144.1	159.5	178.7	143.1	121.0
LIVE TOTAL VOLUME (CU. FT/A)	2642	3291	3416	4803	3139	2443
CROWN COMPETITION FACTOR	169	190	207	205	179	143
RELATIVE DENSITY INDEX	46.8	51.2	59.6	59.4	48.6	41.9
MEAN DIAMETER (IN)	7.5	7.9	7.2	9.1	8.7	8.3
SITE HEIGHT (FEET)	55.7	62.6	57.2	66.2	59.3	55.0
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	65.8	74.4	65.4	73.2	75.9	80.0
GRAND FIR	21.3	19.3	14.2	2.7	10.1	2.6
WESTERN REDCEDAR	13.0	6.3	10.9	3.2	10.2	7.2
WESTERN LARCH	0.0	0.0	9.5	20.9	3.8	10.1
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	400	420	570	400	350	320
LIVE BASAL AREA (SQ. FT/A)	144.8	164.7	187.4	202.4	162.5	145.4
CROWN COMPETITION FACTOR	193	212	239	232	200	175
RELATIVE DENSITY INDEX	50.7	56.6	67.3	65.2	53.5	48.1
MEAN DIAMETER (IN)	8.1	8.5	7.8	9.6	9.2	9.1
DEAD TREES PER ACRE	20	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	5.1	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	380	420	560	390	340	320
LIVE BASAL AREA (SQ. FT/A)	156.4	179.7	205.9	215.3	175.3	166.1
LIVE TOTAL VOLUME (CU. FT/A)	3578	4471	4801	6023	4191	3710
CROWN COMPETITION FACTOR	205	234	259	242	212	197
RELATIVE DENSITY INDEX	53.1	60.4	71.9	67.9	56.2	53.2
MEAN DIAMETER (IN)	8.7	8.9	8.2	10.1	9.7	9.8
SITE HEIGHT (FEET)	60.7	69.1	64.3	73.5	64.7	61.6
DEAD TREES PER ACRE	40	0	10	10	10	0
DEAD BASAL AREA (SQ. FT/A)	11.8	0.0	3.6	4.9	2.5	0.0
DEAD TOTAL VOLUME (CU. FT/A)	254	0	80	114	49	0
TOPKILL VOLUME (CU. FT/A)	0.2	0.0	3.1	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	380	420	530	380	340	310
LIVE BASAL AREA (SQ. FT/A)	172.3	195.6	214.8	214.4	191.5	181.7
LIVE TOTAL VOLUME (CU. FT/A)	4149	5062	5229	5862	4778	4234
CROWN COMPETITION FACTOR	224	250	267	246	227	208
RELATIVE DENSITY INDEX	57.1	64.4	73.1	67.2	60.1	56.4
MEAN DIAMETER (IN)	9.1	9.2	8.6	10.2	10.2	10.4
SITE HEIGHT (FEET)	63.9	72.0	67.3	77.0	67.8	64.7
DEAD TREES PER ACRE	40	0	40	20	10	10
DEAD BASAL AREA (SQ. FT/A)	11.8	0.0	13.8	23.4	2.5	2.9
DEAD TOTAL VOLUME (CU. FT/A)	254	0	298	936	49	66
TOPKILL VOLUME (CU. FT/A)	0.2	0.0	3.3	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 274 CARZYWOOD CREEK
 REGION: NORTHERN IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T54N R2W SECTION 16 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	200 #	CONT	400 #	200 #	400 #	CONT
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 60					
LIVE TREES PER ACRE	120	130	160	190	220	190
LIVE BASAL AREA (SQ. FT/A)	141.3	121.2	142.5	127.6	131.8	137.4
LIVE TOTAL VOLUME (CU. FT/A)	4196	3723	4182	3685	3620	3918
CROWN COMPETITION FACTOR	134	122	144	141	147	149
RELATIVE DENSITY INDEX	36.9	33.5	39.9	38.3	40.7	40.5
MEAN DIAMETER (IN)	14.7	13.1	12.8	11.1	10.5	11.5
SITE HEIGHT (FEET)	83.9	93.5	86.6	83.6	78.3	79.7
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	89.2	100.0	94.4	97.4	97.5
GRAND FIR	0.0	0.0	0.0	2.4	0.0	0.0
WESTERN LARCH	0.0	10.8	0.0	3.2	0.0	2.5
LOGSPOLE PINE	0.0	0.0	0.0	0.0	2.6	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	120	130	150	190	220	190
LIVE BASAL AREA (SQ. FT/A)	152.0	126.3	133.8	140.7	143.5	147.6
CROWN COMPETITION FACTOR	142	126	135	152	156	156
RELATIVE DENSITY INDEX	38.9	34.6	37.4	41.2	43.4	42.7
MEAN DIAMETER (IN)	15.2	13.3	12.8	11.7	10.9	11.9
DEAD TREES PER ACRE	0	0	10	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	19.6	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	120	130	140	190	210	190
LIVE BASAL AREA (SQ. FT/A)	161.0	130.8	139.9	151.1	151.7	156.1
LIVE TOTAL VOLUME (CU. FT/A)	5003	4119	4258	4483	4368	4595
CROWN COMPETITION FACTOR	148	129	137	161	163	163
RELATIVE DENSITY INDEX	40.6	35.5	38.0	43.5	44.7	44.6
MEAN DIAMETER (IN)	15.7	13.6	13.5	12.1	11.5	12.3
SITE HEIGHT (FEET)	88.5	92.9	89.4	87.1	83.2	83.5
DEAD TREES PER ACRE	0	0	20	0	10	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	22.0	0.0	1.5	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	694	0	44	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	120	130	140	190	210	190
LIVE BASAL AREA (SQ. FT/A)	167.8	134.8	147.5	158.4	160.4	162.9
LIVE TOTAL VOLUME (CU. FT/A)	5335	4294	4578	4774	4701	4879
CROWN COMPETITION FACTOR	152	131	143	167	169	168
RELATIVE DENSITY INDEX	41.9	36.3	39.6	45.0	46.6	46.0
MEAN DIAMETER (IN)	16.0	13.8	13.9	12.4	11.8	12.5
SITE HEIGHT (FEET)	91.0	94.2	91.4	88.7	85.3	85.3
DEAD TREES PER ACRE	0	0	20	0	10	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	22.0	0.0	1.5	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	694	0	45	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 275 SMITH LAKE
 REGION: NORTHERN IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T63N R1E SECTION 36 MERIDIAN: POISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CONT	200 #	400 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 75					
LIVE TREES PER ACRE	290	380	310	290	340	320
LIVE BASAL AREA (SQ. FT/A)	161.3	203.9	198.1	170.8	146.2	158.1
LIVE TOTAL VOLUME (CU. FT/A)	4197	5553	5620	4880	3536	3883
CROWN COMPETITION FACTOR	178	230	218	193	176	182
RELATIVE DENSITY INDEX	50.8	64.8	60.2	53.0	49.1	51.2
MEAN DIAMETER (IN)	10.1	9.9	10.8	10.4	8.9	9.5
SITE HEIGHT (FEET)	77.3	80.7	85.7	81.1	71.6	67.0
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	93.3	100.0	100.0	96.7	100.0	88.8
WESTERN LARCH	0.6	0.0	0.0	2.1	0.0	0.0
PONDEROSA PINE	6.1	0.0	0.0	1.2	0.0	11.2
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	290	380	310	290	340	320
LIVE BASAL AREA (SQ. FT/A)	174.0	214.7	208.1	181.5	157.4	166.8
CROWN COMPETITION FACTOR	190	240	227	201	188	189
RELATIVE DENSITY INDEX	53.7	67.3	62.5	55.4	51.9	53.3
MEAN DIAMETER (IN)	10.5	10.2	11.1	10.7	9.2	9.8
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	290	380	310	290	340	320
LIVE BASAL AREA (SQ. FT/A)	185.8	224.5	217.4	191.3	169.8	174.8
LIVE TOTAL VOLUME (CU. FT/A)	5093	6348	6353	5686	4332	4463
CROWN COMPETITION FACTOR	199	249	234	211	199	197
RELATIVE DENSITY INDEX	56.4	69.6	64.6	57.7	54.9	55.2
MEAN DIAMETER (IN)	10.8	10.4	11.3	11.0	9.6	10.0
SITE HEIGHT (FEET)	81.4	84.1	87.9	85.0	76.2	71.0
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.6	0.0	0.0	0.7	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	290	380	310	290	340	320
LIVE BASAL AREA (SQ. FT/A)	194.2	229.9	223.3	196.8	178.1	179.6
LIVE TOTAL VOLUME (CU. FT/A)	5461	6617	6643	5957	4653	4686
CROWN COMPETITION FACTOR	205	253	239	216	206	201
RELATIVE DENSITY INDEX	58.3	70.8	65.9	58.9	56.9	56.4
MEAN DIAMETER (IN)	11.1	10.5	11.5	11.2	9.8	10.1
SITE HEIGHT (FEET)	83.5	85.8	89.6	86.8	78.2	72.6
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.7	0.0	0.0	0.7	0.0

PLCT SUMMARY REPORT

INSTALLATION 276 MILL CREEK
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T19N R1E SECTION 34 MERIDIAN: BOISE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CONT	CONT	200 #	400 #
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 61					
LIVE TREES PER ACRE	250	300	250	200	210	230
LIVE BASAL AREA (SQ. FT/A)	151.7	164.9	145.0	152.8	139.0	135.4
LIVE TOTAL VOLUME (CU. FT/A)	3431	3830	3268	3689	3526	3428
CROWN COMPETITION FACTOR	171	182	162	156	142	153
RELATIVE DENSITY INDEX	46.7	52.0	45.2	44.4	41.9	42.0
MEAN DIAMETER (IN)	10.5	10.0	10.3	11.8	11.0	10.4
SITE HEIGHT (FEET)	62.2	67.5	63.3	70.8	71.0	72.2
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	93.9	83.0	91.8	85.0	76.0	86.9
PONDEROSA PINE	6.1	17.0	8.2	15.0	24.0	13.1
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	250	300	250	200	210	230
LIVE BASAL AREA (SQ. FT/A)	160.0	173.5	151.8	162.4	147.5	147.7
CROWN COMPETITION FACTOR	179	190	168	164	150	163
RELATIVE DENSITY INDEX	48.6	54.1	46.7	46.5	43.8	44.8
MEAN DIAMETER (IN)	10.8	10.3	10.6	12.2	11.3	10.9
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	250	300	250	200	210	230
LIVE BASAL AREA (SQ. FT/A)	170.4	184.0	160.4	173.3	157.0	160.3
LIVE TOTAL VOLUME (CU. FT/A)	4080	4580	3828	4419	4249	4293
CROWN COMPETITION FACTOR	189	198	175	173	157	174
RELATIVE DENSITY INDEX	51.0	56.5	48.7	48.8	45.9	47.7
MEAN DIAMETER (IN)	11.2	10.6	10.8	12.6	11.7	11.3
SITE HEIGHT (FEET)	66.2	72.5	66.6	74.8	75.9	76.3
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	2.8	0.4	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	250	250	250	200	200	230
LIVE BASAL AREA (SQ. FT/A)	177.0	170.2	167.4	181.6	159.8	170.2
LIVE TOTAL VOLUME (CU. FT/A)	4374	4375	4110	4755	4484	4710
CROWN COMPETITION FACTOR	193	187	183	179	159	182
RELATIVE DENSITY INDEX	52.4	50.9	50.3	50.6	45.9	49.9
MEAN DIAMETER (IN)	11.4	11.2	11.1	12.9	12.1	11.6
SITE HEIGHT (FEET)	68.5	74.5	68.6	76.8	78.4	79.0
DEAD TREES PER ACRE	0.0	50	0.0	0.0	10	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	18.0	0.0	0.0	4.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	434	0.0	0.0	60	0.0
TOPKILL VOLUME (CU. FT/A)	3.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 277 LITTLE MUD CREEK #2
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T20N R1E SECTION 34 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	200 #	400 #	CONT	CONT	400 #	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 63					
LIVE TREES PER ACRE	290	260	300	200	210	160
LIVE BASAL AREA (SQ. FT/A)	181.7	158.3	181.4	107.4	113.2	91.7
LIVE TOTAL VOLUME (CU. FT/A)	4532	3868	4551	2137	2463	1830
CROWN COMPETITION FACTOR	194	171	201	115	127	101
RELATIVE DENSITY INDEX	55.5	48.7	55.9	34.1	35.9	28.6
MEAN DIAMETER (IN)	10.7	10.6	10.5	9.9	9.9	10.3
SITE HEIGHT (FEET)	69.7	65.8	71.1	52.8	62.8	57.7
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	70.3	76.1	83.1	65.9	80.3	90.0
PONDEROSA PINE	29.7	23.9	16.9	34.1	19.7	10.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	290	260	300	200	210	160
LIVE BASAL AREA (SQ. FT/A)	194.7	170.0	193.8	118.3	123.9	104.3
CROWN COMPETITION FACTOR	205	180	213	125	139	114
RELATIVE DENSITY INDEX	58.4	51.4	58.7	36.6	38.4	31.5
MEAN DIAMETER (IN)	11.1	10.9	10.9	10.4	10.4	10.9
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	290	260	300	200	210	160
LIVE BASAL AREA (SQ. FT/A)	210.4	182.1	207.7	129.7	135.2	116.1
LIVE TOTAL VOLUME (CU. FT/A)	5598	4740	5543	2824	3154	2473
CROWN COMPETITION FACTOR	218	192	225	136	149	125
RELATIVE DENSITY INDEX	62.0	54.1	61.9	39.3	41.0	34.2
MEAN DIAMETER (IN)	11.5	11.3	11.3	10.9	10.9	11.5
SITE HEIGHT (FEET)	74.3	70.7	76.4	58.4	66.9	62.2
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	290	260	300	200	200	160
LIVE BASAL AREA (SQ. FT/A)	219.8	190.0	217.2	138.8	140.0	125.0
LIVE TOTAL VOLUME (CU. FT/A)	6031	5102	5944	3132	3367	2758
CROWN COMPETITION FACTOR	225	199	232	144	152	134
RELATIVE DENSITY INDEX	64.0	55.9	64.0	41.3	41.6	36.1
MEAN DIAMETER (IN)	11.8	11.6	11.5	11.3	11.3	12.0
SITE HEIGHT (FEET)	76.5	73.1	78.4	60.5	69.2	64.4
DEAD TREES PER ACRE	0	0	0	0	10	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	2.7	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	67	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 278 WET GULCH
 REGION: CENTRAL IDAHO
 LEGAL DESCRIPTION: T7N R5E SECTION 19

OWNERSHIP: BOISE CASCADE
 MERIDIAN: BOISE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	400 #	CONT	200 #	CONT	200 #	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 92					
LIVE TREES PER ACRE	180	170	140	190	200	210
LIVE BASAL AREA (SQ. FT/A)	93.2	92.1	83.3	103.1	119.6	126.2
LIVE TOTAL VOLUME (CU. FT/A)	2211	2308	2043	2939	3172	3499
CROWN COMPETITION FACTOR	106	97	90	117	133	143
RELATIVE DENSITY INDEX	29.8	29.2	25.8	32.6	37.0	38.9
MEAN DIAMETER (IN)	9.7	10.0	10.4	10.0	10.5	10.5
SITE HEIGHT (FEET)	74.1	70.0	70.8	81.6	78.9	82.9
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	96.3	74.5	81.9	30.0	100.0	96.3
PACIFIC LARCH	3.7	25.5	18.1	10.0	0.0	3.7
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	180	170	140	190	200	210
LIVE BASAL AREA (SQ. FT/A)	103.3	99.0	91.2	111.0	130.3	137.3
CROWN COMPETITION FACTOR	115	103	97	123	142	152
RELATIVE DENSITY INDEX	32.2	30.8	27.6	34.5	39.4	41.5
MEAN DIAMETER (IN)	10.3	10.3	10.9	10.4	10.9	10.9
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	180	170	140	190	200	200
LIVE BASAL AREA (SQ. FT/A)	112.8	106.7	98.7	119.3	141.5	142.3
LIVE TOTAL VOLUME (CU. FT/A)	2806	2761	2508	3476	3865	4075
CROWN COMPETITION FACTOR	124	110	104	130	152	154
RELATIVE DENSITY INDEX	34.4	32.6	29.3	36.4	41.9	42.1
MEAN DIAMETER (IN)	10.7	10.7	11.4	10.7	11.4	11.4
SITE HEIGHT (FEET)	78.1	72.6	73.8	84.0	83.0	87.0
DEAD TREES PER ACRE	0	0	0	0	0	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	4.9
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	143
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	2.2	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	180	170	140	180	200	200
LIVE BASAL AREA (SQ. FT/A)	119.2	111.2	102.6	119.9	148.5	149.3
LIVE TOTAL VOLUME (CU. FT/A)	3042	2929	2675	3531	4135	4356
CROWN COMPETITION FACTOR	132	113	108	130	159	159
RELATIVE DENSITY INDEX	35.9	33.6	30.1	36.1	43.5	43.6
MEAN DIAMETER (IN)	11.0	10.9	11.6	11.0	11.7	11.7
SITE HEIGHT (FEET)	80.0	73.9	75.6	84.7	84.9	89.0
DEAD TREES PER ACRE	0	0	0	10	0	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	5.0	0.0	4.9
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	165	0	143
TOPKILL VOLUME (CU. FT/A)	0.7	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 279 HENRY CREEK
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T7N R5E SECTION 28 MERIDIAN: BOISE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	CCNT	200 #	400 #	400 #	COBT	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 79					
LIVE TREES PER ACRE	180	150	230	270	210	240
LIVE BASAL AREA (SQ. FT/A)	129.4	122.6	118.6	181.8	156.4	154.6
LIVE TOTAL VOLUME (CU. FT/A)	3470	3585	2835	5385	4458	4391
CROWN COMPETITION FACTOR	137	125	129	187	161	164
RELATIVE DENSITY INDEX	38.2	35.0	38.0	54.5	45.8	46.9
MEAN DIAMETER (IN)	11.5	12.2	9.7	11.1	11.7	10.9
SITE HEIGHT (FEET)	75.5	82.4	66.0	86.5	80.2	79.9
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	94.4	94.8	72.0	68.0	74.9	82.9
PONDEROSA PINE	5.6	5.2	28.0	32.0	25.1	17.1
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	180	150	230	270	210	230
LIVE BASAL AREA (SQ. FT/A)	140.1	133.1	131.1	191.4	165.0	161.3
CROWN COMPETITION FACTOR	145	134	140	194	168	167
RELATIVE DENSITY INDEX	40.5	37.3	41.0	56.7	47.6	47.9
MEAN DIAMETER (IN)	11.9	12.8	10.2	11.4	12.0	11.3
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	4.1
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	180	150	230	270	210	230
LIVE BASAL AREA (SQ. FT/A)	150.3	142.4	143.6	201.3	173.4	172.4
LIVE TOTAL VOLUME (CU. FT/A)	4201	4287	3659	6208	5135	5149
CROWN COMPETITION FACTOR	153	142	150	203	174	176
RELATIVE DENSITY INDEX	42.7	39.2	43.9	58.9	49.4	50.4
MEAN DIAMETER (IN)	12.4	13.2	10.7	11.7	12.3	11.7
SITE HEIGHT (FEET)	79.4	86.2	70.7	90.5	83.7	84.7
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	4.1
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	103
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	180	150	220	260	210	220
LIVE BASAL AREA (SQ. FT/A)	156.3	147.9	149.3	200.1	179.7	172.7
LIVE TOTAL VOLUME (CU. FT/A)	4470	4545	3901	6290	5434	5301
CROWN COMPETITION FACTOR	157	146	154	198	178	176
RELATIVE DENSITY INDEX	44.0	40.3	44.7	58.1	50.8	49.9
MEAN DIAMETER (IN)	12.6	13.4	11.1	11.9	12.5	12.0
SITE HEIGHT (FEET)	81.4	88.4	72.5	92.2	85.5	86.9
DEAD TREES PER ACRE	0.0	0.0	10	10	0.0	20
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	3.0	7.9	0.0	9.5
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	73	238	0.0	239
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 280 SMITH CREEK
 REGION: CENTRAL IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T7N R5E SECTION 2 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	200 #	400 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 65					
LIVE TREES PER ACRE	190	170	240	240	320	230
LIVE BASAL AREA (SQ. FT/A)	109.7	105.8	137.7	112.5	140.5	164.4
LIVE TOTAL VOLUME (CU. FT/A)	2668	2435	3266	2662	3485	4558
CROWN COMPETITION FACTOR	122	114	150	124	149	170
RELATIVE DENSITY INDEX	34.2	32.4	43.0	37.0	46.9	48.6
MEAN DIAMETER (IN)	10.3	10.7	10.3	9.3	9.0	11.4
SITE HEIGHT (FEET)	65.0	66.1	64.0	66.6	68.6	75.6
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	76.3	83.4	77.6	72.2	59.1	70.6
PONDEROSA PINE	23.7	16.6	22.4	27.8	40.9	29.4
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	190	170	240	240	320	230
LIVE BASAL AREA (SQ. FT/A)	120.6	118.7	152.1	125.9	154.5	173.8
CROWN COMPETITION FACTOR	131	125	162	139	165	178
RELATIVE DENSITY INDEX	36.7	35.3	46.3	40.2	50.4	50.7
MEAN DIAMETER (IN)	10.8	11.3	10.8	9.8	9.4	11.8
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	180	170	240	240	320	230
LIVE BASAL AREA (SQ. FT/A)	117.4	130.7	164.1	137.5	168.0	184.4
LIVE TOTAL VOLUME (CU. FT/A)	2837	3152	4093	3443	4447	5329
CROWN COMPETITION FACTOR	131	134	172	148	175	186
RELATIVE DENSITY INDEX	35.5	37.9	49.0	43.0	53.6	53.0
MEAN DIAMETER (IN)	10.9	11.9	11.2	10.1	9.8	12.1
SITE HEIGHT (FEET)	65.5	69.9	68.0	71.6	74.0	79.3
DEAD TREES PER ACRE	10	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	12.2	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	383	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	1.2	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	180	170	230	240	310	230
LIVE BASAL AREA (SQ. FT/A)	122.6	137.0	165.5	144.8	174.6	189.8
LIVE TOTAL VOLUME (CU. FT/A)	3018	3366	4196	3704	4752	5553
CROWN COMPETITION FACTOR	134	139	173	155	160	190
RELATIVE DENSITY INDEX	36.7	39.3	48.8	44.6	54.8	54.1
MEAN DIAMETER (IN)	11.2	12.1	11.5	10.5	10.2	12.3
SITE HEIGHT (FEET)	67.1	71.4	69.3	73.4	75.9	80.4
DEAD TREES PER ACRE	10	0	10	0	10	0
DEAD BASAL AREA (SQ. FT/A)	12.2	0.0	3.3	0.0	1.5	0.0
DEAD TOTAL VOLUME (CU. FT/A)	383	0	89	0	19	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

FLCT SUMMARY REPORT

INSTALLATION 281 O'NEIL HILL
 REGION: NORTHERN IDAHO OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T46N R1E SECTION 32 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	200 #	400 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 44					
LIVE TREES PER ACRE	470	400	320	560	510	610
LIVE BASAL AREA (SQ. FT/A)	207.9	183.2	193.5	223.9	228.2	206.8
LIVE TOTAL VOLUME (CU. FT/A)	5532	4467	4961	5857	5893	5133
CROWN COMPETITION FACTOR	246	212	208	276	273	252
RELATIVE DENSITY INDEX	69.3	60.5	59.6	76.5	75.8	73.7
MEAN DIAMETER (IN)	9.0	9.2	10.5	8.6	9.1	7.9
SITE HEIGHT (FEET)	77.9	67.4	74.9	75.2	77.2	73.3
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	82.8	91.1	97.0	100.0	89.6	85.7
GRAND FIR	10.2	4.9	3.0	0.0	4.5	2.1
WESTERN REDCEDAR	3.3	1.0	0.0	0.0	0.0	0.0
WESTERN HEMLOCK	0.0	0.0	0.0	0.0	2.0	0.0
WESTERN LARCH	0.0	0.0	0.0	0.0	3.9	12.2
LODGEPOLE PINE	3.7	2.9	0.0	0.0	0.0	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	470	400	320	550	500	600
LIVE BASAL AREA (SQ. FT/A)	218.5	195.2	205.7	234.8	238.7	216.2
CROWN COMPETITION FACTOR	256	221	217	284	283	259
RELATIVE DENSITY INDEX	71.9	63.5	62.4	78.9	78.0	75.8
MEAN DIAMETER (IN)	9.2	9.5	10.9	8.8	9.4	8.1
DEAD TREES PER ACRE	0.0	0.0	0.0	1.0	1.0	1.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	1.0	1.0	1.1
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	470	400	310	500	420	580
LIVE BASAL AREA (SQ. FT/A)	228.4	205.6	215.0	233.2	224.4	222.4
LIVE TOTAL VOLUME (CU. FT/A)	6451	5357	5907	6471	6237	5889
CROWN COMPETITION FACTOR	267	230	224	279	260	264
RELATIVE DENSITY INDEX	74.3	66.0	64.0	76.7	71.3	76.8
MEAN DIAMETER (IN)	9.4	9.7	11.3	9.2	9.9	8.4
SITE HEIGHT (FEET)	82.7	73.4	80.8	81.2	82.7	79.0
DEAD TREES PER ACRE	0.0	0.0	1.0	6.0	9.0	3.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	2.2	12.8	26.7	4.1
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	5.1	30.6	59.1	8.1
TOPKILL VOLUME (CU. FT/A)	2.8	0.4	0.3	1.3	3.6	0.7
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	470	390	310	500	400	580
LIVE BASAL AREA (SQ. FT/A)	240.9	217.1	228.9	245.9	236.7	234.6
LIVE TOTAL VOLUME (CU. FT/A)	6959	5849	6472	7004	6823	6367
CROWN COMPETITION FACTOR	281	238	234	291	270	277
RELATIVE DENSITY INDEX	77.4	68.3	67.1	79.8	73.3	80.0
MEAN DIAMETER (IN)	9.7	10.1	11.6	9.5	10.4	8.6
SITE HEIGHT (FEET)	84.6	76.1	82.9	83.8	85.9	81.2
DEAD TREES PER ACRE	0.0	1.0	1.0	6.0	1.0	3.0
DEAD BASAL AREA (SQ. FT/A)	0.0	1.2	2.2	12.8	29.4	4.1
DEAD TOTAL VOLUME (CU. FT/A)	0.0	1.9	5.1	30.6	63.9	8.1
TOPKILL VOLUME (CU. FT/A)	3.1	0.4	0.3	1.5	3.8	0.7

