

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2010

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	LAOC	13	0	0	0	603	1,633	0	0	2,249
	PIAL	0	0	0	0	8	168	0	0	176
	PICO	0	0	0	0	26	117	0	0	143
	PIEN	0	0	0	0	10	378	0	0	388
	PIMO3	1,089	0	0	0	10	0	0	0	1,099
	PIPO	0	0	108	13	303	2,814	0	0	3,238
	PSME	0	0	0	0	71	1,301	0	0	1,372
Subtotal, R-1		1,102	0	108	13	1,030	6,410	0	0	8,663
2	PICO	0	0	0	0	0	21	10	0	30
	PIEN	0	0	0	0	0	142	0	0	142
	PIPO	0	0	834	0	0	782	0	0	1,616
	PSME	0	0	0	0	0	178	0	0	178
Subtotal, R-2		0	0	834	0	0	1,123	10	0	1,966
3	PICEA	0	0	0	0	0	58	0	0	58
	PIPO	0	0	0	0	0	1,793	0	0	1,793
Subtotal, R-3		0	0	0	0	0	1,851	0	0	1,851
4	LAOC	0	0	38	0	0	676	0	0	714
	PIAL	0	0	0	0	0	120	0	0	120
	PICO	0	0	194	0	0	697	0	0	891
	PIEN	0	0	120	0	0	905	0	0	1,025
	PIPO	0	3	956	0	0	2,312	0	0	3,270
	PSME	0	0	379	0	0	1,502	0	0	1,881
Subtotal, R-4		0	3	1,686	0	0	6,211	0	0	7,900
5	ABCO	0	2	10	0	0	300	0	0	312
	ABMA	0	0	55	0	0	142	0	0	197
	CADE27	0	114	682	0	0	50	39	0	884
	CHLA	218	0	21	0	0	0	0	0	239
	PIBR	0	0	0	0	0	78	0	0	78
	PICO3	0	0	17	0	0	23	0	0	40
	PIJE	0	248	993	0	0	7,958	0	0	9,198
	PILA	0	180	850	56	0	243	150	0	1,480
	PIMO3	0	0	30	0	0	0	0	0	30
	PINUS	0	0	0	0	340	0	0	0	340
	PIPO	0	10,377	6,577	0	35	1,941	0	0	18,930
	PSMA	0	0	7	0	0	3	0	0	10
	PSME	0	315	4,180	0	37	804	0	0	5,337
	QUAG	0	0	0	0	0	11	0	0	11

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	QUCH2	0	0	0	0	0	11	0	0	11
	SEGI2	0	0	0	0	0	7	0	0	7
	Subtotal, R-5	218	11,235	13,422	56	412	11,570	189	0	37,102
6	ABCO	0	0	0	0	0	13	0	0	13
	ABGR	0	0	0	0	0	0	0	0	0
	ABPR	0	16	16	0	0	38	0	0	70
	LAOC	0	0	1,065	0	271	351	0	0	1,687
	PIAL	0	0	39	0	0	2	0	0	41
	PICO	0	0	0	0	0	23	22	0	45
	PIEN	0	0	94	0	146	2	14	0	255
	PILA	7	1	26	0	1	50	0	0	85
	PIMO	0	0	12	0	0	0	0	0	12
	PIMO3	448	98	40	94	0	46	48	0	775
	PIPO	0	8	4,905	0	930	2,294	82	0	8,218
	PSME	0	65	473	50	840	895	68	0	2,391
	THPL	0	0	42	0	0	30	0	0	72
	TSHE	0	0	0	0	0	5	0	0	5
	Subtotal, R-6	454	188	6,712	144	2,188	3,747	234	0	13,667
8	CADE12	2	0	0	0	0	0	0	0	2
	PIEC2	0	1,899	340	199	0	306	40	0	2,783
	PINUS	0	426	0	0	0	0	0	0	426
	PIPA2	0	2,882	72	0	0	218	596	0	3,768
	PITA	42	960	0	0	0	0	0	0	1,002
	QUAL	0	0	0	8	0	47	135	0	190
	QUPH	0	0	0	0	0	0	11	0	11
	QURU	0	0	26	0	0	111	11	0	148
	QUTE	0	0	0	0	0	0	45	0	45
	Subtotal, R-8	44	6,167	438	207	0	682	837	0	8,374
9	ABBA	0	0	0	0	0	12	0	0	12
	BEAL2	0	0	0	0	0	13	0	0	13
	BEPA	0	9	14	0	0	5	0	0	28
	CARYA	0	0	0	0	0	1	0	0	1
	JUCI	0	0	0	0	0	0.4	10	0	10
	JUGLA	0	0	0	0	0	0.3	0	0	0
	LALA	0	4	0	0	0	35	0	0	39
	MAAC	0	0	0	0	0	1	0	0	1
	PIBA	0	0	0	0	0	42	0	0	42
	PIBA2	0	140	120	0	41	1,590	243	0	2,134
	PIEC2	0	301	0	0	0	0	0	0	301
	PIGL	0	93	0	0	33	477	0	0	603

