

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2008

TABLE 7

National Forest Land Planted with Known Seed Source

Region	Species	Selective Breeding	Seed Orchard	Select Tree	Seed			Other	Vegetative Material	Total
					Production Area	Seed Stand	Seed Zone			
1	LAOC	0	0	0	0	697	1,858	0	0	2,556
	PIAL	0	0	0	0	0	228	0	0	228
	PICO	0	0	0	0	20	731	0	0	751
	PIEN	0	0	0	0	34	591	0	0	626
	PIMO3	1,549	0	0	0	0	16	0	0	1,565
	PIPO	0	0	0	240	416	3,253	0	0	3,910
	PSME	19	0	0	0	118	1,796	0	0	1,932
	THPL	0	0	0	0	3	0	0	0	3
	TSME	0	0	0	0	7	0	0	0	7
Subtotal, R-1		1,567	0	0	240	1,294	8,475	0	0	11,576
2	PICO	0	0	58	0	0	196	0	0	254
	PIEN	0	0	0	0	0	199	0	0	199
	PIPO	0	0	478	0	0	1,041	0	0	1,519
	PSME	0	0	0	0	0	238	0	0	238
Subtotal, R-2		0	0	536	0	0	1,674	0	0	2,210
3	ABLAA	0	0	0	0	0	50	0	0	50
	PIPO	0	0	1,593	0	0	670	3	0	2,266
	PSME	0	0	53.6	0	0	0	0	0	54
Subtotal, R-3		0	0	1,647	0	0	720	3	0	2,370
4	ABLA	0	0	0	0	0	1	0	0	1
	LAOC	0	0	248	0	0	59	0	0	307
	PIAL	0	0	0	0	0	23	0	0	23
	PICEA	0	0	5	0	0	0	0	0	5
	PICO	0	0	0	0	0	356	0	0	356
	PIEN	0	0	1	0	0	363	0	0	364
	PIJE	0	0	82	0	0	0	0	0	82
	PIPO	0	0	306	0	216	1,587	0	0	2,109
	PSME	0	0	250	0	0	230	0	0	480
Subtotal, R-4		0	0	892	0	216	2,618	0	0	3,726
5	ABCO	0	0	93.7	0	0	288.3	0	0	382
	ABAM	0	0	54.7	0	0	0	0	0	54.7
	CADE27	0	0	20.1	0	0	111.6	0	0	131.7
	PIAT	0	0	0	0	0	4.3	0	0	4.3
	PICO3	0	0	0	0	0	177.4	0	0	177.4
	PIJE	0	352	566	16	0	2,123	0	0	3,057
	PILA	0	68	127	38	0	607	0	0	840
	PINUS	0	0	0	0	0	1.3	0	0	1.3
	PIPO	0	502	1,234	113	0	1,885	0	0	3,733
	PIWA	0	0	0	0	0	180	0	0	180
	PSME	0	240	185	0	23	0	0	0	448

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2008

TABLE 7

National Forest Land Planted with Known Seed Source

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					Production Area	Seed Stand	Seed Zone			
	SEG12	0	21	0	0	0	8	0	0	29
	Subtotal, R-5	0	1,183	2,280	167	23	5,386	0	0	9,039
6	ABCO	0	0	0	0	0	3	0	0	3
	ABGR	0	0	0	0	0	0	15	0	15
	ABPR	0	0	26	0	30	0	0	0	55
	ALRH2	0	0	0	0	0	0	4	0	4
	ARME	0	0	0	0	0	0	0	16	16
	CADE27	0	0	0	0	0	0	11	0	11
	CHLA	2	0	23	0	0	0	0	0	26
	LAOC	0	0	402	0	901	1,053	22	0	2,377
	PIAL	0	0	0	0	0	1	0	0	1
	PICO	0	0	0	0	0	60	0	0	60
	PIEN	0	0	15	0	341	62	0	0	418
	PILA	223	85	143	0	8	147	22	0	628
	PIMO	0	112	3	0	0	0	0	0	115
	PIMO3	150	279	73	144	4	439	107	0	1,195
	PIPO	212	0	2,709	0	3,008	5,915	147	0	11,991
	POBAT	0	0	0	0	0	0	2	0	2
	PSME	0	7	1,977	15	571	1,864	79	0	4,513
	THPL	0	0	10	0	0	50	22	0	82
	TSHE	0	0	0	0	0	31	1	0	32
	Subtotal, R-6	587	482	5,381	159	4,863	9,625	430	16	21,543
8	ACSA3	0	0	0	4	0	0	0	0	4
	CADE12	0	0	1	0	0	0	0	0	1
	JUCI	5	0	0	0	0	0	0	0	5
	PIEC2	0	2,232	0	15	0	99	143	0	2,489
	PIPA2	0	3,096	35	0	0	0	322	0	3,453
	PIST	0	7	0	0	0	0	0	0	7
	PITA	26	43	0	0	0	0	0	0	69
	POGR4	0	0	0	10	0	0	0	0	10
	PRSE2	0	0	0	8	0	0	0	0	8
	QUAL	0	0	0	0	0	0	4	0	4
	QUERC	0	0	0	0	0	227	0	0	227
	QUPH	0	0	0	0	0	27	0	0	27
	QURU	0	21	4	0	0	65	4	0	94
	QUTE	0	0	0	0	0	70.4	0	0	70.4
	QUVE	0	0	0	0	0	11	0	0	11
	Subtotal, R-8	31	5,399	40	37	0	499	473	0	6,480
9	ABBA	0	17	0	0	0	0	0	0	17
	ACSA2	0	0	0	0	0	0	2	0	2
	BEAL2	0	0	0	0	0	33	0	0	33