PLOT SUMMARY REPORT

INSTALLATION 282 CCK MTN
 REGION: CENTRAL WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T33N R24E SECTION 15 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CONT	200 #	CONT	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
STAND AGE =	69					
LIVE TREES PER ACRE	250	310	310	270	320	420
LIVE BASAL AREA (SQ. FT/A)	104.3	97.5	104.7	86.3	112.9	113.0
LIVE TOTAL VOLUME (CU. FT/A)	2662	2297	2273	1879	2663	2280
CROWN COMPETITION FACTOR	125	119	129	108	136	142
RELATIVE DENSITY INDEX	35.3	35.4	37.3	31.2	39.8	42.6
MEAN DIAMETER (IN)	8.7	7.6	7.9	7.7	8.0	7.0
SITE HEIGHT (FEET)	74.2	66.3	62.5	62.9	68.7	62.0
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	91.8	86.7	93.5	90.8	86.1	81.3
WESTERN LARCH	2.5	6.6	0.0	5.4	7.7	18.7
PONDEROSA PINE	5.7	6.8	6.5	3.8	6.2	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	250	310	310	270	320	420
LIVE BASAL AREA (SQ. FT/A)	122.0	111.9	116.8	105.2	124.8	132.1
CROWN COMPETITION FACTOR	141	135	142	129	148	161
RELATIVE DENSITY INDEX	39.7	39.2	40.5	36.2	42.9	47.9
MEAN DIAMETER (IN)	9.5	8.1	8.3	8.5	8.5	7.6
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	250	300	310	270	320	420
LIVE BASAL AREA (SQ. FT/A)	131.9	118.1	123.6	116.0	132.3	142.0
LIVE TOTAL VOLUME (CU. FT/A)	3553	2948	2799	2681	3234	3016
CROWN COMPETITION FACTOR	151	140	148	140	155	173
RELATIVE DENSITY INDEX	42.1	40.5	42.2	38.9	44.8	50.6
MEAN DIAMETER (IN)	9.8	8.5	8.6	8.9	8.7	7.9
SITE HEIGHT (FEET)	77.4	71.2	65.1	68.7	71.7	67.2
DEAD TREES PER ACRE	0	10	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	1.2	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	19	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.2	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	240	300	310	270	320	420
LIVE BASAL AREA (SQ. FT/A)	136.4	124.2	130.8	125.2	139.2	150.2
LIVE TOTAL VOLUME (CU. FT/A)	3769	3200	3057	3000	3504	3293
CROWN COMPETITION FACTOR	155	147	157	149	163	182
RELATIVE DENSITY INDEX	42.7	42.1	44.1	41.2	46.6	52.8
MEAN DIAMETER (IN)	10.2	8.7	8.8	9.2	8.9	8.1
SITE HEIGHT (FEET)	79.9	73.8	67.5	71.6	74.1	69.5
DEAD TREES PER ACRE	10	10	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	4.0	1.2	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	107	19	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.2	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 283 SUMMIT CREEK
 REGION: CENTRAL WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T33N R24E SECTION 4 MERIDIAN: WILLAMETTE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	CONT	400 #	200 #	CONT	400 #	200 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 75					
LIVE TREES PER ACRE	280	280	270	300	290	280
LIVE BASAL AREA (SQ. FT/A)	98.2	90.3	100.5	105.8	94.5	95.9
LIVE TOTAL VOLUME (CU. FT/A)	2151	1845	2304	2394	2014	2002
CROWN COMPETITION FACTOR	119	113	120	132	117	118
RELATIVE DENSITY INDEX	34.7	32.6	35.0	37.3	34.0	34.1
MEAN DIAMETER (IN)	8.0	7.7	8.3	8.0	7.7	7.9
SITE HEIGHT (FEET)	61.0	60.6	61.0	60.2	61.7	60.7
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	85.1	91.0	74.1	95.0	89.8	96.7
WESTERN LARCH	0.0	9.0	10.6	0.0	8.8	0.0
LODGEPOLE PINE	14.9	0.0	15.3	5.0	0.0	0.0
PONDEROSA PINE	0.0	0.0	0.0	0.0	1.4	3.3
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	280	280	270	300	290	280
LIVE BASAL AREA (SQ. FT/A)	109.0	112.3	116.8	117.4	114.5	113.2
CROWN COMPETITION FACTOR	130	135	137	145	139	136
RELATIVE DENSITY INDEX	37.5	38.3	39.1	40.3	39.2	38.6
MEAN DIAMETER (IN)	8.4	8.6	8.9	8.5	8.5	8.6
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	280	280	270	300	290	280
LIVE BASAL AREA (SQ. FT/A)	116.5	127.8	128.3	124.8	128.3	124.4
LIVE TOTAL VOLUME (CU. FT/A)	2648	2808	3110	2936	2927	2712
CROWN COMPETITION FACTOR	137	152	147	152	152	148
RELATIVE DENSITY INDEX	39.4	42.3	42.0	42.2	42.7	41.4
MEAN DIAMETER (IN)	8.7	9.1	9.3	8.7	9.0	9.0
SITE HEIGHT (FEET)	64.1	66.8	65.8	63.9	66.9	64.8
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	280	280	270	300	290	280
LIVE BASAL AREA (SQ. FT/A)	123.2	139.8	136.9	131.7	137.7	133.2
LIVE TOTAL VOLUME (CU. FT/A)	2875	3167	3425	3175	3238	2983
CROWN COMPETITION FACTOR	144	164	154	158	162	158
RELATIVE DENSITY INDEX	41.1	45.2	44.1	44.0	45.1	43.6
MEAN DIAMETER (IN)	9.0	9.6	9.6	9.0	9.3	9.3
SITE HEIGHT (FEET)	66.1	69.2	68.3	66.1	69.0	66.8
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 284 H.F. VALLEY CREEK
 REGION: MONTANA OWNERSHIP: FLATHEAD (BIA)
 LEGAL DESCRIPTION: T17N R21W SECTION 22 MERIDIAN: PRINCIPAL

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	400 #	200 #	CONT	400 #	200 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 75					
LIVE TREES PER ACRE	140	150	150	170	140	180
LIVE BASAL AREA (SQ. FT/A)	186.6	149.9	180.4	103.2	99.5	111.1
LIVE TOTAL VOLUME (CU. FT/A)	5836	4448	5456	2360	2375	2379
CROWN COMPETITION FACTOR	175	147	168	119	107	127
RELATIVE DENSITY INDEX	47.2	40.7	46.8	31.8	29.4	34.1
MEAN DIAMETER (IN)	15.6	13.5	14.8	10.6	11.4	10.6
SITE HEIGHT (FEET)	90.4	82.0	88.1	66.0	66.5	62.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	93.5	97.7	100.0	96.0	100.0
PONDEROSA PINE	0.0	6.5	2.3	0.0	4.0	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	140	150	150	170	140	180
LIVE BASAL AREA (SQ. FT/A)	192.4	156.6	188.9	110.3	104.9	117.2
CROWN COMPETITION FACTOR	179	152	174	125	112	132
RELATIVE DENSITY INDEX	48.3	42.1	48.5	33.4	30.7	35.4
MEAN DIAMETER (IN)	15.9	13.8	15.2	10.9	11.7	10.9
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	140	150	150	170	140	180
LIVE BASAL AREA (SQ. FT/A)	198.3	162.1	194.7	115.7	109.4	122.2
LIVE TOTAL VOLUME (CU. FT/A)	6316	4916	6011	2709	2688	2680
CROWN COMPETITION FACTOR	182	156	178	129	117	136
RELATIVE DENSITY INDEX	49.4	43.2	49.6	34.6	31.6	36.6
MEAN DIAMETER (IN)	16.1	14.1	15.4	11.2	12.0	11.2
SITE HEIGHT (FEET)	92.2	83.7	90.0	68.4	68.6	63.8
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	140	150	150	170	140	180
LIVE BASAL AREA (SQ. FT/A)	202.1	167.2	200.8	121.3	113.2	127.1
LIVE TOTAL VOLUME (CU. FT/A)	6485	5113	6256	2869	2808	2821
CROWN COMPETITION FACTOR	185	159	183	134	119	140
RELATIVE DENSITY INDEX	50.1	44.2	50.7	35.9	32.4	37.7
MEAN DIAMETER (IN)	16.3	14.3	15.7	11.4	12.2	11.4
SITE HEIGHT (FEET)	93.0	84.4	91.0	69.4	69.4	64.8
DEAD TREES PER ACRE	0	0	0	0	0	0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0	0	0	0	0	0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 285 S.P. VALLEY CREEK
 REGION: MONTANA OWNERSHIP: FLATHEAD (BIA)
 LEGAL DESCRIPTION: T16N R21W SECTION 2 MERIDIAN: PRINCIPAL

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	400 #	CONT	200 #
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 72					
LIVE TREES PER ACRE	180	180	150	120	140	160
LIVE BASAL AREA (SQ. FT/A)	135.8	116.6	123.9	106.6	120.4	107.3
LIVE TOTAL VOLUME (CU. FT/A)	3559	2725	3154	2666	2928	2546
CROWN COMPETITION FACTOR	146	126	130	113	130	124
RELATIVE DENSITY INDEX	39.6	35.3	35.3	29.8	34.0	32.2
MEAN DIAMETER (IN)	11.8	10.9	12.3	12.8	12.6	11.1
SITE HEIGHT (FEET)	77.7	68.2	74.3	70.2	71.0	66.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	90.5	100.0	100.0	100.0	100.0
PONDEROSA PINE	0.0	9.5	0.0	0.0	0.0	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	180	180	150	120	140	160
LIVE BASAL AREA (SQ. FT/A)	140.1	122.2	129.5	112.0	124.0	111.9
CROWN COMPETITION FACTOR	150	130	134	117	133	127
RELATIVE DENSITY INDEX	40.5	36.6	36.5	31.0	34.7	33.3
MEAN DIAMETER (IN)	11.9	11.2	12.6	13.1	12.7	11.3
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	180	180	150	110	140	160
LIVE BASAL AREA (SQ. FT/A)	145.2	128.5	136.0	109.6	128.7	116.9
LIVE TOTAL VOLUME (CU. FT/A)	3898	3112	3550	2857	3268	2844
CROWN COMPETITION FACTOR	153	135	139	112	136	131
RELATIVE DENSITY INDEX	41.6	38.0	37.9	29.8	35.7	34.4
MEAN DIAMETER (IN)	12.2	11.4	12.9	13.5	13.0	11.6
SITE HEIGHT (FEET)	80.2	70.8	74.3	72.7	73.1	67.9
DEAD TREES PER ACRE	0.0	0.0	0.0	10	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	8.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	1.0	0.0	0.0	177	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	1.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	180	180	150	110	140	160
LIVE BASAL AREA (SQ. FT/A)	149.8	132.7	140.5	114.9	132.1	120.2
LIVE TOTAL VOLUME (CU. FT/A)	4074	3262	3723	3036	3336	2953
CROWN COMPETITION FACTOR	157	138	142	117	139	134
RELATIVE DENSITY INDEX	42.6	38.9	38.8	30.9	36.4	35.1
MEAN DIAMETER (IN)	12.3	11.6	13.1	13.8	13.1	11.7
SITE HEIGHT (FEET)	81.2	72.1	76.0	73.8	74.0	68.6
DEAD TREES PER ACRE	0.0	0.0	0.0	10	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	8.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	1.0	0.0	0.0	177	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	1.1	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 286 BLACK ROCK CREEK
 REGION: NORTHERN IDAHO OWNERSHIP: BLM (IDAHG)
 LEGAL DESCRIPTION: T48N R1W SECTION 8 MERIDIAN: BOISE

	PLOT NUMBER					
	1	2	3	4	5	6
TREATMENT	200 #	CCBT	400 #	CONT	200 #	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 83					
LIVE TREES PER ACRE	190	230	250	240	240	290
LIVE BASAL AREA (SQ. FT/A)	191.6	216.2	249.7	201.5	189.8	223.1
LIVE TOTAL VOLUME (CU. FT/A)	5652	7152	7922	6467	6329	6644
CROWN COMPETITION FACTOR	195	223	249	214	197	243
RELATIVE DENSITY INDEX	52.0	59.7	67.9	57.2	54.7	64.7
MEAN DIAMETER (IN)	13.6	13.1	13.5	12.4	12.0	11.9
SITE HEIGHT (FEET)	91.5	96.3	93.8	90.9	99.6	89.9
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	100.0	100.0	100.0	100.0	100.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	190	230	250	240	240	290
LIVE BASAL AREA (SQ. FT/A)	202.8	224.4	263.6	208.9	198.9	234.5
CROWN COMPETITION FACTOR	203	229	258	219	204	253
RELATIVE DENSITY INDEX	54.2	61.4	70.7	58.8	56.6	67.2
MEAN DIAMETER (IN)	14.0	13.4	13.9	12.6	12.3	12.2
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	190	230	250	240	240	290
LIVE BASAL AREA (SQ. FT/A)	211.7	233.2	275.0	217.4	207.3	244.4
LIVE TOTAL VOLUME (CU. FT/A)	6509	7940	9076	7175	7213	7588
CROWN COMPETITION FACTOR	209	235	266	225	210	261
RELATIVE DENSITY INDEX	56.0	63.2	73.0	60.6	58.4	69.3
MEAN DIAMETER (IN)	14.3	13.6	14.2	12.9	12.6	12.4
SITE HEIGHT (FEET)	95.5	99.7	98.2	93.6	104.1	94.0
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	190	230	250	240	240	290
LIVE BASAL AREA (SQ. FT/A)	219.8	241.2	286.6	226.1	215.6	251.8
LIVE TOTAL VOLUME (CU. FT/A)	6856	8332	9635	7588	7608	7942
CROWN COMPETITION FACTOR	214	240	274	231	216	266
RELATIVE DENSITY INDEX	57.6	64.8	75.3	62.4	60.2	70.9
MEAN DIAMETER (IN)	14.6	13.9	14.5	13.1	12.8	12.6
SITE HEIGHT (FEET)	97.1	101.3	100.2	95.4	105.8	95.6
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 287 JIM FORD CREEK
 REGION: NORTHERN IDAHO CWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T35N R4E SECTION 8 MERIDIAN: BOISE

TREATMENT	PLCT NUMBER					
	1 CONT	2 400 #	3 200 #	4 CONT	5 200 #	6 400 #
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
STAND AGE =	57					
LIVE TREES PER ACRE	410	340	490	450	460	450
LIVE BASAL AREA (SQ. FT/A)	180.6	156.8	210.8	174.1	163.1	158.7
LIVE TOTAL VOLUME (CU. FT/A)	4773	4379	5674	4250	3930	3909
CROWN COMPETITION FACTOR	204	188	261	208	159	196
RELATIVE DENSITY INDEX	60.2	51.7	70.7	60.0	57.4	56.0
MEAN DIAMETER (IN)	9.0	9.2	8.9	8.4	8.1	8.0
SITE HEIGHT (FEET)	83.4	81.0	77.5	70.1	71.0	73.4
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	59.2	86.5	83.2	88.1	89.7	86.1
GRAND FIR	8.4	8.4	11.1	0.0	0.0	5.4
WESTERN LARCH	29.2	5.1	5.6	10.3	10.3	8.5
LODGEPOLE PINE	0.0	0.0	0.0	1.6	0.0	0.0
PONDEROSA PINE	3.2	0.0	0.0	0.0	0.0	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	410	340	490	450	460	450
LIVE BASAL AREA (SQ. FT/A)	188.6	167.8	223.2	181.7	177.7	174.3
CROWN COMPETITION FACTOR	212	197	273	214	213	213
RELATIVE DENSITY INDEX	62.2	54.4	73.8	61.9	61.3	60.0
MEAN DIAMETER (IN)	9.2	9.5	9.1	8.6	8.4	8.4
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	410	340	490	450	460	450
LIVE BASAL AREA (SQ. FT/A)	196.4	177.8	235.0	189.5	189.1	186.3
LIVE TOTAL VOLUME (CU. FT/A)	5498	5269	6712	4865	4854	4942
CROWN COMPETITION FACTOR	220	207	285	221	225	225
RELATIVE DENSITY INDEX	64.2	56.8	76.7	63.9	64.2	63.1
MEAN DIAMETER (IN)	9.4	9.8	9.4	8.8	8.7	8.7
SITE HEIGHT (FEET)	88.3	86.0	82.1	74.5	76.5	80.5
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	410	330	490	440	450	450
LIVE BASAL AREA (SQ. FT/A)	205.4	186.3	246.3	197.2	197.0	197.9
LIVE TOTAL VOLUME (CU. FT/A)	5879	5657	7169	5178	5172	5390
CROWN COMPETITION FACTOR	227	214	295	228	232	237
RELATIVE DENSITY INDEX	66.4	58.4	79.5	65.5	65.8	66.0
MEAN DIAMETER (IN)	9.6	10.2	9.6	9.1	9.0	9.0
SITE HEIGHT (FEET)	90.6	87.9	83.8	76.6	78.5	82.8
DEAD TREES PER ACRE	0.0	10	0.0	10	10	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	1.6	0.0	1.6	3.0	0.0
DEAD TOTAL VOLUME (CU. FT/A)	0.0	36	0.0	35	67	0.0
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0

PLOT SUMMARY REPORT

INSTALLATION 288 NICA MTN
 REGION: NORTHERN IDAHO
 LEGAL DESCRIPTION: T49N R5W

OWNERSHIP: INLAND EMPIRE
 SECTION 33 MERIDIAN: BOISE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	CONT	200 #	400 #	CONT	400 #	200 #
MEASUREMENTAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 54					
LIVE TREES PER ACRE	300	230	250	400	260	420
LIVE BASAL AREA (SQ. FT/A)	265.0	222.3	216.2	255.4	243.1	335.3
LIVE TOTAL VOLUME (CU. FT/A)	9139	5928	6739	7522	7828	10768
CROWN COMPETITION FACTOR	252	218	211	264	247	329
RELATIVE DENSITY INDEX	74.3	60.9	60.9	77.7	67.2	96.4
MEAN DIAMETER (IN)	12.7	13.3	12.6	10.8	13.1	12.1
SITE HEIGHT (FEET)	94.0	81.1	93.5	94.3	93.1	95.1
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	71.1	96.6	76.2	88.1	97.4	76.3
GRAND FIR	0.0	0.0	10.0	1.1	0.0	0.0
WESTERN REDCEDAR	0.0	0.0	0.0	2.8	0.0	0.0
WESTERN LARCH	1.5	0.0	13.8	8.1	0.0	0.0
PONDEROSA PINE	27.4	3.4	0.0	0.0	2.6	23.7
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	300	230	250	400	260	420
LIVE BASAL AREA (SQ. FT/A)	275.9	240.4	231.3	270.2	257.5	353.2
CROWN COMPETITION FACTOR	260	231	222	275	217	342
RELATIVE DENSITY INDEX	76.6	64.6	64.1	81.0	70.1	100.2
MEAN DIAMETER (IN)	13.0	13.8	13.0	11.1	13.5	12.4
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	0.0
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	0.0
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	300	230	250	400	260	410
LIVE BASAL AREA (SQ. FT/A)	283.8	252.8	244.9	281.6	267.9	364.4
LIVE TOTAL VOLUME (CU. FT/A)	10214	7147	8187	8688	9123	12339
CROWN COMPETITION FACTOR	265	240	232	283	264	349
RELATIVE DENSITY INDEX	78.2	67.1	66.9	83.5	72.3	102.0
MEAN DIAMETER (IN)	13.2	14.2	13.4	11.4	13.7	12.8
SITE HEIGHT (FEET)	98.5	86.3	100.3	99.1	99.2	100.6
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	2.3
DEAD TOTAL VOLUME (CU. FT/A)	2.4	0.0	0.0	0.0	0.0	60
TOPKILL VOLUME (CU. FT/A)	2.4	0.0	0.3	1.2	0.0	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	290	220	250	390	260	400
LIVE BASAL AREA (SQ. FT/A)	287.1	261.4	254.1	288.7	275.6	367.9
LIVE TOTAL VOLUME (CU. FT/A)	10626	7641	8758	9197	9648	12862
CROWN COMPETITION FACTOR	265	246	239	288	269	351
RELATIVE DENSITY INDEX	78.2	68.0	68.8	84.6	73.8	102.1
MEAN DIAMETER (IN)	13.5	14.8	13.6	11.6	13.9	13.0
SITE HEIGHT (FEET)	101.3	89.1	102.9	102.3	102.0	103.6
DEAD TREES PER ACRE	10	10	0	10	0	20
DEAD BASAL AREA (SQ. FT/A)	4.5	2.8	0.0	1.7	0.0	7.0
DEAD TOTAL VOLUME (CU. FT/A)	130	46	0	29	0	191
TOPKILL VOLUME (CU. FT/A)	0.8	0.0	0.3	1.3	0.0	0.0

PLCT SUMMARY REPORT

INSTALLATION 289 GRCUSE MTN
 REGION: NORTHEAST WASHINGTON OWNERSHIP: INLAND EMPIRE
 LEGAL DESCRIPTION: T40N R40E SECTION 8 MERIDIAN: WILLABETTE

TREATMENT	PLCT NUMBER					
	1	2	3	4	5	6
	CCMT	200 #	400 #	400 #	200 #	CONT
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
	STAND AGE = 51					
LIVE TREES PER ACRE	450	550	370	360	450	400
LIVE BASAL AREA (SQ. FT/A)	175.7	206.5	166.6	163.6	210.1	168.2
LIVE TOTAL VOLUME (CU. FT/A)	4796	5491	3998	4265	5613	4303
CROWN COMPETITION FACTOR	216	258	200	192	246	199
RELATIVE DENSITY INDEX	60.4	71.7	55.3	54.2	69.1	56.8
MEAN DIAMETER (IN)	8.5	8.3	9.1	9.1	9.3	8.8
SITE HEIGHT (FEET)	78.8	74.5	71.9	78.5	81.3	77.5
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	100.0	99.0	100.0	100.0	97.0	100.0
GRAND FIR	0.0	1.0	0.0	0.0	2.1	0.0
WESTERN LARCH	0.0	0.0	0.0	0.0	1.0	0.0
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	450	550	370	350	440	390
LIVE BASAL AREA (SQ. FT/A)	187.3	221.5	183.2	178.4	224.2	178.1
LIVE TOTAL VOLUME (CU. FT/A)	227	272	216	204	259	205
CROWN COMPETITION FACTOR	63.4	75.6	59.8	57.4	72.1	58.9
RELATIVE DENSITY INDEX	8.7	8.6	9.5	9.7	9.7	9.1
MEAN DIAMETER (IN)	0	0	0	10	10	10
DEAD TREES PER ACRE	0.0	0.0	0.0	1.2	3.0	7.0
DEAD BASAL AREA (SQ. FT/A)						
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	450	540	370	350	440	340
LIVE BASAL AREA (SQ. FT/A)	196.2	229.4	193.3	190.1	235.5	181.7
LIVE TOTAL VOLUME (CU. FT/A)	5652	6481	4881	5348	6707	5037
CROWN COMPETITION FACTOR	236	279	226	213	269	203
RELATIVE DENSITY INDEX	65.6	77.2	61.8	60.2	74.8	57.8
MEAN DIAMETER (IN)	8.9	8.8	9.8	10.0	9.9	9.9
SITE HEIGHT (FEET)	82.7	79.9	77.6	85.7	87.9	83.9
DEAD TREES PER ACRE	0	10	0	10	10	60
DEAD BASAL AREA (SQ. FT/A)	0.0	2.7	0.0	1.2	3.0	15.6
DEAD TOTAL VOLUME (CU. FT/A)	0	65	0	18	57	339
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	4.0	0.0	1.0	2.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	450	510	370	340	420	330
LIVE BASAL AREA (SQ. FT/A)	203.5	232.9	201.5	193.0	238.5	191.6
LIVE TOTAL VOLUME (CU. FT/A)	6006	6756	5242	5580	7010	5490
CROWN COMPETITION FACTOR	244	279	234	213	269	211
RELATIVE DENSITY INDEX	67.4	77.0	63.7	60.4	74.7	59.6
MEAN DIAMETER (IN)	9.1	9.2	10.0	10.2	10.2	10.3
SITE HEIGHT (FEET)	84.6	82.4	80.0	88.4	91.0	87.0
DEAD TREES PER ACRE	0	40	0	20	30	70
DEAD BASAL AREA (SQ. FT/A)	0.0	7.4	0.0	8.2	9.2	17.0
DEAD TOTAL VOLUME (CU. FT/A)	0	186	0	227	206	369
TOPKILL VOLUME (CU. FT/A)	0.0	0.0	4.8	0.0	1.0	1.5

PLCT SUMMARY REPORT

INSTALLATION 290 GRASS MTN
 REGION: NORTHEAST WASHINGTON OWNERSHIP: INLAND EMPIRE
 LEGAL DESCRIPTION: T39N R40E SECTION 1 MERIDIAN: WILLAMETTE

TREATMENT	PLOT NUMBER					
	1	2	3	4	5	6
	400 #	CONT	200 #	CONT	200 #	400 #
MENSURATIONAL CHARACTERISTICS:						
AT TIME OF TREATMENT (1982)						
STAND AGE = 75						
LIVE TREES PER ACRE	420	420	520	510	440	610
LIVE BASAL AREA (SQ. FT/A)	210.1	194.1	260.2	184.2	189.6	203.7
LIVE TOTAL VOLUME (CU. FT/A)	5831	5573	7362	4967	4595	5215
CROWN COMPETITION FACTOR	235	235	304	226	227	254
RELATIVE DENSITY INDEX	67.9	64.0	84.1	64.6	63.6	72.8
MEAN DIAMETER (IN)	9.6	9.2	9.6	8.1	8.9	7.8
SITE HEIGHT (FEET)	79.8	79.3	84.5	80.1	79.9	71.2
SPECIES COMPOSITION (% OF BA)						
DOUGLAS-FIR	89.6	100.0	100.0	96.3	100.0	91.8
GRAND FIR	0.0	0.0	0.0	0.0	0.0	3.4
WESTERN LARCH	10.4	0.0	0.0	3.7	0.0	0.0
LODGEPOLE PINE	0.0	0.0	0.0	0.0	0.0	1.9
PONDEROSA PINE	0.0	0.0	0.0	0.0	0.0	2.9
2 YEARS AFTER TREATMENT (1984)						
LIVE TREES PER ACRE	420	420	520	510	440	600
LIVE BASAL AREA (SQ. FT/A)	223.6	204.0	273.3	192.2	197.6	212.9
CROWN COMPETITION FACTOR	247	245	316	234	238	263
RELATIVE DENSITY INDEX	71.1	66.4	87.2	66.7	65.6	75.0
MEAN DIAMETER (IN)	9.9	9.4	9.8	8.3	9.1	8.1
DEAD TREES PER ACRE	0.0	0.0	0.0	0.0	0.0	10
DEAD BASAL AREA (SQ. FT/A)	0.0	0.0	0.0	0.0	0.0	1.5
4 YEARS AFTER TREATMENT (1986)						
LIVE TREES PER ACRE	390	340	510	460	380	440
LIVE BASAL AREA (SQ. FT/A)	221.5	178.4	280.9	188.6	189.3	172.0
LIVE TOTAL VOLUME (CU. FT/A)	6310	5257	8202	5318	4779	4610
CROWN COMPETITION FACTOR	240	212	320	226	222	208
RELATIVE DENSITY INDEX	69.3	57.0	88.6	64.1	61.2	59.1
MEAN DIAMETER (IN)	10.2	9.8	10.0	8.7	9.6	8.5
SITE HEIGHT (FEET)	82.9	82.7	87.5	83.9	83.1	75.1
DEAD TREES PER ACRE	30	80	10	50	60	170
DEAD BASAL AREA (SQ. FT/A)	12.1	34.0	4.2	11.4	17.1	50.7
DEAD TOTAL VOLUME (CU. FT/A)	334	960	107	271	369	1245
TOPKILL VOLUME (CU. FT/A)	0.9	2.2	1.2	0.0	2.2	0.0
6 YEARS AFTER TREATMENT (1988)						
LIVE TREES PER ACRE	350	300	500	450	370	380
LIVE BASAL AREA (SQ. FT/A)	197.1	173.9	286.7	193.3	192.1	161.9
LIVE TOTAL VOLUME (CU. FT/A)	5694	5218	8538	5561	4951	4421
CROWN COMPETITION FACTOR	213	204	323	229	224	195
RELATIVE DENSITY INDEX	61.8	54.2	89.5	64.9	61.5	54.5
MEAN DIAMETER (IN)	10.2	10.3	10.3	8.9	9.8	8.8
SITE HEIGHT (FEET)	84.1	84.7	89.5	85.8	84.8	77.0
DEAD TREES PER ACRE	70	120	20	60	70	230
DEAD BASAL AREA (SQ. FT/A)	44.0	45.9	6.4	12.6	19.1	67.3
DEAD TOTAL VOLUME (CU. FT/A)	1245	1309	162	297	408	1689
TOPKILL VOLUME (CU. FT/A)	0.0	3.2	5.8	0.0	3.3	0.0

