

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2023

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	LAOC	881	0	0	0	807	1,111	0	0	2,799
	PIAL	5	0	0	195	106	190	0	0	496
	PICO	0	0	0	0	25	138	0	0	163
	PIEN	0	0	0	0	37	151	0	0	188
	PIFL2	0	0	0	0	0	12	0	0	12
	PIGL	0	0	0	0	28	0	0	0	28
	PIMO3	2,151	12	0	0	3	132	0	0	2,298
	PIPO	2,154	0	67	98	695	1,064	0	0	4,078
	PSME	0	0	0	0	13	113	0	0	126
	THPL	0	0	0	0	4	9	0	0	12
Subtotal, R-1		5,191	12	67	293	1,718	2,919	0	0	10,199
2	PICO	0	0	248	0	0	667	8	0	923
	PIEN	0	0	0	0	0	1,031	0	0	1,031
	PIPO	0	0	759	0	0	332	0	0	1,091
	PSME	0	0	0	0	0	175	0	0	175
Subtotal, R-2		0	0	1,007	0	0	2,206	8	0	3,221
3	PIEN	0	0	197	0	0	0	0	0	197
	PIPO	0	0	290	0	45	26	507	0	868
	PIST3	0	0	22	0	0	0	23	0	45
	PSME	0	0	240	0	0	28	133	0	400
	QUGA	0	0	0	0	0	0	0	0	0
Subtotal, R-3		0	0	748	0	45	54	663	0	1,510
4	LAOC	0	0	0	0	0	407	0	0	407
	PIAL	0	0	0	0	90	115	0	0	205
	PICO	0	0	3	0	0	267	0	0	270
	PIEN	0	0	0	0	0	93	0	0	93
	PIPO	0	232	105	0	0	3,348	0	0	3,685
	PSME	0	0	0	0	0	442	0	0	442
Subtotal, R-4		0	232	108	0	90	4,671	0	0	5,102
5	ABCO	0	0	114	0	0	4	0	0	118
	ABIES	0	0	5	0	0	0	0	0	5
	ABMA	0	0	36	0	0	0	0	0	36
	CADE27	0	0	127	0	0	102	0	0	230
	PICO3	0	0	0	0	0	484	0	0	484
	PIJE	0	246	424	0	0	125	0	0	794
	PILA	4	221	473	22	0	196	0	0	917
	PIMO3	0	0	1	0	0	0	0	0	1
	PIPO	0	1,669	2,857	0	0	1,221	0	0	5,747
	PSME	0	232	516	0	0	200	0	0	948
	SEG12	0	0	4	0	0	62	0	0	65
Subtotal, R-5		4	2,367	4,557	22	0	2,394	0	0	9,346

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2023

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
6	ABAM	0	0	0	0	0	36	0	0	36
	ABCO	0	0	0	0	0	12	0	0	12
	ABGR	0	0	2	0	0	0	0	0	2
	ABPR	0	359	0	0	0	443	0	0	801
	ABSH	0	0	0	0	0	4	0	0	4
	ACMA3	0	0	2	0	0	3	0	0	5
	CADE27	0	0	0	0	0	113	0	0	113
	CHILA	327	0	0	0	0	0	0	0	327
	LAOC	34	105	12	0	0	967	13	0	1,131
	PIAL	0	0	3	0	0	0	0	0	3
	PIEN	0	0	0	0	0	7	0	0	7
	PILA	0	0	146	0	0	6	0	0	152
	PIMO	0	0	8	0	0	744	0	0	752
	PIMO3	270	720	90	52	0	22	13	0	1,166
	PIPO	691	0	1	611	420	4,411	18	0	6,152
	PISI	0	0	0	0	0	6	0	0	6
	POAN3	0	0	0	0	0	14	0	0	14
	PSME	0	1,305	47	0	0	2,658	13	0	4,023
	SALIX	0	0	0	0	0	27	0	0	27
	THPL	0	716	175	0	7	483	5	0	1,386
TSHE	0	0	287	0	55	229	0	0	571	
TSME	0	0	0	0	0	20	0	0	20	
Subtotal, R-6		1,322	3,205	772	663	482	10,205	62	0	16,711
8	PIEC2	40	1,605	0	0	0	0	0	0	1,645
	PINUS	0	95	0	0	0	0	0	0	95
	PIPA2	0	4,634	640	95	204	897	0	0	6,470
	PIPU5	0	26	0	0	0	0	0	0	26
	PIRI	0	26	0	0	0	0	0	0	26
	PITA	0	269	0	0	0	0	0	0	269
	QUAL	0		0	0	0	0	0	0	0
	QURU	0	153	0	0	0	0	0	0	153
Subtotal, R-8		40	6,807	640	95	204	897	0	0	8,683
9	ABBA	0	0	0	12	0	0	12	0	24
	ACSA2	0	0	0	0	0	0	23	0	23
	BEAL2	0	0	0	0	0	88	14	0	102
	BEPA	0	0	0	0	0	15	0	0	15
	CADE12	0	0	0	0	0	0	0	0	0
	CEOC	0	0	0	0	0	0	34	0	34
	LALA	0	7	0	27	0	8	34	0	76
	LITU	0	0	0	0	0	0	79	0	79.0
	PIBA2	0	133	1,438	37	0	422	534	0	2,565
	PICEA	0	0	0	0	6	0	0	0	6

