

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2024

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	1,508	8	0	103	1,231	868	0	0	3,718
	PIAL	1	3	0	240	95	137	0	0	475
	PICO	0	0	0	0	0	284	0	0	284
	PIEN	0	0	0	32	85	42	0	0	158
	PIFL2	0	0	0	0	0	3	0	0	3
	PIMO3	2,567	151	47	15	31	53	0	0	2,864
	PIPO	2,579	26	138	207	887	453	0	0	4,291
	PSME	0	0	12	0	60	171	0	0	242
	THPL	0	0	0	0	2	10	0	0	12
Subtotal, R-1		6,655	188	198	596	2,391	2,020	0	0	12,048
2	PIAL	0	0	0	0	0	5.1	0	0	5.1
	PICO	0	0	0	0	0	1,901	51	0	1,952
	PIEN	0	0	53	0	0	1,144	0	0	1,197
	PIFL2	0	0	0	0	0	25	0	0	25
	PIPO	0	0	479	0	0	994	0	0	1,473
	PSME	0	0	52	0	0	102	51	0	205
Subtotal, R-2		0	0	584	0	0	4,171	102	0	4,857
3	PIPO	0	0	297	0	0	0	0	0	297
	PIPU	0	0	255	0	0	0	0	0	255
	PIST3	0	0	65	0	0	35	0	0	100
	PSME	0	0	979	0	0	241	0	0	1,220
Subtotal, R-3		0	0	1,597	0	0	276	0	0	1,873
4	LAOC	0	0	0	0	0	145	0	0	145
	PIAL	0	0	86	0	0	0	0	0	86
	PICO	0	0	0	0	0	75	0	0	75
	PIEN	0	0	21	0	0	183	0	0	204
	PIJE	0	0	0	0	0	240	0	0	240
	PIPO	0	51	0	0	0	1,333	0	0	1,384
	PSME	0	0	23	0	0	784	0	0	807
Subtotal, R-4		0	51	130	0	0	2,760	0	0	2,941
5	ABCO	0	26	120	0	26	67	0	106	345
	ABMA	0	0	23	13	0	48	45	0	129
	CADE27	0	109	14	0	21	50	0	0	194
	PICO	0	0	0	9	0	13	37	0	59
	PICO3	0	0	0	0	0	389	0	0	389
	PIJE	0	466	573	48	366	924	634	0	3,011
	PILA	4	33	367	509	59	171	61	51	1,255
	PIMO	0	0	0	0	0	0	18	0	18
	PIPO	0	1,110	2,622	0	546	3,781	0	115	8,173
	PISA2	0	0	0	0	0	1	0	0	1
	PSMA	0	0	3	0	0	101	0	0	103

