

**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	6,665	1,249	347	589	8,850
2	Bessey	217	0	905	0	1,122
3	NONE	0	0	0	0	0
4	Lucky Peak	4,567	0	303	30	4,900
5	Humboldt	1,308	344	21	81	1,754
	Placerville	5,724	0	193	495	6,412
	Subtotal	7,032	344	214	576	8,166
6	Bend	3,150	0	292	389	3,831
	J.H. Stone	10,118	1,258	1,653	1,214	14,243
	Subtotal	13,268	1,258	1,945	1,603	18,074
8	Ashe	2,076	0	10,621	548	13,245
9	Toumey	3,683	0	321	134	4,138
10	NONE	0	0	0	0	0
ALL		37,508	2,851	14,656	3,480	58,495

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 99	FY 00	FY 01	FY 99	FY 00	FY 01	FY 99	FY 00	FY 01	FY 99	FY 00	FY 01
1	Coeur d' Alene	5,474	4,131	133	1,399	789	278	75	0	0	6,948	4,920	411
2	Bessey	299	60	0	0	0	0	714	2,000	0	1,013	2,060	0
3	NONE	0	0	0	0	0	0	0	0	0	0	0	0
4	Lucky Peak	2,873	2,689	0	56	0	0	283	14	0	3,212	2,703	0
5	Humboldt	1,074	0	0	189	0	0	15	0	0	1,278	0	0
	Placerville	4,358	1,615	0	0	0	0	46	34	0	4,404	1,649	0
	Subtotal	5,432	1,615	0	189	0	0	61	34	0	5,682	1,649	0
6	Bend	2,294	0	0	0	0	0	243	0	0	2,537	0	0
	J.H. Stone	10,436	7,380	0	1,095	305	0	1,721	587	0	13,252	8,272	0
	Other 1/	0	0	0	0	0	0	0	0	0	0	0	0
	Subtotal	12,730	7,380	0	1,095	305	0	1,964	587	0	15,789	8,272	0
8	Ashe	3,413	0	0	0	0	0	9,876	0	0	13,289	0	0
	Other 1/	5,749	56	0	0	0	0	0	0	0	5,749	56	0
	Subtotal	9,162	56	0	0	0	0	9,876	0	0	19,038	56	0
9	Toumey	2,059	2,587	1,668	0	0	0	250	0	0	2,309	2,587	1,668
10	Other 1/	0	0	0	0	0	0	136	0	0	136	0	0
ALL		38,029	18,518	1,801	2,739	1,094	278	13,359	2,635	0	54,127	22,247	2,079

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 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	0	4,027	405	0	567	28	0	0	0	0	4,594	433
2	Bessey	105	0	30	0	0	0	2,546	0	0	2,651	0	30
3	NONE	0	0	0	0	0	0	0	0	0	0	0	0
4	Lucky Peak	1,400	1,800	1,500	0	15	0	250	250	250	1,650	2,065	1,750
5	Humboldt	0	0	0	0	0	0	0	0	0	0	0	0
	Placerville	3,370	870	0	0	0	0	10	20	0	3,380	890	0
	Subtotal	3,370	870	0	0	0	0	10	20	0	3,380	890	0
6	J.H. Stone	1,765	4,570	35	272	121	0	319	404	0	2,356	5,095	35
	Other 1/	0	0	0	0	0	0	0	0	0	0	0	0
	Subtotal	1,765	4,570	35	272	121	0	319	404	0	2,356	5,095	35
8	Ashe	2,061	0	0	0	0	0	570	0	0	2,631	0	0
	Other 1/	3,588	0	0	0	0	0	0	0	0	3,588	0	0
	Subtotal	5,649	0	0	0	0	0	570	0	0	6,219	0	0
9	Toumey	2,587	2,508	2,384	0	0	0	0	0	0	2,587	2,508	2,384
10	NONE	0	0	0	0	0	0	29	0	0	29	0	0
ALL		14,876	13,775	4,354	272	703	28	3,724	674	250	18,872	15,152	4,632