SECTION IV

**Six Year Growth Response Summaries
for all
Douglas-fir Installations**

INSTALLATION 103 GOLD CREEK
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T16N R4E SECTION 35 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	61	YEARS
TREES PER ACRE	162	TREES/ACRE
BASAL AREA	93.6	SQ.FEET/ACRE
TOTAL VOLUME	2020	CU.FEET/ACRE
CCF	103.7	
RELATIVE DENSITY INDEX	29.1	
MEAN DIAMETER	10.3	INCHES
AVERAGE CROWN LENGTH	30.9	FEET
AVERAGE CROWN RATIO	59.1	PERCENT
SITE HEIGHT (40 TPA)	61.9	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	87.4	PERCENT
GRAND FIR	2.5	PERCENT
LOGPOLE PINE	0.8	PERCENT
PONDEROSA PINE	9.3	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 93.6 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	22.2		
	200 # N	24.5	2.3	10.4
	400 # N	21.1	-1.1	-5.0
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	22.3		
	200 # N	24.7	2.4	10.8
	400 # N	23.2	0.9	4.0
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	660		
	200 # N	752	92	13.9
	400 # N	618	-42	-6.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	665		
	200 # N	759	94	14.1
	400 # N	668	3	0.5
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.16		
	200 # N	1.30	0.14	12.1
	400 # N	1.27	0.11	9.5

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	.	.	.	3.4	.	.	3.5	.	.
	200	.	.	.	3.9	0.5	14.7	3.3	-0.2	-5.7
	400	.	.	.	3.3	-0.1	-2.9	3.2	-0.3	-8.6
GROSS BASAL AREA PAI (SQ.FT/A)	CON	.	.	.	3.5	.	.	3.4	.	.
	200	.	.	.	3.9	0.4	11.4	3.4	0.0	0.0
	400	.	.	.	3.5	0.0	0.0	3.3	-0.1	-2.9

INSTALLATION 104 DAVIS CREEK
 REGION: NORTHEAST OREGON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: TIN R45E SECTION 4 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	42	YEARS
TREES PER ACRE	174	TREES/ACRE
BASAL AREA	80.4	SQ.FEET/ACRE
TOTAL VOLUME	1581	CU.FEET/ACRE
CCF	87.6	
RELATIVE DENSITY INDEX	26.4	
MEAN DIAMETER	9.3	INCHES
AVERAGE CROWN LENGTH	38.1	FEET
AVERAGE CROWN RATIO	75.7	PERCENT
SITE HEIGHT (40 TPA)	54.5	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	67.8	PERCENT
WESTERN LARCH	23.0	PERCENT
PONDEROSA PINE	9.3	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 80.4 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTRCL	25.2		
	200 # N	24.8	-0.4	-1.6
	400 # N	28.7	3.5	13.9
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	25.2		
	200 # N	25.0	-0.2	-0.8
	400 # N	28.4	3.2	12.7
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	747		
	200 # N	730	-17	-2.3
	400 # N	813	66	8.8
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	747		
	200 # N	735	-12	-1.6
	400 # N	805	58	7.8
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.47		
	200 # N	1.31	-0.16	-10.9
	400 # N	1.43	-0.04	-2.7

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	.	.	.	4.0			4.1		
	200	.	.	.	4.4	0.4	10.0	3.7	-0.4	-9.8
	400	.	.	.	5.0	1.0	25.0	4.4	0.3	7.3
GROSS BASAL AREA PAI (SQ.FT/A)	CON	.	.	.	4.0			4.1		
	200	.	.	.	4.4	0.4	10.0	3.7	-0.4	-9.8
	400	.	.	.	4.9	0.9	22.5	4.4	0.3	7.3

INSTALLATION 105 TEANAWAY RIVER
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T21N R15E SECTION 21 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	83	YEARS
TREES PER ACRE	182	TREES/ACRE
BASAL AREA	151.6	SQ.FEET/ACRE
TOTAL VOLUME	4731	CU.FEET/ACRE
CCF	155.6	
RELATIVE DENSITY INDEX	42.9	
MEAN DIAMETER	12.5	INCHES
AVERAGE CROWN LENGTH	35.3	FEET
AVERAGE CROWN RATIO	43.7	PERCENT
SITE HEIGHT (40 TPA)	90.4	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	81.8	PERCENT
GRAND FIR	2.4	PERCENT
WESTERN LARCH	8.5	PERCENT
LODGEPOLE PINE	0.6	PERCENT
PONDEROSA PINE	6.7	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 151.6 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	23.2		
	200 # N	28.8	5.6	24.1
	400 # N	28.1	4.9	21.1
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	22.8		
	200 # N	28.5	5.7	25.0
	400 # N	34.7	11.9	52.2
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	872		
	200 # N	1175	303	34.7
	400 # N	1205	333	38.2
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	857		
	200 # N	1163	306	35.7
	400 # N	1417	560	65.3
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.94		
	200 # N	1.18	0.24	25.5
	400 # N	1.44	0.50	53.2

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	.	.	.	5.3			3.9		
	200	.	.	.	6.6	1.3	24.5	4.5	0.6	15.4
	400	.	.	.	7.7	2.4	45.3	5.4	1.5	38.5
GROSS BASAL AREA PAI (SQ.FT/A)	CON	.	.	.	5.2			3.8		
	200	.	.	.	6.6	1.4	26.9	4.3	0.5	13.2
	400	.	.	.	7.9	2.7	51.9	5.6	1.8	47.4

INSTALLATION 106 DEER CREEK
 REGION: NORTHEAST WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T30N R39E SECTION 7 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	41	YEARS
TREES PER ACRE	240	TREES/ACRE
BASAL AREA	90.0	SQ.FEET/ACRE
TOTAL VOLUME	2067	CU.FEET/ACRE
CCF	108.5	
RELATIVE DENSITY INDEX	31.2	
MEAN DIAMETER	8.4	INCHES
AVERAGE CROWN LENGTH	30.6	FEET
AVERAGE CROWN RATIO	58.0	PERCENT
SITE HEIGHT (40 TPA)	65.5	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	93.5	PERCENT
GRAND FIR	0.3	PERCENT
WESTERN REDCEDAR	0.3	PERCENT
WESTERN LARCH	3.0	PERCENT
PONDEROSA PINE	2.9	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 90.0 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	17.8		
	200 # N	18.1	0.3	1.7
	400 # N	33.5	15.7	88.2
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	25.9		
	200 # N	30.0	4.1	15.8
	400 # N	33.7	7.8	30.1
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	674		
	200 # N	676	2	0.3
	400 # N	1049	375	55.6
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	859		
	200 # N	974	115	13.4
	400 # N	1053	194	22.6
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.11		
	200 # N	1.46	0.35	31.5
	400 # N	1.50	0.39	35.1

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	.	.	.	5.3			-0.3		
	200	.	.	.	5.8	0.5	9.4	-0.2	0.1	33.3
	400	.	.	.	6.7	1.4	26.4	4.2	4.5	1500.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	.	.	.	5.3			3.1		
	200	.	.	.	5.8	0.5	9.4	3.5	0.4	12.9
	400	.	.	.	6.7	1.4	26.4	4.2	1.1	35.5

INSTALLATION 201 LAFFINWELL CREEK #1
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T16N R4E SECTION 21 MERIDIAN: BOISE

 INITIAL STAND CHARACTERISTICS:

AGE	59 YEARS
TREES PER ACRE	228 TREES/ACRE
BASAL AREA	113.7 SQ.FEET/ACRE
TOTAL VOLUME	2544 CU.FEET/ACRE
CCF	128.9
RELATIVE DENSITY INDEX	36.7
MEAN DIAMETER	5.6 INCHES
AVERAGE CROWN LENGTH	25.2 FEET
AVERAGE CROWN RATIO	47.4 PERCENT
SITE HEIGHT (40 TPA)	60.8 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	82.1 PERCENT
GRAND FIR	2.0 PERCENT
WESTERN LARCH	1.5 PERCENT
LODGEPOLE PINE	0.5 PERCENT
PONDEROSA PINE	14.0 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 113.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	22.0		
	200 # N	21.5	-0.5	-2.3
	400 # N	28.6	6.6	30.0
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	21.6		
	200 # N	21.4	-0.2	-0.9
	400 # N	29.2	7.6	35.2
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	699		
	200 # N	794	95	13.6
	400 # N	935	236	33.8
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	686		
	200 # N	792	106	15.5
	400 # N	945	259	37.8
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.89		
	200 # N	0.87	-0.02	-2.2
	400 # N	1.23	0.34	38.2

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.8			3.8			3.3		
	200	3.8	0.0	0.0	4.1	0.3	7.9	2.8	-0.5	-15.2
	400	5.5	1.7	44.7	5.3	1.5	39.5	3.4	0.1	3.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.7			3.8			3.3		
	200	3.8	0.1	2.7	4.1	0.3	7.9	2.7	-0.6	-18.2
	400	5.5	1.8	48.6	5.4	1.6	42.1	3.7	0.4	12.1

INSTALLATION 202 HOKSETHIEF RESERVOIR
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T13N R5E SECTION 18 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	58 YEARS
TREES PER ACRE	182 TREES/ACRE
BASAL AREA	66.9 SQ.FEET/ACRE
TOTAL VOLUME	1285 CU.FEET/ACRE
CCF	80.5
RELATIVE DENSITY INDEX	23.3
MEAN DIAMETER	8.3 INCHES
AVERAGE CROWN LENGTH	25.4 FEET
AVERAGE CROWN RATIO	55.0 PERCENT
SITE HEIGHT (40 TPA)	51.8 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	85.0 PERCENT
LODGEPOLE PINE	4.5 PERCENT
PONDEROSA PINE	10.5 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 66.9 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	18.5		
	200 # N	20.3	1.8	9.7
	400 # N	24.5	6.0	32.4
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	18.5		
	200 # N	20.5	2.0	10.8
	400 # N	24.2	5.7	30.8
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	463		
	200 # N	498	35	7.6
	400 # N	629	166	35.9
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	462		
	200 # N	502	40	8.7
	400 # N	622	160	34.6
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.11		
	200 # N	1.19	0.08	7.2
	400 # N	1.44	0.33	29.7

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.2			3.6			2.4		
	200	3.9	0.7	21.9	4.1	0.5	13.9	2.2	-0.2	-8.3
	400	4.6	1.4	43.7	4.8	1.2	33.3	2.8	0.4	16.7
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.2			3.6			2.4		
	200	3.9	0.7	21.9	4.1	0.5	13.9	2.3	-0.1	-4.2
	400	4.6	1.4	43.7	4.7	1.1	30.6	2.8	0.4	16.7

INSTALLATION 203 LAFFINWELL CREEK #2
 REGION: CENTRAL (DAMO) OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T16N R4E SECTION 29 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	69 YEARS
TREES PER ACRE	165 TREES/ACRE
BASAL AREA	100.7 SQ. FEET/ACRE
TOTAL VOLUME	2462 CU. FEET/ACRE
CCF	109.8
RELATIVE DENSITY INDEX	30.9
MEAN DIAMETER	10.6 INCHES
AVERAGE CROWN LENGTH	28.7 FEET
AVERAGE CROWN RATIO	47.6 PERCENT
SITE HEIGHT (40 TPA)	70.3 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	78.7 PERCENT
GRAND FIR	6.3 PERCENT
WESTERN LARCH	2.4 PERCENT
PONDEROSA PINE	12.6 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 100.7 SQ. FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ. FEET/ACRE)	CONTROL	15.9		
	200 # N	22.2	6.3	39.6
	400 # N	19.3	3.4	21.4
SIX-YEAR GROSS BASAL AREA (SQ. FEET/ACRE)	CONTROL	16.3		
	200 # N	21.9	5.6	34.4
	400 # N	19.6	3.3	20.2
SIX-YEAR NET TOTAL VOLUME (CU. FEET/ACRE)	CONTROL	659		
	200 # N	752	93	14.1
	400 # N	656	-3	-0.5
SIX-YEAR GROSS TOTAL VOLUME (CU. FEET/ACRE)	CONTROL	661		
	200 # N	743	82	12.4
	400 # N	665	4	0.6
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.01		
	200 # N	1.06	0.05	5.0
	400 # N	0.97	-0.04	-4.0

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ. FT/A)	CON	2.9			3.0			2.1		
	200	4.2	1.3	44.8	3.8	0.8	26.7	3.1	1.0	47.6
	400	3.9	1.0	34.5	3.1	0.1	3.3	2.7	0.6	28.6
GROSS BASAL AREA PAI (SQ. FT/A)	CON	2.9			3.2			2.1		
	200	4.2	1.3	44.8	3.8	0.6	18.7	3.0	0.9	42.9
	400	3.9	1.0	34.5	3.2	0.0	0.0	2.8	0.7	33.3

INSTALLATION 204 JOHNSON'S MILL #1
 REGION: NORTHERN IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T37N R3E SECTION 4 MERIDIAN: BUISE

INITIAL STAND CHARACTERISTICS:

AGE	41 YEARS
TREES PER ACRE	238 TREES/ACRE
BASAL AREA	104.3 SQ.FEET/ACRE
TOTAL VOLUME	250.2 CU.FEET/ACRE
CCF	131.7
RELATIVE DENSITY INDEX	34.8
MEAN DIAMETER	8.9 INCHES
AVERAGE CROWN LENGTH	30.1 FEET
AVERAGE CROWN RATIO	51.5 PERCENT
SITE HEIGHT (40 TPA)	67.3 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	86.9 PERCENT
GRAND FIR	13.1 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 104.3 SQ.FEET/ACRE

RESPONSE

	TREATMENT	INCREMENT	DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	24.5		
	200 # N	28.8	4.3	17.6
	400 # N	36.8	12.3	50.2
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	31.3		
	200 # N	39.0	7.7	24.6
	400 # N	44.0	12.7	40.6
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	866		
	200 # N	1206	340	39.3
	400 # N	1405	539	62.2
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1035		
	200 # N	1420	385	37.2
	400 # N	1556	521	50.3
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.21		
	200 # N	1.81	0.60	49.6
	400 # N	2.05	0.84	69.4

	FIRST TWO YEARS				SECOND TWO YEARS				THIRD TWO YEARS			
	TRT	RESPONSE			INC	RESPONSE			INC	RESPONSE		
		INC	DIFF	%		DIFF	%	DIFF		%		
NET BASAL AREA PAI (SQ.FT/A)	CON	5.6			1.8			4.9				
	200	7.1	1.5	26.8	3.8	2.0	111.1	3.5	-1.4	-28.6		
	400	8.1	2.5	44.6	6.1	4.3	238.9	4.1	-0.8	-16.3		
GROSS BASAL AREA PAI (SQ.FT/A)	CON	5.6			5.2			4.9				
	200	7.5	1.9	33.9	6.4	1.2	23.1	5.6	0.7	14.3		
	400	8.1	2.5	44.6	7.4	2.2	42.3	6.4	1.5	30.6		

INSTALLATION 205 JOHNSON'S MILL #2
 REGION: NORTHERN IDAHO OWNERSHIP: 10L
 LEGAL DESCRIPTION: T37N R3E SECTION 4 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	41	YEARS
TREES PER ACRE	230	TREES/ACRE
BASAL AREA	111.7	SQ.FEET/ACRE
TOTAL VOLUME	2854	CU.FEET/ACRE
CCF	135.6	
RELATIVE DENSITY INDEX	36.3	
MEAN DIAMETER	9.4	INCHES
AVERAGE CROWN LENGTH	29.7	FEET
AVERAGE CROWN RATIO	48.0	PERCENT
SITE HEIGHT (40 TPA)	69.0	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	77.2	PERCENT
GRAND FIR	13.6	PERCENT
WESTERN REDCEDAR	2.1	PERCENT
WESTERN LARCH	3.6	PERCENT
LODGEPOLE PINE	2.5	PERCENT
WHITE PINE	0.9	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 111.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	24.5		
	200 # N	35.3	10.8	44.1
	400 # N	38.3	13.8	56.3
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	30.1		
	200 # N	38.6	8.5	28.2
	400 # N	41.7	11.6	38.5
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1054		
	200 # N	1508	454	43.1
	400 # N	1529	475	45.1
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1170		
	200 # N	1589	419	35.8
	400 # N	1608	438	37.4
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.40		
	200 # N	1.57	0.17	12.1
	400 # N	1.72	0.32	22.9

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	5.2			4.2			2.9		
	200	7.5	2.3	44.2	6.3	2.1	50.0	3.9	1.0	34.5
	400	6.8	1.6	30.8	7.1	2.9	69.0	5.3	2.4	62.8
GROSS BASAL AREA PAI (SQ.FT/A)	CON	5.2			4.7			5.1		
	200	7.4	2.2	42.3	6.3	1.6	34.0	5.6	0.5	9.8
	400	7.8	2.6	50.0	7.1	2.4	51.1	5.9	0.8	15.7

INSTALLATION 206 CARIBEL
 REGION: NORTHERN IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T34N R4E SECTION 36 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	46	YEARS
TREES PER ACRE	200	TREES/ACRE
BASAL AREA	152.4	SQ. FEET/ACRE
TOTAL VOLUME	4012	CU. FEET/ACRE
CCF	172.3	
RELATIVE DENSITY INDEX	47.3	
MEAN DIAMETER	10.4	INCHES
AVERAGE CROWN LENGTH	32.4	FEET
AVERAGE CROWN RATIO	50.3	PERCENT
SITE HEIGHT (40 TPA)	76.0	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	77.4	PERCENT
GRAND FIR	8.3	PERCENT
WESTERN RED CEDAR	4.5	PERCENT
WESTERN LARCH	8.4	PERCENT
PONDEROSA PINE	1.5	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 152.4 SQ. FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ. FEET/ACRE)	CONTROL	29.8		
	200 # N	36.5	6.7	22.5
	400 # N	37.8	8.0	26.8
SIX-YEAR GROSS BASAL AREA (SQ. FEET/ACRE)	CONTROL	31.8		
	200 # N	36.5	4.7	14.8
	400 # N	37.6	5.8	18.2
SIX-YEAR NET TOTAL VOLUME (CU. FEET/ACRE)	CONTROL	1406		
	200 # N	1566	160	11.4
	400 # N	1660	254	18.1
SIX-YEAR GROSS TOTAL VOLUME (CU. FEET/ACRE)	CONTROL	1463		
	200 # N	1565	102	7.0
	400 # N	1640	177	12.1
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.14		
	200 # N	1.15	0.01	0.9
	400 # N	1.27	0.13	11.4

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ. FT/A)	CON	5.4			3.7			5.8		
	200	6.9	1.5	27.8	5.7	2.0	54.1	5.7	-0.1	-1.7
	400	7.1	1.7	31.5	5.5	1.8	48.6	6.4	0.6	10.3
GROSS BASAL AREA PAI (SQ. FT/A)	CON	5.4			4.6			5.9		
	200	6.9	1.5	27.8	5.7	1.1	23.9	5.7	-0.2	-3.4
	400	6.9	1.5	27.8	5.8	1.2	26.1	6.1	0.2	3.4

INSTALLATION 207 WAHA
 REGION: NORTHEAST GREGON OWNERSHIP: PCTLATCH
 LEGAL DESCRIPTION: T33N R4W SECTION 10 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	55	YEARS
TREES PER ACRE	277	TREES/ACRE
BASAL AREA	156.8	SQ.FEET/ACRE
TOTAL VOLUME	3588	CU.FEET/ACRE
CCF	167.5	
RELATIVE DENSITY INDEX	49.1	
MEAN DIAMETER	10.2	INCHES
AVERAGE CROWN LENGTH	24.9	FEET
AVERAGE CROWN RATIO	39.3	PERCENT
SITE HEIGHT (40 TPA)	70.0	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	68.0	PERCENT
GRAND FIR	2.1	PERCENT
WESTERN LARCH	3.7	PERCENT
PONDEROSA PINE	26.2	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 156.8 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	-0.7		
	200 # N	8.3	9.0	1285.7
	400 # N	-7.1	-6.4	-914.3
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	19.9		
	200 # N	27.7	7.8	39.2
	400 # N	25.2	5.3	26.6
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	406		
	200 # N	581	175	43.1
	400 # N	159	-247	-60.8
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	948		
	200 # N	1157	209	22.0
	400 # N	1045	97	10.2
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.95		
	200 # N	0.89	-0.06	-6.3
	400 # N	1.05	0.10	10.5

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	0.4			3.0			-3.7		
	200	2.8	2.4	600.0	3.6	0.6	20.0	-2.2	1.5	40.5
	400	-0.7	-1.1	-275.0	2.2	-0.8	-26.7	-5.0	-1.3	-35.1
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.6			3.7			2.5		
	200	5.2	1.6	44.4	5.2	1.5	40.5	3.4	0.9	36.0
	400	4.6	1.0	27.8	4.6	0.9	24.3	3.4	0.9	36.0

INSTALLATION 208 LOVELL VALLEY ROAD
 REGION: NORTHERN IDAHO OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T46N R5W SECTION 25 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	88	YEARS
TREES PER ACRE	150	TREES/ACRE
BASAL AREA	188.7	SQ.FEET/ACRE
TOTAL VOLUME	6549	CU.FEET/ACRE
CCF	175.4	
RELATIVE DENSITY INDEX	48.2	
MEAN DIAMETER	15.5	INCHES
AVERAGE CROWN LENGTH	32.2	FEET
AVERAGE CROWN RATIO	34.4	PERCENT
SITE HEIGHT (40 TPA)	102.4	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	96.5	PERCENT
GRAND FIR	0.9	PERCENT
PONDEROSA PINE	2.6	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 188.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	17.3		
	200 # N	23.3	6.0	34.7
	400 # N	17.8	0.5	2.9
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	21.5		
	200 # N	22.6	1.1	5.1
	400 # N	19.8	-1.7	-7.9
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	903		
	200 # N	1127	224	24.8
	400 # N	903	0	0.0
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1032		
	200 # N	1098	66	6.4
	400 # N	959	-73	-7.1
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.36		
	200 # N	0.86	-0.50	-36.8
	400 # N	1.07	-0.29	-21.3

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.3			3.0			2.4		
	200	4.1	0.8	24.2	3.6	0.6	20.0	4.0	1.6	66.7
	400	3.4	0.1	3.0	1.9	-1.1	-36.7	3.6	1.2	50.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.6			3.1			4.0		
	200	3.9	0.3	8.3	3.6	0.5	16.1	3.8	-0.2	-5.0
	400	3.4	-0.2	-5.6	2.9	-0.2	-6.5	3.6	-0.4	-10.0

INSTALLATION 209 ADOEY
 REGION: NORTHEAST WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T34N R38E SECTION 27 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	68	YEARS
TREES PER ACRE	182	TREES/ACRE
BASAL AREA	143.1	SQ.FEET/ACRE
TOTAL VOLUME	4415	CU.FEET/ACRE
CCF	154.3	
RELATIVE DENSITY INDEX	41.2	
MEAN DIAMETER	12.1	INCHES
AVERAGE CROWN LENGTH	28.1	FEET
AVERAGE CROWN RATIO	34.6	PERCENT
SITE HEIGHT (40 TPA)	89.0	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	99.0	PERCENT
WESTERN LARCH	1.0	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 143.1 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	13.1		
	200 # N	24.8	11.7	89.3
	400 # N	25.1	12.0	91.6
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	19.6		
	200 # N	24.6	5.0	25.5
	400 # N	25.2	5.6	28.6
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	717		
	200 # N	1218	501	69.9
	400 # N	1143	426	59.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	907		
	200 # N	1208	301	33.2
	400 # N	1145	238	26.2
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.84		
	200 # N	1.09	0.25	29.8
	400 # N	0.95	0.11	13.1

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.2			2.1			1.3		
	200	4.5	1.3	40.6	4.4	2.3	109.5	3.6	2.3	176.9
	400	4.1	0.9	28.1	4.9	2.8	133.3	3.6	2.3	176.9
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.2			3.7			2.9		
	200	4.4	1.2	37.5	4.4	0.7	18.9	3.5	0.6	20.7
	400	4.1	0.9	28.1	4.9	1.2	32.4	3.6	0.7	24.1

INSTALLATION 210 BUCK CREEK
 REGION: NORTHEAST WASHINGTON OWNERSHIP: INLAND EMPIRE
 LEGAL DESCRIPTION: T31N R43E SECTION 26 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	54	YEARS
TREES PER ACRE	272	TREES/ACRE
BASAL AREA	143.3	SQ.FEET/ACRE
TOTAL VOLUME	3468	CU.FEET/ACRE
CCF	158.4	
RELATIVE DENSITY INDEX	45.7	
MEAN DIAMETER	9.9	INCHES
AVERAGE CROWN LENGTH	24.0	FEET
AVERAGE CROWN RATIO	41.6	PERCENT
SITE HEIGHT (40 TPA)	70.0	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	84.1	PERCENT
WESTERN LARCH	1.3	PERCENT
LODGEPOLE PINE	3.1	PERCENT
PONDEROSA PINE	11.5	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 143.3 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	17.9		
	200 # N	16.9	-1.0	-5.6
	400 # N	-0.5	-18.4	-102.8
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	18.7		
	200 # N	24.2	5.5	29.4
	400 # N	21.8	3.1	16.6
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	789		
	200 # N	804	15	1.9
	400 # N	332	-457	-57.9
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	805		
	200 # N	955	150	18.6
	400 # N	917	112	13.9
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.80		
	200 # N	0.97	0.17	21.2
	400 # N	1.30	0.50	62.5

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	2.7			3.4			2.9		
	200	4.3	1.6	59.3	0.3	-3.1	-91.2	3.9	1.0	34.5
	400	3.4	0.7	25.9	-2.7	-6.1	-179.4	-1.0	-3.9	-134.5
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.1			3.4			2.9		
	200	4.2	1.1	35.5	4.1	0.7	20.6	3.8	0.9	31.0
	400	4.2	1.1	35.5	3.5	0.1	2.9	3.2	0.3	10.3

INSTALLATION 211 HEEL CREEK
 REGION: NORTHEAST WASHINGTON OWNERSHIP: INLAND EMPIRE
 LEGAL DESCRIPTION: T31N R43E SECTION 20 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	34 YEARS
TREES PER ACRE	472 TREES/ACRE
BASAL AREA	172.0 SQ.FEET/ACRE
TOTAL VOLUME	3786 CU.FEET/ACRE
CCF	208.1
RELATIVE DENSITY INDEX	60.1
MEAN DIAMETER	8.2 INCHES
AVERAGE CROWN LENGTH	24.6 FEET
AVERAGE CROWN RATIO	48.2 PERCENT
SITE HEIGHT (40 TPA)	65.3 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	94.4 PERCENT
GRAND FIR	0.4 PERCENT
WESTERN LARCH	0.3 PERCENT
LODGEPOLE PINE	0.2 PERCENT
WHITE PINE	0.5 PERCENT
PONDEROSA PINE	4.1 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 172.0 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	40.2		
	200 # N	39.4	-0.8	-2.0
	400 # N	16.2	-24.0	-59.7
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	41.8		
	200 # N	47.7	5.9	14.1
	400 # N	48.1	6.3	15.1
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1432		
	200 # N	1506	74	5.2
	400 # N	934	-498	-34.8
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1459		
	200 # N	1690	231	15.8
	400 # N	1641	182	12.5
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.02		
	200 # N	1.33	0.31	30.4
	400 # N	2.03	1.01	99.0

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	7.5			6.8			5.8		
	200	8.9	1.4	18.7	6.4	-0.4	-5.9	4.3	-1.5	-25.9
	400	7.6	0.1	1.3	-4.2	-11.0	-161.8	4.8	-1.0	-17.2
GROSS BASAL AREA PAI (SQ.FT/A)	CON	7.4			7.1			6.4		
	200	8.9	1.5	20.3	8.3	1.2	16.9	6.6	0.2	3.1
	400	9.5	2.1	28.4	7.9	0.8	11.3	6.6	0.2	3.1

