

TABLE 1 - FOREST SERVICE NURSERY PRODUCTION -- BAREROOT
(Thousand trees)

Region	FS Nursery	Sold		To		Total Production
		Nursery Region	Other Regions	Other Agencies 1/	Surplus 2/	
1	Coeur d'Alene	5,304	1,458	197	167	7,126
2	Bessey	258	0	596	41	895
3	NONE	0	0	0	0	0
4	Lucky Peak	2,916	52	328	0	3,296
5	Humboldt	910	140	15	49	1,114
	Placerville	3,837	0	93	504	4,434
	Subtotal	4,747	140	108	553	5,548
6	Bend	1,934	0	273	139	2,346
	J.H. Stone	8,037	851	1,521	2,143	12,552
	Wind River	0	0	0	0	0
	Subtotal	9,971	851	1,794	2,282	14,898
8	Ashe	1,822	0	8,798	630	11,250
9	Toumey	3,172	0	310	33	3,515
10	NONE	0	0	0	0	0
ALL		28,190	2,501	12,130	3,706	46,527

1/ Other Agencies column includes GSA sales and trees donated to other agencies.

2/ Includes amounts donated, sold, and destroyed.

TABLE 1A - FOREST SERVICE NURSERY PRODUCTION (THOUSAND TREES)--INVENTORY

Region	FS Nursery	Nursery Region			Other Region			Other Agency			Total		
		FY 00	FY 01	FY 02	FY 00	FY 01	FY 02	FY 00	FY 01	FY 02	FY 00	FY 01	FY 02
1	Coeur d' Alene	4,247	4,063	378	877	965	109	0	0	0	5,124	5,028	488
2	Bessey	59	16	0	0	0	0	0	1,228	3,332	59	1,244	3,332
3	NONE	0	0	0	0	0	0	0	0	0	0	0	0
4	Lucky Peak	2,531	1,759	0	0	8	0	361	0	0	2,892	1,767	0
5	Humboldt	0	0	0	0	0	0	0	0	0	0	0	0
	Placerville	5,069	868	0	0	0	0	47	29	0	5,116	897	0
	Subtotal	5,069	868	0	0	0	0	47	29	0	5,116	897	0
6	Bend	0	0	0	0	0	0	0	0	0	0	0	0
	J.H. Stone	10,640	6,023	0	730	97	0	1,573	409	0	12,943	6,529	0
	Wind River	0	0	0	0	0	0	0	0	0	0	0	0
	Other 1/	0	0	0	0	0	0	1,182	183	0	1,182	183	0
	Subtotal	10,640	6,023	0	730	97	0	2,755	592	0	14,125	6,712	0
8	Ashe	2,992	0	0	0	0	0	1,106	0	0	4,098	0	0
	Other 1/	4,356	52	0	0	0	0	0	0	0	4,356	52	0
	Subtotal	7,348	52	0	0	0	0	1,106	0	0	8,454	52	0
9	Toumey	2,587	2,538	1,392	0	0	0	250	0	0	2,837	2,538	1,392
10	Other 1/										0	0	0
ALL		32,481	15,319	1,770	1,607	1,070	109	4,519	1,849	3,332	38,607	18,238	5,212

1/ Includes inventory taken at State and private nurseries.

TABLE 1B - FOREST SERVICE NURSERY PRODUCTION (THOUSAND TREES)--SOWING

Region	FS Nursery	Nursery Region			Other Region			Other Agency			Total		
		FY 01	FY 02	FY 03	FY 01	FY 02	FY 03	FY 01	FY 02	FY 03	FY 01	FY 02	FY 03
1	Coeur d' Alene	6,580	6,602	6,545	1,564	1,034	972	0	0	0	8,144	7,636	7,517
2	Bessey	0	30	30	0	0	0	2,546	2,495	2,065	2,546	2,525	2,095
3	NONE	0	0	0	0	0	0	0	0	0	0	0	0
4	Lucky Peak	1,402	1,768	1,500	0	0	0	500	500	500	1,902	2,268	2,000
5	Humboldt	0	0	0	0	0	0	0	0	0	0	0	0
	Placerville	2,370	870	0	0	0	0	10	20	0	2,380	890	0
	Subtotal	2,370	870	0	0	0	0	10	20	0	2,380	890	0
6	Bend										0	0	0
	J.H. Stone	912	3,639	17	303	154	0	811	184	0	2,025	3,977	17
	Wind River	0	0	0	0	0	0	0	0	0	0	0	0
	Other 1/	0	0	0	0	0	0	0	0	0	0	0	0
	Subtotal	912	3,639	17	303	154	0	811	184	0	2,025	3,977	17
8	Ashe	0	0	0	0	0	0	0	0	0	0	0	0
	Other 1/	7,434	20	0	0	0	0	0	0	0	7,434	20	0
	Subtotal	7,434	20	0	0	0	0	0	0	0	7,434	20	0
9	Toumey	2,508	2,384	2,739	0	0	0	0	0	0	2,508	2,384	2,739
10	NONE	0	0	0	0	0	0	0	0	0	0	0	0
ALL		21,206	15,313	10,831	1,867	1,188	972	3,867	3,199	2,565	26,939	19,700	14,368
	Excludes R-8 Other	13,772	15,293	10,831	1,867	1,188	972	3,867	3,199	2,565	19,505	19,680	14,368

1/ Sowing in State and/or private nurseries.