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	3,077	3,066	3,014	69	14	331	3,000
2	Bessey	233	172	165	152	0	20	379
3	NONE	0	0	0	0	0	0	0
4	NONE	37	18	17	1	0	0	19
5	Chico GRC	1,096	1,129	1,106	23	0	0	1,100
6	NONE	0	0	0	0	0	0	0
8	Ashe	2,510	2,611	2,601		10		2,118
9	Toumey	290	275	275	0	0	0	310
10	NONE	0	0	0	0	0	0	0
ALL		7,243	7,271	7,178	245	24	351	6,926

**TABLE 3 - FOREST SERVICE SEED EXTRACTORY PRODUCTION**

(Pounds of clean seed)

Region	Extractory	Number of Species	Source of Seed							Grand Total
			Level 5 Selective Breeding	Level 4 Seed Orchard	Level 3 Select Trees SPA		Level 2 Seed Stand	Level 1 Seed Zone	Other	
1	Coeur d' Alene	1	0	63	0	0	0	0		63
2	Bessey	4	0	0	0	0	0	155	433	588
3	NONE	0	0	0	0	0	0	0	0	0
4	Lucky Peak	3	0	0	0	0	0	1,140	0	1,140
5	Placerville	27	0	0	471	0	1,133	303	0	1,907
6	Dorena	8	10	0	111	0	0	0	0	121
	Bend Pine	127	0	250	660	7	888	2,002	1,236	5,043
	Subtotal, R-6	135	10	250	771	7	888	2,002	1,236	5,164
8	Delta RD	1	0	0	0	0	0	240	0	240
9	Toumey	34	119	0	2	0	2,395	383	1	2,900
10	Heintzleman	0	0	0	0	0	0	<1	0	<1
ALL		205	129	313	1,244	7	4,416	#VALUE!	1,670	#VALUE!
	Percent of Total		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Extractory production data for individual species by is available upon request from regional offices. 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	1,104	0	0	1,104	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	857	0	0	0	857	0	0	0	0	0
4	0	1,575	0	0	1,575	0	0	0	0	0
5	0	984	18	1,035	2,037	0	0	0	0	0
6	3,613	0	12	0	3,625	30	0	0	0	30
8	5,456	0	0	212	5,668	0	0	0	0	0
9	0	0	0	0	0	0	0	0	1	1
10	0	0	0	0	0	0	0	0	0	0
ALL	9,926	3,663	30	1,247	14,866	30	0	0	1	31

**TABLE 5 - SEED PRODUCTION AREA STATUS**

Region	Number Of Areas	Acres Current Year	Acres Removed from Production	Total Established To Date
1	112	0	-44	2,990
2	43	0		1,624
3	3	0		40
4	12	0		96
5	4	0		80
6	48	0		359
8	0	0		0
9	30	0		1,288
10	0	0		0
ALL	252	0	-44	6,477

More detailed information concerning specific SPA's is available upon request.

**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	To Date	
1	15	Clone Bank	F1	40	519		2,579	5	31	
	1	Hedge Orchard (HO)	F1	<1	0	-26	30	0	<1	
	25	Seed Orchard	P, F1, F2	143	39	-83	909	4	115	
Subtotal	41			#VALUE!	558	-109	3,518	9	#VALUE!	
2	0	N/A	N/A							
3	0	N/A	N/A							
4	0	N/A	N/A							
5	13	Clone Bank	P	116	92		4,820	3	114	
	7	Seed Orchard	P, F1	206	23		2,677	0	158	
Subtotal	20			322	115		7,497	3	272	
6	31	Clone Bank	P, F1	204	295		2,112	1	41	
	246	Seed Orchard	P, F1	2,282	1,165	-137	27,666	46	-11	1,783
Subtotal	277			2,486	1,460	-137	29,778	47	-11	1,824
8	46	Clone Bank	P, F1	447	0		1,628	0	-5	275
	53	Seed Orchard	P, F1	1,575	72		3,048	10	-6	1,158
Subtotal	99			2,022	72	0	4,676	10	-11	1,433
9	6	Clone Bank	P	64	13		1,635	1	60	
	30	Seed Orchard		311			1,121		280	
Subtotal	36			375	#####		2,756	#####	340	
10	0	N/A	N/A							
All Regions	112	Clone Bank/HO		#VALUE!	919	-26	12,804	10	-5	#VALUE!
	361	Seed Orchard		4,517	#####	-220	35,421	#####	-17	3,494
Grand	473			#VALUE!	#####	-246	48,225	#####	-22	#VALUE!

