

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FY 2005

TABLE 7

National Forest Land Planted with Known Seed Source

Region	Species	Selective Breeding	Seed Orchard	Select Tree	Seed			Vegetative Material	Total	
					Production Area	Seed Stand	Seed Zone			
1	PSME	0	0	0	13	165	1,594	0	0	1,772
	LAOC	0	0	0	2	1,264	2,437	0	0	3,703
	PICO	0	0	0	2	68	752	0	0	822
	PIPO	0	0	0	0	994	4,709	0	0	5,703
	PIEN	0	0	0	0	10	370	0	0	380
	PIAL	0	0	3	0	0	20	0	0	23
	PIMO3	0	1,834	0	210	10	35	0	0	2,089
Subtotal, R-1		0	1,834	3	227	2,511	9,917	0	0	14,492
2	PICO	0	0	0	0	0	527	5	0	532
	PIEN	0	0	0	0	0	504	0	0	504
	PIPO	0	0	178	0	0	1,903	0	0	2,081
	PSME	0	0	0	0	0	506	0	0	506
Subtotal, R-2		0	0	178	0	0	3,440	5	0	3,623
3	PIPO	0	0	0	0	176	1874	0	0	2,050
	PSME	0	0	0	0	176	60	0	0	236
Subtotal, R-3		0	0	0	0	176	1,934	0	0	2,286
4	LAOC	0	0	0	55	0	0	0	0	55
	PICO	0	0	4	259	0	0	0	0	263
	PIEN	0	0	0	189	0	0	0	0	189
	PIPO	0	0	0	2,119	0	0	0	0	2,119
	PSME	0	0	0	252	0	0	0	0	252
Subtotal, R-4		0	0	4	2,874	0	0	0	0	2,878
5	ABCO	0	0	35	0	0	41	0	0	76
	ABMA2	0	0	56	0	0	44	0	0	100
	LIDE3	0	0	0	0	0	42	0	0	42
	PIAR	0	0	0	0	0	15	0	0	15
	PICO2	0	0	0	0	0	392	0	0	392
	PIJE	0	31	550	0	0	2,145	0	0	2,726
	PILA	17	1	211	55	0	326	0	0	610
	PIPO	0	259	1,866	26	0	2,562	0	0	4,713
	PSMA2S	0	0	0	0	0	84	0	0	84
	PSME	0	0	160	0	0	0	0	0	160
	QULO	0	6	0	0	0	0	0	0	6
	SEGI2	0	0	0	0	0	194	0	0	194
	FRAXI	0	2	0	0	0	76	0	0	78
Subtotal, R-5		17	299	2,878	81	0	5,921	0	0	9,196
6	ABCO	0	0	0	15	0	3	0	0	18
	ABGR	0	0	0	4	0	0	0	0	4
	ABMAS	0	0	23	0	0	0	0	0	23

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ABPR	0	0	69	13	5	0	0	0	87
ALRU2	0	0	5	0	0	0	0	0	5
CHLA	0	0	0	94	7	0	0	0	101
Hardwood	0	0	0	0	0	12	0	0	12
LAOCW	0	0	406	0	86	2,183	28	0	2,703
LIDE	0	0	246	1	0	200	0	0	447
PIBR	0	0	0	0	0	0	0	0	0
PICO	0	0	106	0	0	161	0	0	267
PIEN	0	0	3	2	0	33	6	0	44
PIJE	0	0	0	4	0	0	0	0	4
PILA	0	196	518	0	0	28	0	0	742
PIMO3	70	211	235	109	0	739	2	0	1,366
PIPO	0	64	9,705	90	100	7,931	80	0	17,970
PISI	0	0	0	0	0	1	0	0	1
POTR	0	0	0	0	0	0	0	2	2
PSME	0	0	2,048	2,393	6	1,991	0	0	6,438
PSMEE	0	0	0	0	0	0	23	0	23
PSMEW	0	0	0	0	0	26	0	0	26
THPL	0	0	38	41	0	243	0	0	322
TSHE	0	58	0	21	0	218	0	0	297
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Subtotal, R-6	70	529	13,402	2,787	204	13,769	139	2	30,902
8	PIEC2	238	5,637	0	0	42	0	0	5,917
	PIEL	0	40	0	0	0	7	0	47
	PIPA2	20	1,919	0	114	195	673	185	3,106
	PIRI	0	191	0	0	0	0	0	191
	PIST	0	67	0	0	0	0	0	67
	PITA	48	84	343	0	0	76	0	551
	QUPA5	0	10	0	0	0	0	0	10
	QUAL	0	46	34	0	0	185	0	265
	QUNU	0	0	0	0	0	33	0	33
	QURU	0	8	0	0	0	261	45	314
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Subtotal, R-8	306	8,002	377	114	195	1,194	313	0	10,501
9	PIGL	0	127	0	0	63	15	0	205
	PIBA2	0	198	0	0	264	1,390	282	2,134
	PIEC2	0	131	0	0	0	0	0	131
	PIRE	0	68	0	0	163	661	226	1,118
	PIST	265	1,093	59	0	13	1,651	34	3,115
	LALA	0	0	0	0	31	0	0	31
	ABBA	0	0	0	0	0	0	2	2
	THOC2	0	0	0	0	8	4	0	12
	TSCA	0	0	0	0	1	89	14	104
	BEPA	0	0	0	0	0	3	11	14
	QUAL	0	0	0	0	0	60	0	60
	QURU	0	0	0	10	0	308	32	350
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Subtotal, R-9	265	1,617	59	10	480	4,229	616	0	7,276