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2023

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
	PIEC2	0	116	0	0	0	12	0	0	128
	PIGL	0	67	0	54	5	71	163	0	360
	PIMA	0	62	0	34	0	16	68	0	181
	PIRE	0	246	329	31	57	417	225	0	1,304
	PIRU	0	0	0	0	0	0	79	0	79
	PIST	13	1,126	35	102	0	464	444	0	2,185
	POGR4	0	0	0	0	0	0	79	0	79
	PRSE2	0	0	0	0	0	0	132	0	132
	QUAL	0	0	0	0	0	0	4	0	4
	QUBI	0	0	0	0	0	0	23	0	23
	QUMA2	0	0	0	1	0	105	10	0	116
	QURU	0	0	0	0	0	38	104	0	142
	THOC2	0	0	7	4	0	10	2	0	23
	TSCA	0	0	0	0	0	133	2	0	135
Subtotal, R-9		13	1,758	1,809	300	68	1,800	2,066	0	7,813
10		0	0	0	0	0	0	0	0	0
Subtotal, R-10		0	0	0	0	0	0	0	0	0
ALL		6,570	14,380	9,709	1,374	2,607	25,146	2,799	0	62,585
Percent of Total		10.5	23.0	15.5	2.2	4.2	40.2	4.5	0.0	100.0

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2023

TABLE 8

SILVICULTURAL EXAMINATIONS AND PRESCRIPTIONS

ACRES

Region	Silvicultural Exam Act. 4310-4319	Diagnosis Act. 4320-4329	Prescription Act. 4330-4339
1	23,648	28,582	12,554
2	13,194	0	0
3	2,991	39,687	17,537
4	8,254	2,605,571	3,290
5	3,292	8,330	8,772
6	8,448	200,437	859
8	14,157	0	0
9	21,550	0	0
10	1,523	0	543
ALL	97,057	2,882,606	43,555

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2023

TABLE 9

PLANTING

Activity Codes 4430-4449

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	26	4,901	2,438	37	0	0	2,797	15,127
2	0	3,436	0	0	0	0	203	7,076
3	0	1,520	0	0	0	0	0	3,040
4	0	4,276	6	0	0	0	820	9,378
5	0	3,040	0	0	0	0	6,465	12,546
6	0	6,786	799	0	0	0	9,126	23,496
8	0	3,762	2,469	206	0	0	2,366	12,566
9	253	2,966	1,971	250	0	0	2,375	11,033
10	0	0	0	0	0	0	0	0
ALL	279	30,688	7,683	493	0	0	24,152	94,262

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	108	108
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	7,330	7,330
8	0	0	0	0	0	0	0	0
9	0	37	14	0	0	0	0	88
10	0	0	0	0	0	0	0	0
ALL	0	37	14	0	0	0	7,438	7,526

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2023

TABLE 11

SITE PREPARATION FOR NATURAL REGENERATION

Activity Codes 4490-4499

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	98	0	0	0	279	377
2	0	112	181	0	0	0	0	294
3	0	0	0	0	0	0	6,866	6,866
4	0	354	1	0	0	0	0	355
5	0	81	0	0	0	0	0	81
6	0	0	39	0	0	0	661	700
8	10	2,596	2,492	0	0	0	57	5,154
9	326	2,978	8,402	312	0	0	4,623	16,641
10	0	0	0	0	0	0	0	0
ALL	336	6,122	11,213	312	0	0	12,486	30,468