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					Production Area	Seed Stand	Seed Zone			
	PIMA	0	22	0	0	16	14	0	0	52
	PIMO3	0	0	0	0	0	5	0	0	5
	PIRE	0	360	5	0	0	520	285	0	1,170
	PIST	0	1,341	0	61	16	378	0	0	1,795
	PRSE2	0	0	0	0	0	4	0	0	4
	QUPA2	0	0	0	0	0	0	303	0	303
	QURU	0	1	0	0	0	193	48	0	242
	QUVE	0	0	0	0	0	171	0	0	171
	THOC2	0	12	2	0	5	9	0	0	28
	TSCA	0	0	29	0	36	4	0	0	68
Subtotal, R-9		0	2,282	169	61	147	3,472	889	0	7,019
<hr/>										
10		0	0	0	0	0	0	0	0	0
Subtotal, R-10		0	0	0	0	0	0	0	0	0
<hr/>										
ALL		1,818	19,874	23,369	481	3,776	35,066	2,158	0	86,543
Percent of Total		2.1	23.0	27.0	0.6	4.4	40.5	2.5	0.0	100.0

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TABLE 8

SILVICULTURAL EXAMINATIONS AND PRESCRIPTIONS

ACRES

Region	Silvicultural Exam Act. 4310-4319	Diagnosis Act. 4320-4329	Prescription Act. 4330-4339
1	84,799	12,962	40,931
2	33,713	0	310
3	16,800	31	17,551
4	65,255	5,658	6,802
5	1,666	1,195	1,556
6	50,841	0	9,907
8	103,677	0	55
9	26,963	0	0
10	10,569	0	0
ALL	394,283	19,846	77,112

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TABLE 9

PLANTING

Activity Codes 4430-4449

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	2,458	2,252	2,415	0	0	1,538	8,663
2	229	2,024	21	0	0	473	2,747
3	0	515	0	0	0	1,922	2,437
4	148	955	560	0	0	6,419	8,082
5	9	7,375	737	10,205	0	19,616	37,942
6	1,653	8,121	1,607	0	0	3,659	15,040
8	1,813	2,457	3,611	0	0	513	8,394
9	1,216	2,526	3,192	0	0	1,208	8,142
10	0	0	0	0	0	0	0
ALL	7,526	26,225	12,143	10,205	0	35,348	91,447

TABLE 10

SEEDING

Activity Codes 4410-4429

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
8	150	0	2,351	0	0	0	2,501
9	14	190	1,126	0	0	0	1,330
10	0	92	0	0	0	0	92
ALL	164	282	3,477	0	0	0	3,923

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TABLE 11

SITE PREPARATION FOR NATURAL REGENERATION

Activity Codes 4490-4499

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	0	119	151	0	0	487	757
2	546	0	319	0	0	742	1,607
3	0	402	0	0	0	1,241	1,643
4	242	3,877	115	0	7	3,845	8,086
5	0	0	0	0	0	0	0
6	640	1,736	429	0	0	0	2,805
8	995	8,451	11,147	0	0	39	20,632
9	688	834	12,066	0	0	524	14,112
10	0	0	0	0	0	0	0
ALL	3,111	15,419	24,227	0	7	6,878	49,642

TABLE 11A

NATURAL REGENERATION WITHOUT SITE PREPARATION

Activity Codes 4382

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	14,651	12,379	790	62	0	14	27,896
2	6,507	13,341	2,514	0	0	234	22,596
3	0	559	0	0	0	0	559
4	250	7,866	656	0	0	3,299	12,071
5	246	362	0	0	0	1,242	1,850
6	890	3,374	370	9	0	444	5,087
8	200	10,513	152	0	0	0	10,865
9	720	768	6,256	0	0	844	8,588
10	0	841	1,364	0	0	0	2,205
ALL	23,464	50,003	12,102	71	0	6,077	91,717