TABLE 2 - CONTAINERIZED NURSERY STOCK PRODUCTION
(Thousand plantable trees)

Region	Facility	Number Ordered	Plantable Seedlings Produced	Disposition				Anticipated Sowing Next Fiscal Year
				National Forests	Sold	Surplus or Destroyed	Held Over	
1	Coeur d' Alene	2,531	2,573	2,549	0	24	19	2,575
2	Bessey	396	249	243	245	0	4	227
3	NONE	0	0	0	0	0	0	0
4	Lucky Peak	19	19	19	19	0	0	4
5	Chico TIC	1,240	1,321	1,303	18	0	0	1,340
6	NONE	0	0	0	0	0	0	0
8	Ashe	2,177	1,822	0	8,798	630	11,250	0
9	Toumey	286	283	280	0	0	3	336
10	NONE	0	0	0	0	0	0	0
ALL		6,649	6,267	4,394	9,080	654	11,276	4,482

TABLE 3 - FOREST SERVICE SEED EXTRACTORY PRODUCTION
(Pounds of clean seed)

Region	Extractory	Number of Species	Source of Seed							Grand Total
			Level 5	Level 4	Level 3		Level 2	Level 1	Other	
			Selective Breeding	Seed Oreorchard	Select Trees	SPA	Seed Stand	Seed Zone		
1	Coeur d' Alene	0	0	0	0	0	0	0	0	0
2	Bessey	1	0	0	0	0	0	32	72	104
3	NONE	0	0	0	0	0	0	0	0	0
4	Lucky Peak	1	0	0	0	0	0	359	0	359
5	Placerville	8	0	1	1,404	0	108	39	0	1,552
6	Dorena	8	3	0	73	0	0	0	0	76
	Bend Pine	127	0	169	577	0	67	542	0	1,355
	Subtotal, R-6	135	3	169	650	0	67	542	0	1,431
8	Delta RD	1	0	1,800	0	0	0	0	0	1,800
	Southern App. NF's	2	0	0	500	0	0	0	0	500
	Subtotal, R-8	3	0	1,800	500	0	0	0	0	2,300
9	Toumey	20	0	39	16	0	29	4,002	0	4,086
10	Heintzleman	0	0	0	0	0	0	0	0	0
ALL		168	3	2,009	2,570	0	204	4,975	72	9,831
	Percent of Total		0.0	20.4	26.1	0.0	2.1	50.6	0.7	100.0

Extractory production data for individual species by is available upon request. Totals may not add due to rounding.

TABLE 4 - OTHER PLANTING STOCK AND SEED ACQUISITION

Region	Planting Stock (Thousand Trees)					Clean Seed (Pounds)				
	Service Contract	Other Regions	Other Agencies	Commercial Sources	Total	Service Contract	Other Regions	Other Agencies	Commercial Sources	Total
1	0	303	0	0	303	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	803	0	37	0	840	0	0	0	0	0
4	97	439	0	0	536		0	0	0	0
5	0	450	0	577	1,027	0	0	0	0	0
6	2,157	0	21	0	2,179	8	0	0	64	72
8	4788	0	0	715	5,503	0	0	0	200	200
9	0	0	0	349	349	0	0	0	10	10
10	0	0	0	0	0	0	0	0	0	0
ALL	7,845	1,192	58	1,641	10,736	8	0	0	274	282

TABLE 5 - SEED PRODUCTION AREA STATUS

Region	Number Of Areas	Acres Current Year	Areas Removed	Total Established To Date
1	112	0	1	2,989
2	43	0	0	1,624
3	3	0	0	40
4	12	0	0	96
5	4	0	0	80
6	48	0	0	359
8	0	0	0	0
9	30	0	0	30
10	0	0	0	0
ALL	252	0	1	5,218

TABLE 6 - SEED ORCHARD (SO) AND/OR CLONE-BANK (CB) STATUS

Region	Number of Plantations	Type	Generation	Acreage Goal	Clones or Families			Acres Established		
					This Year	To Date		This Year	To Date	
1	17	Clone Bank	F1	44	358	(156)	2,781	3.0	0.0	33.7
	1	Hedge Orchard (Ho)	F1	0.2	0	0	30	0.0	0.0	0.2
	25	Seed Orchard	P, F1, F2	143	20	(24)	905	5.8	(0.2)	120.9
Subtotal	43			187	378	(180)	3,716	8.8	(0.2)	154.8
2	0	N/A	N/A							
3	0	N/A	N/A							
4	0	N/A	N/A							
5	13	Clone Bank	P	116	V 23	0	4,843	0.3	0.0	114.0
	7	Seed Orchard	P, F1	206	V 146	0	2,823	5.0	0.0	163.0
Subtotal	20			322	169	0	7,666	5.3	0.0	277.0
6	38	Clone Bank	P, F1	206	627	(766)	1,973	8.0	(12.0)	37.0
	244	Seed Orchard	P, F1	2,274	549	(852)	27,363	18.0	(33.0)	1,768.0
Subtotal	282			2,480	1,176	(1,618)	29,336	26.0	(45.0)	1,805.0
8	46	Clone Bank	P, F1	447	V 0	0	1,628	0.0	0.0	275.0
	47	Seed Orchard	P, F1	1,575	0	0	3,048	0.0	0.0	1,158.0
Subtotal	93			2,022	0	0	4,676	0.0	0.0	1,433.0
9	7	Clone Bank	P	64	45	0	1,680	2.0	0.0	62.0
	30	Seed Orchard		311	0	0	1,121	0.0	0.0	280.0
Subtotal	37			375	45	0	2,801	2.0	0.0	342.0
10	0	N/A	N/A	0	0	0	0	0.0	0.0	0.0
All Regions	122	Clone Bank/HO		877	1,053	(922)	12,935	13.3	(12.0)	521.9
	353	Seed Orchard		4,509	715	(876)	35,260	28.8	(33.2)	3,489.9
Grand	475			5,386	1,768	(1,798)	48,195	42.1	(45.2)	4,011.8

Additional species and family level information is available upon request.
R-1 lost 1 family in FY 1999. 23 additional R-1 families are now duplicate clone banks removed from last year's total.