TABLE 11A

NATURAL REGENERATION WITHOUT SITE PREPARATION

Activity Codes 4382

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	738	11,063	1,619	0	0	2,945	7,169	23,533
2	0	3,006	4,020	0	0	0	24,388	31,413
3	0	3,216	0	0	0	0	107	3,323
4	40	3,276	651	0	0	0	203	4,170
5	0	0	89	0	0	0	0	89
6	0	4,740	0	0	0	0	708	5,448
8	127	0	86	0	0	0	0	213
9	567	1,349	5,261	0	0	0	1,710	8,887
10	0	261	177	0	0	0	0	438
ALL	1,472	26,910	11,903	0	0	2,945	34,285	77,515

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2023

TABLE 12

SITE PREPARATION FOR PLANTING OR SEEDING

Activity Codes 4470-4489

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	1,578	0	11	0	811	2,399
2	0	156	0	0	0	0	0	156
3	0	921	0	0	0	0	1,024	1,945
4	0	0	0	0	0	0	0	0
5	0	2,287	0	0	0	0	3,039	5,326
6	1	369	35	0	0	0	184	589
8	0	2,018	3,559	0	0	0	1,556	7,133
9	120	1,183	1,227	131	0	0	1,295	3,956
10	0	0	0	0	0	0	0	0
ALL	121	6,935	6,398	131	11	0	7,908	21,504

TABLE 13

RELEASE AND WEEDING

Activity Codes 4510-4519

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	33	29	215	0	0	0	1,174	1,452
2	0	304	132	0	0	0	2,343	2,779
3	61	21	0	0	0	0	8,710	8,792
4	0	308	231	0	0	0	1,403	1,941
5	0	2,847	39	0	0	0	4,971	7,858
6	0	195	418	0	0	0	1,238	1,851
8	126	6,020	2,575	349	0	0	1,502	10,572
9	1,316	2,871	1,223	17	0	0	6,005	11,432
10	0	0	0	0	0	0	0	0
ALL	1,536	12,595	4,832	366	0	0	27,346	46,676

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2023

TABLE 14

PRECOMMERCIAL THINNING

Activity Codes 4520-4529

ACRES

Region	NFWW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	180	2	0	604	0	0	4,367	5,153
2	591	6,214	3,639	0	0	0	4,525	14,968
3	0	458	0	0	0	0	16,744	17,202
4	0	280	0	0	0	0	4,383	4,663
5	0	478	0	0	0	0	6,988	7,467
6	1,041	1,131	1,497	0	0	0	36,392	40,062
8	512	6,708	1,304	335	0	0	448	9,307
9	37	377	1,274	0	0	0	706	2,394
10	149	3,607	2	126	0	0	362	4,246
ALL	2,510	19,255	7,716	1,065	0	0	74,916	105,461

TABLE 15

PRUNING

Activity Codes 4530-4539

ACRES

Region	NFWW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	0	0	0	0	375	375
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	380	0	0	0	0	1,061	1,441
6	0	0	14	0	0	0	309	323
8	0	0	0	0	0	0	0	0
9	0	28	0	0	0	0	1,507	1,535
10	0	7	0	0	0	0	0	7
ALL	0	415	14	0	0	0	3,252	3,681

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2023

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	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	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0

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	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
8	0	0	10	0	0	0	34	44
9	0	0	13	0	0	0	0	13
10	0	0	0	0	0	0	0	0
ALL	0	0	23	0	0	0	34	57

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2023

TABLE 18

ANIMAL CONTROL FOR REFORESTATION

Activity Codes 4460-4469

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	1,071	160	0	0	0	938	2,169
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	1,154	382	3	0	0	1,865	3,404
8	0	0	0	0	0	0	0	0
9	0	930	486	0	0	0	1,048	2,464
10	0	0	0	0	0	0	0	0
ALL	0	3,155	1,028	3	0	0	3,851	8,037

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	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	2	0	0	0	0	2
8	0	0	0	0	0	0	0	0
9	0	6	130	0	0	0	1,068	1,204
10	0	0	0	0	0	0	0	0
ALL	0	6	132	0	0	0	1,068	1,206