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TABLE 12

SITE PREPARATION FOR PLANTING OR SEEDING

Activity Codes 4470-4489

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	0	0	303	0	9	298	610
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	29	69	0	97	122	317
5	0	1,356	134	0	0	1,309	2,799
6	518	23	196	0	0	36	773
8	508	1,628	5,574	0	0	181	7,891
9	68	1,050	2,244	0	0	1,648	5,010
10	0	0	0	0	0	0	0
ALL	1,094	4,086	8,520	0	106	3,594	17,400

TABLE 13

RELEASE AND WEEDING

Activity Codes 4510-4519

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	100	0	239	0	0	1,103	1,442
2	697	146	1,785	0	0	2,278	4,906
3	520	160	0	0	0	820	1,500
4	1,972	0	499	0	0	280	2,751
5	1,572	2,670	620	769	0	9,907	15,538
6	517	389	430	0	0	12,220	13,556
8	22,517	3,579	8,380	0	0	4,269	38,745
9	2,810	1,310	1,702	0	0	4,207	10,029
10	0	0	0	0	0	0	0
ALL	30,705	8,254	13,655	769	0	35,084	88,467

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TABLE 14

PRECOMMERCIAL THINNING

Activity Codes 4520-4529

ACRES

Region	NFWW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	9,900	0	288	0	0	10,751	20,939
2	1,942	2,660	2,555	0	0	11,886	19,043
3	9,943	1,096	355	0	0	15,248	26,642
4	8,415	1,055	47	0	0	8,621	18,138
5	4,818	3,818	780	108	0	25,498	35,022
6	7,908	7,903	2,109	0	0	78,234	96,154
8	2,092	2,847	1,819	0	0	4,780	11,538
9	2,309	337	1,032	0	0	95	3,773
10	2,673	2,907	44	308	0	278	6210
ALL	50,000	22,623	9,029	416	0	155,391	237,459

TABLE 15

PRUNING

Activity Codes 4530-4539

ACRES

Region	NFWW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	531	0	0	0	0	8,300	8,831
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	310	310
5	0	556	20	328	0	4,525	5,429
6	1,153	0	662	0	0	1,902	3,717
8	0	0	0	0	0	0	0
9	106	115	27	0	0	1,938	2,186
10	0	0	0	0	0	0	0
ALL	1,790	671	709	328	0	16,975	20,473

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TABLE 16

FERTILIZATION OF ESTABLISHED STANDS

Activity Codes 4550-4559

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	0	94	0	0	903	997
6	0	0	42	0	0	477	519
8	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
ALL	0	0	136	0	0	1,380	1,516

TABLE 17

PRESCRIBED BURNING TO CONTROL UNDERSTORY

Activity Codes 4541

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	0	0	0	0	0	0	0
2	0	0	0	0	0	66	66
3	0	0	0	0	0	0	0
4	0	0	0	0	0	665	665
5	0	0	0	0	0	0	0
6	75	0	0	0	0	55	130
8	0	154	4,399	0	0	0	4,553
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
ALL	75	154	4,399	0	0	786	5,414

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TABLE 18

ANIMAL CONTROL FOR REFORESTATION

Activity Codes 4460-4469

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	599	483	835	0	0	488	2,405
2	41	0	90	0	0	0	131
3	0	0	0	0	0	8	8
4	7	748	257	0	0	346	1,358
5	0	0	116	0	0	281	397
6	137	3,931	1,222	0	0	3018	8,308
8	0	0	0	0	0	0	0
9	1	724	370	0	0	11	1,106
10	0	0	0	0	0	0	0
ALL	785	5,886	2,890	0	0	4,152	13,713

TABLE 19

ANIMAL CONTROL FOR TIMBER STAND IMPROVEMENT

Activity Codes 4560-4569

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	0	0	0	0	53	53
6	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	324	454	1,262	0	0	0	2,040
10	0	0	0	0	0	0	0
ALL	324	454	1,262	0	0	53	2,093