Additional species and family level information is available upon request.





**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
5	ABCO	0	0	0	0	225	0	0	0	225
	ABMA2	0	0	0	0	497	0	9	0	506
	CHLAC	0	9	0	0	0	0	0	0	9
	LIDE3	0	0	0	0	55	0	0	0	55
	PICO1	0	0	0	0	95	0	0	0	95
	PIJE	0	14	0	0	3,733	0	0	0	3,747
	PILA	0	0	0	0	197	0	0	0	197
	PIPO	0	116	0	0	15,725	15	4,678	0	20,534
	PSME	0	13	0	0	2,463	10	303	0	2,789
	Subtotal, R-5	0	152	0	0	22,990	25	4,990	0	28,157
6	PICO	0	0	106	331	8	3,100	0	0	3,545
	ABAM	0	0	0	5	0	0	0	0	5
	PILA	0	74	157	245	0	272	0	0	748
	PIMO3	101	118	1,036	655	75	275	0	0	2,260
	PIPO	514	0	13,341	1,559	7,384	10,474	57	0	33,329
	ABCO	0	0	0	0	0	69	0	0	69
	ABGR	0	0	0	9	54	51	0	0	114
	ABLA	0	0	0	0	0	10	0	0	10
	PSME	0	196	1,748	959	236	2,529	0	0	5,668
	PSMEE	0	0	1,110	362	0	220	0	0	1,692
	PSMEW	0	112	81	0	47	5	0	0	245
	ABMAS	0	0	12	0	0	304	0	0	316
	ABPR	38	0	246	154	251	265	0	0	954
	TABR	0	0	0	18	0	2	0	6	26
	THPL	0	0	7	27	0	230	2	0	266
	TSHE	0	0	21	18	225	251	0	0	515
	TSME	0	0	12	7	0	2	0	0	21
	ALRU2	0	0	0	0	55	0	0	0	55
ACRU	0	0	0	0	1	22	0	0	23	

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**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
6	CHLA	0	0	0	0	0	126	0	0	126
(Con't)	LAOC	0	0	0	18	0	47	0	0	65
	LAOCW	0	0	1,610	1,194	1,059	2,218	57	0	6,138
	POTR	0	0	0	0	0	0	0	1	1
	LIDE	0	0	3	0	0	274	0	0	277
	PIEN	0	0	133	63	87	312	0	0	595
	PISI	0	0	0	0	0	13	0	0	13
	Subtotal, R-6	653	500	19,623	5,624	9,482	21,071	116	7	57,076
8	PIEC2	0	4,640	7	0	0	0	141	0	4,788
	PIEL	0	233	0	0	0	0	0	0	233
	PIPA2	0	4,950	0	0	0	1,003	0	0	5,953
	PIRI	0	22	0	0	0	0	55	0	77
	PIST	0	460	0	31	0	0	11	0	502
	PITA	0	2,842	0	238	0	0	0	0	3,080
	PIV2	0	6	0	0	0	0	0	0	6
	PRSE2	0	25	0	0	0	0	0	0	25
	QUFA	0	38	0	0	0	0	0	0	38
	QUNU	0	0	0	0	0	0	100	0	100
	QURU	0	290	0	0	0	0	68	0	358
	Subtotal, R-8	0	13,506	7	269	0	1,003	375	0	15,160