TABLE 7 - NATIONAL FOREST LAND PLANTED WITH SEEDLINGS FROM KNOWN SEED SOURCES

Region	Species	Selective Breeding	Seed Orchard	Select Trees	SPA	Seed Stand	Seed Zone	Other	Vegetative Material	Total
1	PSME	0	0	578	8	279	1,679	0	0	2,544
	PIAL	0	0	5	0	0	25	0	0	30
	LAOC	0	0	2,511	138	561	1,076	0	0	4,286
	PICO	0	0	97	0	710	1,121	0	0	1,928
	PIPO	0	0	1,675	286	435	589	0	0	2,985
	PIEN	0	0	268	0	287	835	0	0	1,390
	PIMO3	0	3,699	0	0	0	0	0	0	3,699
	Subtotal, R-1	0	3,699	5,134	432	2,272	5,325	0	0	16,862
2	PICO	0	0	100	0	0	1,179	0	0	1,279
	PIEN	0	0	9	0	0	294	0	0	303
	PIPO	0	0	169	0	301	336	0	0	806
	PSME	0	0	25	0	0	0	0	0	25
	Subtotal, R-2	0	0	303	0	301	1,809	0	0	2,413
3	PIPO	0	0	0	0	0	2,186	0	0	2,186
	Subtotal, R-3	0	0	0	0	0	2,186	0	0	2,186
4	LAOC	0	0	0	0	0	121	0	0	121
	PICO	0	0	339	0	0	1,082	0	0	1,421
	PIAL	0	0	0	0	0	12	0	0	12
	PIEN	0	0	0	0	0	799	0	0	799
	PIPO	0	0	0	0	0	8,040	0	0	8,040
	PSME	0	0	1,018	0	0	1,467	0	0	2,485
	Subtotal, R-4	0	0	1,357	0	0	11,521	0	0	12,878

TABLE 7 - NATIONAL FOREST LAND PLANTED WITH SEEDLINGS FROM KNOWN SEED SOURCES

Region	Species	Selective Breeding	Seed Orchard	Select Trees	SPA	Seed Stand	Seed Zone	Other	Vegetative Material	Total
	PICO3	0	0	0	0	0	59	0	0	59
	PIJE	0	293	0	0	111	2,168	94	0	2,666
	PILA	0	5	0	0	153	231	110	0	499
	PIMO3	0	0	0	0	0	7	0	0	7
	PIPO	0	190	0	0	2,107	9,979	87	0	12,363
	PSMA2	0	0	0	0	0	54	0	0	54
	PSME	0	370	0	0	880	2,132	15	0	3,397
	QUAG	0	0	0	0	0	13	30	0	43
	OTHER, Softwood	0	50	0	0	66	66	0	0	182
	Subtotal, R-5	0	908	0	0	3,317	14,709	336	0	19,270
6	PICO	0	0	379	0	1	589	0	0	969
	PILA	0	79	28	250	0	100	0	0	457
	PIMO3	238	208	1,590	71	71	363	0	0	2,541
	PIPO	308	0	10,424	0	4,419	6,893	17	0	22,061
	ABCO	0	0	0	38	0	12	0	0	50
	PIJE	0	0	0	35	0	0	0	0	35
	ABGR	0	0	8	0	46	4	0	0	58
	ABLA	0	0	4	0	0	0	0	0	4
	PSME	0	0	1,918	1,379	318	1,629	0	0	5,244
	PSMEE	0	0	320	0	55	341	0	0	716
	PSMEW	0	171	280	0	59	20	0	0	530
	ABMAS	0	0	0	0	0	402	0	0	402
	ABPR	0	0	291	41	157	135	0	0	624
	TABR2	0	0	0	0	0	0	6	0	6
	THPL	0	0	39	18	152	707	0	0	916
	TSHE	0	0	13	9	206	181	18	0	427
	TSME	0	0	4	3	0	0	0	0	7
	ACMA	0	0	0	0	0	7	0	0	7
	ALRU2	0	0	25	6	106	34	0	78	249
	ACRU	0	0	0	0	0	84	0	0	84
	CHLA	0	0	0	14	0	3	0	0	17
	LAOCW	0	0	1,199	13	712	1,223	44	0	3,191
	LIDE	0	0	0	6	1	270	0	0	277
	PIEN	0	0	28	8	36	275	0	0	347
	PISI	0	0	0	0	0	100	0	0	100
	Subtotal, R-6	546	458	16,550	1,891	6,339	13,372	85	78	39,319

TABLE 7 - NATIONAL FOREST LAND PLANTED WITH SEEDLINGS FROM KNOWN SEED SOURCES

Region	Species	Selective Breeding	Seed Orchard	Select Trees	SPA	Seed Stand	Seed Zone	Other	Vegetative Material	Total
8	PIEC2	0	5,319	0	0	0	0	84	0	5,403
	PIEL	0	94	0	0	0	0	0	0	94
	PIPA2	0	2,492	0	0	665	2,095	85	0	5,337
	PIRI	0	60	0	0	0	0	0	0	60
	PIST	0	191	0	0	0	0	0	0	191
	PITA	0	2,939	0	73	0	0	231	0	3,243
	PIV2	0	9	0	0	0	0	0	0	9
	TAD2	0	0	0	0	0	20	0	0	20
	FRAM2	0	4	0	0	0	0	0	0	4
	PRSE2	0	144	0	0	0	0	0	0	144
	QUAL	0	51	0	0	0	0	0	0	51
	QUFA	0	0	0	0	0	10	0	0	10
	QUNI	0	323	0	0	0	2	0	0	325
	QUNU	0	0	0	0	0	100	0	0	100
	QURU	0	101	30	0	0	16	0	0	147
	Misc. Hwds.	0	303	0	0	0	0	0	0	303
	Subtotal, R-8	0	12,030	30	73	665	2,243	400	0	15,441