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FISCAL YEAR 2008

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					Production Area	Seed Stand	Seed Zone			
	BEPA	0	0	0	0	0	48	0	0	48
	CAIL2	0	0	0	0	0	0	21	0	21
	CAOV2	0	0	0	0	0	0	11	0	11
	CRATA	0	0	0	0	0	1	0	0	1
	GYDI	0	19	0	0	0	0	5	0	24
	JUNI	0	6	0	0	0	0	17	0	23
	LALA	0	59	5	0	0	91	0	0	155
	LARIX	0	1	0	0	0	0	0	0	1
	LITU	0	0	1	0	0	2	0	0	3
	MAAC	0	0	1	0	0	1	0	0	1
	PIBA2	0	275	0	0	329	1,956	453	0	3,012
	PIEC2	0	593	0	0	0	0	0	0	593
	PIGL	0	123	0	0	17	304	51	0	494
	PIMA	0	4	0	0	0	4	18	0	25
	PIRE	0	341	0	0	29	795	513	0	1,677
	PIST	64	746	6	281	1,640.6	641	600	0	2,337
	PLOC	0	0	0	0	0	0	6	0	6
	PRSE2	0	6	0	0	0	0	0	0	6
	QUAL	0	25	1	0	0	53	55	0	133
	QUBI	0	0	0	0	0	0	185	0	185
	QUMA2	0	25	0	0	0	0	0	0	25
	QUPA2	0	0	0	0	0	0	112	0	112
	QURU	0	0	7	0	4	332	55	0	397
	QUVE	0	0	0	0	0	0	19	0	19
	TADI2	0	0	0	0	0	0	75	0	75
	THOC2	0	7	0	9	2	0	0	0	18
	TSCA	0	2.7	8.5	0	0	13.5	0	0	24.7
	Subtotal, R-9	64	2,246	30	290	379	4,273	2,195	0	9,477
10		0	0	0	0	0	0	0	0	0
ALL		2,249	9,311	10,806	893	6,776	33,270	3,101	16	66,421
	Percent of Total	3.4	14.0	16.3	1.3	10.2	50.1	4.7	0.0	100.0

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2008

TABLE 8

SILVICULTURAL EXAMINATIONS AND PRESCRIPTIONS

ACRES

Region	Silvicultural Exam	Diagnosis	Prescription
	Act. 4310-4319	Act.4320-4329	Act. 4330-4339
1	96,754	39,775	33,291
2	126,728	85	257
3	3,595	2,921	2,584
4	23,903	7,985	5,088
5	587	385	1,050
6	26,278	321	8,286
8	139,215	334	2,471
9	50,117	0	8,808
10	5,841	0	63
ALL	473,018	51,806	61,898

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2008

TABLE 9

PLANTING

Activity Codes 4430-4449

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	3,023	2,503	2,981	0	0	3,069	11,576
2	561	926	41	0	0	931	2,459
3	1,229	201	3	0	0	1,122	2,555
4	195	876	555	0	0	2,100	3,726
5	89	4,849	1,754	0	0	2,359	9,051
6	3,943	11,484	3,704	0	0	2,561	21,692
8	891	1,684	3,013	0	0	891	6,479
9	3,267	1,079	3,805	0	0	1,337	9,488
10	0	0	0	0	0	0	0
ALL	13,198	23,602	15,856	0	0	14,370	67,026

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	439	0	1,834	0	0	0	2,273
9	270	309	425	0	0	0	1,004
10	0	0	0	0	0	0	0
ALL	709	309	2,259	0	0	0	3,277