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**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	LALA	0	2	0	0	0	0	0	0	2
	PIGL	0	256	0	0	57	0	0	0	313
	PIBA2	0	186	0	0	509	546	0	0	1,241
	PIEC2	0	256	0	0	0	0	0	0	256
	PIRE	0	329	0	8	817	99	0	0	1,253
	PIST	0	2,216	0	0	22	269	0	0	2,507
	PIV2	0	0	0	0	65	0	0	0	65
	THOC2	0	8	0	0	0	0	0	0	8
	TSCA	0	0	0	0	92	10	10	0	112
	FRPE	0	0	0	0	7	0	0	0	7
	JUNI	0	0	0	0	8	0	0	0	8
	LITU	0	0	0	0	0	1	2	0	3
	MISC HWDS.	0	0	0	0	0	0	375	0	375
	POTRT	0	0	0	0	0	4	0	0	4
	PRSE2	0	0	0	0	23	2	0	0	25
	QUPA2	0	0	0	0	0	20	0	0	20
	QURU	0	10	0	13	204	97	221	0	545
Subtotal, R-9		0	3,263	0	21	1,804	1,048	608	0	6,744
10	CHNO	0	0	0	0	0	113	45	0	158
	PIGL	0	0	0	0	0	107	0	0	107
	PISI	0	0	0	0	0	45	0	0	45
	THPL	0	0	0	0	0	44	0	0	44
	Subtotal, R-10		0	0	0	0	0	309	45	0
ALL		653	21,615	27,673	6,433	37,314	43,125	6,134	7	142,954
	Percent of Total	0.5	15.1	19.4	4.5	26.1	30.2	4.3	0.0	100.0

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

Region	Number of Species	Ownerships	Generations	Selection Goal	Selected		
					This Year	To Date	
1	6	NFS	P, F1	14,785	30		15,316
2	3	NFS	P	825	0		452
3	2	STATE, NFS	P	446	0		447
4	2	NFS	P, F1	1,500	153		614
5	13	NFS, OTHER	P, F1	31,382	928		26,357
6	25	NFS, OTHER	P, F1	78,970	1,184	-308	78,466
8	15	NFS	P, F1	5,670	0		4,997
9	33	NFS, OTHER	P, F1	5,348	0		4,932
10	0	NONE					
ALL	99			138,474	2,631	-812	129,495

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	This Year	To Date	To Date	
1	6	119	F1, HS, CL	F, N, FNT	262	16,482	9		957	
2	2	4	HS,SS	F		542			6	
3	1	1	P, HS	F	150	187	0		2	
4	1	8	P, HS	F		492			141	
5	9	73	F1, H1	F, N	944	19,361	18		471	
6	14	846	-1 P, P-C, F1-HS, and F2-HS	F, N	183	39,915	93	-14	7,782	
8	8	511	F1	F	25	6,588	2		1,254	
9	21	146		F		2,617			378	
10	0									
ALL	62	1,708	-1		3,361	0	86,184	122	-14	10,991

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	Diagnosis	Prescription
	Act. 310-319	Act. 320-329	Act. 330-339
1	202,613	0	56,046
2	144,778	0	3,222
3	60,401	4,791	1,406
4	44,682	6,534	2,105
5	30,758	29,485	33,111
6	555,599	156,507	38,188
8	55,889	0	415,475
9	6,574	0	328,263
10	36,539	6,858	5,630
ALL	1,137,833	204,175	883,446

**TABLE 9 - PLANTING**

*Activity Codes 430-449*  
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	7,011	12,125	0	335	19,471
2	930	110	0	178	1,218
3	1,588	858	0	0	2,446
4	6,877	2,587	0	2,864	12,328
5	11,527	14,732	0	1,898	28,157
6	31,538	24,348	0	1,190	57,076
8	2,873	10,655	0	1,632	15,160
9	1,505	4,478	0	761	6,744
10	178	176	0	0	354
ALL	64,027	70,069	0	8,858	142,954



**TABLE 10 - SEEDING**

*Activity Codes 410-429*  
ACRES

Region	PM & RF	K-V	BD	Other	Total
2	45	40	0	0	85
8	50	3,013	0	0	3,063
9	246	539	0	0	785
ALL	341	3,592	0	0	3,933