TABLE 7 - NATIONAL FOREST LAND PLANTED WITH SEEDLINGS FROM KNOWN SEED SOURCES

Region	Species	Selective Breeding	Seed Orchard	Select Trees	SPA	Seed Stand	Seed Zone	Other	Vegetative Material	Total
9	PIGL	0	267	0	0	0	8	0	0	275
	PIBA2	0	218	0	0	559	379	0	0	1,156
	PIEC2	0	61	0	0	0	0	0	0	61
	PIRE	0	268	0	0	1,156	110	56	0	1,590
	PIST	6	2,027	0	0	215	14	0	0	2,262
	PIVI2	0	0	0	0	21	0	0	0	21
	TADI2	0	0	0	0	0	0	985	0	985
	THOC2	0	30	0	0	10	0	0	0	40
	TSCA	0	0	0	0	36	15	0	0	51
	ACRUR	0	0	0	0	0	56	0	0	56
	ACSA3	0	0	0	0	0	8	0	0	8
	FRAM2	0	0	0	0	0	14	0	0	14
	FRPE	0	0	0	0	57	0	0	0	57
	LIST2	0	0	0	0	18	0	0	0	18
	LITU	0	0	0	0	0	56	0	0	56
	POGR4	0	0	0	0	0	8	0	0	8
	PRSE2	0	0	68	0	0	13	0	0	81
	QUAL	0	0	0	0	0	5	135	0	140
	QUPA2	0	0	0	0	18	0	0	0	18
	QURU	0	0	29	0	100	217	150	0	496
ULAM	0	0	0	0	0	0	80	0	80	
Subtotal, R-9		6	2,871	97	0	2,190	903	1,406	0	7,473
10	CHNO	0	0	0	0	0	283	0	0	283
	PIGL	0	0	0	0	0	25	0	0	25
	PISI	0	0	0	0	0	122	0	0	122
	THPL	0	0	0	0	0	51	0	0	51
	Subtotal, R-10		0	0	0	0	0	481	0	0
ALL		552	19,966	23,471	2,396	15,084	52,549	2,227	78	116,323
	Percent of Total	0.5	17.2	20.2	2.1	13.0	45.2	1.9	0.1	100.0

TABLE 7A - SUPERIOR TREE SELECTION STATUS
(Number of Trees)

Region	Number of Species	Ownerships	Generations	Selection Goal	Selected		To Date
					This Year		
1	6	NFS	P, F1	14,785	30	0	15,346
2	3	NFS	P	825	0	0	452
3	2	STATE, NFS	P	446	0	0	447
4	2	NFS	P, F1	1,500	0	0	614
5	14	NFS, OTHER	P, F1	31,382	1,234	0	27,591
6	25	NFS, OTHER	P, F1	78,665	515	(563)	78,418
8	15	NFS	P, F1	5,670	100	0	5,097
9	38	NFS, OTHER	P, F1	5,872	0	0	5,301
10	0	NONE		0	0	0	0
ALL	105			139,145	1,879	(563)	133,266

Additional information by species, ownership type, and generation is available upon request.

TABLE 7B - PLANTATIONS TO EVALUATE GENETIC WORTH OF SELECTED CLONES OR FAMILIES

Region	Number of Species	Number of Areas	Generation of Material	Type of Area	Clones or Families			Acres Established		
					This Year	To Date	To Date	This Year	To Date	To Date
1	6	122	F1, HS, CL	F, N, FNT	719	0	17,201	25	0	982
2	2	4	HS,SS	F	0	0	542	0	0	6
3	1	1	P, HS	F	0	0	187	0	0	2
4	1	8	P, HS	F	0	0	492	0	0	141
5	9	73	F1, H1	F, N	1,587	0	20,948	1	0	472
6	14	870 (1)	P, P-C, F1-HS, and F2-HS	F, N	1,242	0	41,157	209	(120)	7,871
8	9	572	F1	F	60	(1,847)	4,801	231	0	1,485
9	22	1,498	P,F1,F2	F,P	82	0	2,699	7	0	385
10	0	NONE								
ALL	64	3,148 (1)			3,690	(1,847)	88,027	473	(120)	11,344

Additional information by species, source of material, and type of area is available upon request.

TABLE 8 - SILVICULTURAL EXAMINATIONS AND PRESCRIPTIONS
(acres)

Region	Silvicultural Exam Act. 310-319	Diagnosis Act. 320-329	Prescription Act. 330-339
1	159,971	0	134,837
2	147,818	477	442
3	7,815	6,008	6,183
4	59,785	29,998	2,063
5	14,951	3,503	17,736
6	283,289	143,108	59,183
8	77,420	0	384,325
9	1,679	0	237,290
10	26,542	4,376	2,245
ALL	779,270	187,470	844,304

TABLE 9 - PLANTING

Activity Codes 430-449
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	6,921	9,606	0	335	16,862
2	2,114	299	0	0	2,413
3	861	1,325	0	0	2,186
4	4,845	4,840	0	3,193	12,878
5	10,913	8,916	0	1,819	21,648
6	21,966	17,321	0	32	39,319
8	4,693	9,254	0	1,494	15,441
9	2,608	4,836	0	29	7,473
10	0	456	0	25	481
ALL	54,921	56,853	0	6,927	118,701

TABLE 10

SEEDING

Activity Codes 410-429
ACRES

Region	PM & RF	K-V	BD	Other	Total
2	0	102	0	0	102
6	0	9	0	0	9
8	186	3,029	0	0	3,215
9	252	776	0	0	1,028
ALL	438	3,916	0	0	4,354