INSTALLATION 212 SWAMP CREEK
 REGION: NORTHEAST OREGON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T1N R45E SECTION 5 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	71 YEARS
TREES PER ACRE	197 TREES/ACRE
BASAL AREA	81.1 SQ.FEET/ACRE
TOTAL VOLUME	1864 CU.FEET/ACRE
CCF	98.3
RELATIVE DENSITY INDEX	27.4
MEAN DIAMETER	8.7 INCHES
AVERAGE CROWN LENGTH	26.4 FEET
AVERAGE CROWN RATIO	47.6 PERCENT
SITE HEIGHT (40 TPA)	64.0 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	96.3 PERCENT
WESTERN LARCH	2.5 PERCENT
PONDEROSA PINE	1.2 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 81.1 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE							
			DIFFERENCE	% OF CONTROL						
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	16.5								
	200 # N	20.9	4.4	26.7						
	400 # N	18.2	1.7	10.3						
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	16.5								
	200 # N	20.9	4.4	26.7						
	400 # N	18.3	1.8	10.9						
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	558								
	200 # N	667	109	19.5						
	400 # N	608	50	9.0						
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	558								
	200 # N	668	110	19.7						
	400 # N	611	53	9.5						
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.89								
	200 # N	1.01	0.12	13.5						
	400 # N	0.93	0.04	4.5						
	<u>FIRST TWO YEARS</u>		<u>SECOND TWO YEARS</u>		<u>THIRD TWO YEARS</u>					
	<u>RESPONSE</u>		<u>RESPONSE</u>		<u>RESPONSE</u>					
	TRT	INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	2.8			2.6			2.8		
	200	4.1	1.3	46.4	3.3	0.7	26.9	3.0	0.2	7.1
	400	3.8	1.0	35.7	2.8	0.2	7.7	2.6	-0.2	-7.1
GROSS BASAL AREA PAI (SQ.FT/A)	CON	2.8			2.7			2.7		
	200	4.1	1.3	46.4	3.3	0.6	22.2	3.0	0.3	11.1
	400	3.8	1.0	35.7	2.8	0.1	3.7	2.6	-0.1	-3.7

INSTALLATION 213 KAMELA
 REGION: NORTHEAST OREGON OWNERSHIP: BCISE CASCADE
 LEGAL DESCRIPTION: T2S R35E SECTION 3 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	122	YEARS
TREES PER ACRE	122	TREES/ACRE
BASAL AREA	95.5	SQ.FEET/ACRE
TOTAL VOLUME	2959	CU.FEET/ACRE
CCF	97.2	
RELATIVE DENSITY INDEX	27.5	
MEAN DIAMETER	12.1	INCHES
AVERAGE CROWN LENGTH	29.0	FEET
AVERAGE CROWN RATIO	36.7	PERCENT
SITE HEIGHT (40 TPA)	92.3	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	27.7	PERCENT
GRAND FIR	21.6	PERCENT
WESTERN LARCH	47.5	PERCENT
ENGELMANN SPRUCE	3.3	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 95.5 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	4.4		
	200 # N	2.5	-1.9	-43.2
	400 # N	5.0	0.6	13.6
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	11.4		
	200 # N	15.8	4.4	38.6
	400 # N	17.2	5.8	50.9
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	269		
	200 # N	174	-95	-35.3
	400 # N	315	46	17.1
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	476		
	200 # N	594	118	24.8
	400 # N	658	182	38.2
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.88		
	200 # N	0.88	0.00	0.0
	400 # N	1.43	0.55	62.5

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	1.9			-1.5			1.7		
	200	2.7	0.8	42.1	-3.8	-2.3	-153.3	2.3	0.6	35.3
	400	3.4	1.5	78.9	-0.7	0.8	53.3	-0.2	-1.9	-111.8
GROSS BASAL AREA PAI (SQ.FT/A)	CON	2.0			2.1			1.7		
	200	2.7	0.7	35.0	2.9	0.8	38.1	2.3	0.6	35.3
	400	3.4	1.4	70.0	3.0	0.9	42.9	2.3	0.6	35.3

INSTALLATION 214 FIFTEENMILE CREEK #1
 REGION: NORTHEAST WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T39N R37E SECTION 25 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	50	YEARS
TREES PER ACRE	202	TREES/ACRE
BASAL AREA	91.7	SQ.FEET/ACRE
TOTAL VOLUME	2022	CU.FEET/ACRE
CCF	111.1	
RELATIVE DENSITY INDEX	30.2	
MEAN DIAMETER	9.2	INCHES
AVERAGE CROWN LENGTH	26.6	FEET
AVERAGE CROWN RATIO	48.9	PERCENT
SITE HEIGHT (40 TPA)	62.2	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	97.3	PERCENT
GRAND FIR	1.2	PERCENT
WESTERN REDCEDAR	0.6	PERCENT
WESTERN LARCH	0.8	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 91.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	31.3		
	200 # N	31.6	0.3	1.0
	400 # N	38.3	7.0	22.4
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	31.3		
	200 # N	31.9	0.6	1.9
	400 # N	37.8	6.5	20.8
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1056		
	200 # N	1022	-34	-3.2
	400 # N	1185	129	12.2
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1056		
	200 # N	1030	-26	-2.5
	400 # N	1170	114	10.8
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.60		
	200 # N	1.44	-0.16	-10.0
	400 # N	1.62	0.02	1.3

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	5.5			5.5			4.6		
	200	5.9	0.4	7.3	5.9	0.4	7.3	4.1	-0.5	-10.9
	400	6.6	1.1	20.0	7.2	1.7	30.9	5.4	0.8	17.4
GROSS BASAL AREA PAI (SQ.FT/A)	CON	5.5			5.5			4.7		
	200	5.9	0.4	7.3	5.8	0.3	5.5	4.2	-0.5	-10.6
	400	6.6	1.1	20.0	7.0	1.5	27.3	5.3	0.6	12.8

INSTALLATION 215 FIFTEENMILE CREEK #2
 REGION: NORTHEAST WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T39N R37E SECTION 25 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	51 YEARS
TREES PER ACRE	213 TREES/ACRE
BASAL AREA	73.1 SQ.FEET/ACRE
TOTAL VOLUME	1522 CU.FEET/ACRE
CCF	92.6
RELATIVE DENSITY INDEX	25.9
MEAN DIAMETER	8.0 INCHES
AVERAGE CROWN LENGTH	24.9 FEET
AVERAGE CROWN RATIO	50.0 PERCENT
SITE HEIGHT (40 TPA)	57.4 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	100.0 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 73.1 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	29.9		
	200 # N	37.4	7.5	25.1
	400 # N	33.5	3.6	12.0
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	29.6		
	200 # N	37.2	7.6	25.7
	400 # N	33.4	3.8	12.8
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	853		
	200 # N	1041	188	22.0
	400 # N	1004	151	17.7
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	844		
	200 # N	1036	192	22.7
	400 # N	1001	157	18.6
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.47		
	200 # N	1.75	0.28	19.0
	400 # N	1.77	0.30	20.4

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	5.3			5.4			4.2		
	200	7.1	1.8	34.0	6.6	1.2	22.2	4.9	0.7	16.7
	400	6.0	0.7	13.2	6.2	0.8	14.8	4.5	0.3	7.1
GROSS BASAL AREA PAI (SQ.FT/A)	CON	5.2			5.3			4.2		
	200	7.1	1.9	36.5	6.7	1.4	26.4	4.8	0.6	14.3
	400	6.0	0.8	15.4	6.2	0.9	17.0	4.5	0.3	7.1

INSTALLATION 216 SCHMIDT MEADOWS
 REGION: NORTHEAST WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T32N R38E SECTION 28 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	66	YEARS
TREES PER ACRE	280	TREES/ACRE
BASAL AREA	142.9	SQ.FEET/ACRE
TOTAL VOLUME	3809	CU.FEET/ACRE
CCF	164.9	
RELATIVE DENSITY INDEX	45.8	
MEAN DIAMETER	9.7	INCHES
AVERAGE CROWN LENGTH	26.3	FEET
AVERAGE CROWN RATIO	39.2	PERCENT
SITE HEIGHT (40 TPA)	73.9	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	85.7	PERCENT
WESTERN LARCH	4.0	PERCENT
PONDEROSA PINE	10.3	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 142.9 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	12.0		
	200 # N	14.2	2.2	18.3
	400 # N	17.7	5.7	47.5
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	20.9		
	200 # N	23.0	2.1	10.0
	400 # N	25.3	4.4	21.1
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	697		
	200 # N	874	177	25.4
	400 # N	884	187	26.8
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	942		
	200 # N	1102	160	17.0
	400 # N	1093	151	16.0
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.86		
	200 # N	0.95	0.09	10.5
	400 # N	0.89	0.03	3.5

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.1			0.3			2.6		
	200	3.8	0.7	22.6	0.5	0.2	66.7	2.7	0.1	3.8
	400	4.2	1.1	35.5	0.7	0.4	133.3	3.9	1.3	50.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.0			3.8			3.6		
	200	3.9	0.9	30.0	4.0	0.2	5.3	3.6	0.0	0.0
	400	4.2	1.2	40.0	4.6	0.8	21.1	3.9	0.3	8.3

INSTALLATION 217 EMANUEL CREEK
 REGION: NORTHEAST WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T39N R33E SECTION 29 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	75 YEARS
TREES PER ACRE	218 TREES/ACRE
BASAL AREA	113.6 SQ.FEET/ACRE
TOTAL VOLUME	2776 CU.FEET/ACRE
CCF	131.9
RELATIVE DENSITY INDEX	36.2
MEAN DIAMETER	9.9 INCHES
AVERAGE CROWN LENGTH	28.2 FEET
AVERAGE CROWN RATIO	46.0 PERCENT
SITE HEIGHT (40 TPA)	70.6 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	97.0 PERCENT
WESTERN LARCH	3.0 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 113.6 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CNTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	20.7		
	200 # N	25.3	4.6	22.2
	400 # N	27.4	6.7	32.4
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	20.5		
	200 # N	27.1	6.6	32.2
	400 # N	27.5	7.0	34.1
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	768		
	200 # N	923	155	20.2
	400 # N	1055	287	37.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	759		
	200 # N	962	203	26.7
	400 # N	1057	298	39.3
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.84		
	200 # N	1.22	0.38	45.2
	400 # N	1.24	0.40	47.6

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.9			3.1			3.4		
	200	5.3	1.4	35.9	3.8	0.7	22.6	3.5	0.1	2.9
	400	5.7	1.8	46.2	4.1	1.0	32.3	3.9	0.5	14.7
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.8			3.1			3.3		
	200	5.4	1.6	42.1	4.1	1.0	32.3	4.0	0.7	21.2
	400	5.7	1.9	50.0	4.2	1.1	35.5	3.9	0.6	18.2

INSTALLATION 218 SECOND CREEK
 REGION: NORTHEAST WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T39N R34E SECTION 13 MERIDIAN: WILLAMETTE

 INITIAL STAND CHARACTERISTICS:

AGE	100 YEARS
TREES PER ACRE	152 TREES/ACRE
BASAL AREA	94.7 SQ.FEET/ACRE
TOTAL VOLUME	2247 CU.FEET/ACRE
CCF	107.9
RELATIVE DENSITY INDEX	28.9
MEAN DIAMETER	10.7 INCHES
AVERAGE CROWN LENGTH	26.2 FEET
AVERAGE CROWN RATIO	43.2 PERCENT
SITE HEIGHT (40 TPA)	66.9 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	98.5 PERCENT
WESTERN LARCH	1.5 PERCENT

 GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 94.7 SQ.FEET/ACRE

	TREATMENT	INGREMENT	RESPONSE	
			DIFFERENCE	% OF CCNTRCL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CCNTRCL	25.6		
	200 # N	23.7	-1.9	-7.4
	400 # N	26.7	1.1	4.3
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CCNTRCL	25.7		
	200 # N	23.6	-2.1	-8.2
	400 # N	27.1	1.4	5.4
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CCNTRCL	756		
	200 # N	734	-22	-2.9
	400 # N	851	95	12.6
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CCNTRCL	757		
	200 # N	732	-25	-3.3
	400 # N	862	105	13.9
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CCNTRCL	1.30		
	200 # N	1.27	-0.03	-2.3
	400 # N	1.48	0.18	13.8

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	4.8			4.3			3.8		
	200	4.6	-0.2	-4.2	4.0	-0.3	-7.0	3.2	-0.6	-15.8
	400	5.2	0.4	8.3	4.5	0.2	4.7	3.7	-0.1	-2.6
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.8			4.3			3.7		
	200	4.6	-0.2	-4.2	4.0	-0.3	-7.0	3.2	-0.5	-13.5
	400	5.2	0.4	8.3	4.6	0.3	7.0	3.7	0.0	0.0

INSTALLATION 219 LITTLE SALMON
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T18N R1E SECTION 13 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	67 YEARS
TREES PER ACRE	243 TREES/ACRE
BASAL AREA	128.2 SQ.FEET/ACRE
TOTAL VOLUME	2920 CU.FEET/ACRE
CCF	137.9
RELATIVE DENSITY INDEX	40.8
MEAN DIAMETER	9.9 INCHES
AVERAGE CROWN LENGTH	26.1 FEET
AVERAGE CROWN RATIO	47.3 PERCENT
SITE HEIGHT (40 TPA)	64.3 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	73.6 PERCENT
PCNDEROSA PINE	26.4 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 128.2 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CCNTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	22.3		
	200 # N	26.8	4.5	20.2
	400 # N	33.2	10.9	48.9
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	22.1		
	200 # N	28.6	6.5	29.4
	400 # N	32.5	10.4	47.1
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	793		
	200 # N	944	151	19.0
	400 # N	1091	298	37.6
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	788		
	200 # N	977	189	24.0
	400 # N	1069	281	35.7
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.76		
	200 # N	1.16	0.40	52.6
	400 # N	1.18	0.42	55.3

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.9			4.0			3.2		
	200	5.4	1.5	38.5	4.8	0.8	20.0	3.3	0.1	3.1
	400	6.2	2.3	59.0	5.5	1.5	37.5	4.9	1.7	53.1
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.9			3.9			3.3		
	200	5.4	1.5	38.5	4.7	0.8	20.5	4.2	0.9	27.3
	400	6.2	2.3	59.0	5.3	1.4	35.9	4.8	1.5	45.5

INSTALLATION 220 GROUSE CREEK
 REGION: CENTRAL IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T16N R4E SECTION 36 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	89	YEARS
TREES PER ACRE	268	TREES/ACRE
BASAL AREA	104.8	SQ.FEET/ACRE
TOTAL VOLUME	2506	CU.FEET/ACRE
CCF	130.0	
RELATIVE DENSITY INDEX	35.9	
MEAN DIAMETER	8.5	INCHES
AVERAGE CROWN LENGTH	23.3	FEET
AVERAGE CROWN RATIO	42.6	PERCENT
SITE HEIGHT (40 TPA)	67.7	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	88.6	PERCENT
GRAND FIR	7.9	PERCENT
WESTERN LARCH	1.1	PERCENT
LUDGEPOLE PINE	0.5	PERCENT
PONDEROSA PINE	1.8	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 104.8 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	13.2		
	200 # N	18.0	4.8	36.4
	400 # N	19.1	5.9	44.7
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	16.0		
	200 # N	19.5	3.5	21.9
	400 # N	20.1	4.1	25.6
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	361		
	200 # N	579	218	60.4
	400 # N	535	174	48.2
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	417		
	200 # N	611	194	46.5
	400 # N	560	143	34.3
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.73		
	200 # N	0.91	0.18	24.7
	400 # N	0.70	-0.03	-4.1

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	1.5			2.6			2.5		
	200	2.6	1.1	73.3	3.4	0.8	30.8	2.9	0.4	16.0
	400	3.8	2.3	153.3	3.1	0.5	19.2	2.7	0.2	8.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	2.3			2.6			3.1		
	200	3.3	1.0	43.5	3.4	0.8	30.8	3.0	-0.1	-3.2
	400	3.8	1.5	65.2	3.5	0.9	34.6	2.7	-0.4	-12.9

INSTALLATION 221 LITTLE MUD CREEK #1
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T20N R1E SECTION 33 MERIDIAN: BOISE

 INITIAL STAND CHARACTERISTICS:

AGE	82	YEARS
TREES PER ACRE	180	TREES/ACRE
BASAL AREA	118.1	SQ.FEET/ACRE
TOTAL VOLUME	2918	CU.FEET/ACRE
CCF	126.4	
RELATIVE DENSITY INDEX	35.5	
MEAN DIAMETER	11.0	INCHES
AVERAGE CROWN LENGTH	28.9	FEET
AVERAGE CROWN RATIO	50.1	PERCENT
SITE HEIGHT (40 TPA)	72.2	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	88.6	PERCENT
GRAND FIR	1.5	PERCENT
WESTERN LARCH	2.1	PERCENT
LODGEPOLE PINE	0.9	PERCENT
PONDEROSA PINE	6.4	PERCENT
ENGELMANN SPRUCE	0.5	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON
 INITIAL BASAL AREA OF 118.1 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	15.2		
	200 # N	25.6	10.4	68.4
	400 # N	20.6	5.4	35.5
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	16.7		
	200 # N	25.9	9.2	55.1
	400 # N	21.5	4.8	28.7
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	578		
	200 # N	823	245	42.4
	400 # N	705	127	22.0
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	599		
	200 # N	833	234	39.1
	400 # N	735	136	22.7
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.91		
	200 # N	1.13	0.22	24.2
	400 # N	0.87	-0.04	-4.4

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	1.8			2.9			2.9		
	200	4.4	2.6	144.4	4.2	1.3	44.8	4.2	1.3	44.8
	400	3.5	1.7	94.4	3.3	0.4	13.8	3.5	0.6	20.7
GROSS BASAL AREA PAI (SQ.FT/A)	CON	2.7			3.0			2.7		
	200	4.4	1.7	63.0	4.1	1.1	36.7	4.4	1.7	63.0
	400	3.5	0.8	29.6	3.5	0.5	16.7	3.8	1.1	40.7

INSTALLATION 222 WEST MILL CREEK #1
 REGION: CENTRAL IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T18N R3W SECTION 36 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	71 YEARS
TREES PER ACRE	355 TREES/ACRE
BASAL AREA	138.6 SQ.FEET/ACRE
TOTAL VOLUME	3145 CU.FEET/ACRE
CCF	165.9
RELATIVE DENSITY INDEX	47.4
MEAN DIAMETER	8.7 INCHES
AVERAGE CROWN LENGTH	21.9 FEET
AVERAGE CROWN RATIO	41.1 PERCENT
SITE HEIGHT (40 TPA)	64.3 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	90.0 PERCENT
GRAND FIR	0.8 PERCENT
PONDEROSA PINE	9.2 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 138.6 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	25.2		
	200 # N	22.1	-3.1	-12.3
	400 # N	28.4	3.2	12.7
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	24.8		
	200 # N	22.5	-2.3	-9.3
	400 # N	28.3	3.5	14.1
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	826		
	200 # N	726	-100	-12.1
	400 # N	926	100	12.1
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	811		
	200 # N	741	-70	-8.6
	400 # N	915	104	12.8
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.70		
	200 # N	0.73	0.03	4.3
	400 # N	0.86	0.16	22.9

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	4.7			4.9			3.0		
	200	4.6	-0.1	-2.1	4.0	-0.9	-18.4	2.4	-0.6	-20.0
	400	5.6	0.9	19.1	5.0	0.1	2.0	3.6	0.6	20.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.6			4.9			3.0		
	200	4.7	0.1	2.2	4.0	-0.9	-18.4	2.6	-0.4	-13.3
	400	5.5	0.9	19.6	4.9	0.0	0.0	3.7	0.7	23.3

INSTALLATION 223 WEST MILL CREEK #2
 REGION: CENTRAL IDAHO OWNERSHIP: ICL
 LEGAL DESCRIPTION: T19N R3W SECTION 36 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	75 YEARS
TREES PER ACRE	225 TREES/ACRE
BASAL AREA	111.3 SQ.FEET/ACRE
TOTAL VOLUME	2708 CU.FEET/ACRE
CCF	123.9
RELATIVE DENSITY INDEX	35.9
MEAN DIAMETER	9.6 INCHES
AVERAGE CROWN LENGTH	28.1 FEET
AVERAGE CROWN RATIO	49.8 PERCENT
SITE HEIGHT (40 TPA)	69.0 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	82.5 PERCENT
GRAND FIR	0.8 PERCENT
PONDEROSA PINE	16.7 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 111.3 SQ.FEET/ACRE

RESPONSE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	20.4		
	200 # N	31.3	10.9	53.4
	400 # N	23.5	3.1	15.2
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	20.3		
	200 # N	31.5	11.2	55.2
	400 # N	25.5	5.2	25.6
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	709		
	200 # N	1067	358	50.5
	400 # N	901	192	27.1
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	704		
	200 # N	1072	368	52.3
	400 # N	951	247	35.1
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.88		
	200 # N	1.17	0.29	33.0
	400 # N	1.14	0.26	29.5

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.5			3.6			3.0		
	200	6.2	2.7	77.1	5.6	2.0	55.6	3.9	0.9	30.0
	400	5.2	1.7	48.6	4.3	0.7	19.4	2.3	-0.7	-23.3
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.5			3.7			3.0		
	200	6.2	2.7	77.1	5.5	1.8	48.6	4.0	1.0	33.3
	400	5.2	1.7	48.6	4.3	0.6	16.2	3.2	0.2	6.7

INSTALLATION 224 KAISER BUTTE #1
 REGION: CENTRAL WASHINGTON OWNERSHIP: BUISE CASCADE
 LEGAL DESCRIPTION: T6N R15E SECTION 20 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	74	YEARS
TREES PER ACRE	103	TREES/ACRE
BASAL AREA	155.3	SQ.FEET/ACRE
TOTAL VOLUME	5852	CU.FEET/ACRE
CCF	135.5	
RELATIVE DENSITY INDEX	38.0	
MEAN DIAMETER	16.7	INCHES
AVERAGE CROWN LENGTH	40.3	FEET
AVERAGE CROWN RATIO	46.0	PERCENT
SITE HEIGHT (40 TPA)	115.0	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	93.4	PERCENT
GRAND FIR	6.6	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 155.3 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	24.9		
	200 # N	37.1	12.2	49.0
	400 # N	34.2	9.3	37.3
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	26.8		
	200 # N	37.5	10.7	39.9
	400 # N	34.4	7.6	28.4
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1136		
	200 # N	1601	465	40.9
	400 # N	1568	432	38.0
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1190		
	200 # N	1607	417	35.0
	400 # N	1572	382	32.1
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.57		
	200 # N	1.87	0.30	19.1
	400 # N	1.89	0.32	20.4

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.4			4.6			4.5		
	200	6.3	2.9	85.3	6.0	1.4	30.4	6.3	1.8	40.0
	400	5.8	2.4	70.6	5.8	1.2	26.1	5.6	1.1	24.4
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.2			4.6			4.6		
	200	6.2	2.0	47.6	6.4	1.8	39.1	6.1	1.5	32.6
	400	5.8	1.6	38.1	5.8	1.2	26.1	5.6	1.0	21.7

INSTALLATION 225 BOWMAN CREEK
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T5N R15E SECTION 18 MERIDIAN: WILLAMETTE

 INITIAL STAND CHARACTERISTICS:

AGE	85	YEARS
TREES PER ACRE	160	TREES/ACRE
BASAL AREA	109.8	SQ.FEET/ACRE
TOTAL VOLUME	2817	CU.FEET/ACRE
CCF	121.1	
RELATIVE DENSITY INDEX	32.7	
MEAN DIAMETER	11.1	INCHES
AVERAGE CROWN LENGTH	29.4	FEET
AVERAGE CROWN RATIO	45.5	PERCENT
SITE HEIGHT (40 TPA)	74.2	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	99.4	PERCENT
PONDEROSA PINE	0.6	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON
 INITIAL BASAL AREA OF 109.8 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	26.3		
	200 # N	32.1	5.8	22.1
	400 # N	40.2	13.9	52.9
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	26.2		
	200 # N	31.6	5.4	20.6
	400 # N	40.7	14.5	55.3
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	892		
	200 # N	1063	171	19.2
	400 # N	1414	522	58.5
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	889		
	200 # N	1045	156	17.5
	400 # N	1429	540	60.7
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.25		
	200 # N	1.56	0.31	24.8
	400 # N	1.94	0.69	55.2

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	4.3			4.8			4.0		
	200	5.4	1.1	25.6	6.0	1.2	25.0	4.6	0.6	15.0
	400	7.3	3.0	69.8	7.2	2.4	50.0	5.6	1.6	40.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.3			4.7			4.1		
	200	5.4	1.1	25.6	6.1	1.4	29.8	4.4	0.3	7.3
	400	7.3	3.0	69.8	7.3	2.6	55.3	5.7	1.6	39.0

INSTALLATION 226 CLEMAN MTN
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T16N R15E SECTION 16 MERIDIAN: WILLAMETTE

 INITIAL STAND CHARACTERISTICS:

AGE	79 YEARS
TREES PER ACRE	132 TREES/ACRE
BASAL AREA	88.1 SQ.FEET/ACRE
TOTAL VOLUME	2045 CU.FEET/ACRE
CCF	99.2
RELATIVE DENSITY INDEX	26.4
MEAN DIAMETER	11.1 INCHES
AVERAGE CROWN LENGTH	35.7 FEET
AVERAGE CROWN RATIO	61.5 PERCENT
SITE HEIGHT (40 TPA)	66.5 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	99.1 PERCENT
PONDEROSA PINE	0.9 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 88.1 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	17.0		
	200 # N	23.1	6.1	35.9
	400 # N	26.8	9.8	57.6
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	17.1		
	200 # N	23.1	6.0	35.1
	400 # N	27.3	10.2	59.6
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	575		
	200 # N	759	184	32.0
	400 # N	874	299	52.0
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	580		
	200 # N	756	176	30.3
	400 # N	888	308	53.1
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.08		
	200 # N	1.42	0.34	31.5
	400 # N	1.51	0.43	39.8

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.0			2.9			2.6		
	200	4.5	1.5	50.0	4.0	1.1	37.9	3.0	0.4	15.4
	400	5.2	2.2	73.3	4.6	1.7	58.6	3.6	1.0	38.5
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.0			3.0			2.5		
	200	4.5	1.5	50.0	4.0	1.0	33.3	3.0	0.5	20.0
	400	5.2	2.2	73.3	4.8	1.8	60.0	3.7	1.2	48.0

INSTALLATION 227 JOHNSON CANYON
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T16N R15E SECTION 20 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	80 YEARS
TREES PER ACRE	123 TREES/ACRE
BASAL AREA	101.6 SQ.FEET/ACRE
TOTAL VOLUME	2680 CU.FEET/ACRE
CCF	110.2
RELATIVE DENSITY INDEX	28.9
MEAN DIAMETER	12.3 INCHES
AVERAGE CROWN LENGTH	37.4 FEET
AVERAGE CROWN RATIO	53.7 PERCENT
SITE HEIGHT (40 TPA)	73.6 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	98.1 PERCENT
PONDEROSA PINE	1.9 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 101.6 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	16.9		
	200 # N	24.0	7.1	42.0
	400 # N	21.5	4.6	27.2
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	16.5		
	200 # N	23.5	7.0	42.4
	400 # N	21.3	4.8	29.1
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	667		
	200 # N	975	308	46.2
	400 # N	877	210	31.5
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	653		
	200 # N	959	306	46.9
	400 # N	871	218	33.4
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.87		
	200 # N	1.33	0.46	52.9
	400 # N	1.29	0.42	48.3

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	2.8			3.4			2.3		
	200	4.6	1.8	64.3	4.1	0.7	20.6	3.3	1.0	43.5
	400	3.9	1.1	39.3	3.9	0.5	14.7	2.9	0.6	26.1
GROSS BASAL AREA PAI (SQ.FT/A)	CON	2.6			3.2			2.4		
	200	4.5	1.9	73.1	4.1	0.9	28.1	3.1	0.7	29.2
	400	3.9	1.3	50.0	3.9	0.7	21.9	2.9	0.5	20.8