**TABLE 11 - SITE PREPARATION FOR NATURAL REGENERATION**

*Activity Codes 490-499*  
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	235	1,594	0	2,177	4,006
2	157	1,110	0	0	1,267
3	64	53	0	0	117
4	1,504	683	13	93	2,293
5	0	74	0	0	74
6	915	3,026	0	34	3,975
8	2,109	15,639	0	1,233	18,981
9	5,367	21,917	0	396	27,680
ALL	10,351	44,096	13	3,933	58,393

**TABLE 11A - NATURAL REGENERATION WITHOUT SITE PREPARATION**

*Activity Code 382*  
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	1,426	1,717	0	0	3,143
2	7,934	12,094	0	205	20,233
3	5,532	1,695	0	0	7,227
4	2,780	1,023	0	0	3,803
5	1,684	147	0	0	1,831
6	9,198	7,332	0	177	16,707
8	455	570	0	60	1,085
9	2,801	18,854	0	2,092	23,747
10	439	9,407	0	0	9,846
ALL	32,249	52,839	0	2,534	87,622

**TABLE 12 - SITE PREPARATION FOR PLANTING OR SEEDING**

*Activity Codes 470-489*  
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	630	3,937	0	1,915	6,482
2	290	22	0	0	312
3	0	47	0	0	47
4	440	994	170	108	1,712
5	6,020	7,146	2241	197	15,604
6	4,840	8,491	596	1,218	15,145
8	2,088	11,405	0	1,239	14,732
9	415	3,020	0	101	3,536
10	20	0	0	0	20
ALL	14,743	35,062	3,007	4,778	57,590

**TABLE 13 - RELEASE AND WEEDING**

*Activity Codes 510-519*  
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	1,373	2,406	0	295	4,074
2	2,250	1,811	0	30	4,091
3	239	83	0	569	891
4	1,604	1,405	0	0	3,009
5	9,158	24,797	0	1,701	35,656
6	1,381	6,895	0	0	8,276
8	14,740	10,068	0	6,879	31,687
9	6,340	1,884	0	676	8,900
10	27	0	0	0	27
ALL	37,112	49,349	0	10,150	96,611

**TABLE 14 - PRECOMMERCIAL THINNING**

*Activity Codes 520-529*  
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	13,762	2,529	0	247	16,538
2	6,900	7,798	0	1,052	15,750
3	7,648	4,674	0	692	13,014
4	9,274	3,257	0	0	12,531
5	17,258	18,601	0	2,975	38,834
6	42,978	27,072	0	315	70,365
8	5,437	3,707	0	846	9,990
9	1,265	1,232	0	4	2,501
10	4,430	54	0	0	4,484
ALL	108,952	68,924	0	6,131	184,007

**TABLE 15 - PRUNING**

*Activity Codes 530-539*  
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	128	0	0	3,299	3,427
5	342	106	0	23	471
6	1,814	3,315	0	100	5,229
8	0	18	0	44	62
9	770	261	0	231	1,262
ALL	3,054	3,700	0	3,697	10,451

**TABLE 16 - FERTILIZING OF ESTABLISHED STAND**

*Activity Codes 550-559*  
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	98	145	0	0	243
5	26	1,104	0	0	1,130
6	662	5,717	0	0	6,379
8	474	92	0	771	1,337
10	44	0	0	0	44
ALL	1,304	7,058	0	771	9,133



**TABLE 17 - PRESCRIBED BURNING TO CONTROL UNDERSTORY SPECIES**

*Activity Code 541*  
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	0	59	0	0	59
5	0	0	0	80	80
6	1,000	10	0	0	1,010
8	3,595	3,730	0	0	7,325
9	20	0	0	0	20
ALL	4,615	3,799	0	80	8,494

**TABLE 18 - ANIMAL CONTROL FOR REFORESTATION**

*Activity Codes 460-469*  
ACRES

Region	PM & RF	K-V	BD	Other	Total
1	6,966	4,029	0	1	10,996
3	78	543	0	0	621
4	4,225	4,980	0	0	9,205
5	2,968	6,863	0	42	9,873
6	39,492	38,059	0	133	77,684
9	174	604	0	10	788
ALL	53,903	55,078	0	186	109,167