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10	PICEA	0	0	0	0	0	285	0	0	285
	PISI	0	0	0	0	0	25	0	0	25
	Subtotal, R-10	0	0	0	0	0	310	0	0	310
ALL		658	12,281	16,901	6,093	3,566	40,714	1,073	2	81,464
	Percent of Total	0.8	15.1	20.7	7.5	4.4	50.0	1.3	0.0	100.0

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TABLE 8

SILVICULTURAL EXAMINATIONS AND PRESCRIPTIONS

ACRES

Region	Silvicultural Exam	Diagnosis	Prescription
	Act. 4310-4319	Act. 4320-4329	Act. 4330-4339
1	115,317	1,019	37,480
2	71,439	5,616	485
3	8,859	4,105	5,400
4	31,147	11,708	13,838
5	2,009	735	1,360
6	63,049	19,596	41,439
8	10,695	0	428,804
9	59,354	44	23,010
10	16,161	0	1,551
ALL	378,030	42,823	553,367

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TABLE 9

PLANTING

Activity Codes 4430-4449
ACRES

Region	NFVW/RTF	K-V	BD	Other	Total
1	4,468	6,175	0	3,849	14,492
2	0	216	0	3,407	3,623
3	0	18	0	2,268	2,286
4	0	365	0	2,513	2,878
5	2,832	1,929	0	4,435	9,196
6	10,478	5,919	0	14,505	30,902
8	2,698	3,005	0	4,798	10,501
9	1,503	3,886	0	1,887	7,276
10	76	0	0	0	76
ALL	22,055	21,513	0	37,662	81,230

TABLE 10

SEEDING

Activity Codes 4410-4429
ACRES

Region	NFVW/RTF	K-V	BD	Other	Total
1	0	0	0	0	0
2	0	15	0	0	15
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	60	0	0	60
8	174	1,049	0	0	1,223
9	19	244	0	27	290
10	0	0	0	0	0
ALL	193	1,368	0	27	1,588

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TABLE 11

SITE PREPARATION FOR NATURAL REGENERATION

Activity Code 4490-4499
ACRES

Region	NFVW/RTF	K-V	BD	Other	Total
1	107	737	16	564	1,424
2	0	994	0	0	994
3	0	412	0	0	412
4	59	776	0	18	853
5	13	0	0	86	99
6	1,328	3,121	0	4	4,453
8	18	7,637	0	1,035	8,690
9	793	9,916	0	623	11,332
10	0	0	0	0	0
ALL	2,318	23,593	16	2,330	28,257

TABLE 11A

NATURAL REGENERATION WITHOUT SITE PREPARATION

Activity Code 4382
ACRES

Region	NFVW/RTF	K-V	BD	Other	Total
1	7,605	328	0	134	8,067
2	394	3,026	0	5,416	8,836
3	0	1,019	0	0	1,019
4	304	1,555	0	862	2,721
5	0	0	0	105	105
6	881	3,487	0	0	4,368
8	15	0	0	847	862
9	1,950	9,081	0	2,029	13,060
10	34	2,460	0	2	2,496
ALL	11,183	20,956	0	9,395	41,534