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2023

TABLE 20

REGENERATION AND INTERMEDIATE HARVEST ACRES

	Clearcut	Prep cut	Seed cut	Removal cut	Selection cut	Improvement cut	Thinning	Sanitation cut	Special cut	Total
	4110-4119	4120-4129,	4130-4139	4140-4149	4150-4159	4200,	4220-4229	4230-4239	4240-4249	4110-4249
FACTS Code	4162-4177	4192	4183,4194	4160,4186 4195,4196						
Region										
1	3,679	0	3,514	491	7	2,645	3,700	945	116	15,098
2	5,110	0	3,018	4,846	4,574	2,219	2,721	564	374	23,426
3	0	0	0	0	3,286	3,793	9,628	11	0	16,718
4	1,217	0	0	588	1,977	657	2,664	1,275	0	8,379
5	460	0	0	0	1,312	309	8,686	10,912	0	21,680
6	524	0	704	398	2,047	812	29,843	6,526	0	40,854
8	6,593	93	2,153	1,563	75	41	28,375	3,439	176	42,507
9	11,356	223	4,875	2,375	9,491	446	17,929	6,801	554	54,050
10	823	0	0	189	23	0	7	0	0	1,042
ALL	29,762	316	14,264	10,449	22,793	10,923	103,553	30,473	1,220	223,753

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2023

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	6,952	0	1,211	23,534	31,696	0	1,452	5,153	0	375	6,979
2	372	0	469	31,413	32,255	0	2,779	14,968	0	0	17,748
3	1,043	0	0	3,323	4,366	0	8,792	17,202	0	0	25,994
4	1,600	0	351	4,170	6,121	0	1,941	4,663	0	0	6,604
5	0	0	0	89	89	0	7,858	7,467	0	1,441	16,765
6	11,587	3	230	5,448	17,268	0	1,851	40,062	0	323	42,236
8	2,216	0	1,809	213	4,238	0	10,572	9,345	0	0	19,917
9	1,990	517	12,081	8,887	23,475	0	11,432	2,394	0	1,535	15,361
10	152	0	0	438	590	0	0	4,246	0	7	4,253
ALL	25,912	520	16,152	77,515	120,099	0	46,676	105,499	0	3,680	155,855

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2023

APPENDIX A

Hardwoods

Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name
312	ACMA3	Bigleaf Maple
317	ACSA2	Silver Maple
371	BEAL2	Yellow Birch
375	BEPA	Paper Birch
421	CADE12	American Chestnut
462	CEOC	Common Hackberry
621	LITU	Tuliptree
743	POGR4	Bigtooth Aspen
746	POTR5	Quaking Aspen
749	POAN3	Narrowleaf Cottonwood
762	PRSE2	Black Cherry
802	QUAL	White Oak
804	QUBI	Swamp White Oak
814	QUGA	Gambel Oak
823	QUMA2	Bur Oak
833	QURU	Northern Red Oak
920	SALIX	Willow

Conifers

Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name
10	ABIES	Fir
11	ABAM	Pacific Silver Fir
12	ABBA	Balsam Fir
15	ABCO	White Fir
17	ABGR	Grand Fir
20	ABMA	California Red Fir
21	ABSH	Shasta Red Fir
22	ABPR	Noble Fir
41	CHLA	Port Orford Cedar
71	LALA	Tamarack
73	LAOC	Western Larch
81	CADE27	Incense Cedar
90	PICEA	Spruce
93	PIEN	Engelmann Spruce
94	PIGL	White Spruce
95	PIMA	Black Spruce
97	PIRU	Red Spruce
98	PISI	Sitka Spruce
100	PINUS	Pine
101	PIAL	Whitebark Pine
105	PIBA2	Jack Pine
108	PICO	Lodgepole Pine
109	PICO3	Coulter Pine
110	PIEC2	Shortleaf Pine
113	PIFL2	Limber Pine
114	PIST3	Southwestern White P
116	PIJE	Jeffrey Pine
117	PILA	Sugar Pine
119	PIMO3	Western White Pine
121	PIPA2	Longleaf Pine
122	PIPO	Ponderosa Pine
123	PIPU5	Table Mountain Pine
125	PIRE	Red Pine
126	PIRI	Pitch Pine
129	PIST	Eastern White Pine
131	PITA	Loblolly Pine
133	PIMO	Singleleaf Pinyon
202	PSME	Douglas-Fir
212	SEGI2	Giant Sequoia
241	THOC2	Arborvitae
242	THPL	Western Red Cedar
261	TSCA	Eastern Hemlock
263	TSHE	Western Hemlock

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2023

264

TSME

Mountain Hemlock