INSTALLATION 228 LOOKOUT MTN WEST
 REGION: CENTRAL WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T20N R16E SECTION 36 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	64	YEARS
TREES PER ACRE	212	TREES/ACRE
BASAL AREA	140.4	SQ.FEET/ACRE
TOTAL VOLUME	3922	CU.FEET/ACRE
CCF	152.3	
RELATIVE DENSITY INDEX	42.1	
MEAN DIAMETER	11.2	INCHES
AVERAGE CROWN LENGTH	31.3	FEET
AVERAGE CROWN RATIO	43.5	PERCENT
SITE HEIGHT (40 TPA)	79.5	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	89.1	PERCENT
PONDEROSA PINE	10.9	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 140.4 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE							
			DIFFERENCE	% OF CONTROL						
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	11.8								
	200 # N	17.8	6.0	50.8						
	400 # N	27.4	15.6	132.2						
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	20.5								
	200 # N	21.4	0.9	4.4						
	400 # N	27.3	6.8	33.2						
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	708								
	200 # N	878	170	24.0						
	400 # N	1139	431	60.9						
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	957								
	200 # N	956	-1	-0.1						
	400 # N	1136	179	18.7						
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.87								
	200 # N	0.98	0.11	12.6						
	400 # N	1.03	0.16	18.4						
	<u>FIRST TWO YEARS</u>		<u>SECOND TWO YEARS</u>		<u>THIRD TWO YEARS</u>					
	<u>RESPONSE</u>		<u>RESPONSE</u>		<u>RESPONSE</u>					
	<u>TRT</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>
NET BASAL AREA PAI (SQ.FT/A)	CON	3.5			4.4			-2.0		
	200	3.0	-0.5	-14.3	3.5	-0.9	-20.5	2.4	4.4	220.0
	400	4.6	1.1	31.4	5.5	1.1	25.0	3.6	5.6	280.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.4			4.4			2.5		
	200	3.8	0.4	11.8	4.4	0.0	0.0	2.5	0.0	0.0
	400	4.5	1.1	32.4	5.5	1.1	25.0	3.6	1.1	44.0

INSTALLATION 229 LOGOUT MTN EAST
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T20N R17E SECTION 31 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	69	YEARS
TREES PER ACRE	113	TREES/ACRE
BASAL AREA	130.2	SQ.FEET/ACRE
TOTAL VOLUME	4127	CU.FEET/ACRE
CCF	128.0	
RELATIVE DENSITY INDEX	34.1	
MEAN DIAMETER	14.5	INCHES
AVERAGE CROWN LENGTH	41.5	FEET
AVERAGE CROWN RATIO	48.4	PERCENT
SITE HEIGHT (40 TPA)	90.6	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	99.4	PERCENT
PONDEROSA PINE	0.6	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 130.2 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	23.3		
	200 # N	24.7	1.4	6.0
	400 # N	29.3	6.0	25.8
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	23.3		
	200 # N	24.6	1.3	5.6
	400 # N	29.5	6.2	26.6
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1019		
	200 # N	1167	148	14.5
	400 # N	1229	210	20.6
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1019		
	200 # N	1163	144	14.1
	400 # N	1234	215	21.1
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.27		
	200 # N	1.36	0.09	7.1
	400 # N	1.48	0.21	16.5

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	4.0			4.4			3.2		
	200	4.5	0.5	12.5	5.0	0.6	13.6	2.8	-0.4	-12.5
	400	5.0	1.0	25.0	5.9	1.5	34.1	3.7	0.5	15.6
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.0			4.4			3.2		
	200	4.5	0.5	12.5	5.0	0.6	13.6	2.8	-0.4	-12.5
	400	5.1	1.1	27.5	6.0	1.6	36.4	3.7	0.5	15.6

INSTALLATION 230 M.F. TEANAWAY RIVER
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T21N R15E SECTION 20 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	81 YEARS
TREES PER ACRE	128 TREES/ACRE
BASAL AREA	124.2 SQ.FEET/ACRE
TOTAL VOLUME	3961 CU.FEET/ACRE
CCF	119.5
RELATIVE DENSITY INDEX	33.9
MEAN DIAMETER	13.5 INCHES
AVERAGE CROWN LENGTH	38.2 FEET
AVERAGE CROWN RATIO	48.8 PERCENT
SITE HEIGHT (40 TPA)	94.0 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	86.0 PERCENT
GRAND FIR	2.2 PERCENT
LODGEPOLE PINE	1.0 PERCENT
PONDEROSA PINE	10.8 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 124.2 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	18.1		
	200 # N	27.9	9.8	54.1
	400 # N	35.5	17.4	96.1
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	18.4		
	200 # N	28.3	9.9	53.8
	400 # N	35.8	17.4	94.6
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	826		
	200 # N	1309	483	58.5
	400 # N	1526	700	84.7
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	831		
	200 # N	1317	486	58.5
	400 # N	1533	702	84.5
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.11		
	200 # N	1.55	0.44	39.6
	400 # N	1.89	0.78	70.3

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	2.3			3.6			3.1		
	200	4.0	1.7	73.9	5.5	1.9	52.8	4.5	1.4	45.2
	400	4.9	2.6	113.0	7.0	3.4	94.4	5.9	2.8	90.3
GROSS BASAL AREA PAI (SQ.FT/A)	CON	2.3			3.6			3.3		
	200	4.0	1.7	73.9	5.5	1.9	52.8	4.7	1.4	42.4
	400	4.9	2.6	113.0	7.0	3.4	94.4	6.0	2.7	81.8

INSTALLATION 231 ELMO OWNERSHIP: FLATHEAD (BIA)
 REGION: MONTANA MERIDIAN: PRINCIPAL
 LEGAL DESCRIPTION: T24N R21W SECTION 30

INITIAL STAND CHARACTERISTICS:

AGE	61	YEARS
TREES PER ACRE	168	TREES/ACRE
BASAL AREA	97.0	SQ.FEET/ACRE
TOTAL VOLUME	2247	CU.FEET/ACRE
CCF	110.1	
RELATIVE DENSITY INDEX	30.3	
MEAN DIAMETER	10.3	INCHES
AVERAGE CROWN LENGTH	27.6	FEET
AVERAGE CROWN RATIO	47.3	PERCENT
SITE HEIGHT (40 TPA)	65.5	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	95.0	PERCENT
WESTERN LARCH	0.1	PERCENT
PONDEROSA PINE	4.9	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 97.0 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	16.9		
	200 # N	19.0	2.1	12.4
	400 # N	19.9	3.0	17.8
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	16.9		
	200 # N	19.4	2.5	14.8
	400 # N	19.5	2.6	15.4
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	540		
	200 # N	581	41	7.6
	400 # N	633	93	17.2
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	540		
	200 # N	593	53	9.8
	400 # N	620	80	14.8
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.87		
	200 # N	0.95	0.08	9.2
	400 # N	1.02	0.15	17.2

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.6			2.1			2.8		
	200	4.3	0.7	19.4	2.6	0.5	23.8	2.7	-0.1	-3.6
	400	4.5	0.9	25.0	2.4	0.3	14.3	3.0	0.2	7.1
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.5			2.1			2.8		
	200	4.3	0.8	22.9	2.5	0.4	19.0	2.9	0.1	3.6
	400	4.5	1.0	28.6	2.3	0.2	9.5	2.9	0.1	3.6

INSTALLATION 232 SUNNY SLOPE
 REGION: MONTANA OWNERSHIP: FLATHEAD (BIA)
 LEGAL DESCRIPTION: T23N R21W SECTION 12 MERIDIAN: PRINCIPAL

INITIAL STAND CHARACTERISTICS:

AGE	54 YEARS
TREES PER ACRE	197 TREES/ACRE
BASAL AREA	137.7 SQ.FEET/ACRE
TOTAL VOLUME	3678 CU.FEET/ACRE
CCF	147.1
RELATIVE DENSITY INDEX	40.9
MEAN DIAMETER	11.3 INCHES
AVERAGE CROWN LENGTH	34.2 FEET
AVERAGE CROWN RATIO	49.0 PERCENT
SITE HEIGHT (40 TPA)	75.5 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	85.8 PERCENT
WESTERN LARCH	7.0 PERCENT
PONDEROSA PINE	7.2 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 137.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	24.3		
	200 # N	29.2	4.9	20.2
	400 # N	27.7	3.4	14.0
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	24.4		
	200 # N	29.1	4.7	19.3
	400 # N	29.7	5.3	21.7
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	919		
	200 # N	1168	249	27.1
	400 # N	1136	217	23.6
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	923		
	200 # N	1162	239	25.9
	400 # N	1192	269	29.1
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.93		
	200 # N	1.11	0.18	19.4
	400 # N	1.32	0.39	41.9

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	5.2			2.9			4.0		
	200	6.8	1.6	30.8	3.6	0.7	24.1	4.3	0.3	7.5
	400	7.0	1.8	34.6	2.3	-0.6	-20.7	4.5	0.5	12.5
GROSS BASAL AREA PAI (SQ.FT/A)	CON	5.2			2.9			4.1		
	200	6.7	1.5	28.8	3.6	0.7	24.1	4.2	0.1	2.4
	400	7.0	1.8	34.6	3.4	0.5	17.2	4.5	0.4	9.8

INSTALLATION 233 HELLROARING CREEK
 REGION: MONTANA OWNERSHIP: FLATHEAD (BIA)
 LEGAL DESCRIPTION: T23N R19W SECTION 33 MERIDIAN: PRINCIPAL

 INITIAL STAND CHARACTERISTICS:

AGE	54	YEARS
TREES PER ACRE	173	TREES/ACRE
BASAL AREA	144.3	SQ.FEET/ACRE
TOTAL VOLUME	3949	CU.FEET/ACRE
CCF	153.8	
RELATIVE DENSITY INDEX	41.0	
MEAN DIAMETER	12.4	INCHES
AVERAGE CROWN LENGTH	34.8	FEET
AVERAGE CROWN RATIO	48.4	PERCENT
SITE HEIGHT (40 TPA)	76.8	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	93.2	PERCENT
WESTERN LARCH	2.4	PERCENT
PONDEROSA PINE	4.4	PERCENT

 GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON
 INITIAL BASAL AREA OF 144.3 SQ.FEET/ACRE

 RESPONSE

	TREATMENT	INCREMENT	DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	23.6		
	200 # N	25.3	1.7	7.2
	400 # N	26.7	3.1	13.1
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	23.1		
	200 # N	25.5	2.4	10.4
	400 # N	27.0	3.9	16.9
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	930		
	200 # N	1057	127	13.7
	400 # N	1073	143	15.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	908		
	200 # N	1063	155	17.1
	400 # N	1084	176	19.4
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.92		
	200 # N	1.03	0.11	12.0
	400 # N	1.13	0.21	22.8
	FIRST TWO YEARS		SECOND TWO YEARS	
	RESPONSE		RESPONSE	
	TRT	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	4.8		
	200	5.4	0.6	12.5
	400	5.6	0.8	16.7
	CON	3.0		
	200	3.5	0.5	16.7
	400	3.6	0.6	20.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.7		
	200	5.4	0.7	14.9
	400	5.7	1.0	21.3
	CON	2.9		
	200	3.5	0.6	20.7
	400	3.6	0.7	24.1
	CON	3.9		
	200	3.8	-0.1	-2.6
	400	4.2	0.3	7.7

INSTALLATION 234 RONAN
 REGION: MONTANA OWNERSHIP: FLATHEAD (BIA)
 LEGAL DESCRIPTION: T20N R19W SECTION 5 MERIDIAN: PRINCIPAL

INITIAL STAND CHARACTERISTICS:

AGE	59	YEARS
TREES PER ACRE	177	TREES/ACRE
BASAL AREA	131.5	SQ.FEET/ACRE
TOTAL VOLUME	3491	CU.FEET/ACRE
CCF	137.8	
RELATIVE DENSITY INDEX	38.4	
MEAN DIAMETER	11.7	INCHES
AVERAGE CROWN LENGTH	36.0	FEET
AVERAGE CROWN RATIO	53.0	PERCENT
SITE HEIGHT (40 TPA)	73.7	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	76.7	PERCENT
GRAND FIR	1.0	PERCENT
WESTERN LARCH	5.1	PERCENT
PONDEROSA PINE	17.3	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 131.5 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	24.6		
	200 # N	24.0	-0.6	-2.4
	400 # N	17.3	-7.3	-29.7
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	24.3		
	200 # N	23.8	-0.5	-2.1
	400 # N	21.3	-3.0	-12.3
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1089		
	200 # N	1081	-8	-0.7
	400 # N	823	-266	-24.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1077		
	200 # N	1073	-4	-0.4
	400 # N	932	-145	-13.5
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.05		
	200 # N	1.02	-0.03	-2.9
	400 # N	0.89	-0.16	-15.2

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	5.0			3.4			3.9		
	200	5.2	0.2	4.0	2.8	-0.6	-17.6	4.0	0.1	2.6
	400	4.6	-0.4	-8.0	2.5	-0.9	-26.5	1.5	-2.4	-61.5
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.9			3.4			3.8		
	200	5.1	0.2	4.1	2.8	-0.6	-17.6	3.9	0.1	2.6
	400	4.7	-0.2	-4.1	2.8	-0.6	-17.6	3.2	-0.6	-15.8

INSTALLATION 235 FISH CREEK
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T14N R24W SECTION 5 MERIDIAN: PRINCIPAL

INITIAL STAND CHARACTERISTICS:

AGE	74	YEARS
TREES PER ACRE	327	TREES/ACRE
BASAL AREA	110.3	SQ.FEET/ACRE
TOTAL VOLUME	2487	CU.FEET/ACRE
CCF	131.1	
RELATIVE DENSITY INDEX	39.2	
MEAN DIAMETER	8.0	INCHES
AVERAGE CROWN LENGTH	20.7	FEET
AVERAGE CROWN RATIO	37.8	PERCENT
SITE HEIGHT (40 TPA)	63.2	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	81.1	PERCENT
WESTERN LARCH	0.3	PERCENT
LOGEPOLE PINE	0.8	PERCENT
PONDEROSA PINE	17.8	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 110.3 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	11.4		
	200 # N	13.3	1.9	16.7
	400 # N	12.1	0.7	6.1
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	13.3		
	200 # N	16.9	3.6	27.1
	400 # N	17.6	4.3	32.3
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	420		
	200 # N	507	87	20.7
	400 # N	433	13	3.1
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	456		
	200 # N	577	121	26.5
	400 # N	541	85	18.6
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.52		
	200 # N	0.73	0.21	40.4
	400 # N	0.78	0.26	50.0

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	2.2			1.3			2.2		
	200	3.0	0.8	36.4	1.2	-0.1	-7.7	2.4	0.2	9.1
	400	2.8	0.6	27.3	0.8	-0.5	-38.5	2.4	0.2	9.1
GROSS BASAL AREA PAI (SQ.FT/A)	CON	2.1			2.3			2.3		
	200	3.0	0.9	42.9	3.0	0.7	30.4	2.5	0.2	8.7
	400	2.8	0.7	33.3	3.2	0.9	39.1	2.8	0.5	21.7

INSTALLATION 236 DEER CREEK
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T13N R18W SECTION 20 MERIDIAN: PRINCIPAL

INITIAL STAND CHARACTERISTICS:

AGE	80	YEARS
TREES PER ACRE	298	TREES/ACRE
BASAL AREA	167.7	SQ.FEET/ACRE
TOTAL VOLUME	4296	CU.FEET/ACRE
CCF	189.9	
RELATIVE DENSITY INDEX	52.5	
MEAN DIAMETER	10.2	INCHES
AVERAGE CROWN LENGTH	19.3	FEET
AVERAGE CROWN RATIO	30.1	PERCENT
SITE HEIGHT (40 TPA)	75.5	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	95.2	PERCENT
PONDEROSA PINE	4.8	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 167.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	13.2		
	200 # N	13.0	-0.2	-1.5
	400 # N	11.0	-2.2	-16.7
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	13.5		
	200 # N	12.6	-0.9	-6.7
	400 # N	14.3	0.8	5.9
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	563		
	200 # N	527	-36	-6.4
	400 # N	545	-18	-3.2
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	573		
	200 # N	513	-60	-10.5
	400 # N	615	42	7.3
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.39		
	200 # N	0.41	0.02	5.1
	400 # N	0.52	0.13	33.3

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	2.6			2.0			2.0		
	200	2.7	0.1	3.8	1.9	-0.1	-5.0	1.8	-0.2	-10.0
	400	2.8	0.2	7.7	2.1	0.1	5.0	0.7	-1.3	-65.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	2.7			2.0			2.0		
	200	2.7	0.0	0.0	1.9	-0.1	-5.0	1.7	-0.3	-15.0
	400	2.8	0.1	3.7	2.1	0.1	5.0	2.2	0.2	10.0

INSTALLATION 237 MOLLET PARK
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T15N R12W SECTION 9 MERIDIAN: PRINCIPAL

INITIAL STAND CHARACTERISTICS:

AGE	90	YEARS
TREES PER ACRE	232	TREES/ACRE
BASAL AREA	148.5	SQ.FEET/ACRE
TOTAL VOLUME	4055	CU.FEET/ACRE
CCF	160.7	
RELATIVE DENSITY INDEX	44.9	
MEAN DIAMETER	10.9	INCHES
AVERAGE CROWN LENGTH	24.5	FEET
AVERAGE CROWN RATIO	37.3	PERCENT
SITE HEIGHT (40 TPA)	79.8	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	97.3	PERCENT
PONDEROSA PINE	2.7	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 148.5 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	19.9		
	200 # N	15.0	-4.9	-24.6
	400 # N	13.0	-6.9	-34.7
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	19.2		
	200 # N	18.7	-0.5	-2.6
	400 # N	15.8	-3.4	-17.7
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	668		
	200 # N	585	-83	-12.4
	400 # N	508	-160	-24.0
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	642		
	200 # N	665	23	3.6
	400 # N	600	-42	-6.5
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.72		
	200 # N	0.59	-0.13	-18.1
	400 # N	0.58	-0.14	-19.4

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.9			2.6			3.4		
	200	3.7	-0.2	-5.1	2.7	0.1	3.8	1.1	-2.3	-67.6
	400	1.9	-2.0	-51.3	2.1	-0.5	-19.2	2.5	-0.9	-26.5
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.7			2.6			3.4		
	200	3.8	0.1	2.7	2.6	0.0	0.0	2.9	-0.5	-14.7
	400	3.3	-0.4	-10.8	2.1	-0.5	-19.2	2.5	-0.9	-26.5

INSTALLATION 238 BULLALO BILL CREEK
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T22N R26W SECTION 34 MERIDIAN: PRINCIPAL

INITIAL STAND CHARACTERISTICS:

AGE	32	YEARS
TREES PER ACRE	213	TREES/ACRE
BASAL AREA	47.9	SQ.FEET/ACRE
TOTAL VOLUME	738	CU.FEET/ACRE
CCF	62.1	
RELATIVE DENSITY INDEX	18.9	
MEAN DIAMETER	6.4	INCHES
AVERAGE CROWN LENGTH	25.6	FEET
AVERAGE CROWN RATIO	74.4	PERCENT
SITE HEIGHT (40 TPA)	41.1	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	83.9	PERCENT
WESTERN LARCH	8.6	PERCENT
LODGEPOLE PINE	6.9	PERCENT
PONDEROSA PINE	0.6	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 47.9 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	18.2		
	200 # N	23.0	4.8	26.4
	400 # N	22.9	4.7	25.8
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	18.8		
	200 # N	23.1	4.3	22.9
	400 # N	23.1	4.3	22.9
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	367		
	200 # N	485	118	32.2
	400 # N	531	164	44.7
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	386		
	200 # N	487	101	26.2
	400 # N	536	150	38.9
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.10		
	200 # N	1.41	0.31	28.2
	400 # N	1.50	0.40	36.4

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.5			2.2			3.4		
	200	4.8	1.3	37.1	3.3	1.1	50.0	3.4	0.0	0.0
	400	4.5	1.0	28.6	3.4	1.2	54.5	3.6	0.2	5.9
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.7			2.4			3.3		
	200	4.8	1.1	29.7	3.3	0.9	37.5	3.5	0.2	6.1
	400	4.4	0.7	18.9	3.5	1.1	45.8	3.6	0.3	9.1

INSTALLATION 239 WAHA #2
 REGION: NORTHEAST OREGON OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T33N R4W SECTION 10 MERIDIAN: BOISE

 INITIAL STAND CHARACTERISTICS:

AGE	87	YEARS
TREES PER ACRE	156	TREES/ACRE
BASAL AREA	188.5	SQ.FEET/ACRE
TOTAL VOLUME	6208	CU.FEET/ACRE
CCF	168.9	
RELATIVE DENSITY INDEX	48.8	
MEAN DIAMETER	14.9	INCHES
AVERAGE CROWN LENGTH	32.2	FEET
AVERAGE CROWN RATIO	39.8	PERCENT
SITE HEIGHT (40 TPA)	95.7	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	88.4	PERCENT
PONDEROSA PINE	11.6	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 188.5 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	18.1		
	200 # N	20.7	2.6	14.4
	400 # N	-3.5	-21.6	-119.3
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	23.2		
	200 # N	22.6	-0.6	-2.6
	400 # N	22.1	-1.1	-4.7
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	852		
	200 # N	1065	213	25.0
	400 # N	-52	-904	-106.1
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1014		
	200 # N	1121	107	10.6
	400 # N	1065	51	5.0
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.30		
	200 # N	1.04	-0.26	-20.0
	400 # N	0.95	-0.35	-26.9

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	2.0			4.1			3.0		
	200	4.2	2.2	110.0	3.4	-0.7	-17.1	2.7	-0.3	-10.0
	400	4.8	2.8	140.0	-2.1	-6.2	-151.2	-4.5	-7.5	-250.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.3			4.2			3.1		
	200	4.3	0.0	0.0	4.2	0.0	0.0	2.8	-0.3	-9.7
	400	4.6	0.3	7.0	4.0	-0.2	-4.8	2.5	-0.6	-19.4

INSTALLATION 240 QUARTZ CREEK #1
 REGION: NORTHERN IDAHO OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T37N R5E SECTION 8 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	41	YEARS
TREES PER ACRE	345	TREES/ACRE
BASAL AREA	149.7	SQ.FEET/ACRE
TOTAL VOLUME	3701	CU.FEET/ACRE
CCF	174.8	
RELATIVE DENSITY INDEX	49.9	
MEAN DIAMETER	8.9	INCHES
AVERAGE CROWN LENGTH	30.3	FEET
AVERAGE CROWN RATIO	50.4	PERCENT
SITE HEIGHT (40 TPA)	69.9	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	79.0	PERCENT
GRAND FIR	3.5	PERCENT
WESTERN REDCEDAR	1.9	PERCENT
WESTERN LARCH	14.7	PERCENT
WHITE PINE	1.0	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 149.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	40.5		
	200 # N	46.4	5.9	14.6
	400 # N	46.3	5.8	14.3
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	39.8		
	200 # N	48.7	8.9	22.4
	400 # N	47.2	7.4	18.6
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1631		
	200 # N	1755	124	7.6
	400 # N	1813	182	11.2
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1606		
	200 # N	1809	203	12.6
	400 # N	1824	218	13.6
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.14		
	200 # N	1.37	0.23	20.2
	400 # N	1.30	0.16	14.0

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	6.3			6.4			7.6		
	200	7.4	1.1	17.5	8.3	1.9	29.7	7.5	-0.1	-1.3
	400	8.3	2.0	31.7	7.2	0.8	12.5	7.7	0.1	1.3
GROSS BASAL AREA PAI (SQ.FT/A)	CON	6.1			6.3			7.5		
	200	8.3	2.2	36.1	8.2	1.9	30.2	7.8	0.3	4.0
	400	8.3	2.2	36.1	7.8	1.5	23.8	7.6	0.1	1.3

INSTALLATION 241 WOODY MTN
 REGION: CENTRAL WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T33N R24E SECTION 9 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	72	YEARS
TREES PER ACRE	303	TREES/ACRE
BASAL AREA	113.7	SQ.FEET/ACRE
TOTAL VOLUME	2622	CU.FEET/ACRE
CCF	136.9	
RELATIVE DENSITY INDEX	39.5	
MEAN DIAMETER	8.3	INCHES
AVERAGE CROWN LENGTH	26.2	FEET
AVERAGE CROWN RATIO	47.4	PERCENT
SITE HEIGHT (40 TPA)	63.3	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	88.9	PERCENT
WESTERN LARCH	0.4	PERCENT
LODGEPOLE PINE	0.9	PERCENT
PONDEROSA PINE	9.8	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 113.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	27.3		
	200 # N	18.7	-8.6	-31.5
	400 # N	44.0	16.7	61.2
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	26.9		
	200 # N	30.2	3.3	12.3
	400 # N	43.4	16.5	61.3
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	894		
	200 # N	675	-219	-24.5
	400 # N	1359	465	52.0
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	881		
	200 # N	963	82	9.3
	400 # N	1342	461	52.3
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.94		
	200 # N	1.06	0.12	12.8
	400 # N	1.40	0.46	48.9

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	4.8			5.4			3.4		
	200	4.7	-0.1	-2.1	4.9	-0.5	-9.3	-0.2	-3.6	-105.9
	400	8.0	3.2	66.7	9.1	3.7	68.5	5.0	1.6	47.1
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.7			5.2			3.5		
	200	5.7	1.0	21.3	6.1	0.9	17.3	3.3	-0.2	-5.7
	400	7.9	3.2	68.1	8.9	3.7	71.2	4.8	1.3	37.1

INSTALLATION 242 N.F. NINEMILE CREEK
 REGION: CENTRAL WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T39N R24E SECTION 13 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	87 YEARS
TREES PER ACRE	432 TREES/ACRE
BASAL AREA	138.1 SQ.FEET/ACRE
TOTAL VOLUME	3391 CU.FEET/ACRE
CCF	171.1
RELATIVE DENSITY INDEX	49.8
MEAN DIAMETER	7.7 INCHES
AVERAGE CROWN LENGTH	20.3 FEET
AVERAGE CROWN RATIO	37.5 PERCENT
SITE HEIGHT (40 TPA)	70.8 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	94.2 PERCENT
LODGEPOLE PINE	5.8 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 138.1 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	14.7		
	200 # N	19.7	5.0	34.0
	400 # N	21.5	6.8	46.3
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	15.4		
	200 # N	19.3	3.9	25.3
	400 # N	25.9	10.5	68.2
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	499		
	200 # N	591	92	18.4
	400 # N	706	207	41.5
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	506		
	200 # N	575	69	13.6
	400 # N	809	303	59.9
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.47		
	200 # N	0.52	0.05	10.6
	400 # N	0.67	0.20	42.6

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.0			3.1			1.3		
	200	3.9	0.9	30.0	3.8	0.7	22.6	2.1	0.8	61.5
	400	4.2	1.2	40.0	4.7	1.6	51.6	1.8	0.5	38.5
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.0			3.1			1.6		
	200	3.9	0.9	30.0	3.8	0.7	22.6	1.9	0.3	18.8
	400	5.3	2.3	76.7	4.9	1.8	58.1	2.8	1.2	75.0

INSTALLATION 243 STARVATION LAKE
 REGION: NORTHEAST WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T35N R40E SECTION 13 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	73	YEARS
TREES PER ACRE	240	TREES/ACRE
BASAL AREA	130.4	SQ.FEET/ACRE
TOTAL VOLUME	3350	CU.FEET/ACRE
CCF	150.0	
RELATIVE DENSITY INDEX	41.2	
MEAN DIAMETER	10.0	INCHES
AVERAGE CROWN LENGTH	23.2	FEET
AVERAGE CROWN RATIO	36.3	PERCENT
SITE HEIGHT (40 TPA)	73.6	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	92.7	PERCENT
WESTERN LARCH	6.1	PERCENT
PONDEROSA PINE	1.1	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON
 INITIAL BASAL AREA OF 130.4 SQ.FEET/ACRE

RESPONSE

	TREATMENT	INCREMENT	DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	11.4		
	200 # N	23.6	12.2	107.0
	400 # N	20.3	8.9	78.1
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	21.7		
	200 # N	24.9	3.2	14.7
	400 # N	23.7	2.0	9.2
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	584		
	200 # N	914	330	56.5
	400 # N	770	186	31.8
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	854		
	200 # N	946	92	10.8
	400 # N	841	-13	-1.5
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.89		
	200 # N	0.98	0.09	10.1
	400 # N	1.12	0.23	25.8

		FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
	TRT	INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	4.2			0.7			0.8		
	200	3.8	-0.4	-9.5	4.6	3.9	557.1	3.5	2.7	337.5
	400	4.4	0.2	4.8	2.4	1.7	242.9	3.3	2.5	312.5
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.1			3.7			3.0		
	200	4.4	0.3	7.3	4.6	0.9	24.3	3.5	0.5	16.7
	400	4.4	0.3	7.3	4.3	0.6	16.2	3.1	0.1	3.3

INSTALLATION 244 BIG LOOKOUT MTN #1
 REGION: NORTHEAST OREGON OWNERSHIP: BLM (OREGON)
 LEGAL DESCRIPTION: T11S R45E SECTION 19 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	90 YEARS
TREES PER ACRE	207 TREES/ACRE
BASAL AREA	272.2 SQ.FEET/ACRE
TOTAL VOLUME	8320 CU.FEET/ACRE
CCF	248.3
RELATIVE DENSITY INDEX	68.6
MEAN DIAMETER	16.1 INCHES
AVERAGE CROWN LENGTH	31.8 FEET
AVERAGE CROWN RATIO	40.0 PERCENT
SITE HEIGHT (40 TPA)	93.9 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	100.0 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 272.2 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CCNTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	16.2		
	200 # N	20.1	3.9	24.1
	400 # N	19.0	2.8	17.3
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	18.0		
	200 # N	19.7	1.7	9.4
	400 # N	18.7	0.7	3.9
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	985		
	200 # N	1107	122	12.4
	400 # N	1085	100	10.2
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1052		
	200 # N	1091	39	3.7
	400 # N	1073	21	2.0
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.52		
	200 # N	0.57	0.05	9.6
	400 # N	0.57	0.05	9.6

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	2.3			3.0			2.8		
	200	3.0	0.7	30.4	3.9	0.9	30.0	3.1	0.3	10.7
	400	2.8	0.5	21.7	3.6	0.6	20.0	3.1	0.3	10.7
GROSS BASAL AREA PAI (SQ.FT/A)	CON	2.8			3.3			2.9		
	200	2.9	0.1	3.6	3.9	0.6	18.2	3.1	0.2	6.9
	400	2.8	0.0	0.0	3.6	0.3	9.1	3.0	0.1	3.4

INSTALLATION 245 BIG LOOKOUT MTN #2
 REGION: NORTHEAST OREGON OWNERSHIP: BLM (OREGON)
 LEGAL DESCRIPTION: T12S R44E SECTION 12 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	52	YEARS
TREES PER ACRE	252	TREES/ACRE
BASAL AREA	191.7	SQ.FEET/ACRE
TOTAL VOLUME	3788	CU.FEET/ACRE
CCF	199.8	
RELATIVE DENSITY INDEX	55.0	
MEAN DIAMETER	12.2	INCHES
AVERAGE CROWN LENGTH	23.3	FEET
AVERAGE CROWN RATIO	45.4	PERCENT
SITE HEIGHT (40 TPA)	58.8	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	100.0	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 191.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	7.5		
	200 # N	13.9	6.4	85.3
	400 # N	27.2	19.7	262.7
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	18.5		
	200 # N	22.3	3.8	20.5
	400 # N	26.1	7.6	41.1
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	481		
	200 # N	656	175	36.4
	400 # N	1027	546	113.5
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	701		
	200 # N	807	106	15.1
	400 # N	952	251	35.8
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.93		
	200 # N	0.93	0.00	0.0
	400 # N	0.92	-0.01	-1.1

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	2.8			0.2			0.7		
	200	4.1	1.3	46.4	0.8	0.6	300.0	2.0	1.3	185.7
	400	4.9	2.1	75.0	5.1	4.9	2450.0	3.6	2.9	414.3
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.3			3.5			2.4		
	200	4.2	0.9	27.3	4.2	0.7	20.0	2.8	0.4	16.7
	400	4.5	1.2	36.4	4.7	1.2	34.3	3.8	1.4	58.3

INSTALLATION 246 KETTLE FALLS
 REGION: NORTHEAST WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T36N R37E SECTION 36 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	34	YEARS
TREES PER ACRE	347	TREES/ACRE
BASAL AREA	99.7	SQ.FEET/ACRE
TOTAL VOLUME	211.1	CU.FEET/ACRE
CCF	126.8	
RELATIVE DENSITY INDEX	36.9	
MEAN DIAMETER	7.4	INCHES
AVERAGE CROWN LENGTH	23.0	FEET
AVERAGE CROWN RATIO	46.6	PERCENT
SITE HEIGHT (40 TPA)	58.2	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	95.6	PERCENT
PONDEROSA PINE	4.4	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 99.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	19.5		
	200 # N	22.5	3.0	15.4
	400 # N	15.3	-4.2	-21.5
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	20.4		
	200 # N	25.5	5.1	25.0
	400 # N	26.5	6.1	29.9
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	800		
	200 # N	853	53	6.6
	400 # N	574	-226	-28.3
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	815		
	200 # N	914	99	12.1
	400 # N	822	7	0.9
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.85		
	200 # N	1.15	0.30	35.3
	400 # N	1.15	0.30	35.3

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	4.8			3.3			1.6		
	200	6.2	1.4	29.2	4.1	0.8	24.2	0.9	-0.7	-43.7
	400	6.7	1.9	39.6	4.3	1.0	30.3	-3.3	-4.9	-306.2
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.8			3.3			2.1		
	200	6.2	1.4	29.2	4.1	0.8	24.2	2.4	0.3	14.3
	400	6.7	1.9	39.6	4.5	1.2	36.4	2.0	-0.1	-4.8

INSTALLATION 247 PARK RAPIDS
 REGION: NORTHEAST WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T35N R40E SECTION 24 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	76	YEARS
TREES PER ACRE	213	TREES/ACRE
BASAL AREA	137.4	SQ.FEET/ACRE
TOTAL VOLUME	3794	CU.FEET/ACRE
CCF	149.5	
RELATIVE DENSITY INDEX	41.7	
MEAN DIAMETER	10.9	INCHES
AVERAGE CROWN LENGTH	30.4	FEET
AVERAGE CROWN RATIO	43.0	PERCENT
SITE HEIGHT (40 TPA)	79.5	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	86.2	PERCENT
WESTERN LARCH	8.6	PERCENT
LODGEPOLE PINE	1.6	PERCENT
PONDEROSA PINE	3.6	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 137.4 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL 200 # N 400 # N	18.9 19.3 11.5	0.4 -7.4	2.1 -39.2
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL 200 # N 400 # N	20.2 25.4 22.6	5.2 2.4	25.7 11.9
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL 200 # N 400 # N	761 820 631	59 -130	7.8 -17.1
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL 200 # N 400 # N	792 976 906	184 114	23.2 14.4
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL 200 # N 400 # N	0.85 1.10 1.19	0.25 0.34	29.4 40.0

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON 200 400	4.6 6.0 5.5	1.4 0.9	30.4 19.6	2.7 1.1 -1.1	-1.6 -3.8	-59.3 -140.7	2.1 2.5 1.3	0.4 -0.8	19.0 -38.1
GROSS BASAL AREA PAI (SQ.FT/A)	CON 200 400	4.7 6.0 5.4	1.3 0.7	27.7 14.9	3.3 4.1 3.6	0.8 0.3	24.2 9.1	2.2 2.6 2.2	0.4 0.0	18.2 0.0

INSTALLATION 248 QUINEY FLAT
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T5N R14E SECTION 1 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	64 YEARS
TREES PER ACRE	190 TREES/ACRE
BASAL AREA	114.7 SQ.FEET/ACRE
TOTAL VOLUME	2831 CU.FEET/ACRE
CCF	129.6
RELATIVE DENSITY INDEX	35.3
MEAN DIAMETER	10.5 INCHES
AVERAGE CROWN LENGTH	32.6 FEET
AVERAGE CROWN RATIO	53.4 PERCENT
SITE HEIGHT (40 TPA)	71.9 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	94.0 PERCENT
PONDEROSA PINE	6.0 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 114.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	36.2		
	200 # N	41.0	4.8	13.3
	400 # N	34.9	-1.3	-3.6
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	36.2		
	200 # N	41.2	5.0	13.8
	400 # N	34.7	-1.5	-4.1
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1213		
	200 # N	1382	169	13.9
	400 # N	1218	5	0.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1212		
	200 # N	1387	175	14.4
	400 # N	1212	0	0.0
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.59		
	200 # N	1.75	0.16	10.1
	400 # N	1.45	-0.14	-8.8

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	6.9			5.5			5.7		
	200	8.2	1.3	18.8	6.4	0.9	16.4	5.9	0.2	3.5
	400	7.5	0.6	8.7	5.2	-0.3	-5.5	4.8	-0.9	-15.8
GROSS BASAL AREA PAI (SQ.FT/A)	CON	6.9			5.5			5.7		
	200	8.2	1.3	18.8	6.4	0.9	16.4	6.0	0.3	5.3
	400	7.5	0.6	8.7	5.2	-0.3	-5.5	4.7	-1.0	-17.5

INSTALLATION 249 KAISER BUTTE #2
 REGION: CENTRAL WASHINGTON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T6N R15E SECTION 20 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	77 YEARS
TREES PER ACRE	202 TREES/ACRE
BASAL AREA	172.3 SQ.FEET/ACRE
TOTAL VOLUME	5573 CU.FEET/ACRE
CCF	174.3
RELATIVE DENSITY INDEX	48.5
MEAN DIAMETER	12.7 INCHES
AVERAGE CROWN LENGTH	35.8 FEET
AVERAGE CROWN RATIO	44.1 PERCENT
SITE HEIGHT (40 TPA)	98.8 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	98.4 PERCENT
PONDEROSA PINE	1.6 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 172.3 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	29.8		
	200 # N	36.3	6.5	21.8
	400 # N	34.4	4.6	15.4
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	30.2		
	200 # N	36.0	5.8	19.2
	400 # N	35.5	5.3	17.5
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1254		
	200 # N	1482	228	18.2
	400 # N	1461	207	16.5
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1262		
	200 # N	1470	208	16.5
	400 # N	1491	229	18.1
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.20		
	200 # N	1.23	0.03	2.5
	400 # N	1.36	0.16	13.3

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	5.6			4.3			5.0		
	200	7.3	1.7	30.4	5.6	1.3	30.2	5.3	0.3	6.0
	400	6.8	1.2	21.4	5.4	1.1	25.6	4.9	-0.1	-2.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	5.6			4.5			5.0		
	200	7.2	1.6	28.6	5.5	1.0	22.2	5.2	0.2	4.0
	400	6.9	1.3	23.2	5.5	1.0	22.2	5.4	0.4	8.0

INSTALLATION 250 QUARTZ CREEK #2
 REGION: NORTHERN IDAHO OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T37N R5E SECTION 5 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	38 YEARS
TREES PER ACRE	340 TREES/ACRE
BASAL AREA	114.3 SQ.FEET/ACRE
TOTAL VOLUME	2254 CU.FEET/ACRE
CCF	144.7
RELATIVE DENSITY INDEX	40.7
MEAN DIAMETER	7.9 INCHES
AVERAGE CROWN LENGTH	29.6 FEET
AVERAGE CROWN RATIO	65.6 PERCENT
SITE HEIGHT (40 TPA)	58.2 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	93.5 PERCENT
GRAND FIR	3.1 PERCENT
WESTERN REDCEDAR	2.4 PERCENT
WHITE PINE	1.0 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 114.3 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	43.4		
	200 # N	54.8	11.4	26.3
	400 # N	71.0	27.6	63.6
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	47.8		
	200 # N	55.7	7.9	16.5
	400 # N	72.1	24.3	50.8
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1391		
	200 # N	1555	164	11.8
	400 # N	2032	641	46.1
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1476		
	200 # N	1574	98	6.6
	400 # N	2034	558	37.8
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.65		
	200 # N	1.86	0.21	12.7
	400 # N	2.47	0.82	49.7

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	8.5			7.0			6.2		
	200	10.3	1.8	21.2	9.1	2.1	30.0	8.0	1.8	29.0
	400	13.8	5.3	62.4	11.1	4.1	58.6	10.6	4.4	71.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	8.4			7.6			7.9		
	200	10.4	2.0	23.8	9.1	1.5	19.7	8.3	0.4	5.1
	400	13.8	5.4	64.3	11.8	4.2	55.3	10.4	2.5	31.6

INSTALLATION 251 GAME CREEK
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T13N R16W SECTION 30 MERIDIAN: PRINCIPAL

INITIAL STAND CHARACTERISTICS:

AGE	60	YEARS
TREES PER ACRE	393	TREES/ACRE
BASAL AREA	151.0	SQ. FEET/ACRE
TOTAL VOLUME	3287	CU. FEET/ACRE
CCF	180.9	
RELATIVE DENSITY INDEX	52.0	
MEAN DIAMETER	8.6	INCHES
AVERAGE CROWN LENGTH	22.6	FEET
AVERAGE CROWN RATIO	43.6	PERCENT
SITE HEIGHT (40 TPA)	63.7	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	92.5	PERCENT
WESTERN LARCH	4.1	PERCENT
LODGEPOLE PINE	1.4	PERCENT
PONDEROSA PINE	2.1	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 151.0 SQ. FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ. FEET/ACRE)	CONTROL	11.9		
	200 # N	13.1	1.2	10.1
	400 # N	14.7	2.8	23.5
SIX-YEAR GROSS BASAL AREA (SQ. FEET/ACRE)	CONTROL	11.9		
	200 # N	14.4	2.5	21.0
	400 # N	14.1	2.2	18.5
SIX-YEAR NET TOTAL VOLUME (CU. FEET/ACRE)	CONTROL	438		
	200 # N	515	77	17.6
	400 # N	502	64	14.6
SIX-YEAR GROSS TOTAL VOLUME (CU. FEET/ACRE)	CONTROL	436		
	200 # N	534	98	22.5
	400 # N	482	46	10.6
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.33		
	200 # N	0.36	0.03	9.1
	400 # N	0.42	0.09	27.3

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ. FT/A)	CON	2.3			2.2			1.5		
	200	3.0	0.7	30.4	2.5	0.3	13.6	1.1	-0.4	-26.7
	400	3.0	0.7	30.4	2.6	0.4	18.2	1.8	0.3	20.0
GROSS BASAL AREA PAI (SQ. FT/A)	CON	2.3			2.2			1.5		
	200	3.0	0.7	30.4	2.4	0.2	9.1	1.8	0.3	20.0
	400	3.0	0.7	30.4	2.5	0.3	13.6	1.6	0.1	6.7

INSTALLATION 252 BLACK CANYON RANCH
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T15N R13W SECTION 6 MERIDIAN: PRINCIPAL

INITIAL STAND CHARACTERISTICS:

AGE	89	YEARS
TREES PER ACRE	407	TREES/ACRE
BASAL AREA	144.0	SQ.FEET/ACRE
TOTAL VOLUME	3095	CU.FEET/ACRE
CCF	172.0	
RELATIVE DENSITY INDEX	50.7	
MEAN DIAMETER	8.1	INCHES
AVERAGE CROWN LENGTH	22.3	FEET
AVERAGE CROWN RATIO	47.6	PERCENT
SITE HEIGHT (40 TPA)	60.5	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	81.5	PERCENT
WESTERN LARCH	2.6	PERCENT
LUDGEPOLE PINE	10.6	PERCENT
PONDEROSA PINE	5.2	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 144.0 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	13.5		
	200 # N	18.4	4.9	36.3
	400 # N	18.9	5.4	40.0
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	13.2		
	200 # N	18.9	5.7	43.2
	400 # N	18.2	5.0	37.9
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	445		
	200 # N	529	84	18.9
	400 # N	615	170	38.2
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	435		
	200 # N	545	110	25.3
	400 # N	596	161	37.0
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.38		
	200 # N	0.43	0.05	13.2
	400 # N	0.54	0.16	42.1

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	2.9			2.3			1.5		
	200	4.1	1.2	41.4	3.3	1.0	43.5	1.8	0.3	20.0
	400	3.8	0.9	31.0	3.3	1.0	43.5	2.3	0.8	53.3
GROSS BASAL AREA PAI (SQ.FT/A)	CON	2.8			2.3			1.5		
	200	4.1	1.3	46.4	3.3	1.0	43.5	2.0	0.5	33.3
	400	3.7	0.9	32.1	3.2	0.9	39.1	2.2	0.7	46.7

INSTALLATION 253 ELK CREEK RESERVOIR
 REGION: NORTHERN IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T40N R2E SECTION 36 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	53	YEARS
TREES PER ACRE	247	TREES/ACRE
BASAL AREA	203.2	SQ.FEET/ACRE
TOTAL VOLUME	7092	CU.FEET/ACRE
CCF	217.7	
RELATIVE DENSITY INDEX	57.8	
MEAN DIAMETER	12.4	INCHES
AVERAGE CROWN LENGTH	39.8	FEET
AVERAGE CROWN RATIO	47.1	PERCENT
SITE HEIGHT (40 TPA)	101.3	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	70.6	PERCENT
GRAND FIR	23.3	PERCENT
WESTERN REDCEDAR	5.8	PERCENT
WHITE PINE	0.3	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 203.2 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE							
			DIFFERENCE	% OF CONTROL						
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	27.1								
	200 # N	33.7	6.6	24.4						
	400 # N	39.2	12.1	44.6						
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	29.9								
	200 # N	33.8	3.9	13.0						
	400 # N	44.4	14.5	48.5						
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1651								
	200 # N	1931	280	17.0						
	400 # N	2130	479	29.0						
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1736								
	200 # N	1934	198	11.4						
	400 # N	2281	545	31.4						
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.21								
	200 # N	0.99	-0.22	-18.2						
	400 # N	1.25	0.04	3.3						
	<u>FIRST TWO YEARS</u>		<u>SECOND TWO YEARS</u>		<u>THIRD TWO YEARS</u>					
	<u>RESPONSE</u>				<u>RESPONSE</u>					
	<u>TRT</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>
NET BASAL AREA PAI (SQ.FT/A)	CON	5.6			4.9			3.0		
	200	6.2	0.6	10.7	5.5	-0.6	12.2	5.1	2.1	70.0
	400	7.7	2.1	37.5	4.8	-0.1	-2.0	7.1	4.1	136.7
GROSS BASAL AREA PAI (SQ.FT/A)	CON	5.5			4.8			4.6		
	200	6.2	0.7	12.7	5.5	0.7	14.6	5.2	0.6	13.0
	400	7.7	2.2	40.0	7.4	2.6	54.2	7.1	2.5	54.3

INSTALLATION 254 CRANBERRY CREEK
 REGION: NORTHERN IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T38N R2E SECTION 12 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	27	YEARS
TREES PER ACRE	460	TREES/ACRE
BASAL AREA	92.2	SQ.FEET/ACRE
TOTAL VOLUME	1625	CU.FEET/ACRE
CCF	129.4	
RELATIVE DENSITY INDEX	37.3	
MEAN DIAMETER	6.1	INCHES
AVERAGE CROWN LENGTH	25.7	FEET
AVERAGE CROWN RATIO	66.4	PERCENT
SITE HEIGHT (40 TPA)	48.6	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	72.0	PERCENT
GRAND FIR	15.8	PERCENT
WESTERN REDCEDAR	9.4	PERCENT
WESTERN LARCH	2.7	PERCENT

GRWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 92.2 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	46.3		
	200 # N	56.0	9.7	21.0
	400 # N	61.7	15.4	33.3
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	46.1		
	200 # N	57.6	11.5	24.9
	400 # N	64.0	17.9	38.8
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1260		
	200 # N	1654	394	31.3
	400 # N	1629	369	29.3
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1252		
	200 # N	1682	430	34.3
	400 # N	1666	414	33.1
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.36		
	200 # N	1.71	0.35	25.7
	400 # N	1.96	0.60	44.1

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	8.8			7.3			7.1		
	200	11.8	3.0	34.1	9.4	2.1	28.8	6.8	-0.3	-4.2
	400	10.7	1.9	21.6	10.7	3.4	46.6	9.5	2.4	33.8
GROSS BASAL AREA PAI (SQ.FT/A)	CON	8.7			7.2			7.2		
	200	11.8	3.1	35.6	9.4	2.2	30.6	7.6	0.4	5.6
	400	11.4	2.7	31.0	10.7	3.5	48.6	9.8	2.6	36.1

INSTALLATION 255 BIRCH CREEK
 REGION: NORTHERN IDAHO OWNERSHIP: INLAND EMPIRE
 LEGAL DESCRIPTION: T53N R5W SECTION 2 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	34	YEARS
TREES PER ACRE	702	TREES/ACRE
BASAL AREA	176.9	SQ. FEET/ACRE
TOTAL VOLUME	3623	CU. FEET/ACRE
CCF	229.0	
RELATIVE DENSITY INDEX	67.8	
MEAN DIAMETER	6.8	INCHES
AVERAGE CROWN LENGTH	19.4	FEET
AVERAGE CROWN RATIO	41.2	PERCENT
SITE HEIGHT (40 TPA)	57.1	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	88.7	PERCENT
GRAND FIR	2.6	PERCENT
WESTERN LARCH	5.1	PERCENT
LODGEPOLE PINE	0.8	PERCENT
PONDEROSA PINE	2.8	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 176.9 SQ. FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ. FEET/ACRE)	CONTROL	36.7		
	200 # N	23.5	-13.2	-36.0
	400 # N	44.9	8.2	22.3
SIX-YEAR GROSS BASAL AREA (SQ. FEET/ACRE)	CONTROL	50.8		
	200 # N	51.2	0.4	0.8
	400 # N	52.0	1.2	2.4
SIX-YEAR NET TOTAL VOLUME (CU. FEET/ACRE)	CONTROL	1431		
	200 # N	1074	-357	-24.9
	400 # N	1636	205	14.3
SIX-YEAR GROSS TOTAL VOLUME (CU. FEET/ACRE)	CONTROL	1714		
	200 # N	1629	-85	-5.0
	400 # N	1771	57	3.3
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.18		
	200 # N	1.24	0.06	5.1
	400 # N	1.25	0.07	5.9

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ. FT/A)	CON	9.1			4.2			5.0		
	200	9.4	0.3	3.3	1.0	-3.2	-76.2	1.4	-3.6	-72.0
	400	9.5	0.4	4.4	7.0	2.8	66.7	5.9	0.9	18.0
GROSS BASAL AREA PAI (SQ. FT/A)	CON	9.0			8.8			7.7		
	200	10.0	1.0	11.1	8.8	0.0	0.0	6.7	-1.0	-13.0
	400	9.8	0.8	8.9	9.1	0.3	3.4	7.1	-0.6	-7.8

INSTALLATION 256 SLY MEADOWS
 REGION: NORTHERN IDAHO OWNERSHIP: INLAND EMPIRE
 LEGAL DESCRIPTION: T46N R1E SECTION 31 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	36	YEARS
TREES PER ACRE	568	TREES/ACRE
BASAL AREA	173.5	SQ.FEET/ACRE
TOTAL VOLUME	4282	CU.FEET/ACRE
CCF	217.9	
RELATIVE DENSITY INDEX	63.4	
MEAN DIAMETER	7.5	INCHES
AVERAGE CROWN LENGTH	21.8	FEET
AVERAGE CROWN RATIO	43.2	PERCENT
SITE HEIGHT (40 TPA)	73.3	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	60.1	PERCENT
GRAND FIR	21.3	PERCENT
WESTERN REDCEDAR	2.1	PERCENT
WESTERN LARCH	5.5	PERCENT
LODGEPOLE PINE	11.0	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 173.5 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	37.5		
	200 # N	29.2	-8.3	-22.1
	400 # N	16.7	-20.8	-55.5
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	41.1		
	200 # N	42.2	1.1	2.7
	400 # N	45.9	4.8	11.7
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1699		
	200 # N	1514	-185	-10.9
	400 # N	1170	-529	-31.1
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1749		
	200 # N	1770	21	1.2
	400 # N	1752	3	0.2
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.21		
	200 # N	1.53	0.32	26.4
	400 # N	1.73	0.52	43.0

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	7.0			5.2			6.6		
	200	6.7	-0.3	-4.3	1.5	-3.7	-71.2	6.4	-0.2	-3.0
	400	8.1	1.1	15.7	-5.9	-11.1	-213.5	6.2	-0.4	-6.1
GROSS BASAL AREA PAI (SQ.FT/A)	CON	6.8			6.3			7.5		
	200	7.7	0.9	13.2	6.3	0.0	0.0	7.0	-0.5	-6.7
	400	8.3	1.5	22.1	7.0	0.7	11.1	7.7	0.2	2.7

INSTALLATION 257
 REGION: NORTHEAST OREGON
 LEGAL DESCRIPTION: T4S R4E SECTION 28

LITTLE CATHERINE CR
 OWNERSHIP: BOISE CASCADE
 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	87	YEARS
TREES PER ACRE	154	TREES/ACRE
BASAL AREA	176.5	SQ.FEET/ACRE
TOTAL VOLUME	4893	CU.FEET/ACRE
CCF	163.1	
RELATIVE DENSITY INDEX	46.1	
MEAN DIAMETER	14.7	INCHES
AVERAGE CROWN LENGTH	44.1	FEET
AVERAGE CROWN RATIO	63.8	PERCENT
SITE HEIGHT (40 TPA)	82.8	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	92.9	PERCENT
GRAND FIR	1.4	PERCENT
PONDEROSA PINE	5.7	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 176.5 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	20.2		
	200 # N	3.4	-16.8	-83.2
	400 # N	22.1	1.9	9.4
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	20.5		
	200 # N	22.2	1.7	8.3
	400 # N	22.1	1.6	7.8
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	689		
	200 # N	106	-583	-84.6
	400 # N	594	-95	-13.8
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	700		
	200 # N	685	-15	-2.1
	400 # N	597	-103	-14.7
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.80		
	200 # N	0.78	-0.02	-2.5
	400 # N	0.82	0.02	2.5

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	4.9			3.5			1.7		
	200	6.2	1.3	26.5	3.2	-0.3	-8.6	-7.6	-9.3	-547.1
	400	6.3	1.4	28.6	3.3	-0.2	-5.7	1.5	-0.2	-11.8
GROSS BASAL AREA PAI (SQ.FT/A)	CON	5.0			3.5			1.8		
	200	6.0	1.0	20.0	3.1	-0.4	-11.4	1.9	0.1	5.6
	400	6.3	1.3	26.0	3.3	-0.2	-5.7	1.5	-0.3	-16.7

INSTALLATION 258 RCNDOWA
 REGION: NORTHEAST OREGON OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T3N R40E SECTION 23 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	72	YEARS
TREES PER ACRE	188	TREES/ACRE
BASAL AREA	181.9	SQ.FEET/ACRE
TOTAL VOLUME	6047	CU.FEET/ACRE
CCF	177.6	
RELATIVE DENSITY INDEX	49.7	
MEAN DIAMETER	13.6	INCHES
AVERAGE CROWN LENGTH	35.1	FEET
AVERAGE CROWN RATIO	40.8	PERCENT
SITE HEIGHT (40 TPA)	97.3	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	89.7	PERCENT
GRAND FIR	2.5	PERCENT
WESTERN LARCH	5.3	PERCENT
PONDEROSA PINE	2.6	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 181.9 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	13.8		
	200 # N	10.3	-3.5	-25.4
	400 # N	22.3	8.5	61.6
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	22.6		
	200 # N	25.4	2.8	12.4
	400 # N	26.6	4.0	17.7
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	683		
	200 # N	648	-35	-5.1
	400 # N	1020	337	49.3
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	961		
	200 # N	1137	176	18.3
	400 # N	1142	181	18.8
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.97		
	200 # N	1.15	0.18	18.6
	400 # N	0.94	-0.03	-3.1

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.3			2.8			0.9		
	200	1.6	-1.7	-51.5	4.7	1.9	67.9	-1.1	-2.0	-222.2
	400	2.3	-1.0	-30.3	5.0	2.2	78.6	3.9	3.0	333.3
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.2			4.3			2.9		
	200	4.6	0.4	9.5	4.7	0.4	9.3	3.5	0.6	20.7
	400	5.1	0.9	21.4	4.8	0.5	11.6	3.4	0.5	17.2