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2008

TABLE 11

SITE PREPARATION FOR NATURAL REGENERATION

Activity Codes 4490-4499

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	0	137	210	0	11	415	773
2	175	213	1,166	0	0	53	1,607
3	0	293	0	0	0	116	409
4	342	2,440	461	0	0	1,270	4,513
5	0	0	243	0	0	0	243
6	674	2,285	1,045	0	0	0	4,004
8	1,649	715	7,993	0	0	15	10,372
9	1,488	1,661	11,773	136	0	946	16,004
10	98	0	0	0	0	0	98
ALL	4,426	7,744	22,891	136	11	2,815	38,023

TABLE 11A

NATURAL REGENERATION WITHOUT SITE PREPARATION

Activity Codes 4382

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	15,058	7,768	1,466	15	0	682	24,989
2	6,246	16,651	3,736	0	0	186	26,819
3	0	617	0	0	0	379	996
4	2,643	7,636	1,377	0	0	8	11,664
5	281	1,390	0	0	0	2,555	4,226
6	1,761	1,204	1,449	0	0	355	4,769
8	10,718	3,799	280	0	0	76	14,873
9	826	955	7,485	0	0	152	9,418
10	0	0	568	0	0	953	1,521
ALL	37,533	40,020	16,361	15	0	5,346	99,275

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2008

TABLE 12

SITE PREPARATION FOR PLANTING OR SEEDING

Activity Codes 4470-4489

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	0	73	1,350	0	25	1,002	2,450
2	0	5	25	0	0	12	42
3	0	0	0	0	0	87	87
4	189	321	257	0	6	145	918
5	0	165	561	0	0	164	890
6	292	280	687	0	0	625	1,884
8	326	2,088	7,975	198	0	1,491	12,078
9	275	445	3,523	0	0	0	4,243
10	0	0	0	0	0	0	0
ALL	1,082	3,377	14,378	198	31	3,526	22,592

TABLE 13

RELEASE AND WEEDING

Activity Codes 4510-4519

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	104	0	113	0	0	258	475
2	652	330	2,105	0	0	473	3,560
3	0	8	0	0	0	24	32
4	1,894	0	319	0	0	738	2,951
5	2,100	2,906	1,213	4	0	2,739	8,962
6	0	0	905	0	0	667	1,572
8	8,032	4,917	7,622	259	0	71	20,901
9	3,939	261	4,057	0	0	431	8,688
10	0	0	0	0	0	0	0
ALL	16,721	8,422	16,334	263	0	5,401	47,141

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2008

TABLE 14

PRECOMMERCIAL THINNING

Activity Codes 4520-4529

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	5,546	0	137	0	0	5,334	11,017
2	2,866	1,430	4,494	0	0	9,788	18,578
3	3,167	759	825	336	0	12,171	17,258
4	7,757	0	249	0	0	1,751	9,757
5	829	6,392	5,873	22	0	15,851	28,967
6	2,833	1,384	7,080	0	0	52,646	63,943
8	4,655	4,547	1,668	146	0	144	11,160
9	1,010	0	1,444	0	0	667	3,121
10	1,893	2,736	95	0	0	243	4,967
ALL	30,556	17,248	21,865	504	0	98,595	168,768

TABLE 15

PRUNING

Activity Codes 4530-4539

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	167	0	0	0	0	2,593	2,760
2	0	0	0	0	0	61	61
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	43	20	0	0	1,074	1,137
6	15	0	1,295	0	0	3,714	5,024
8	0	0	0	0	0	0	0
9	417	82	197	0	0	0	696
10	0	0	0	0	0	0	0
ALL	599	125	1,512	0	0	7,442	9,678

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2008

TABLE 16

FERTILIZATION OF ESTABLISHED STANDS

Activity Codes 4550-4559

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	0	0	36	0	0	0	36
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	30	0	0	226	256
8	0	0	0	0	0	6	6
9	0	0	28	0	0	0	28
10	0	0	0	0	0	0	0
ALL	0	0	94	0	0	232	326

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	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	314	0	289	0	0	0	603
9	0	0	33	0	0	36	69
10	0	0	0	0	0	0	0
ALL	314	0	322	0	0	36	672

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2008

TABLE 18

ANIMAL CONTROL FOR REFORESTATION

Activity Codes 4460-4469

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	Other	Total
1	711	1,054	1,019	0	222	116	3,122
2	0	0	0	0	0	0	0
3	0	143	0	0	0	0	143
4	0	558	174	0	9	7	748
5	118	280	76	0	0	0	474
6	710	2,893	924	0	0	1,005	5,532
8	2	0	0	0	0	0	2
9	768	2,021	2,874	0	0	50	5,713
10	0	0	0	0	0	0	0
ALL	2,309	6,949	5,067	0	231	1,178	15,734

