

## ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2015

TABLE 7

## National Forest Land Planted with Known Seed Source

Region	Species	Selective Breeding	Seed Orchard	Select Tree	Seed Production Area	Seed Stand	Seed Zone	Other	Vegetative Material	Total
1	FRPE	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	6.5
	LAOC	76.5	0.0	0.0	0.0	886.7	903.4	0.0	0.0	1,866.6
	PIAL	0.0	0.0	176.0	21.3	41.1	541.2	0.0	0.0	779.6
	PICO	0.0	0.0	0.0	0.0	50.2	792.6	0.0	0.0	842.8
	PIEN	0.0	0.0	0.0	0.0	76.7	75.1	0.0	0.0	151.8
	PIMO3	1,061.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,061.8
	PIPO	21.0	0.0	0.0	0.0	645.1	1,661.1	0.0	0.0	2,327.2
	PSME	11.5	0.0	0.0	0.0	192.7	349.4	0.0	0.0	553.6
	Subtotal, R-1	1,170.8	0.0	176.0	21.3	1,892.5	4,329.3	0.0	0.0	7,590
2	PICO	0.0	0.0	0.0	0.0	0.0	78.4	0.0	0.0	78.4
	PIEN	0.0	0.0	598.0	0.0	0.0	1,423.8	7.0	0.0	2,028.8
	PIFL2	0.0	0.0	11.7	0.0	0.0	8.1	0.0	0.0	19.8
	PIPO	0.0	0.0	0.0	0.0	0.0	1,348.1	0.0	0.0	1,348.1
	PSME	0.0	0.0	0.0	0.0	0.0	332.9	0.0	0.0	332.9
Subtotal, R-2	0.0	0.0	609.7	0.0	0.0	3,191.3	7.0	0.0	3,808.0	
3	PIPO	0.0	0.0	0.0	0.0	0.0	1,260.0	0.0	0.0	1,260.0
	Subtotal, R-3	0.0	0.0	0.0	0.0	0.0	1,260.0	0.0	0.0	1,260.0
4	LAOC	0.0	0.0	0.0	0.0	0.0	82.0	0.0	0.0	82.0
	PIAL	0.0	0.0	76.0	0.0	0.0	157.0	0.0	0.0	233.0
	PICO	0.0	0.0	0.0	0.0	0.0	41.0	0.0	0.0	41.0
	PIEN	0.0	0.0	41.0	0.0	27.0	0.0	0.0	0.0	68.0
	PIPO	0.0	0.0	0.0	0.0	0.0	2,826.5	0.0	0.0	2,826.5
	PSME	0.0	0.0	0.0	0.0	0.0	62.5	0.0	0.0	62.5
Subtotal, R-4	0.0	0.0	117.0	0.0	27.0	3,169.0	0.0	0.0	3,313.0	
5	ABCO	0.0	25.6	0.1	0.0	0.0	11.4	0.0	0.0	37.1
	ABMA	0.0	0.0	13.3	0.8	0.0	0.0	0.0	0.0	14.1
	CADE27	0.0	25.3	62.0	0.0	0.0	54.1	0.0	0.0	141.4
	PICO	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	9.5
	PICO3	0.0	0.0	0.0	0.0	0.0	817.5	0.0	0.0	817.5
	PIJE	0.0	163.3	808.6	6.6	0.0	769.6	190.9	0.0	1,939.0
	PILA	0.0	28.6	97.8	350.4	0.0	308.2	262.6	0.0	1,047.6
	PIMO3	0.0	17.5	0.0	0.0	0.0	27.0	0.0	0.0	44.5
	PIPO	0.0	1,696.3	320.5	39.8	135.2	3,000.5	264.3	0.0	5,456.6
	PISMA	0.0	0.0	0.0	14.2	0.0	449.2	0.0	0.0	463.4
	PSME	0.0	614.9	108.3	24.2	4.3	5.7	141.4	0.0	898.8
Subtotal, R-5	0.0	2,571.5	1,410.6	436.0	139.5	5,452.7	859.2	0.0	10,869.5	
6	ABPR	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
	LAOC	0.0	0.0	172.5	0.0	111.2	255.3	0.0	0.0	539.0
	PILA	50.1	0.0	18.4	0.0	0.0	44.5	0.0	0.0	113.0



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	ALL	1,802.9	10,217.1	7,683.9	1,076.3	2,777.5	26,851.9	1,966.4	0.0	52,376.0
	Percent of Total	3.4	19.5	14.7	2.1	5.3	51.3	3.8	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	51,782	7,041	26,493
2	9,927	0	0
3	21,860	63	6,685
4	4,699	4,383	7,245
5	13	26	7,502
6	7,832	254	1,307
8	66,407	0	27,144
9	34,455	0	81
10	6,210	0	0
ALL	203,185	11,767	76,457