INSTALLATION 259 RAILROAD CANYON
 REGION: CENTRAL WASHINGTON OWNERSHIP: LONGVIEW FIBER
 LEGAL DESCRIPTION: T25N R18E SECTION 2 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	71 YEARS
TREES PER ACRE	343 TREES/ACRE
BASAL AREA	189.8 SQ.FEET/ACRE
TOTAL VOLUME	5243 CU.FEET/ACRE
CCF	217.7
RELATIVE DENSITY INDEX	59.6
MEAN DIAMETER	10.1 INCHES
AVERAGE CROWN LENGTH	24.8 FEET
AVERAGE CROWN RATIO	37.0 PERCENT
SITE HEIGHT (40 TPA)	80.5 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	99.6 PERCENT
PONDEROSA PINE	0.4 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 189.8 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	15.2		
	200 # N	22.0	6.8	44.7
	400 # N	29.9	14.7	96.7
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	16.7		
	200 # N	22.4	5.7	34.1
	400 # N	26.2	9.5	56.9
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	601		
	200 # N	823	222	36.9
	400 # N	1156	555	92.3
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	657		
	200 # N	839	182	27.7
	400 # N	1023	366	55.7
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.37		
	200 # N	0.52	0.15	40.5
	400 # N	0.71	0.34	91.9

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.4			2.1			2.1		
	200	5.1	1.7	50.0	3.0	0.9	42.9	2.8	0.7	33.3
	400	7.3	3.9	114.7	3.6	1.5	71.4	4.1	2.0	95.2
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.8			2.2			2.3		
	200	5.2	1.4	36.8	3.0	0.8	36.4	3.0	0.7	30.4
	400	6.9	3.1	81.6	3.1	0.9	40.9	3.1	0.8	34.8

INSTALLATION 260 TUMWATER MTN
 REGION: CENTRAL WASHINGTON OWNERSHIP: LONGVIEW FIBER
 LEGAL DESCRIPTION: T24N R17E SECTION 3 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	74	YEARS
TREES PER ACRE	235	TREES/ACRE
BASAL AREA	216.7	SQ.FEET/ACRE
TOTAL VOLUME	7242	CU.FEET/ACRE
CCF	214.4	
RELATIVE DENSITY INDEX	59.9	
MEAN DIAMETER	13.1	INCHES
AVERAGE CROWN LENGTH	30.4	FEET
AVERAGE CROWN RATIO	35.8	PERCENT
SITE HEIGHT (40 TPA)	99.7	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	93.7	PERCENT
GRAND FIR	2.3	PERCENT
PONDEROSA PINE	4.0	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 216.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	21.3		
	200 # N	8.6	-12.7	-59.6
	400 # N	3.9	-17.4	-81.7
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	21.8		
	200 # N	27.4	5.6	25.7
	400 # N	24.9	3.1	14.2
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1106		
	200 # N	781	-325	-29.4
	400 # N	510	-596	-53.9
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1118		
	200 # N	1391	273	24.4
	400 # N	1283	165	14.8
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.87		
	200 # N	0.85	-0.02	-2.3
	400 # N	0.65	-0.22	-25.3

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	4.7			4.1			1.8		
	200	4.0	-0.7	-14.9	4.4	0.3	7.3	-4.1	-5.9	-327.8
	400	3.9	-0.8	-17.0	4.3	0.2	4.9	-6.3	-8.1	-450.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.2			3.8			3.0		
	200	5.6	1.4	33.3	4.5	0.7	18.4	3.6	0.6	20.0
	400	5.0	0.8	19.0	4.3	0.5	13.2	3.1	0.1	3.3

INSTALLATION 261 SECOND CREEK
 REGION: CENTRAL WASHINGTON OWNERSHIP: LONGVIEW FIBER
 LEGAL DESCRIPTION: T26N R18E SECTION 22 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	75 YEARS
TREES PER ACRE	272 TREES/ACRE
BASAL AREA	146.7 SQ.FEET/ACRE
TOTAL VOLUME	4390 CU.FEET/ACRE
CCF	173.9
RELATIVE DENSITY INDEX	46.3
MEAN DIAMETER	9.9 INCHES
AVERAGE CROWN LENGTH	28.2 FEET
AVERAGE CROWN RATIO	40.3 PERCENT
SITE HEIGHT (40 TPA)	85.1 FEET
SPECIES COMPOSITION (% OF TOTAL BAI)	
DOUGLAS-FIR	86.4 PERCENT
GRAND FIR	13.6 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 146.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	11.5		
	200 # N	23.5	12.0	104.3
	400 # N	18.3	6.8	59.1
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	16.3		
	200 # N	30.2	13.9	85.3
	400 # N	33.4	17.1	104.9
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	570		
	200 # N	965	395	69.3
	400 # N	943	373	65.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	675		
	200 # N	1179	504	74.7
	400 # N	1381	706	104.6
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.64		
	200 # N	0.95	0.31	48.4
	400 # N	1.19	0.55	85.9

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.8			2.6			-0.7		
	200	6.7	2.9	76.3	4.6	2.0	76.9	0.5	1.2	171.4
	400	7.3	3.5	92.1	5.0	2.4	92.3	-3.1	-2.4	-342.9
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.4			2.4			2.4		
	200	6.7	3.3	97.1	4.6	2.2	91.7	3.8	1.4	58.3
	400	7.3	3.9	114.7	5.2	2.8	116.7	4.2	1.8	75.0

INSTALLATION 262 STEVENS PASS
 REGION: CENTRAL WASHINGTON OWNERSHIP: LONGVIEW FIBER
 LEGAL DESCRIPTION: T26N R15E SECTION 3 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	75 YEARS
TREES PER ACRE	375 TREES/ACRE
BASAL AREA	218.9 SQ.FEET/ACRE
TOTAL VOLUME	6998 CU.FEET/ACRE
CCF	256.7
RELATIVE DENSITY INDEX	67.9
MEAN DIAMETER	10.3 INCHES
AVERAGE CROWN LENGTH	26.3 FEET
AVERAGE CROWN RATIO	36.1 PERCENT
SITE HEIGHT (40 TPA)	92.0 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	64.7 PERCENT
GRAND FIR	28.7 PERCENT
WESTERN REDCEDAR	3.1 PERCENT
HEMLOCK	3.5 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 218.9 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	13.2		
	200 # N	30.2	17.0	128.8
	400 # N	36.1	22.9	173.5
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	27.7		
	200 # N	31.7	4.0	14.4
	400 # N	36.6	8.9	32.1
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	821		
	200 # N	1577	756	92.1
	400 # N	1801	980	119.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1331		
	200 # N	1619	288	21.6
	400 # N	1806	475	35.7
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.59		
	200 # N	0.75	0.16	27.1
	400 # N	0.84	0.25	42.4

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	0.1			1.7			4.9		
	200	5.5	5.45	100.0	5.1	3.4	200.0	4.5	-0.4	-8.2
	400	5.6	5.55	100.0	6.2	4.5	264.7	6.2	1.3	26.5
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.9			4.2			4.8		
	200	5.6	0.7	14.3	5.1	0.9	21.4	5.2	0.4	8.3
	400	5.9	1.0	20.4	6.2	2.0	47.6	6.1	1.3	27.1

INSTALLATION 264 RENFRO PEAK
 REGION: NORTHERN IDAHO OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T44N R1E SECTION 11 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	50 YEARS
TREES PER ACRE	440 TREES/ACRE
BASAL AREA	237.5 SQ.FEET/ACRE
TOTAL VOLUME	6630 CU.FEET/ACRE
CCF	270.4
RELATIVE DENSITY INDEX	74.9
MEAN DIAMETER	10.2 INCHES
AVERAGE CROWN LENGTH	27.4 FEET
AVERAGE CROWN RATIO	43.2 PERCENT
SITE HEIGHT (40 TPA)	81.8 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	65.6 PERCENT
GRAND FIR	23.2 PERCENT
WESTERN REDCEDAR	0.0 PERCENT
WESTERN LARCH	10.6 PERCENT
ENGELMANN SPRUCE	0.6 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 237.5 SQ.FEET/ACRE

RESPONSE

	<u>TREATMENT</u>	<u>INCREMENT</u>	<u>DIFFERENCE</u>	<u>% OF CONTROL</u>
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	24.6		
	200 # N	39.4	14.8	60.2
	400 # N	32.0	7.4	30.1
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	27.4		
	200 # N	39.9	12.5	45.6
	400 # N	38.6	11.2	40.9
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1289		
	200 # N	1889	600	46.5
	400 # N	1707	418	32.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1367		
	200 # N	1911	544	39.8
	400 # N	1844	477	34.9
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.55		
	200 # N	0.87	0.32	58.2
	400 # N	0.94	0.39	70.9

	<u>FIRST TWO YEARS</u>				<u>SECOND TWO YEARS</u>				<u>THIRD TWO YEARS</u>			
	<u>RESPONSE</u>				<u>RESPONSE</u>				<u>RESPONSE</u>			
	<u>TRT</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>		
NET BASAL AREA PAI (SQ.FT/A)	CON	4.7			2.3			5.3				
	200	7.2	2.5	53.2	6.1	3.8	165.2	6.4	1.1	20.8		
	400	5.6	0.9	19.1	5.6	3.3	143.5	4.8	-0.5	-9.4		
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.6			3.9			5.3				
	200	7.3	2.7	58.7	6.1	2.2	56.4	6.6	1.3	24.5		
	400	6.4	1.8	39.1	6.1	2.2	56.4	6.8	1.5	28.3		

INSTALLATION 265 MALLORY CREEK
 REGION: NORTHERN IDAHO OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T41N R2E SECTION 18 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	32	YEARS
TREES PER ACRE	320	TREES/ACRE
BASAL AREA	129.1	SQ.FEET/ACRE
TOTAL VOLUME	2814	CU.FEET/ACRE
CCF	159.1	
RELATIVE DENSITY INDEX	43.9	
MEAN DIAMETER	8.6	INCHES
AVERAGE CROWN LENGTH	30.1	FEET
AVERAGE CROWN RATIO	59.8	PERCENT
SITE HEIGHT (40 TPA)	61.2	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	85.2	PERCENT
GRAND FIR	9.5	PERCENT
WESTERN REDCEDAR	1.7	PERCENT
WESTERN LARCH	1.2	PERCENT
WHITE PINE	2.5	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 129.1 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	41.8		
	200 # N	47.8	6.0	14.4
	400 # N	47.5	5.7	13.6
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	41.7		
	200 # N	52.8	11.1	26.6
	400 # N	49.9	8.2	19.7
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1488		
	200 # N	1628	140	9.4
	400 # N	1547	59	4.0
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1473		
	200 # N	1723	250	17.0
	400 # N	1605	132	9.0
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.33		
	200 # N	1.78	0.45	33.8
	400 # N	1.62	0.29	21.8

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	7.4			6.8			6.7		
	200	9.5	2.1	28.4	6.9	0.1	1.5	7.5	0.8	11.9
	400	9.5	2.1	28.4	7.1	0.3	4.4	7.1	0.4	6.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	7.2			6.6			7.0		
	200	10.2	3.0	41.7	8.5	1.9	28.8	7.7	0.7	10.0
	400	9.5	2.3	31.9	8.2	1.6	24.2	7.2	0.2	2.9

INSTALLATION 266 DOUGLAS FALLS #1
 REGION: NORTHEAST WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T36N R39E SECTION 16 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	83	YEARS
TREES PER ACRE	245	TREES/ACRE
BASAL AREA	122.0	SQ.FEET/ACRE
TOTAL VOLUME	3010	CU.FEET/ACRE
CCF	142.3	
RELATIVE DENSITY INDEX	39.4	
MEAN DIAMETER	9.6	INCHES
AVERAGE CROWN LENGTH	27.3	FEET
AVERAGE CROWN RATIO	45.0	PERCENT
SITE HEIGHT (40 TPA)	72.0	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	97.5	PERCENT
WESTERN LARCH	1.2	PERCENT
LODGEPOLE PINE	0.8	PERCENT
PONDEROSA PINE	0.4	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 122.0 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	17.0		
	200 # N	19.6	2.6	15.3
	400 # N	24.9	7.9	46.5
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	17.0		
	200 # N	20.6	3.6	21.2
	400 # N	24.2	7.2	42.4
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	631		
	200 # N	743	112	17.7
	400 # N	885	254	40.3
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	632		
	200 # N	762	130	20.6
	400 # N	862	230	36.4
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.58		
	200 # N	0.83	0.25	43.1
	400 # N	0.96	0.38	65.5

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.3			2.5			2.7		
	200	4.2	0.9	27.3	2.6	0.1	4.0	3.1	0.4	14.8
	400	4.6	1.3	39.4	3.7	1.2	48.0	4.1	1.4	51.9
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.3			2.4			2.8		
	200	4.1	0.8	24.2	3.2	0.8	33.3	3.0	0.2	7.1
	400	4.5	1.2	36.4	3.6	1.2	50.0	3.9	1.1	39.3

INSTALLATION 267 DOUGLAS FALLS #2
 REGION: NORTHEAST WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T36N R39E SECTION 16 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	81	YEARS
TREES PER ACRE	212	TREES/ACRE
BASAL AREA	118.0	SQ.FEET/ACRE
TOTAL VOLUME	3075	CU.FEET/ACRE
CCF	134.4	
RELATIVE DENSITY INDEX	37.1	
MEAN DIAMETER	10.1	INCHES
AVERAGE CROWN LENGTH	28.3	FEET
AVERAGE CROWN RATIO	44.0	PERCENT
SITE HEIGHT (40 TPA)	75.3	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	99.8	PERCENT
LODGEPOLE PINE	0.2	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 118.0 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL 200 # N 400 # N	14.7 22.2 19.4	7.5 4.7	51.0 32.0
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL 200 # N 400 # N	16.5 23.5 21.5	7.0 5.0	42.4 30.3
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL 200 # N 400 # N	588 795 757	207 169	35.2 28.7
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL 200 # N 400 # N	630 833 803	203 173	32.2 27.5
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL 200 # N 400 # N	0.73 1.04 1.06	0.31 0.33	42.5 45.2

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON 200 400	3.2 4.6 4.3	1.4 1.1	43.7 34.4	2.6 2.2 2.0	-0.4 -0.6	-15.4 -23.1	1.5 4.3 3.5	2.8 2.0	186.7 133.3
GROSS BASAL AREA PAI (SQ.FT/A)	CON 200 400	3.2 4.7 4.2	1.5 1.0	46.9 31.3	2.6 3.7 3.4	1.1 0.8	42.3 30.8	2.4 3.4 3.2	1.0 0.8	41.7 33.3

INSTALLATION 269 UPPER BURNT FORK CR
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T15N R16W SECTION 27 MERIDIAN: PRINCIPAL

INITIAL STAND CHARACTERISTICS:

AGE	57	YEARS
TREES PER ACRE	313	TREES/ACRE
BASAL AREA	145.6	SQ.FEET/ACRE
TOTAL VOLUME	2833	CU.FEET/ACRE
CCF	170.2	
RELATIVE DENSITY INDEX	47.9	
MEAN DIAMETER	9.3	INCHES
AVERAGE CROWN LENGTH	24.2	FEET
AVERAGE CROWN RATIO	52.0	PERCENT
SITE HEIGHT (40 TPA)	56.1	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	93.1	PERCENT
WESTERN LARCH	2.3	PERCENT
LODGEPOLE PINE	4.3	PERCENT
ENGELMANN SPRUCE	0.3	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 145.6 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	11.7		
	200 # N	15.3	3.6	30.8
	400 # N	18.1	6.4	54.7
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	11.4		
	200 # N	15.8	4.4	38.6
	400 # N	17.7	6.3	55.3
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	429		
	200 # N	561	132	30.8
	400 # N	568	139	32.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	418		
	200 # N	576	158	37.8
	400 # N	554	136	32.5
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.39		
	200 # N	0.45	0.06	15.4
	400 # N	0.54	0.15	38.5

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	2.5			2.2			1.1		
	200	3.0	0.5	20.0	3.1	0.9	40.9	1.5	0.4	36.4
	400	3.8	1.3	52.0	3.4	1.2	54.5	1.9	0.8	72.7
GROSS BASAL AREA PAI (SQ.FT/A)	CON	2.4			2.2			1.1		
	200	3.1	0.7	29.2	3.1	0.9	40.9	1.7	0.6	54.5
	400	3.7	1.3	54.2	3.3	1.1	50.0	1.8	0.7	63.6

INSTALLATION 270 HOWARD CREEK
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T12N R23W SECTION 19 MERIDIAN: PRINCIPAL

INITIAL STAND CHARACTERISTICS:

AGE	49	YEARS
TREES PER ACRE	243	TREES/ACRE
BASAL AREA	123.6	SQ.FEET/ACRE
TOTAL VOLUME	2437	CU.FEET/ACRE
CCF	137.8	
RELATIVE DENSITY INDEX	39.7	
MEAN DIAMETER	9.7	INCHES
AVERAGE CROWN LENGTH	29.7	FEET
AVERAGE CROWN RATIO	63.6	PERCENT
SITE HEIGHT (40 TPA)	56.0	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	88.6	PERCENT
WESTERN LARCH	0.4	PERCENT
LODGEPOLE PINE	2.4	PERCENT
PONDEROSA PINE	8.6	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 123.6 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	15.3		
	200 # N	19.4	4.1	26.8
	400 # N	18.3	3.0	19.6
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	15.4		
	200 # N	19.2	3.8	24.7
	400 # N	17.8	2.4	15.6
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	546		
	200 # N	641	95	17.4
	400 # N	574	28	5.1
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	549		
	200 # N	634	85	15.5
	400 # N	558	9	1.6
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.51		
	200 # N	0.73	0.22	43.1
	400 # N	0.78	0.27	52.9

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	2.9			2.9			1.9		
	200	3.8	0.9	31.0	3.6	0.7	24.1	2.4	0.5	26.3
	400	3.9	1.0	34.5	3.2	0.3	10.3	2.1	0.2	10.5
GROSS BASAL AREA PAI (SQ.FT/A)	CON	2.9			2.8			2.0		
	200	3.7	0.8	27.6	3.6	0.8	28.6	2.3	0.3	15.0
	400	3.9	1.0	34.5	3.1	0.3	10.7	2.0	0.0	0.0

INSTALLATION 271 WHITNEY CREEK
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T25N R27W SECTION 7 MERIDIAN: PRINCIPAL

INITIAL STAND CHARACTERISTICS:

AGE	57	YEARS
TREES PER ACRE	417	TREES/ACRE
BASAL AREA	155.7	SQ.FEET/ACRE
TOTAL VOLUME	3570	CU.FEET/ACRE
CCF	170.7	
RELATIVE DENSITY INDEX	54.0	
MEAN DIAMETER	8.4	INCHES
AVERAGE CROWN LENGTH	22.5	FEET
AVERAGE CROWN RATIO	41.4	PERCENT
SITE HEIGHT (40 TPA)	63.1	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	57.2	PERCENT
WESTERN LARCH	15.0	PERCENT
LOGSPOLE PINE	10.7	PERCENT
PCNDEROSA PINE	17.0	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 155.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	-3.4		
	200 # N	-8.9	-5.5	-161.8
	400 # N	3.0	6.4	188.2
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	14.5		
	200 # N	21.6	7.1	49.0
	400 # N	25.9	11.4	78.6
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	-7		
	200 # N	-71	-64	-914.3
	400 # N	263	270	3857.1
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	509		
	200 # N	736	227	44.6
	400 # N	873	364	71.5
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.45		
	200 # N	0.88	0.43	95.6
	400 # N	0.94	0.49	108.9

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	-2.1			1.5			-1.1		
	200	-3.3	-1.2	-57.1	-3.6	-5.1	-340.0	2.5	3.6	327.3
	400	4.5	6.6	314.3	-4.8	-6.3	-420.0	1.7	2.8	254.5
GROSS BASAL AREA PAI (SQ.FT/A)	CON	2.0			3.2			2.1		
	200	3.7	1.7	85.0	4.5	1.3	40.6	2.7	0.6	28.6
	400	4.6	2.6	130.0	5.0	1.8	56.3	3.4	1.3	61.9

INSTALLATION 272 INDIAN CREEK
 REGION: MONTANA OWNERSHIP: CHAMPION
 LEGAL DESCRIPTION: T25N R27W SECTION 5 MERIDIAN: PRINCIPAL

INITIAL STAND CHARACTERISTICS:

AGE	57 YEARS
TREES PER ACRE	613 TREES/ACRE
BASAL AREA	134.6 SQ.FEET/ACRE
TOTAL VOLUME	3059 CU.FEET/ACRE
CCF	172.6
RELATIVE DENSITY INDEX	53.4
MEAN DIAMETER	6.4 INCHES
AVERAGE CROWN LENGTH	16.9 FEET
AVERAGE CROWN RATIO	34.0 PERCENT
SITE HEIGHT (40 TPA)	63.8 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	76.8 PERCENT
GRAND FIR	0.8 PERCENT
WESTERN LARCH	8.3 PERCENT
LODGEPOLE PINE	12.8 PERCENT
PONDEROSA PINE	0.8 PERCENT
ENGELMANN SPRUCE	0.6 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 134.6 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	-0.3		
	200 # N	-1.9	-1.6	-533.3
	400 # N	-1.1	-0.8	-266.7
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	15.2		
	200 # N	24.9	9.7	63.8
	400 # N	24.3	9.1	59.9
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	48		
	200 # N	58	10	20.8
	400 # N	192	144	300.0
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	499		
	200 # N	774	275	55.1
	400 # N	783	284	56.9
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.35		
	200 # N	0.68	0.33	94.3
	400 # N	0.88	0.53	151.4

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	2.6			-3.7			0.9		
	200	1.6	-1.0	-38.5	-5.8	-2.1	-56.8	3.3	2.4	266.7
	400	4.0	1.4	53.8	-5.5	-1.8	-48.6	0.9	0.0	0.0
GROSS BASAL AREA PAI (SQ.FT/A)	CON	2.6			2.6			2.4		
	200	4.3	1.7	65.4	4.4	1.8	69.2	3.7	1.3	54.2
	400	4.1	1.5	57.7	4.3	1.7	65.4	3.8	1.4	58.3

INSTALLATION 273 LITTLE BEAVER CREEK
 REGION: NORTHERN IDAHO OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T37N R5E SECTION 1 MERIDIAN: BOISE

 INITIAL STAND CHARACTERISTICS:

AGE	36	YEARS
TREES PER ACRE	413	TREES/ACRE
BASAL AREA	145.7	SQ.FEET/ACRE
TOTAL VOLUME	3289	CU.FEET/ACRE
CCF	182.3	
RELATIVE DENSITY INDEX	51.2	
MEAN DIAMETER	8.1	INCHES
AVERAGE CROWN LENGTH	28.2	FEET
AVERAGE CROWN RATIO	53.9	PERCENT
SITE HEIGHT (40 TPA)	59.4	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	72.4	PERCENT
GRAND FIR	11.7	PERCENT
WESTERN RED CEDAR	8.5	PERCENT
WESTERN LARCH	7.4	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 145.7 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	50.1		
	200 # N	40.0	-10.1	-20.2
	400 # N	58.2	8.1	16.2
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	51.4		
	200 # N	57.4	6.0	11.7
	400 # N	66.9	15.5	30.2
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1713		
	200 # N	1262	-451	-26.3
	400 # N	1823	110	6.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1740		
	200 # N	1848	108	6.2
	400 # N	2015	275	15.8
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.40		
	200 # N	1.40	0.00	0.0
	400 # N	1.72	0.32	22.9

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	10.0			7.0			8.1		
	200	10.2	0.2	2.0	6.0	-1.0	-14.3	3.8	-4.3	-53.1
	400	13.2	3.2	32.0	9.8	2.8	40.0	6.1	-2.0	-24.7
GROSS BASAL AREA PAI (SQ.FT/A)	CON	10.0			7.6			8.1		
	200	11.4	1.4	14.0	9.0	1.4	18.4	8.3	0.2	2.5
	400	13.2	3.2	32.0	10.8	3.2	42.1	9.5	1.4	17.3

INSTALLATION 274 CAREYWOOD CREEK
 REGION: NORTHERN IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T54N R2W SECTION 16 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	60 YEARS
TREES PER ACRE	168 TREES/ACRE
BASAL AREA	133.6 SQ.FEET/ACRE
TOTAL VOLUME	3887 CU.FEET/ACRE
CCF	139.4
RELATIVE DENSITY INDEX	38.3
MEAN DIAMETER	12.3 INCHES
AVERAGE CROWN LENGTH	32.1 FEET
AVERAGE CROWN RATIO	42.8 PERCENT
SITE HEIGHT (40 TPA)	84.3 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	96.4 PERCENT
GRAND FIR	0.4 PERCENT
WESTERN LARCH	2.8 PERCENT
LOGEPOLE PINE	0.4 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 133.6 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	19.9		
	200 # N	28.6	8.7	43.7
	400 # N	16.7	-3.2	-16.1
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	20.0		
	200 # N	28.5	8.5	42.5
	400 # N	28.3	8.3	41.5
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	788		
	200 # N	1112	324	41.1
	400 # N	729	-59	-7.5
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	790		
	200 # N	1111	321	40.6
	400 # N	1092	302	38.2
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.86		
	200 # N	1.29	0.43	50.0
	400 # N	1.25	0.39	45.3

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.9			3.3			2.7		
	200	6.0	2.1	53.8	4.8	1.5	45.5	3.5	0.8	29.6
	400	0.7	-3.2	-82.1	3.6	0.3	9.1	4.1	1.4	51.9
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.9			3.3			2.7		
	200	5.9	2.0	51.3	4.8	1.5	45.5	3.5	0.8	29.6
	400	5.6	1.7	43.6	4.5	1.2	36.4	4.0	1.3	48.1

INSTALLATION 275 SMITH LAKE
 REGION: NORTHERN IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T63N R1E SECTION 36 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	75 YEARS
TREES PER ACRE	322 TREES/ACRE
BASAL AREA	173.1 SQ.FEET/ACRE
TOTAL VOLUME	4611 CU.FEET/ACRE
CCF	196.2
RELATIVE DENSITY INDEX	54.8
MEAN DIAMETER	9.9 INCHES
AVERAGE CROWN LENGTH	27.7 FEET
AVERAGE CROWN RATIO	43.2 PERCENT
SITE HEIGHT (40 TPA)	77.2 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	96.5 PERCENT
WESTERN LARCH	0.4 PERCENT
PONDEROSA PINE	3.1 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 173.1 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	23.6		
	200 # N	25.7	2.1	8.9
	400 # N	32.0	8.4	35.6
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	23.2		
	200 # N	25.3	2.1	9.1
	400 # N	33.3	10.1	43.5
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	914		
	200 # N	1030	116	12.7
	400 # N	1229	315	34.5
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	898		
	200 # N	1014	116	12.9
	400 # N	1273	375	41.8
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.65		
	200 # N	0.73	0.08	12.3
	400 # N	0.88	0.23	35.4

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	4.8			4.4			2.7		
	200	5.3	0.5	10.4	4.8	0.4	9.1	2.8	0.1	3.7
	400	6.1	1.3	27.1	6.0	1.6	36.4	4.0	1.3	48.1
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.6			4.3			2.7		
	200	5.2	0.6	13.0	4.8	0.5	11.6	2.7	0.0	0.0
	400	6.2	1.6	34.8	6.2	1.9	44.2	4.3	1.6	59.3