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TABLE 12

SITE PREPARATION FOR PLANTING OR SEEDING

Activity Codes 4470-4489

ACRES

Region	NFVW/RTF	K-V	BD	Other	Total
1	396	0	0	0	396
2	30	0	0	0	30
3	0	0	0	0	0
4	0	0	0	0	0
5	115	0	0	0	115
6	119	0	0	0	119
8	1,566	0	0	0	1,566
9	383	0	0	0	383
10	0	0	0	0	0
ALL	2,609	0	0	0	2,609

TABLE 13

RELEASE AND WEEDING

Activity Codes 4510-4519

ACRES

Region	NFVW/RTF	K-V	BD	Other	Total
1	197	512	0	1,060	1,769
2	204	5,256	0	562	6,022
3	923	89	0	146	1,158
4	475	521	0	417	1,413
5	2,723	6,087	0	6,263	15,073
6	592	2,014	149	1,268	4,023
8	9,380	5,026	0	4,778	19,184
9	2,836	3,386	0	4,469	10,691
10	0	0	0	0	0
ALL	17,330	22,891	149	18,963	59,333

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TABLE 14

PRECOMMERCIAL THINNING

Activity Codes 4520-4529

ACRES

Region	NFVW/RTF	K-V	BD	Other	Total
1	2,968	688	0	3,360	7,016
2	1,135	10,774	0	4,653	16,562
3	15,855	1,550	0	5,504	22,909
4	7,160	1,232	0	5,911	14,303
5	9,065	8,623	0	13,371	31,059
6	10,265	12,980	0	31,175	54,420
8	2,704	1,471	0	6,101	10,276
9	719	1,061	0	907	2,687
10	3,220	181	0	2,139	5,540
ALL	53,091	38,560	0	73,121	164,772

TABLE 15

PRUNING

Activity Codes 4530-4539

ACRES

Region	NFVW/RTF	K-V	BD	Other	Total
1	101	15	0	4,993	5,109
2	0	0	0	0	0
3	0	0	0	0	0
4	788	0	0	25	813
5	325	337	0	1,247	1,909
6	832	1,597	0	955	3,384
8	0	0	0	0	0
9	276	132	0	655	1,063
10	0	0	0	0	0
ALL	2,322	2,081	0	7,875	12,278

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TABLE 16

FERTILIZING OF ESTABLISHED STANDS

Activity Codes 4550-4559

ACRES

Region	NFVW/RTF	CWKV	BD	Other	Total
1	44	0	0	0	44
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	2,658	0	0	2,658
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
ALL	44	2,658	0	0	2,702

TABLE 17

PRESCRIBED BURNING TO CONTROL UNDERSTORY SPECIES

Activity Code 4541

ACRES

Region	NFVW/RTF	CWKV	BD	Other	Total
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	1,264	0	0	0	1,264
5	0	0	0	0	0
6	0	0	0	0	0
8	2,028	6,528	0	580	9,136
9	0	0	0	0	0
10	0	102	0	0	102
ALL	3,292	6,630	0	580	10,502

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TABLE 18

ANIMAL CONTROL FOR REFORESTATION

Activity Codes 4460-4469

ACRES

Region	NFVW/RTF	K-V	BD	Other	Total
1	974	1,535	0	3,272	5,781
2	0	0	0	0	0
3	0	0	0	142	142
4	816	901	0	387	2,104
5	419	3,623	0	3,447	7,489
6	10,949	5,344	0	784	17,077
8	0	0	0	0	0
9	549	3,148	0	3,694	7,391
10	0	0	0	0	0
ALL	13,707	14,551	0	11,726	39,984

TABLE 19

ANIMAL CONTROL FOR TIMBER STAND IMPROVEMENT

Activity Codes 4560-4569

ACRES

Region	NFVW/RTF	K-V	BD	Other	Total
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
8	0	0	0	0	0
9	247	420	0	1,542	2,209
10	0	0	0	0	0
ALL	247	420	0	1,542	2,209