**TABLE 19 - ANIMAL CONTROL FOR TIMBER STAND IMPROVEMENT**

*Activity Codes 560-569*  
ACRES

Region	PM & RF	K-V	BD	Other	Total
5	245	332	0	621	1,198
6	162	0	0	0	162
9	67	80	0	0	147
ALL	474	412	0	621	1,507

**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	4,744	608	6,396	2,829	1,670	2,081	2,502	13,379	628	34,837
2	1,910	1,752	7,981	2,571	1,162	0	3,860	1,704	1,253	22,193
3	19	725	834	91	1,056	238	5,807	1,316	0	10,086
4	2,478	303	1,180	1,270	1,224	407	3,236	9,875	201	20,174
5	1,395	28	89	199	6,374	167	34,978	49,457	103	92,790
6	3,464	547	8,417	1,965	5,837	1,819	27,706	71,296	1,483	122,534
8	9,782	1,852	6,273	1,834	15,113	536	58,097	31,758	3,668	128,913
9	21,951	1,205	5,942	2,330	19,895	10,619	23,789	4,234	30	89,995
10	3,817	0	0	29	119	0	0	268	0	4,233
ALL	49,560	7,020	37,112	13,118	52,450	15,867	159,975	183,287	7,366	525,755

**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		Cleaning	Release	Precom. Thinning	Fertilization	Pruning	Total TSI
1	35,701	196	5,156	3,143	44,196	0	4,074	16,538	243	3,427	24,282	
2	558	131	2,350	20,233	23,272	0	662	7,010	0	0	7,672	
3	475	0	162	7,227	7,864	0	239	1,330	0	0	1,569	
4	13,577	0	3,374	3,803	20,754	0	1,421	9,706	0	0	11,127	
5	12,162	0	371	1,831	14,364	0	32,837	32,392	1,271	471	66,971	
6	43,682	0	4,835	16,707	65,224	219	5,503	22,849	1,242	1,142	30,955	
8	21,833	2,691	13,273	1,085	38,882	0	23,894	7,880	1,337	62	33,173	
9	2,830	367	20,571	23,747	47,515	0	5,962	5,143	0	908	12,013	
10	395	0	0	9,846	10,241	0	0	2,463	0	145	2,608	
ALL	131,213	3,385	50,092	87,622	272,312	219	74,592	105,311	4,093	6,155	190,370	

**TABLE 22 - STATUS OF REFORESTATION AFTER FINAL HARVEST (ACRES)**

Region	Final Harvest Reported in FY 1993	Adjustments To Date	Revised Final Harvest	Adequately Stocked		Not Adequately Stocked			
						Further Treatment		No Further Treatment	
				Acres	%	Acres	%	Acres	%
1	22,837	222	23,059	21,500	93.2	1,559	6.8	0	0.0
2	15,162	4,733	19,895	17,587	88.4	2,618	13.2	27	0.1
3	5,440	1,659	7,099	6,876	96.9	189	2.7	34	0.5
4	14,035	-4,135	9,900	8,532	86.2	1,187	12.0	181	1.8
5	17,495	-5,705	11,790	9,854	83.6	1,926	16.3	10	0.1
6	60,998	-1,161	59,837	55,173	92.2	4,396	7.3	268	0.4
8	35,982	-297	35,685	34,183	95.8	1,476	4.1	0	0.0
9	48,155	-332	47,823	39,842	83.3	7,981	16.7	349	0.7
10	10,772	415	11,187	11,132	99.5	55	0.5	0	0.0
ALL	230,876	-4,601	226,275	204,679	90.5	21,387	9.5	869	0.4

**TABLE 23 - PLANTATION SURVIVAL CHECKS.**

Survival checks made after 1997 Growing Season.