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	CAIL2	0	0	0	0	0	8	0	0	8
	CALA21	0	0	0	0	0	0	0	0	0.5
	CAOV2	0	0	0	0	0	0	0	0	0
	DIVI5	0	0	0	0	0	0	0	0	0
	JUCI	0	0	0	0	0	0	0	0	0
	JUNI	0	0	0	0	0	0	0	0	0
	LALA	0	13	0	0	0	31	7	0	51
	LARIX	0	0	0	0	0	14	0	0	14
	LIST2	0	0	0	0	0	0	1	0	1
	LITU	0	0	0	0	0	132	0	0	132
	PIBA	0	0	0	0	0	16	0	0	16
	PIBA2	0	616	456	0	154	501	385	0	2,112
	PIEC2	0	1,646	0	0	0	8	0	0	1,654
	PIGL	0	483	0	0	0	266	59	0	808
	PIMA	0	115	0	0	0	135	16	0	266
	PIRE	0	427	826	0	227	884	66	0	2,430
	PIRU	0	0	0	0	0	48	8	0	56
	PIST	0	1,367	0	101	0	609	91	0	2,168
	PLOC	0	0	1	0	0	0	0	0	1
	PRSE2	0	0	0	0	0	116	0	0	116
	QUAL	0	0	0	0	0	2	0	0	2
	QUBI	0	0	0	0	0	24	0	0	24
	QUERC	0	0	0	0	0	32	0	0	32
	QULY	0	0	0	0	0	17	0	0	17
	QUMA2	0	0	0	0	0	51	0	0	51
	QUMI	0	0	0	0	0	3	0	0	3
	QUPA2	0	0	0	0	0	0	0	0	0
	QUPA5	0	0	0	0	0	19	0	0	19
	QURU	0	75	2	0	0	114	8	0	198
	QUVE	0	0	0	0	0	2	0	0	2
	TADI2	0	0	0	0	0	7	0	0	7
	THOC2	0	11	0	0	0	33	2	0	46
	TSCA	0	10	0	0	0	38	9	0	56
Subtotal, R-9		0	4,780	1,295	101	381	3,263	652	0	10,471
ALL		7,429	18,517	11,743	2,493	6,398	29,659	3,149	387	79,776
Percent of Total		9.3	23.2	14.7	3.1	8.0	37.2	3.9	0.5	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	35,343	24,175	30,360
2	4,270	28,567	292
3	0	0	11,770
4	5,498	58,993	15,977
5	1,747	2,110	5,908
6	52,797	58,959	4,246
8	26,738	0	540
9	23,801	0	1,151
10	0	0	211
ALL	150,192	172,804	70,455

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TABLE 9

PLANTING

Activity Codes 4430-4449

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	11	5,116	3,606	0	0	0	3,314	12,048
2	0	4,845	313	0	0	0	7	5,165
3	0	4,372	0	0	0	0	13	4,384
4	0	2,458	67	27	0	0	390	2,941
5	0	10,770	0	0	0	0	5,339	16,108
6	0	18,638	1,139	112	0	0	4,899	24,788
8	12	2,747	3,236	0	0	0	1,041	7,035
9	619	2,123	4,014	15	0	0	3,703	10,473
10	0	0	0	0	0	0	0	0
ALL	642	51,068	12,374	154	0	0	18,705	82,943

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	64	0	0	0	0	0	64
4	0	36	0	0	0	0	0	36
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	21	21
8	0	36	1,833	0	0	0	0	1,869
9	0	637	0	0	0	0	0	637
10	0	0	0	0	0	0	36	36
ALL	0	773	1,833	0	0	0	57	2,663

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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	306	0	0	0	150	456
2	0	1,026	86	0	0	0		1,112
3	0	156	0	0	0	0	1,208	1,364
4	0	355	217	0	0	0		572
5	0	324	0	0	0	0	26	350
6	0	0	0	0	0	0	264	264
8	2	5,145	3,436	0	0	0	260	8,843
9	231	6,492	14,792	104	0	0	6,934	28,554
10	0	0	0	0	0	0	0	0
ALL	233	13,498	18,836	104	0	0	8,842	41,514

TABLE 11A

NATURAL REGENERATION WITHOUT SITE PREPARATION

Activity Codes 4382

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	198	21,077	853	58	0	0	2,192	24,379
2	16	6,002	5,650	0	0	0	1,869	13,538
3	0	15,237	0	0	0	0	2,122	17,359
4	0	26,820	708	0	0	0	613	28,141
5	0	50	390	0	0	0	267	707
6	0	13,744	0	0	0	0	279	14,023
8	40	193	0	0	0	0		233
9	86	1,459	4,419	0	0	0	2,065	8,029
10	0	496	315	0	0	0		811
ALL	340	85,078	12,335	58	0	0	9,408	107,220

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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	0	0	1,262	0	0	0	762	2,024
2	0	621	0	0	0	0	0	621
3	0	2,130	0	0	0	0	768	2,898
4	0	0	0	0	0	0	0	0
5	0	2,759	2	0	0	0	3,148	5,909
6	0	1,944	55	34	0	0	8,814	10,847
8	0	1,711	4,895	1,540	0	0	918	9,064
9	8	705	1,179	0	0	0	2,380	4,272
10	0	0	0	0	0	0	0	0
ALL	8	9,870	7,393	1,574	0	0	16,790	35,635