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	129	0	0	0	0	129
6	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	373	941	1,212	0	0	125	2,651
10	0	0	0	0	0	0	0
ALL	373	1,070	1,212	0	0	125	2,780

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2008

TABLE 20

REGENERATION AND INTERMEDIATE HARVEST ACRES

	Clearcut	Prep cut	Seed cut	Removal cut	Selection cut	Improvement cut	Thinning	Sanitation cut	Special cut	Total
FACTS Code	4110-4119 4162-4177	4120-4129, 4192	4130-4139 4183,4194	4140-4149 4160,4186 4195,4196	4150-4159	4210-4219	4220-4229 4200,	4230-4239	4240-4249	4110-4249
Region										
1	2,301	815	2,006	19	485	2,550	3,711	2,032	594	14,513
2	1,966	769	3,329	6,956	1,107	252	10,575	4,207	620	29,781
3	0	305	65	0	688	0	13,199	2,441	0	16,698
4	3,451	248	279	105	570	207	2,441	1,288	30	8,619
5	133	0	0	166	1,109	21	13,112	2,775	4,423	21,739
6	143	610	1,317	258	2,817	433	18,339	1,644	125	25,686
8	5,656	243	4,879	480	629	0	29,147	3,222	128	44,384
9	10,824	501	4,341	1,407	7,656	623	13,608	3,829	522	43,311
10	590	0	0	0	0	0	0	0	0	590
ALL	25,064	3,491	16,216	9,391	15,061	4,086	104,132	21,438	6,442	205,321

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2008

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 Reforestaion	Cleaning	Release	Pre. Comm. Thinning	Fertilization	Pruning	Total TSI
1	7,876	0	220	24,989	33,085	0	408	5,856	0	1,974	8,238
2	1,513	0	358	26,819	28,690	0	1,587	3,320	0	0	4,907
3	640	0	0	996	1,636	0	0	5,361	0	0	5,361
4	1,256	0	1,756	11,664	14,676	0	988	11,896	0	0	12,884
5	746	0	45	4,226	5,017	0	1,803	4,692	0	319	6,814
6	3,629	0	476	4,769	8,874	0	142	5,124	184	1,523	6,973
8	5,175	1,123	3,361	14,873	24,532	0	15,217	5,460	0	0	20,677
9	2,942	47	8,969	9,418	21,376	0	5,420	841	0	458	6,719
10	0	0	0	1,521	1,521	0	0	817	0	0	817
ALL	23,777	1,170	15,185	99,275	139,407	0	25,565	43,367	184	4,274	73,390

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2008

APPENDIX A

Hardwoods

Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name
0317	ACSA2	Silver maple
0318	ACSA3	Sugar maple
0352	ALRH2	White alder
0361	ARME	Pacific madrone
0371	BEAL2	Yellow birch
0375	BEPA	Paper birch
0404	CAIL2	Pecan
0407	CAOV2	Shagbark hickory
0421	CADE12	American chestnut
0500	CRATA	Hawthorn
0571	GYDI	Kentucky coffee tree
0601	JUCI	Butternut
0602	JUNI	Black walnut
0621	LITU	Tuliptree
0651	MAAC	Cucumber-tree
0731	PLOC	American sycamore
0743	POGR4	Bigtooth aspen
0747	POBAT	Black cottonwood
0762	PRSE2	Black cherry
0800	QUERC	Oak species
0802	QUAL	White oak
0804	QUBI	Swamp white oak
0823	QUMA2	Bur oak
0828	QUTE	Nuttall oak
0830	QUPA2	Pin oak
0831	QUPH	Willow oak
0833	QURU	Northern red oak
0837	QUVE	Black oak

Conifers

Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name
0011	ABAM	Pacific silver fir
0012	ABBA	Balsam fir
0015	ABCO	White fir
0017	ABGR	Grand fir
0018	ABLAA	Corkbark fir
0019	ABLA	Subalpine fir
0022	ABPR	Noble fir
0041	CHLA	Port Orford cedar
0070	LARIX	Larch
0071	LALA	Tamarack
0073	LAOC	Western larch
0081	CADE27	Incense cedar
0090	PICEA	Spruce spp.
0093	PIEN	Engelmann spruce
0094	PIGL	White spruce
0095	PIMA	Black spruce
0100	PINUS	Pine spp.
0101	PIAL	Whitebark pine
0103	PIAT	Knobcone 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
0137	PIWA	Washoe pine
0202	PSME	Douglas-fir
0212	SEGI2	Giant sequoia
0221	TADI2	Bald cypress
0241	THOC2	Northern white cedar
0242	THPL	Western red cedar
0261	TSCA	Eastern hemlock
0263	TSHE	Western hemlock
0264	TSME	Mountain hemlock