REGION	SPECIES (Species Code)	First Year Survival		Third Year Survival	
		Acres Sampled	Survival Percent	Acres Sampled	Survival Percent
1	Douglas-fir (PSME)	840	97%	1,511	76%
	Englemann spruce (PIEN)	349	97%	720	82%
	Lodgepole pine (PICO)	743	94%	1,343	77%
	Ponderosa pine (PIPO)	844	94%	1,268	80%
	Western larch (LAOC)	1,352	93%	2,083	76%
	Western red cedar (THPL)	75	95%	134	92%
	Western white pine (PIMO3)	785	96%	1339	81%
	Subtotal, R-1	4,988	95%	8,398	78%
2	Englemann spruce (PIEN)	153	51%	0	
	Lodgepole pine (PICO)	888	78%	1,092	63%
	Ponderosa pine (PIPO)	830	81%	409	18%
	Subtotal, R-2	1,871	77%	1,501	51%
3	Englemann spruce (PIEN)	96	87%	40	80%
	Douglas-fir (PSME)	147	97%	0	0%
	Ponderosa pine (PIPO)	859	76%	776	48%
	Subtotal, R-3	1,102	79%	816	50%
4	Douglas-fir (PSME)	1,163	94%	3,721	67%
	Englemann spruce (PIEN)	765	93%	1,144	72%
	Lodgepole pine (PICO)	987	97%	3,803	70%
	Ponderosa pine (PIPO)	2,839	94%	9,306	64%
	Jeffrey pine (PIJE)	154	64%	0	0%
	Sugar pine (PILA)	98	34%	0	0%
	Western larch (LAOC)	222	89%	485	54%
	Blue spruce (PIPU)	11	89%	50	90%
	Subtotal, R-4	6,239	92%	18,509	66%

**TABLE 23 - PLANTATION SURVIVAL CHECKS.**

Survival checks made after 1997 Growing Season.

REGION	SPECIES (Species Code)	First Year Survival		Third Year Survival	
		Acres Sampled	Survival Percent	Acres Sampled	Survival Percent
5	White Fir (ABCO)	5,494	57%	3,970	34%
	California red fir (ABMA)	2,538	47%	2,744	30%
	Noble fir (ABPR)	37	75%	19	4%
	Shasta red fir (ABMAS)	9	60%	18	22%
	Incense-cedar (LIDE)	4,931	59%	3,032	50%
	Lodgepole pine (PICO)	326	83%	45	97%
	Coulter pine (PICO3)	14	70%	53	32%
	Jeffrey pine (PIJE)	8,279	69%	6,455	50%
	Sugar pine (PILA)	3,586	59%	4,387	39%
	Western white pine (PIMO3)	248	44%	204	37%
	Ponderosa pine (PIPO)	18,041	72%	16,179	62%
	Knobcone x Monterey (PIAT2)	12	47%	48	32%
	Bigcone Douglas-fir (PSMA)	27	30%	62	25%
	Douglas-fir (PSME)	8,073	51%	7,954	47%
	Giant Sequoia (SEGI2)	429	58%	611	75%
	Pacific yew (TABR2)	0		5	75%
	Coast redwood (SESE3)	5	80%	0	0%
	Interior live oak (QUWI)	0		17	100%
	Washoe pine(PIWA)	33	90%	0	0%
	Subtotal, R-5	52,082	63%	45,803	50%



**TABLE 23 - PLANTATION SURVIVAL CHECKS.**

Survival checks made after 1997 Growing Season.

REGION	SPECIES (Species Code)	First Year Survival		Third Year Survival	
		Acres Sampled	Survival Percent	Acres Sampled	Survival Percent
6	Douglas-fir (PSME)	11,151	84%	14,472	67%
	Lodgepole pine (PICO)	2,011	92%	2,818	77%
	Ponderosa pine (PIPO)	30,727	89%	38,318	66%
	Spruces (all species)	726	85%	888	79%
	True firs (all species)	785	74%	2,158	61%
	Western larch (LAOC)	3,534	81%	6,771	57%
	Other species	3,531	84%	6,655	75%
	Subtotal, R-6	52,465	87%	72,080	67%
8	Black cherry (PRSE2)	290	91%	277	78%
	Northern red oak (QURU)	161	82%	182	52%
	Loblolly pine (PITA)	2,792	83%	8,724	82%
	Longleaf pine (PIPA2)	6,080	74%	8,518	71%
	Pitch pine (PIRI)	108	95%	159	82%
	Shortleaf pine (PIEC2)	2,830	65%	3,483	66%
	Slash pine (PIEL)	134	66%	843	77%
	Eastern white pine (PIST)	516	83%	1,005	70%
	Virginia pine (PIVI2)	57	69%	4	80%
	White oak (QUAL)	11	74%	45	36%
	Other species	20	99%	247	88%
Subtotal, R-8	12,999	75%	23,487	75%	

**TABLE 23 - PLANTATION SURVIVAL CHECKS.**

Survival checks made after 1997 Growing Season.