TABLE 10 - SEEDING

Activity Codes 410-429
ACRES

Region	PM & RF	K-V	BD	Other	Total
2	0	102	0	0	102
6	0	9	0	0	9
8	186	3,029	0	0	3,215
9	252	776	0	0	1,028
ALL	438	3,916	0	0	4,354

TABLE 11 - SITE PREPARATION FOR NATURAL REGENERATION*Activity Codes 490-499*
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	269	1,745	0	726	2,740
2	363	1,611	0	0	1,974
3	0	246	0	0	246
4	1,244	906	0	121	2,271
5	58	297	0	0	355
6	576	1,917	0	0	2,493
8	2,587	18,523	0	33	21,143
9	3,976	21,937	0	175	26,088
ALL	9,073	47,182	0	1,055	57,310

TABLE 11A

NATURAL REGENERATION WITHOUT SITE PREPARATION*Activity Code 382*
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	2,264	1,936	0	0	4,200
2	6,470	10,069	0	82	16,621
3	5,199	6,035	0	182	11,416
4	2,079	658	0	56	2,793
5	118	248	0	0	366
6	14,237	8,186	0	0	22,423
8	610	76	0	0	686
9	4,313	17,307	0	134	21,754
10	825	6,152	0	919	7,896
ALL	36,115	50,667	0	1,373	88,155

TABLE 11A - NATURAL REGENERATION WITHOUT SITE PREPARATION

Activity Code 382
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	2,264	1,936	0	0	4,200
2	6,470	10,069	0	82	16,621
3	5,199	6,035	0	182	11,416
4	2,079	658	0	56	2,793
5	118	248	0	0	366
6	14,237	8,186	0	0	22,423
8	610	76	0	0	686
9	4,313	17,307	0	134	21,754
10	825	6,152	0	919	7,896
ALL	36,115	50,667	0	1,373	88,155

TABLE 12 - SITE PREPARATION FOR PLANTING OR SEEDING*Activity Codes 470-489*
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	534	3,937	0	2,036	6,507
2	46	0	0	0	46
4	51	1,029	137	20	1,237
5	4,119	4,731	940	2,351	12,141
6	5,245	8,174	152	29	13,600
8	4,165	9,821	0	464	14,450
9	915	3,190	0	0	4,105
10	43	0	0	25	68
ALL	15,118	30,882	1,229	4,925	52,154

TABLE 13

RELEASE AND WEEDING*Activity Codes 510-519*
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	1,099	2,071	0	0	3,170
2	686	1,764	0	0	2,450
3	177	431	0	0	608
4	1,445	2,514	0	0	3,959
5	12,612	22,207	0	5,826	40,645
6	1,563	7,296	0	0	8,859
8	11,425	10,370	0	3,777	25,572
9	8,217	2,205	0	0	10,422
10	0	0	0	30	30
ALL	37,224	48,858	0	9,633	95,715

TABLE 13 - RELEASE AND WEEDING

Activity Codes 510-519
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	1,099	2,071	0	0	3,170
2	686	1,764	0	0	2,450
3	177	431	0	0	608
4	1,445	2,514	0	0	3,959
5	12,612	22,207	0	5,826	40,645
6	1,563	7,296	0	0	8,859
8	11,425	10,370	0	3,777	25,572
9	8,217	2,205	0	0	10,422
10	0	0	0	30	30
ALL	37,224	48,858	0	9,633	95,715

TABLE 14 - PRECOMMERCIAL THINNING

Activity Codes 520-529
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	12,435	1,370	0	354	14,159
2	2,030	5,356	0	152	7,538
3	4,986	3,785	0	1,173	9,944
4	13,351	1,683	0	19	15,053
5	18,188	18,436	0	1,801	38,425
6	35,275	20,111	0	20	55,406
8	4,462	2,013	0	1,174	7,649
9	755	911	0	0	1,666
10	2,227	579	0	1,874	4,680
ALL	93,709	54,244	0	6,567	154,520

TABLE 15

PRUNING

Activity Codes 530-539
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	0	4	0	577	581
5	738	106	0	361	1,205
6	1,029	2,740	0	0	3,769
8	138	69	0	0	207
9	523	134	0	0	657
10	214	0	0	0	214
ALL	2,642	3,053	0	938	6,633

TABLE 15 - PRUNING

Activity Codes 530-539
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	0	4	0	577	581
5	738	106	0	361	1,205
6	1,029	2,740	0	0	3,769
8	138	69	0	0	207
9	523	134	0	0	657
10	214	0	0	0	214
ALL	2,642	3,053	0	938	6,633

TABLE 16 - FERTILIZING OF ESTABLISHED STAND

Activity Codes 550-559
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	0	109	0	0	109
5	189	917	0	0	1,106
6	174	4,726	0	0	4,900
8	39	659	0	501	1,199
ALL	402	6,411	0	501	7,314

TABLE 17

PRESCRIBED BURNING TO CONTROL UNDERSTORY SPECIES

Activity Code 541
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	104	0	0	0	104
2	0	0	39	0	39
5	9	364	66	2,946	3,385
6	2,000	39	0	0	2,039
8	3,795	4,635	0	0	8,430
9	3	75	0	0	78
ALL	5,911	5,113	105	2,946	14,075

TABLE 17 - PRESCRIBED BURNING TO CONTROL UNDERSTORY SPECIES

Activity Code 541
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	104	0	0	0	104
2	0	0	39	0	39
5	9	364	66	2,946	3,385
6	2,000	39	0	0	2,039
8	3,795	4,635	0	0	8,430
9	3	75	0	0	78
ALL	5,911	5,113	105	2,946	14,075