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TABLE 20

REGENERATION AND INTERMEDIATE HARVEST ACRES

	Clearcut	Prep cut	Seed cut	Removal cut	Selection	Improvement	Thinning	Sanitation	Special cut	Total
	4110-4119	4120-4129	4130-4139	4140-4149	cut	cut	4200	cut		
Region	4162-4177	4192	4183, 4194	4195, 4196	4150-4159	4210-4219	4220-4229	4230-4239	4240-4249	4110-4249
1	2,582	763	4,395	307	658	4,499	7,962	4,603	292	26,061
2	1,441	2,672	4,889	1,838	2,361	744	5,758	4,934	1,059	25,696
3	0	0	0	0	3,775	1,437	13,224	4,917	1,733	25,086
4	214	84	211	279	321	33	1,858	1,134	258	4,392
5	907	0	4	3	1,670	14	20,188	5,306	5,682	33,774
6	136	19	3,846	2,108	1,112	597	20,078	11,170	75	39,141
8	5,720	1,441	4,494	1,075	4,113	0	26,526	4,043	1,450	48,862
9	9,897	661	3,623	2,071	9,881	1,618	13,556	2,441	238	43,986
10	1,478	0	62	0	99	0	0	495	0	2,134
ALL	22,375	5,640	21,524	7,681	23,990	8,942	109,150	39,043	10,787	249,132

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TABLE 21

CERTIFICATION OF REFORESTATION AND TIMBER STAND IMPROVEMENT ACREAGES

Region	Reforestation						Timber Stand Improvement				
	Planted	Seeded	Natural Regen	Natural Regen	Total	Cleaning	Release	Pre. Comm.			Total TSI
			W/Site Preparation	W/O Site Preparation				Thinning	Fertilization	Pruning	
1	4,734	1,019	1,215	8,067	15,035	0	700	3,225	0	2,159	6,084
2	1,143	174	1,279	8,836	11,432	0	38	10,425	0	0	10,463
3	0	0	0	1,019	1,019	0	0	0	0	0	0
4	40,419	0	703	2,721	43,843	0	8,627	12,077	0	0	20,704
5	2,879	0	18	105	3,002	0	4,465	8,258	0	1,419	14,142
6	13,598	0	1,632	4,432	19,662	0	3,448	16,625	2,230	1,213	23,516
8	8,411	727	11,338	904	21,380	0	17,020	13,625	0	0	30,645
9	6,347	1,059	15,697	15,373	38,476	0	5,736	2,453	0	452	8,641
10	53	0	0	3,879	3,932	0	0	3,525	0	0	3,525
ALL	77,584	2,979	31,882	45,336	157,781	0	40,034	70,213	2,230	5,243	117,720

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APPENDIX A

Hardwoods

Conifers

Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name	Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name
351	ALRU2	red alder	12	ABBA	balsam fir
375	BEPA	paper birch	15	ABCO	white fir
540	FRAXI	ash	17	ABGR	grand fir
631	LIDE3	tanoak	21	ABMAS	Shasta red fir
746	POTR	quaking aspen	22	ABPR	noble fir
802	QUAL	white oak	41	CHLA	Port Orford-cedar
813	QUPA5	cherrybark oak	71	LALA	tamarack
821	QULO	valley oak	73	LAOC	western larch
828	QUNU	Nuttal oak	N/A	LAOCW 1/	western larch
833	QURU	northern red oak	81	LIDE	incense-cedar
	ABMA2	red sand verbena (forb)	101	PIAL	whitebark pine
			90	PICEA	spruce
			92	PIBR	Brewer spruce
			93	PIEN	Englemann spruce
			94	PIGL	white spruce
			98	PISI	Sitka spruce
			102	PIAR	bristlecone pine
			105	PIBA2	jack pine
			108	PICO	lodgepole pine
			110	PIEC2	shortleaf pine
			111	PIEL	slash pine
			116	PIJE	Jeffrey pine
			117	PILA	sugar pine
			119	PIMO3	western white pine
			121	PIPA2	longleaf pine
			122	PIPO	ponderosa pine
			125	PIRE	red pine
			126	PIRI	pitch pine
			129	PIST	eastern white pine
			131	PITA	loblolly pine
			202	PSME	Douglas-fir
			N/A	PSMEE 2/	Douglas-fir
			N/A	PSMEW 3/	Douglas-fir
			212	SEGI2	giant sequoia
			N/A	THOC2	arborvitae
			242	THPL	western red cedar
			261	TSKA	eastern hemlock
			263	TSHE	western hemlock

1/ Western larch west of the Cascade Mountain

2/ Douglas-fir east of the Cascade Mountain

3/ Douglas - fir west of the Cascade Mountain