INSTALLATION 276 MILL CREEK
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T19N R1E SECTION 34 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	61 YEARS
TREES PER ACRE	240 TREES/ACRE
BASAL AREA	148.1 SQ.FEET/ACRE
TOTAL VOLUME	3528 CU.FEET/ACRE
CCF	161.2
RELATIVE DENSITY INDEX	45.4
MEAN DIAMETER	10.7 INCHES
AVERAGE CROWN LENGTH	30.4 FEET
AVERAGE CROWN RATIO	51.0 PERCENT
SITE HEIGHT (40 TPA)	67.8 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	86.1 PERCENT
PONDEROSA PINE	13.9 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 148.1 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	25.6		
	200 # N	13.0	-12.6	-49.2
	400 # N	30.1	4.5	17.6
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	25.6		
	200 # N	23.9	-1.7	-6.6
	400 # N	30.3	4.7	18.4
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	951		
	200 # N	739	-212	-22.3
	400 # N	1126	175	18.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	950		
	200 # N	992	42	4.4
	400 # N	1136	186	19.6
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.92		
	200 # N	1.12	0.20	21.7
	400 # N	1.03	0.11	12.0

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	4.1			4.9			3.8		
	200	4.3	0.2	4.9	5.0	0.1	2.0	-2.7	-6.5	-171.1
	400	5.2	1.1	26.8	5.7	0.8	16.3	4.1	0.3	7.9
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.1			4.9			3.8		
	200	4.2	0.1	2.4	5.0	0.1	2.0	2.7	-1.1	-28.9
	400	5.2	1.1	26.8	5.8	0.9	18.4	4.2	0.4	10.5

INSTALLATION 277 LITTLE MUD CREEK #2
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T20N R1E SECTION 34 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	63	YEARS
TREES PER ACRE	237	TREES/ACRE
BASAL AREA	138.9	SQ.FEET/ACRE
TOTAL VOLUME	3233	CU.FEET/ACRE
CCF	151.6	
RELATIVE DENSITY INDEX	43.1	
MEAN DIAMETER	10.3	INCHES
AVERAGE CROWN LENGTH	32.2	FEET
AVERAGE CROWN RATIO	57.4	PERCENT
SITE HEIGHT (40 TPA)	63.3	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	77.6	PERCENT
PONDEROSA PINE	22.4	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 138.9 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	34.4		
	200 # N	36.5	2.1	6.1
	400 # N	29.6	-4.8	-14.0
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	33.7		
	200 # N	36.5	2.8	8.3
	400 # N	31.1	-2.6	-7.7
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1212		
	200 # N	1246	34	2.8
	400 # N	1077	-135	-11.1
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1185		
	200 # N	1245	60	5.1
	400 # N	1113	-72	-6.1
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.18		
	200 # N	1.37	0.19	16.1
	400 # N	1.18	0.00	0.0

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	6.0			6.5			4.7		
	200	6.5	0.5	8.3	7.1	0.6	9.2	4.6	-0.1	-2.1
	400	5.7	-0.3	-5.0	5.9	-0.6	-9.2	3.2	-1.5	-31.9
GROSS BASAL AREA PAI (SQ.FT/A)	CON	5.8			6.4			4.7		
	200	6.5	0.7	12.1	7.0	0.6	9.4	4.7	0.0	0.0
	400	5.7	-0.1	-1.7	5.9	-0.5	-7.8	3.9	-0.8	-17.0

INSTALLATION 278 WET GULCH
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T7N R5E SECTION 19 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	92 YEARS
TREES PER ACRE	182 TREES/ACRE
BASAL AREA	102.9 SQ.FEET/ACRE
TOTAL VOLUME	2695 CU.FEET/ACRE
CCF	114.2
RELATIVE DENSITY INDEX	32.2
MEAN DIAMETER	10.2 INCHES
AVERAGE CROWN LENGTH	27.9 FEET
AVERAGE CROWN RATIO	44.3 PERCENT
SITE HEIGHT (40 TPA)	76.4 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	89.8 PERCENT
PONDEROSA PINE	10.2 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 102.9 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	18.7		
	200 # N	24.3	5.6	29.9
	400 # N	24.4	5.7	30.5
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	21.1		
	200 # N	24.3	3.2	15.2
	400 # N	26.5	5.4	25.6
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	640		
	200 # N	809	169	26.4
	400 # N	822	182	28.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	720		
	200 # N	809	89	12.4
	400 # N	882	162	22.5
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.01		
	200 # N	1.16	0.15	14.9
	400 # N	1.27	0.26	25.7

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.9			4.2			1.3		
	200	4.7	0.8	20.5	4.7	0.5	11.9	2.7	1.4	107.7
	400	5.2	1.3	33.3	3.6	-0.6	-14.3	3.4	2.1	161.5
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.8			4.1			2.6		
	200	4.7	0.9	23.7	4.7	0.6	14.6	2.8	0.2	7.7
	400	5.2	1.4	36.8	4.8	0.7	17.1	3.3	0.7	26.9

INSTALLATION 279 HENRY CREEK
 REGION: CENTRAL IDAHO OWNERSHIP: BOISE CASCADE
 LEGAL DESCRIPTION: T7N R5E SECTION 28 MERIDIAN: BOISE

 INITIAL STAND CHARACTERISTICS:

AGE	79	YEARS
TREES PER ACRE	213	TREES/ACRE
BASAL AREA	143.9	SQ.FEET/ACRE
TOTAL VOLUME	4021	CU.FEET/ACRE
CCF	150.4	
RELATIVE DENSITY INDEX	43.1	
MEAN DIAMETER	11.2	INCHES
AVERAGE CROWN LENGTH	32.0	FEET
AVERAGE CROWN RATIO	46.2	PERCENT
SITE HEIGHT (40 TPA)	78.4	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	81.2	PERCENT
PONDEROSA PINE	18.8	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 143.9 SQ.FEET/ACRE

RESPONSE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	25.3		
	200 # N	22.1	-3.2	-12.6
	400 # N	25.1	-0.2	-0.8
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	25.2		
	200 # N	27.0	1.8	7.1
	400 # N	30.0	4.8	19.0
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	997		
	200 # N	959	-38	-3.8
	400 # N	988	-9	-0.9
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	995		
	200 # N	1083	88	8.8
	400 # N	1124	129	13.0
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.98		
	200 # N	1.15	0.17	17.3
	400 # N	1.11	0.13	13.3

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	4.8			4.7			3.1		
	200	4.4	-0.4	-8.3	5.2	0.5	10.6	1.4	-1.7	-54.8
	400	5.6	0.8	16.7	5.7	1.0	21.3	1.3	-1.8	-58.1
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.8			4.7			3.1		
	200	5.4	0.6	12.5	5.2	0.5	10.6	2.9	-0.2	-6.5
	400	5.6	0.8	16.7	5.6	0.9	19.1	3.8	0.7	22.6

INSTALLATION 280 SMITH CREEK
 REGION: CENTRAL IDAHO OWNERSHIP: IDL
 LEGAL DESCRIPTION: T7N R5E SECTION 2 MERIDIAN: BOISE

 INITIAL STAND CHARACTERISTICS:

AGE	65 YEARS
TREES PER ACRE	232 TREES/ACRE
BASAL AREA	128.4 SQ.FEET/ACRE
TOTAL VOLUME	3179 CU.FEET/ACRE
CCF	138.3
RELATIVE DENSITY INDEX	40.3
MEAN DIAMETER	10.2 INCHES
AVERAGE CROWN LENGTH	29.4 FEET
AVERAGE CROWN RATIO	49.6 PERCENT
SITE HEIGHT (40 TPA)	67.7 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	73.2 PERCENT
PUNDEROSA PINE	26.8 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 128.4 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	19.1		
	200 # N	33.0	13.9	72.8
	400 # N	30.8	11.7	61.3
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	24.7		
	200 # N	33.5	8.8	35.6
	400 # N	32.6	7.9	32.0
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	655		
	200 # N	1073	418	63.8
	400 # N	1066	411	62.7
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	829		
	200 # N	1091	262	31.6
	400 # N	1100	271	32.7
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.88		
	200 # N	1.28	0.40	45.5
	400 # N	1.26	0.38	43.2

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PA1 (SQ.FT/A)	CON	5.1			1.8			2.6		
	200	6.8	1.7	33.3	6.3	4.5	250.0	3.4	0.8	30.8
	400	7.0	1.9	37.3	6.4	4.6	255.6	2.1	-0.5	-19.2
GROSS BASAL AREA PA1 (SQ.FT/A)	CON	5.0			4.8			2.6		
	200	6.9	1.9	38.0	6.2	1.4	29.2	3.6	1.0	38.5
	400	6.9	1.9	38.0	6.2	1.4	29.2	3.1	0.5	19.2

INSTALLATION 282 COOK MTN
 REGION: CENTRAL WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T33N R24E SECTION 15 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	69	YEARS
TREES PER ACRE	313	TREES/ACRE
BASAL AREA	103.1	SQ.FEET/ACRE
TOTAL VOLUME	2342	CU.FEET/ACRE
CCF	126.6	
RELATIVE DENSITY INDEX	36.9	
MEAN DIAMETER	7.8	INCHES
AVERAGE CROWN LENGTH	26.5	FEET
AVERAGE CROWN RATIO	48.5	PERCENT
SITE HEIGHT (40 TPA)	66.1	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	38.4	PERCENT
WESTERN LARCH	6.8	PERCENT
PONDEROSA PINE	4.8	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 103.1 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE							
			DIFFERENCE	% OF CTRL						
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	25.5								
	200 # N	33.7	8.2	32.2						
	400 # N	34.4	8.9	34.9						
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	25.5								
	200 # N	34.6	9.1	35.7						
	400 # N	36.1	10.6	41.6						
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	779								
	200 # N	1068	289	37.1						
	400 # N	1038	259	33.2						
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	779								
	200 # N	1087	308	39.5						
	400 # N	1083	304	39.0						
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.92								
	200 # N	1.29	0.37	40.2						
	400 # N	1.30	0.38	41.3						
	<u>FIRST TWO YEARS</u>		<u>SECOND TWO YEARS</u>		<u>THIRD TWO YEARS</u>					
		<u>RESPONSE</u>			<u>RESPONSE</u>					
	<u>TRT</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>
NET BASAL AREA PAI (SQ.FT/A)	CON	5.9			3.4			3.5		
	200	8.5	2.6	44.1	4.5	1.1	32.4	3.8	0.3	8.6
	400	9.1	3.2	54.2	5.0	1.6	47.1	3.2	-0.3	-8.6
GROSS BASAL AREA PAI (SQ.FT/A)	CON	5.9			3.4			3.4		
	200	8.5	2.6	44.1	4.8	1.4	41.2	4.0	0.6	17.6
	400	9.1	3.2	54.2	4.9	1.5	44.1	4.1	0.7	20.6

INSTALLATION 283 SUMMIT CREEK
 REGION: CENTRAL WASHINGTON OWNERSHIP: WASHINGTON DNR
 LEGAL DESCRIPTION: T33N R24E SECTION 4 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	75	YEARS
TREES PER ACRE	283	TREES/ACRE
BASAL AREA	97.5	SQ. FEET/ACRE
TOTAL VOLUME	2118	CU. FEET/ACRE
CCF	119.7	
RELATIVE DENSITY INDEX	34.6	
MEAN DIAMETER	7.9	INCHES
AVERAGE CROWN LENGTH	27.8	FEET
AVERAGE CROWN RATIO	54.8	PERCENT
SITE HEIGHT (40 TPA)	60.9	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	88.6	PERCENT
WESTERN LARCH	4.7	PERCENT
LODGEPOLE PINE	5.9	PERCENT
PONDEROSA PINE	0.8	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 97.5 SQ. FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ. FEET/ACRE)	CONTROL	24.9		
	200 # N	36.8	11.9	47.8
	400 # N	46.7	21.8	87.6
SIX-YEAR GROSS BASAL AREA (SQ. FEET/ACRE)	CONTROL	24.9		
	200 # N	36.8	11.9	47.8
	400 # N	46.9	22.0	88.4
SIX-YEAR NET TOTAL VOLUME (CU. FEET/ACRE)	CONTROL	724		
	200 # N	1047	323	44.6
	400 # N	1296	572	79.0
SIX-YEAR GROSS TOTAL VOLUME (CU. FEET/ACRE)	CONTROL	726		
	200 # N	1047	321	44.2
	400 # N	1302	576	79.3
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.96		
	200 # N	1.40	0.44	45.8
	400 # N	1.71	0.75	78.1

	FIRST TWO YEARS				SECOND TWO YEARS				THIRD TWO YEARS			
	TRT	INC	RESPONSE		INC	RESPONSE		INC	RESPONSE			
			DIFF	%		DIFF	%		DIFF	%		
NET BASAL AREA PAI (SQ. FT/A)	CON	5.5			3.6			3.4				
	200	8.4	2.9	52.7	5.7	2.1	58.3	4.3	0.9	26.5		
	400	10.6	5.1	92.7	7.4	3.8	105.6	5.4	2.0	58.8		
GROSS BASAL AREA PAI (SQ. FT/A)	CON	5.5			3.6			3.3				
	200	8.4	2.9	52.7	5.7	2.1	58.3	4.3	1.0	30.3		
	400	10.6	5.1	92.7	7.4	3.8	105.6	5.4	2.1	63.6		

INSTALLATION 284 N.F. VALLEY CREEK
 REGION: MONTANA OWNERSHIP: FLATHEAD (BIA)
 LEGAL DESCRIPTION: T17N R21W SECTION 22 MERIDIAN: PRINCIPAL

INITIAL STAND CHARACTERISTICS:

AGE	75 YEARS
TREES PER ACRE	155 TREES/ACRE
BASAL AREA	138.4 SQ.FEET/ACRE
TOTAL VOLUME	3809 CU.FEET/ACRE
CCF	140.5
RELATIVE DENSITY INDEX	38.3
MEAN DIAMETER	12.8 INCHES
AVERAGE CROWN LENGTH	29.4 FEET
AVERAGE CROWN RATIO	42.4 PERCENT
SITE HEIGHT (40 TPA)	75.9 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	97.9 PERCENT
PONDEROSA PINE	2.1 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 138.4 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CTRL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	18.7		
	200 # N	16.5	-2.2	-11.8
	400 # N	17.9	-0.8	-4.3
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	18.0		
	200 # N	16.9	-1.1	-6.1
	400 # N	17.2	-0.8	-4.4
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	627		
	200 # N	614	-13	-2.1
	400 # N	593	-34	-5.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	601		
	200 # N	626	25	4.2
	400 # N	569	-32	-5.3
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.79		
	200 # N	0.70	-0.09	-11.4
	400 # N	0.77	-0.02	-2.5

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.8			2.8			2.7		
	200	3.3	-0.5	-13.2	2.8	0.0	0.0	2.2	-0.5	-13.5
	400	3.4	-0.4	-10.5	3.0	0.2	7.1	2.6	-0.1	-3.7
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.6			2.7			2.7		
	200	3.3	-0.3	-8.3	2.7	0.0	0.0	2.4	-0.3	-11.1
	400	3.3	-0.3	-8.3	2.9	0.2	7.4	2.4	-0.3	-11.1

INSTALLATION 295 S.F. VALLEY CREEK
 REGION: MONTANA OWNERSHIP: FLATHEAD (BIA)
 LEGAL DESCRIPTION: T16N R21W SECTION 2 MERIDIAN: PRINCIPAL

INITIAL STAND CHARACTERISTICS:

AGE	72	YEARS
TREES PER ACRE	155	TREES/ACRE
BASAL AREA	118.4	SQ.FEET/ACRE
TOTAL VOLUME	2930	CU.FEET/ACRE
CCF	128.3	
RELATIVE DENSITY INDEX	34.4	
MEAN DIAMETER	11.9	INCHES
AVERAGE CROWN LENGTH	29.1	FEET
AVERAGE CROWN RATIO	45.0	PERCENT
SITE HEIGHT (40 TPA)	71.3	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DCUGLAS-FIR	98.4	PERCENT
PONDEROSA PINE	1.6	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 118.4 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	12.0		
	200 # N	14.9	2.9	24.2
	400 # N	12.6	0.6	5.0
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	11.9		
	200 # N	15.0	3.1	26.1
	400 # N	16.8	4.9	41.2
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	415		
	200 # N	501	86	20.7
	400 # N	483	68	16.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	411		
	200 # N	507	96	23.4
	400 # N	576	165	40.1
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.62		
	200 # N	0.66	0.04	6.5
	400 # N	0.92	0.30	48.4

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	1.8			2.2			1.9		
	200	2.6	0.8	44.4	3.0	0.8	36.4	1.8	-0.1	-5.3
	400	2.8	1.0	55.6	1.0	-1.2	-54.5	2.4	0.5	26.3
GROSS BASAL AREA PAI (SQ.FT/A)	CON	1.8			2.3			1.9		
	200	2.6	0.8	44.4	2.9	0.6	26.1	1.9	0.0	0.0
	400	2.8	1.0	55.6	3.1	0.8	34.8	2.5	0.6	31.6

INSTALLATION 286 BLACK ROCK CREEK
 REGION: NORTHERN IDAHO OWNERSHIP: BLM (IDAHO)
 LEGAL DESCRIPTION: T48N R1W SECTION 8 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	83	YEARS
TREES PER ACRE	240	TREES/ACRE
BASAL AREA	212.0	SQ.FEET/ACRE
TOTAL VOLUME	6694	CU.FEET/ACRE
CCF	220.2	
RELATIVE DENSITY INDEX	59.4	
MEAN DIAMETER	12.8	INCHES
AVERAGE CROWN LENGTH	27.3	FEET
AVERAGE CROWN RATIO	32.8	PERCENT
SITE HEIGHT (40 TPA)	93.7	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	100.0	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 212.0 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	24.7		
	200 # N	27.3	2.6	10.5
	400 # N	35.2	10.5	42.5
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	24.9		
	200 # N	27.9	3.0	12.0
	400 # N	33.1	8.2	32.9
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1152		
	200 # N	1297	145	12.6
	400 # N	1515	363	31.5
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1161		
	200 # N	1322	161	13.9
	400 # N	1438	277	23.9
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.73		
	200 # N	0.83	0.10	13.7
	400 # N	0.90	0.17	23.3

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON									
	200	3.8			4.3			4.2		
	400	5.1	1.3	34.2	4.5	0.2	4.7	4.0	-0.2	-4.8
		6.6	2.8	73.7	5.7	1.4	32.6	5.3	1.1	26.2
GROSS BASAL AREA PAI (SQ.FT/A)	CON									
	200	3.9			4.4			4.2		
	400	5.3	1.4	35.9	4.5	0.1	2.3	4.2	0.0	0.0
		6.4	2.5	64.1	5.4	1.0	22.7	4.7	0.5	11.9

INSTALLATION 287 JIM FORD CREEK
 REGION: NORTHERN IDAHO OWNERSHIP: POTLATCH
 LEGAL DESCRIPTION: T35N R4E SECTION 8 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	57	YEARS
TREES PER ACRE	433	TREES/ACRE
BASAL AREA	174.0	SQ.FEET/ACRE
TOTAL VOLUME	4486	CU.FEET/ACRE
CCF	209.2	
RELATIVE DENSITY INDEX	59.3	
MEAN DIAMETER	8.6	INCHES
AVERAGE CROWN LENGTH	23.4	FEET
AVERAGE CROWN RATIO	37.0	PERCENT
SITE HEIGHT (40 TPA)	76.1	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	82.1	PERCENT
GRAND FIR	5.6	PERCENT
WESTERN LARCH	11.5	PERCENT
LODGEPOLE PINE	0.3	PERCENT
PONDEROSA PINE	0.5	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 174.0 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	23.9		
	200 # N	34.6	10.7	44.8
	400 # N	33.9	10.0	41.8
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	24.5		
	200 # N	35.7	11.2	45.7
	400 # N	35.8	11.3	46.1
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1011		
	200 # N	1335	324	32.0
	400 # N	1410	399	39.5
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1021		
	200 # N	1353	332	32.5
	400 # N	1465	444	43.5
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.63		
	200 # N	0.84	0.21	33.3
	400 # N	0.90	0.27	42.9

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		INC	RESPONSE		INC	RESPONSE		INC	RESPONSE	
			DIFF	%		DIFF	%		DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	3.9			3.9			4.2		
	200	6.7	2.8	71.8	5.7	1.8	46.2	4.9	0.7	16.7
	400	6.7	2.8	71.8	5.4	1.5	38.5	4.8	0.6	14.3
GROSS BASAL AREA PAI (SQ.FT/A)	CON	3.8			3.9			4.5		
	200	6.7	2.9	76.3	5.7	1.8	46.2	5.5	1.0	22.2
	400	6.8	3.0	78.9	5.6	1.7	43.6	5.5	1.0	22.2

INSTALLATION 288 MICA MTN
 REGION: NORTHERN IDAHO OWNERSHIP: INLAND EMPIRE
 LEGAL DESCRIPTION: T49N R5W SECTION 33 MERIDIAN: BOISE

INITIAL STAND CHARACTERISTICS:

AGE	54	YEARS
TREES PER ACRE	310	TREES/ACRE
BASAL AREA	256.2	SQ.FEET/ACRE
TOTAL VOLUME	7987	CU.FEET/ACRE
CCF	253.6	
RELATIVE DENSITY INDEX	72.9	
MEAN DIAMETER	12.4	INCHES
AVERAGE CROWN LENGTH	29.6	FEET
AVERAGE CROWN RATIO	38.5	PERCENT
SITE HEIGHT (40 TPA)	91.9	FEET
SPECIES COMPOSITION (% OF TOTAL BA)		
DOUGLAS-FIR	84.3	PERCENT
GRAND FIR	1.8	PERCENT
WESTERN REDCEDAR	0.5	PERCENT
WESTERN LARCH	3.9	PERCENT
PONDEROSA PINE	9.5	PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON
 INITIAL BASAL AREA OF 256.2 SQ.FEET/ACRE

RESPONSE

	<u>TREATMENT</u>	<u>INCREMENT</u>	<u>DIFFERENCE</u>	<u>% OF CTRL</u>
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL 200 # N 400 # N	28.2 37.6 32.1		
			9.4 3.9	33.3 13.8
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL 200 # N 400 # N	30.7 41.7 34.6		
			11.0 3.9	35.8 12.7
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL 200 # N 400 # N	1593 1916 1898		
			323 305	20.3 19.1
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL 200 # N 400 # N	1654 1996 1985		
			342 331	20.7 20.0
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL 200 # N 400 # N	0.79 1.16 0.91		
			0.37 0.12	46.8 15.2

		<u>FIRST TWO YEARS</u>			<u>SECOND TWO YEARS</u>			<u>THIRD TWO YEARS</u>		
		<u>RESPONSE</u>			<u>RESPONSE</u>			<u>RESPONSE</u>		
	<u>TRT</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>	<u>INC</u>	<u>DIFF</u>	<u>%</u>
NET BASAL AREA PAI (SQ.FT/A)	CON 200 400	6.5 9.3 6.9	2.8 0.4	43.1 6.2	4.9 6.2 5.6	1.3 0.7	26.5 14.3	2.6 3.3 3.5	0.7 0.9	26.9 34.6
GROSS BASAL AREA PAI (SQ.FT/A)	CON 200 400	6.4 9.1 7.2	2.7 0.8	42.2 12.5	4.8 6.7 5.9	1.9 1.1	39.6 22.9	4.1 5.1 4.2	1.0 0.1	24.4 2.4

INSTALLATION 289 GROUSE MTN
 REGION: NORTHEAST WASHINGTON OWNERSHIP: INLAND EMPIRE
 LEGAL DESCRIPTION: T40N R40E SECTION 8 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	51 YEARS
TREES PER ACRE	430 TREES/ACRE
BASAL AREA	181.8 SQ.FEET/ACRE
TOTAL VOLUME	4744 CU.FEET/ACRE
CCF	218.5
RELATIVE DENSITY INDEX	61.2
MEAN DIAMETER	8.8 INCHES
AVERAGE CROWN LENGTH	25.8 FEET
AVERAGE CROWN RATIO	41.9 PERCENT
SITE HEIGHT (40 TPA)	77.1 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	99.3 PERCENT
GRAND FIR	0.5 PERCENT
WESTERN LARCH	0.2 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 181.8 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	25.7		
	200 # N	27.0	1.3	5.1
	400 # N	31.6	5.9	23.0
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	34.7		
	200 # N	34.5	-0.2	-0.6
	400 # N	36.9	2.2	6.3
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1218		
	200 # N	1258	40	3.3
	400 # N	1305	87	7.1
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	1424		
	200 # N	1423	-1	-0.1
	400 # N	1461	37	2.6
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	1.07		
	200 # N	0.97	-0.10	-9.3
	400 # N	0.93	-0.14	-13.1

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PA1 (SQ.FT/A)	CON	5.3			3.2			4.3		
	200	7.2	1.9	35.8	4.6	1.4	43.7	1.7	-2.6	-60.5
	400	7.9	2.6	49.1	5.3	2.1	65.6	2.6	-1.7	-39.5
GROSS BASAL AREA PA1 (SQ.FT/A)	CON	7.2			5.4			4.7		
	200	7.8	0.6	8.3	5.3	-0.1	-1.9	4.2	-0.5	-10.6
	400	8.2	1.0	13.9	5.5	0.1	1.9	4.6	-0.1	-2.1

INSTALLATION 290 GRASS MTN
 REGION: NORTHEAST WASHINGTON OWNERSHIP: INLAND EMPIRE
 LEGAL DESCRIPTION: T39N R40E SECTION 1 MERIDIAN: WILLAMETTE

INITIAL STAND CHARACTERISTICS:

AGE	75 YEARS
TREES PER ACRE	487 TREES/ACRE
BASAL AREA	207.0 SQ.FEET/ACRE
TOTAL VOLUME	5590 CU.FEET/ACRE
CCF	247.0
RELATIVE DENSITY INDEX	69.5
MEAN DIAMETER	8.9 INCHES
AVERAGE CROWN LENGTH	20.2 FEET
AVERAGE CROWN RATIO	31.2 PERCENT
SITE HEIGHT (40 TPA)	79.1 FEET
SPECIES COMPOSITION (% OF TOTAL BA)	
DOUGLAS-FIR	96.3 PERCENT
GRAND FIR	0.6 PERCENT
WESTERN LARCH	2.4 PERCENT
LODGEPOLE PINE	0.3 PERCENT
PONDEROSA PINE	0.5 PERCENT

GROWTH:

NOTE: ALL INCREMENTS HAVE BEEN ADJUSTED TO A COMMON INITIAL BASAL AREA OF 207.0 SQ.FEET/ACRE

	TREATMENT	INCREMENT	RESPONSE	
			DIFFERENCE	% OF CONTROL
SIX-YEAR NET BASAL AREA (SQ.FEET/ACRE)	CONTROL	-6.0		
	200 # N	14.9	20.9	348.3
	400 # N	-27.4	-21.4	-356.7
SIX-YEAR GROSS BASAL AREA (SQ.FEET/ACRE)	CONTROL	24.5		
	200 # N	27.1	2.6	10.6
	400 # N	28.3	3.8	15.5
SIX-YEAR NET TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	133		
	200 # N	740	607	456.4
	400 # N	-466	-599	-450.4
SIX-YEAR GROSS TOTAL VOLUME (CU.FEET/ACRE)	CONTROL	987		
	200 # N	1005	18	1.8
	400 # N	1002	15	1.5
SIX-YEAR CHANGE IN AVERAGE DIAMETER (INCHES)	CONTROL	0.89		
	200 # N	0.80	-0.09	-10.1
	400 # N	0.80	-0.09	-10.1

	TRT	FIRST TWO YEARS			SECOND TWO YEARS			THIRD TWO YEARS		
		RESPONSE			RESPONSE			RESPONSE		
		INC	DIFF	%	INC	DIFF	%	INC	DIFF	%
NET BASAL AREA PAI (SQ.FT/A)	CON	4.3			-7.3			0.0		
	200	5.3	1.0	23.3	-0.2	7.1	97.3	1.7	1.7	.
	400	5.7	1.4	32.6	-10.7	-3.4	-46.6	-8.6	-8.6	.
GROSS BASAL AREA PAI (SQ.FT/A)	CON	4.7			4.2			3.4		
	200	5.2	0.5	10.6	5.1	0.9	21.4	3.2	-0.2	-5.9
	400	6.0	1.3	27.7	4.6	0.4	9.5	3.5	0.1	2.9