TABLE 18 - ANIMAL CONTROL FOR REFORESTATION

Activity Codes 460-469
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	5,023	2,540	0	8	7,571
2	30	22	0	3	55
3	14	124	0	0	138
4	3,760	2,396	0	0	6,156
5	5,571	6,479	0	472	12,522
6	51,758	36,127	0	66	87,951
9	169	764	0	0	933
ALL	66,325	48,452	0	549	115,326

TABLE 19

ANIMAL CONTROL FOR TIMBER STAND IMPROVEMENT

Activity Codes 560-569
ACRES

Region	PM & RF	K-V	BD	Other	Total
5	333	27	0	577	937
9	546	53	0	0	599
ALL	879	80	0	577	1,536

TABLE 19 - ANIMAL CONTROL FOR TIMBER STAND IMPROVEMENT

Activity Codes 560-569
ACRES

Region	PM & RF	K-V	BD	Other	Total
5	333	27	0	577	937
9	546	53	0	0	599
ALL	879	80	0	577	1,536

TABLE 20 - REGENERATION AND INTERMEDIATE HARVEST ACRES

Region	Clearcut 110-119	Prep cut 120-129	Seed cut 130-139	Removal cut 140-149	Selection cut 150-159	Improvement cut 210-219	Thinning 220-229	Sanitation cut 230-239	Special cut 240-249	Total 110-249
1	2,897	299	6,318	2,576	3,702	1,364	3,236	9,437	392	30,221
2	1,378	943	5,163	2,799	1,365	57	6,006	2,268	627	20,606
3	10	82	719	590	1,880	1,798	8,834	1,772	0	15,685
4	1,913	211	1,921	1,150	1,885	172	2,330	7,548	152	17,282
5	745	89	805	337	5,702	2,180	39,206	8,898	216	58,178
6	3,047	474	6,861	1,352	9,927	2,311	29,647	58,950	45	112,614
8	7,946	1,825	6,816	1,707	13,346	351	72,475	4,924	3,084	112,474
9	18,354	1,411	4,284	3,684	16,666	7,224	23,629	2,578	134	77,964
10	3,396	0	0	100	154	0	0	72	0	3,722
ALL	39,686	5,334	32,887	14,295	54,627	15,457	185,363	96,447	4,650	448,746

TABLE 21 - CERTIFICATION OF REFORESTATION AND TIMBER STAND IMPROVEMENT ACREAGES

Region	Reforestation					Timber Stand Improvement					
	Planted	Seeded	Natural Regen w/ Site Prep	Natural Regen w/o Site Prep	Total Reforestation	Cleaning	Release	Precom. Thinning	Fertilization	Pruning	Total TSI
1	33,728	31	5,723	4,200	43,682	0	3,170	14,159	109	581	18,019
2	574	137	673	16,621	18,005	0	95	2,334	0	0	2,429
3	820	0	498	11,416	12,734	0	70	1,664	0	0	1,734
4	6,798	0	1,081	2,793	10,672	0	1,676	9,701	0	0	11,377
5	6,911	0	57	366	7,334	0	41,389	36,197	0	1,205	78,791
6	47,006	9	1,945	22,423	71,383	103	4,959	16,850	1,501	2,079	25,492
8	17,431	2,779	11,661	686	32,557	0	20,657	7,068	1,199	207	29,131
9	4,804	163	19,364	21,754	46,085	0	6,030	409	0	398	6,837
10	457	0	0	7,896	8,353	0	0	5,005	0	86	5,091
ALL	118,529	3,119	41,002	88,155	250,805	103	78,046	93,387	2,809	4,556	178,901

TABLE 22 - PLANTATION SURVIVAL CHECKS.

Survival checks made after 1998 Growing Season

REGION	SPECIES (Species Code)	First Year Survival		Third Year Survival	
		Acres Sampled	Survival Percent	Acres Sampled	Survival Percent
1	Douglas-fir (PSME)	1,047	94%	1,238	71%
	Englemann spruce (PIEN)	582	88%	619	69%
	Lodgepole pine (PICO)	698	91%	732	72%
	Ponderosa pine (PIPO)	873	90%	788	65%
	Western larch (LAOC)	1,571	89%	1,294	62%
	Western red cedar (THPL)	12	100%	38	91%
	Western white pine (PIMO3)	1,040	86%	900	79%
	Subtotal, R-1	5,823	89%	5,609	69%
2	Englemann spruce (PIEN)	271	87%	283	62%
	Lodgepole pine (PICO)	1,129	72%	595	64%
	Ponderosa pine (PIPO)	134	47%	406	11%
	Subtotal, R-2	1,534	72%	1,284	47%
3	Englemann spruce (PIEN)	78	95%	42	10%
	Douglas-fir (PSME)	72	78%	42	48%
	Ponderosa pine (PIPO)	1,217	87%	712	48%
	Subtotal, R-3	1,367	87%	796	46%
4	Douglas-fir (PSME)	2,097	77%	2,078	56%
	Englemann spruce (PIEN)	276	80%	1,505	79%
	Lodgepole pine (PICO)	2,981	93%	3,075	65%
	Ponderosa pine (PIPO)	9,405	81%	5,314	43%
	Western larch (LAOC)	304	89%	544	45%
	Blue spruce (PIPU)	0	0%	13	100%
	Subtotal, R-4	15,063	83%	12,529	55%

TABLE 22 - PLANTATION SURVIVAL CHECKS.