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TABLE 9

**PLANTING**

Activity Codes 4430-4449

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	2,971	2,118	0	0	1,494	1,007	7,590
2	299	3,208	279	0	0	0	990	4,776
3	0	774	0	0	0	0	1,762	2,536
4	0	743	27	10	0	2,492	41	3,313
5	1,283	10,639	942	0	0	0	1,980	14,844
6	1,114	12,622	747	0	0	0	2,859	17,342
8	50	2,048	3,075	10	0	0	1,330	6,513
9	1,893	1,712	2,943	0	0	0	774	7,322
10	23	0	0	0	0	0	0	23
ALL	4,662	34,717	10,131	20	0	3,986	10,743	64,259

TABLE 10

**SEEDING**

Activity Codes 4410-4429

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
8	0	353	1,296	0	0	0	0	1,649
9	324	48	519	0	0	0	78	969
10	25	0	0	0	0	0	0	25
ALL	349	401	1,815	0	0	0	78	2,643

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TABLE 11

**SITE PREPARATION FOR NATURAL REGENERATION**

Activity Codes 4490-4499

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	207	0	3	33	962	1,205
2	181	4	650	0	110	0	951	1,896
3	0	0	0	0	0	1,043	0	1,043
4	0	1,200	0	35	0	0	0	1,235
5	0	0	0	0	0	0	116	116
6	22	2,894	162	0	0	0	1,879	4,957
8	2,249	2,456	4,448	0	0	0	372	9,525
9	1,575	1,178	12,842	0	0	0	4,070	19,665
10	0	0	0	0	0	0	0	0
ALL	4,027	7,732	18,309	35	113	1,076	8,350	39,642

TABLE 11A

**NATURAL REGENERATION WITHOUT SITE PREPARATION**

Activity Codes 4382

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	10,023	0	0	0	4,168	60	14,251
2	2,420	17,315	902	0	0	0	2,640	23,277
3	0	13,806	0	0	0	0	0	13,806
4	0	9,019	43	0	0	558	0	9,620
5	348	791	0	0	0	0	92	1,231
6	1,221	12,407	472	0	0	0	0	14,100
8	8	1,953	49	0	0	0	0	2,010
9	1,489	378	4,000	0	0	0	697	6,564
10	7	0	1,471	0	0	0	0	1,478
ALL	5,493	65,692	6,937	0	0	4,726	3,489	86,337

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TABLE 12

**SITE PREPARATION FOR PLANTING OR SEEDING**

Activity Codes 4470-4489

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	5	0	943	0	0	44	599	1,591
2	0	7	0	0	0	0	0	7
3	0	0	0	0	0	0	0	0
4	0	385	0	143	0	253	0	781
5	2,403	1,722	192	0	0	0	4,666	8,983
6	25	80	138	0	0	0	90	333
8	439	1,340	6,828	124	0	0	2,643	11,374
9	1,487	231	1,719	0	0	0	878	4,315
10	0	0	0	0	0	0	0	0
ALL	4,359	3,765	9,820	267	0	297	8,876	27,384

TABLE 13

**RELEASE AND WEEDING**

Activity Codes 4510-4519

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	60	0	0	9	497	566
2	261	830	661	0	0	0	6,902	8,654
3	0	0	0	0	0	185	2,628	2,813
4	0	0	261	495	0	1,402	639	2,797
5	1,160	4,609	104	0	0	0	3,657	9,530
6	254	393	987	0	0	0	266	1,900
8	13,363	7,104	5,447	0	0	0	3,398	29,312
9	6,106	2,106	1,608	411	0	0	6,130	16,361
10	0	0	0	0	0	0	0	0
ALL	21,144	15,042	9,128	906	0	1,596	24,117	71,933

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TABLE 14

**PRECOMMERCIAL THINNING**

Activity Codes 4520-4529

ACRES

Region	NFWW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	1,706	27	0	0	2,004	5,696	9,433
2	4,607	1,080	2,857	0	0	0	10,536	19,080
3	0	703	70	125	0	17,906	8,467	27,271
4	0	334	12	103	0	390	604	1,443
5	2,335	1,330	1,400	20	0	0	21,203	26,288
6	1,952	2,362	5,390	33	64	0	29,931	39,732
8	3,881	587	1,427	0	0	0	3,480	9,375
9	1,543	0	593	0	0	0	131	2,267
10	2,453	3,048	402	0	0	0	467	6,370
ALL	16,771	11,150	12,178	281	64	20,300	80,515	141,259

TABLE 15

**PRUNING**

Activity Codes 4530-4539

ACRES

Region	NFWW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	0	0	0	1,051	2,681	3,732
2	0	0	0	0	0	0	0	0
3	0	2	0	0	0	0	18	20
4	0	0	0	0	0	0	0	0
5	0	235	0	0	0	0	277	512
6	104	0	340	0	0	0	818	1,262
8	0	0	0	0	0	0	0	0
9	542	62	14	0	0	0	250	868
10	0	0	0	0	0	0	136	136
ALL	646	299	354	0	0	1,051	4,180	6,530



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TABLE 16

**FERTILIZATION OF ESTABLISHED STANDS**

Activity Codes 4550-4559

ACRES

Region	NFWW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	0	0	0	75	0	75
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	324	324
8	0	0	0	0	0	0	323	323
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	75	647	722