REGION	SPECIES (Species Code)	First Year Survival		Third Year Survival	
		Acres Sampled	Survival Percent	Acres Sampled	Survival Percent
9	Red pine (PIRE)	1,725	82%	2,492	82%
	Jack pine (PIBA2)	1,972	88%	2,420	92%
	Eastern white pine (PIST)	1,477	84%	1,097	77%
	White spruce (PIGL)	221	81%	328	73%
	Northern white cedar (THOC2)	81	67%	21	11%
	Shortleaf pine (PIEC2)	398	91%	466	94%
	Northern red oak (QURU)	567	80%	433	81%
	Eastern hemlock (TSCA)	80	82%	0	0%
	Tamarack (LALA)	97	82%	97	82%
	Black locust (ROPS)	12	69%	9	62%
	Virginia pine (PIV2)	25	78%	18	85%
	Green ash (FRPE)	0		23	86%
	Yellow poplar (LITU)	281	85%	0	0%
	Sycamore (PLOC)	0		2	83%
	Oaks	0		68	80%
	Subtotal, R-9	6,936	#VALUE!	7,636	83%
10	Alaska yellow cedar (CHNO)	346	92%	340	79%
	Sitka spruce (PISI)	187	95%	123	95%
	Western red cedar (THPL)	36	81%	0	0%
	White spruce (PIGL)	205	91%	60	83%
	Subtotal, R-10	774	92%	523	83%
ALL	National Total	139,456	#VALUE!	178,753	65%

**TABLE 24 - TREE SPECIES SYMBOLS**

Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name	Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name
11	ABAM	Pacific silver fir	116	PIJE	Jeffrey pine
12	ABBA	Balsam fir	117	PILA	Sugar pine
15	ABCO	White fir	119	PIMO3	Western white pine
17	ABGR	Grand fir	121	PIPA2	Longleaf pine
19	ABLA	Subalpine fir	122	PIPO	Ponderosa pine
20	ABMA	Red fir	96	PIPU	Colorado blue spruce
21	ABMAS	Shasta red fir	125	PIRE	Red pine
22	ABPR	Noble fir	126	PIRI	Pitch pine
316	ACRU	Red maple	98	PISI	Sitka spruce
351	ALRU2	Red alder	129	PIST	Eastern White Pine
375	BEPA	Paper birch	131	PITA	Loblolly pine
41	CHLA	Port Orford-cedar	132	PIVI2	Virginia pine
42	CHNO	Alaska yellow-cedar	747	POBAT	Black cottonwood
541	FRAM2	White ash	746	POTRT	Quaking aspen
544	FRPE	Green ash	762	PRSE2	Black cherry
71	LALA	Tamarack	201	PSMA2	Big cone Douglas-fir
73	LAOC	Western larch	202	PSME	Douglas-fir
81	LIDE	Incense-cedar	802	QUAL	White oak
--	LIDE3	Tanoak	827	QUNI	Water oak
101	LIDE	Whitebark pine	833	QURU	Northern red oak
--	PIAT2	Knobcone x Monterey pine	211	SESE3	Redwood
105	PIBA2	Jack pine	231	TABR2	Pacific yew
92	PIBR	Brewer spruce	68	THOC2	Eastern red cedar
108	PICO	Lodgepole pine	242	THPL	Western red cedar
110	PIEC2	Shortleaf pine	261	TSCA	Eastern hemlock
--	PIEL	Slash pine	264	TSHE	Western hemlock
93	PIEN	Englemann spruce	--	TSME	Mountain hemlock
94	PIGL	White spruce	111	PIEL	Slash Pine