Survival checks made after 1998 Growing Season

REGION	SPECIES (Species Code)	First Year Survival		Third Year Survival	
		Acres Sampled	Survival Percent	Acres Sampled	Survival Percent
5	White Fir (ABCO)	2,819	54%	2,381	35%
	California red fir (ABMA)	1,409	53%	1,684	38%
	Shasta red fir (ABMAS)	0	0%	48	36%
	Port Orford-cedar (CHLA)	9	100%	14	100%
	Incense-cedar (LIDE)	7,461	64%	2,470	50%
	Lodgepole pine (PICO)	0	0%	23	47%
	Coulter pine (PICO3)	121	61%	68	44%
	Jeffrey pine (PIJE)	7,576	61%	6,198	46%
	Sugar pine (PILA)	3,745	47%	2,805	46%
	Western white pine (PIMO3)	159	71%	106	60%
	Ponderosa pine (PIPO)	17,439	71%	12,948	66%
	Knobcone x Monterey (PIAT2)	33	50%	18	76%
	Bigcone Douglas-fir (PSMA)	106	70%	49	35%
	Douglas-fir (PSME)	7,159	59%	3,935	54%
	Giant Sequoia (SEGI2)	295	44%	151	51%
	California live oak (QUAG)	29	53%	14	78%
	Sycamore (PLRA)	0	0%	14	63%
Washoe pine (PIWA)	34	26%	0	0%	
	Subtotal, R-5	48,394	63%	32,926	54%
6	Douglas-fir (PSME)	10,750	80%	11,648	63%
	Lodgepole pine (PICO)	3,077	89%	3,053	68%
	Ponderosa pine (PIPO)	30,668	82%	22,113	62%
	Spruces (all species)	535	87%	292	72%
	True firs (all species)	755	81%	1,232	66%
	Western larch (LAOC)	5,764	70%	5,950	52%
	Other species	4,148	78%	4,501	67%
		Subtotal, R-6	55,697	80%	48,789

TABLE 22 - PLANTATION SURVIVAL CHECKS.

Survival checks made after 1998 Growing Season

REGION	SPECIES (Species Code)	First Year Survival		Third Year Survival	
		Acres Sampled	Survival Percent	Acres Sampled	Survival Percent
8	Black cherry (PRSE2)	30	90%	141	64%
	Northern red oak (QURU)	445	72%	323	86%
	Loblolly pine (PITA)	3,202	79%	5,974	77%
	Longleaf pine (PIPA2)	5,320	58%	5,498	60%
	Pitch pine (PIRI)	70	99%	136	65%
	Shortleaf pine (PIEC2)	4,037	51%	2,853	67%
	Slash pine (PIEL)	187	71%	592	63%
	Eastern white pine (PIST)	402	78%	636	82%
	Virginia pine (PIVI2)	0	0%	39	79%
	Subtotal, R-8	13,693	62%	16,192	69%
9	Red pine (PIRE)	1,231	82%	1,414	74%
	Jack pine (PIBA2)	1,179	82%	2,014	76%
	Eastern white pine (PIST)	2,496	86%	1,936	80%
	White spruce (PIGL)	376	54%	231	59%
	Northern white cedar (THOC2)	7	23%	56	16%
	Shortleaf pine (PIEC2)	256	85%	565	78%
	Northern red oak (QURU)	375	90%	588	87%
	Eastern hemlock (TSCA)	167	65%	108	41%
	Tamarack (LALA)	16	100%	19	97%
	Black locust (ROPS)	4	35%	0	0%
	Paper birch (BEPA)	18	80%	64	25%
	Black cherry (PRSE2)	25	100%	0	0%
	Virginia pine (PIVI2)	26	72%	3	73%
	Green ash (FRPE)	34	69%	68	81%
	Yellow poplar (LITU)	3	17%	0	0%
	Quaking aspen (POTRT)	4	85%	41	19%
	Yellow birch (BELE2)	0	0%	5	53%
	White oak (QUAL)	8	73%	8	73%
	Mixed hardwoods	13	18%	20	35%
	Subtotal, R-9	6,238	82%	7,636	70%

TABLE 22 - PLANTATION SURVIVAL CHECKS.

Survival checks made after 1998 Growing Season

REGION	SPECIES (Species Code)	First Year Survival		Third Year Survival	
		Acres Sampled	Survival Percent	Acres Sampled	Survival Percent
10	Alaska yellow cedar (CHNO)	52	97%	111	81%
	Sitka spruce (PISI)	411	97%	53	95%
	Western red cedar (THPL)	47	96%	200	96%
	White spruce (PIGL)	266	95%	5	85%
	Subtotal, R-10	776	96%	369	91%
ALL	National Total	148,585	74%	126,130	61%

TABLE 23 - FINANCIAL SUMMARY OF KNUTSON-VANDENBERG PROGRAM (Service-wide through 1999)