TABLE 17

**PRESCRIBED BURNING TO CONTROL UNDERSTORY**

Activity Codes 4541

ACRES

Region	NFWW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	4,031	0	4,031
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	751	751
8	0	321	605	0	0	0	0	926
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
ALL	0	321	605	0	0	4,031	751	5,708

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TABLE 18

**ANIMAL CONTROL FOR REFORESTATION**

Activity Codes 4460-4469

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	499	276	0	0	240	126	1,141
2	37	0	0	0	0	0	0	37
3	0	0	0	0	0	4	0	4
4	0	230	673	0	0	0	44	947
5	99	198	0	0	0	0	466	763
6	200	1,887	442	0	0	0	21	2,550
8	0	0	0	0	0	0	0	0
9	1,022	1,143	599	0	0	0	4139	6,903
10	0	0	0	0	0	0	0	0
ALL	1,358	3,957	1,990	0	0	244	4,796	12,345

TABLE 19

**ANIMAL CONTROL FOR TIMBER STAND IMPROVEMENT**

Activity Codes 4560-4569

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	3	0	0	0	0	3
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	127	57	105	0	0	0	375	664
10	0	0	0	0	0	0	0	0
ALL	127	57	108	0	0	0	375	667

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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
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	1,553	26	2,505	527	487	1,758	2,751	1,064	63	10,734
2	2,424	30	4,033	4,075	3,241	614	10,690	2,011	4	27,122
3	25	0	0	0	1,399	0	13,660	2,370	0	17,454
4	715	157	186	129	212	444	2,260	2,793	15	6,911
5	1,256	0	0	0	173	0	4,099	6,888	0	12,416
6	197	0	356	146	3,554	445	34,354	2,173	93	41,318
8	5,793	55	4,130	1,145	336	163	30,982	2,026	69	44,699
9	10,285	145	4,262	1,811	7,142	633	15,058	3,206	221	42,763
10	579	0	0	47	689	0	0	31	0	1,346
ALL	22,827	413	15,472	7,880	17,233	4,057	113,854	22,562	465	204,763

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TABLE 21

CERTIFICATION OF REFORESTATION AND TIMBER STAND IMPROVEMENT ACREAGES

Region	Reforestation					Timber Stand Improvement					Total TSI
	Planted	Seeded	Natural Regen W/Site Preparation	Natural Regen W/O Site Preparation	Total Reforestation	Cleaning	Release	Pre. Comm. Thinning	Fertilization	Pruning	
1	5,047	0	294	14,251	19,592	0	857	9,315	75	3,399	13,646
2	1,374	0	592	23,277	25,243	0	6,372	16,675	0	0	23,047
3	30	0	0	13,806	13,836	0	3,005	12,422	0	0	15,427
4	3,422	0	749	9,620	13,791	0	2,732	1,932	0	0	4,664
5	560	0	0	1,231	1,791	0	7,442	18,014	0	347	25,803
6	5,084	0	237	14,100	19,421	0	3,523	40,394	0	883	44,800
8	2,309	0	3,189	2,010	7,508	0	18,604	4,621	323	0	23,548
9	5,720	1,439	11,411	6,564	25,134	0	12,496	1,449	0	515	14,460
10	0	0	97	1,478	1,575	0	0	8,325	0	295	8,620
ALL	23,546	1,439	16,569	86,337	127,891	0	55,031	113,147	398	5,439	174,015

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APPENDIX A

**Hardwoods**

Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name
0371	BEAL2	Yellow birch
0375	BEPA	Paper birch
544	FRPE	Green ash
0651	MAAC	Cucumber tree
0762	PRSE2	Black cherry
0800	QUERC	Quercus spp
0802	QUAL	White oak
0822	QULY	Quercus spp
0823	QUMA2	Bur oak
0823	QUMA2	Bur oak
0828	QUTE	Texas red oak
0830	QUPA2	Pin oak
0832	QUPR2	Chestnut oak
0833	QURU	Northern red oak
0837	QUVE	Black oak
0935	SOAM3	American mountain ash

**Conifers**

Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name
0012	ABBA	Balsam fir
0015	ABCO	White fir
0020	ABMA	California red fir
0022	ABPR	Noble fir
0071	LALA	Tamarack
0073	LAOC	Western larch
0081	CADE27	Incense cedar
0093	PIEN	Engelmann spruce
0094	PIGL	White spruce
0095	PIMA	Black spruce
0100	PINUS	Pine spp.
0101	PIAL	Whitebark pine
0105	PIBA2	Jack pine
0107	PICL	Sand pine
0108	PICO	Lodgepole pine
0109	PICO3	Coulter pine
0110	PIEC2	Shortleaf pine
0113	PIFL2	Limber 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
0126	PIRI	Pitch pine
0129	PIST	Eastern white pine
0131	PITA	Loblolly pine
0202	PSME	Douglas-fir
0241	THOC2	Northern white cedar
0242	THPL	Western red cedar
0261	TSCA	Eastern hemlock