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TABLE 20

REGENERATION AND INTERMEDIATE HARVEST ACRES

	Clearcut	Prep cut	Seed cut	Removal cut	Selection cut	Improvement cut	Thinning	Sanitation cut	Special cut	Total
		4120-		4140-4149						
FACTS	4110-4119	4129,	4130-4139	4160,4186			4200,			
Code	4162-4177	4192	4183,4194	4195,4196	4150-4159	4210-4219	4220-4229	4230-4239	4240-4249	4110-4249
Region										
1	2,320	117	3,134	56	200	2,173	2,806	2,877	13	13,696
2	2,810	609	1,530	2,186	1,128	242	7,306	5,636	301	21,748
3	0	0	48	0	707	214	7,267	514	0	8,750
4	41	0	127	119	725	223	2,137	225	0	3,597
5	657	0	14	0	449	300	5,707	6,013	1,162	14,302
6	40	823	1,964	303	3,216	725	28,452	1,414	0	36,937
8	3,695	119	4,174	1,302	1,363	0	29,555	786	15	41,009
9	9,558	314	2,361	961	7,455	407	13,601	2,054	0	36,711
10	1,042	0	0	0	24	0	0	0	0	1,066
ALL	20,163	1,982	13,352	4,927	15,267	4,284	96,831	19,519	1,491	177,816

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TABLE 21

CERTIFICATION OF REFORESTATION AND TIMBER STAND IMPROVEMENT ACREAGES

Region	Reforestation					Timber Stand Improvement					
	Planted	Seeded	Natural Regen W/Site Preparation	Natural Regen W/O Site Preparation	Total Reforestation	Cleaning	Release	Pre. Comm. Thinning	Fertilization	Pruning	Total TSI
1	6,984	33	891	27,896	35,804	0	236	6,096	0	4,346	10,678
2	1,695	0	452	22,596	24,743	0	739	6,568	0	0	7,307
3	110	0	0	559	669	0	1,830	1,859	0	0	3,689
4	936	0	10	12,071	13,017	0	2,018	2,504	0	310	4,832
5	557	0	13	1,850	2,420	0	3,446	1,270	0	1,069	5,785
6	10,319	0	1,632	5,087	17,038	0	48	776	33	191	1,048
8	1,503	2,257	3,204	10,865	17,829	0	10,413	2,178	0	0	12,591
9	4,999	294	12,951	8,588	26,832	0	1,635	1,063	0	19	2,717
10	0	0	0	2,205	2,205	0	0	0	0	0	0
ALL	27,103	2,584	19,153	91,717	140,557	0	20,365	22,314	33	5,935	48,647

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APPENDIX A

Hardwoods

Forest Survey Code	USDA-NRCS PLANTS	
	Symbol	Common Name
0371	BEAL2	yellow birch
0375	BEPA	paper birch
0400	CARYA	hickory
0421	CADE12	American chestnut
0600	JUGLA	walnut spp.
0601	JUCI	butternut
0651	MAAC	cucumber-tree
0762	PRSE2	black cherry
0801	QUAG	California live oak
0802	QUAL	white oak
0805	QUCH2	canyon live oak
0828	QUTE	nutall oak
0830	QUPA2	pin oak
0831	QUPH	willow oak
0833	QRUR	northern red oak
0837	QUVE	black oak

Conifers

Forest Survey Code	USDA-NRCS PLANTS	
	Symbol	Common Name
0012	ABBA	balsam fir
0015	ABCO	white fir
0017	ABGR	grand fir
0020	ABMA	California red fir
0022	ABPR	noble fir
0041	CHLA	Port Orford cedar
0071	LALA	tamarack
0073	LAOC	western larch
0081	CADE27	incense cedar
0090	PICEA	spruce spp.
0092	PIBR	Brewer spruce
0093	PIEN	Engelmann spruce
0094	PIGL	white spruce
0095	PIMA	black spruce
0100	PINUS	pine spp.
0101	PIAL	whitebark pine
0104	PIBA	foxtail pine
0105	PIBA2	jack pine
0108	PICO	lodgepole pine
0109	PICO3	Coulter pine
0110	PIEC2	shortleaf pine
0116	PIJE	Jeffrey pine
0117	PILA	sugar pine
0119	PIMO3	western white pine
0121	PIPA2	longleaf pine
0122	PIPO	ponderosa pine
0125	PIRE	red pine
0129	PIST	eastern white pine
0131	PITA	loblolly pine
0133	PIMO	singleleaf pinyon
0201	PSMA	bigcone Douglas-fir
0202	PSME	Douglas-fir
0212	SEGI2	giant sequoia
0241	THOC2	northern white cedar
0242	THPL	western red cedar
0261	TSCA	eastern hemlock
0263	TSHE	western hemlock