Fiscal Year	Dollars			K-V Collections as Percentage of Value of Timber Harvested
	Collection	Obligations	Value of Timber Harvested	
1931-1935	103,265	29,156	7,690,927	1.3
1936-1940	289,269	171,129	14,445,600	2.0
1941-1945	1,783,488	351,149	41,651,216	4.3
1946-1950	7,578,326	4,554,095	102,768,646	7.4
1951-1955	26,018,385	17,587,817	320,241,514	8.1
1956-1960	47,111,119	44,151,226	575,286,504	8.2
1961-1965	90,245,195	73,186,527	699,943,471	12.9
1966-1970	125,035,747	105,200,731	1,258,219,479	9.9
1971	27,726,150	28,919,721	257,020,185	10.8
1972	38,133,374	30,557,357	381,956,590	10.0
1973	42,591,684	32,629,279	479,233,003	8.9
1974	46,698,320	37,159,325	508,615,355	9.2
1975	39,225,174	41,718,347	366,785,224	10.7
1976	53,797,549	46,407,394	492,029,191	10.9
T. Q. 1976	17,067,576	9,193,644	209,937,583	8.1
1977	106,529,082	49,742,974	732,546,790	14.5
1978	61,120,775	64,188,990	854,682,200	7.2
1979	113,242,024	73,715,033	968,033,445	11.7
1980	116,576,349	80,579,169	835,035,965	14.0
1981	124,850,295	92,782,205	679,053,585	18.4
1982	77,785,319	84,008,414	339,214,989	22.9
1983	134,349,701	88,561,744	649,652,237	20.7
1984	185,980,780	106,432,785	759,577,198	24.5
1985	194,821,082	111,965,580	720,636,166	27.0
1986	156,075,903	115,786,114	786,881,222	19.8
1987	196,695,213	139,597,193	1,015,995,028	19.4
1988	238,002,063	158,872,662	1,235,734,207	19.3
1989	241,706,399	188,208,020	1,309,731,077	18.5
1990	209,148,633	217,307,554	1,187,617,528	17.6
1991	192,977,000	223,024,000	1,008,856,000	19.1
1992	251,268,646	291,524,722	934,504,178	26.9
1993	269,106,308	212,114,056	914,646,053	29.4
1994	225,388,782	194,941,240	783,038,255	28.8
1995	177,984,615	182,122,273	616,117,347	28.9
1996	157,863,015	392,638,436	544,349,011	29.0
1997	130,054,594	166,160,315	497,956,596	26.1
1998	116,225,411	145,630,812	445,773,656	26.1
1999	109,851,757	148,884,066	224,160,027	49.0

TABLE 24 - STATUS OF KNUTSON-VANDENBERG (K-V) ACCOUNTS BY REGION

Thousands of Dollars

Region	Collections	Obligations	Unobligated Balance	Timber Harvest Value	K-V Coll. as % of Harv. Value	Volume Harvested in MMBF
1	11,810	14,970	40,119	26,930	43.9	204
2	7,402	4,247	29,294	11,407	64.9	152
3	1,349	2,255	7,241	2,934	46.0	72
4	3,566	6,097	24,333	6,514	54.7	83
5	13,981	29,204	134,214	33,014	42.3	384
6	21,266	57,627	171,921	54,291	39.2	434
8	34,538	21,057	96,481	57,885	59.7	407
9	13,935	8,905	38,439	30,097	46.3	404
10	2,006	762	7,685	1,089	184.2	62
W.O.	0	3,744	1,718	0		
Other	0	15	(283,353)			
Totals	109,852	148,884	268,092	224,161	49.0	2,200

"Other" category represents K-V funds advanced for emergency fire fighting purposes which have not been repaid. Totals may not add due to rounding.

Sources: Collections and obligations derived from revenues and expenditure information taken from National Finance Center reports for the period ending 9/30/99 (Report 53-5).

Timber volume and value data derived from the fourth quarter FY 1999 report entitled "Timber Harvested on the National Forest Under Sale and Land Exchange by Regions" and represents totals for sawtimber and other roundwood products.

TABLE 25 - TREE SPECIES SYMBOLS**Hardwoods**

Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name
312	ACMA	Bigleaf maple
316	ACRUR	Red maple
318	ACSA3	Sugar maple
351	ALRU2	Red alder
371	BELE2	Yellow birch
375	BEPA	Paper birch
541	FRAM2	White ash
544	FRPE	Green ash
611	LIST2	Sweet gum
621	LITU	Tulip tree/Yellow poplar
746	POTRT	Quaking aspen
747	POBAT	Black cottonwood
762	PRSE2	Black cherry
802	QUAL	White oak
805	QUAG	California live oak
812	QUFA	Southern red oak
827	QUNI	Water oak
828	QUNU	Nuttal oak
830	QUPA2	Pin oak
833	QURU	Northern red oak
901	ROBS	Black locust
--	PLRA	California sycamore
--	LIIDE3	Tanoak

TABLE 26 - TREE SPECIES SYMBOLS

Conifers

Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name	Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name
11	ABAM	Pacific silver fir	110	PIEC2	Shortleaf pine
12	ABBA	Balsam fir	111	PIEL	Slash pine
15	ABCO	White fir	116	PIJE	Jeffrey pine
17	ABGR	Grand fir	117	PILA	Sugar pine
19	ABLA	Subalpine fir	119	PIMO3	Western white pine
20	ABMA	California red fir	121	PIPA2	Longleaf pine
21	ABMAS	Shasta red fir	122	PIPO	Ponderosa pine
22	ABPR	Noble fir	125	PIRE	Red pine
41	CHLA	Port Orford-cedar	126	PIRI	Pitch pine
42	CHNO	Alaska yellow-cedar	129	PIST	Eastern white pine
68	THOC2	Northern white cedar	131	PITA	Loblolly pine
71	LALA	Tamarack	132	PIV12	Virginia pine
73	LAOC	Western larch	201	PSMA2	Bigcone Douglas-fir
81	LIDE	Incense-cedar	202	PSME	Douglas-fir
92	PIBR	Brewer spruce	211	SEGI2	Giant sequoia
93	PIEN	Englemann spruce	221	TADI2	Bald cypress
93	PIEN	Englemann spruce	231	TABR2	Pacific yew
94	PIGL	White spruce	242	THPL	Western red cedar
94	PIGL	White spruce	261	TSCA	Eastern hemlock
96	PIPU	Colorado blue spruce	264	TSHE	Western hemlock
98	PISI	Sitka spruce	--	LAOCW	Western larch 1/
103	PIAT2	Knobcone x Monterey pine	--	PSMEE	Douglas-fir 2/
105	PIBA2	Jack pine	--	PSMEW	Douglas-fir 3/
108	PICO	Lodgepole pine	--	TSME	Mountain hemlock
109	PICO3	Coulter pine	--	PIWA	Washoe pine

1/ Western larch - West of the Cascade

2/ Douglas-fir - East of the Cascade

3/ Douglas fir - West of the Cascade