TABLE 13

RELEASE AND WEEDING

Activity Codes 4510-4519

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	20	72	0	0	0	662	754
2	0	524	118	0	0	0	150	792
3	0	1,650	0	0	0	0	23,728	25,378
4	0	6,494	41	0	0	0	2,103	8,638
5	17	7,959	172	0	0	0	5,719	13,867
6	0	606	443	11	0	0	1,179	2,239
8	20	7,980	2,864	23	0	0	1,921	12,808
9	434	5,440	2,105	89	0	0	5,465	13,533
10	0	0	0	0	0	0	0	0
ALL	472	30,673	5,815	123	0	0	40,927	78,009

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TABLE 14

PRECOMMERCIAL THINNING

Activity Codes 4520-4529

ACRES

Region	NFWW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	268	2,832	161	40	21	0	5,840	9,163
2	567	1,115	812	134	0	0	2,126	4,754
3	0	0	0	0	0	0	24,884	24,884
4	0	75	0	0	0	0	8,688	8,763
5	0	0	41	0	0	0	15,086	15,127
6	782	309	1,412	64	0	0	40,215	42,782
8	0	4,490	405	789	0	0	232	5,916
9	149	459	1,378	356	0	0	677	3,019
10	143	1,804	0	0	0	0	546	2,493
ALL	1,909	11,084	4,209	1,383	21	0	98,293	116,900

TABLE 15

PRUNING

Activity Codes 4530-4539

ACRES

Region	NFWW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	417	0	0	0	0	1,141	1,558
2	0	0	0	0	21	0	142	163
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	799	799
6	0	0	31	0	0	0	577	608
8	0	3	0	0	0	0	0	3
9	0	493	0	0	0	0	287	780
10	33	96	0	0	0	0	108	237
ALL	33	1,009	31	0	21	0	3,054	4,148

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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	9	0	0	0	0	0	9
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	9	0	0	0	0	0	9

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	452	452
8	0	0	557	0	0	0	286	843
9	0	0	83	0	0	0	0	83
10	0	0	0	0	0	0	0	0
ALL	0	0	640	0	0	0	738	1,378

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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	1,068	394	0	0	0	597	2,058
2	0	0	0	0	0	0	0	0
3	0	182	0	0	0	0	0	182
4	0	36	0	27	0	0	0	63
5	0	0	0	0	0	0	0	0
6	0	2,717	20	18	0	0	1,320	4,074
8	0	0	0	0	0	0	0	0
9	0	829	198	305	0	0	106	1,438
10	0	0	0	0	0	0	0	0
ALL	0	4,831	612	350	0	0	2,022	7,815

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	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	19	69	0	0	0	93	181
10	0	0	0	0	0	0	0	0
ALL	0	19	69	0	0	0	93	181

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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
				4140-4149						
FACTS	4110-4119	4120-4129,	4130-4139	4160,4186	4150-	4200,				
Code	4162-4177	4192	4183,4194	4195,4196	4159	4210-4219	4220-4229	4230-4239	4240-4249	4110-4249
Region										
1	3,658	0	4,859	1,032	74	3,068	3,437	653		16,781
2	3,644	0	2,097	2,765	3,208	2,705	5,398	2,243	319	22,378
3	0	0	0	0	4,966	761	16,456	845		23,029
4	481	0	12	323	3,287	620	1,612	1,430	47	7,812
5	1,622	0	0	518	97	218	24,595	7,467		34,518
6	375	0	705	618	412	1,408	24,864	1,130	22	29,534
8	5,002	123	2,161	1,358	177	70	42,766	1,644	120	53,420
9	10,326	372	4,108	2,879	6,714	618	13,596	10,597	197	49,407
10	34	0	0	30	4	0	0	210		278
ALL	25,142	495	13,941	9,522	18,940	9,469	132,724	26,220	705	237,156

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TABLE 21

CERTIFICATION OF REFORESTATION AND TIMBER STAND IMPROVEMENT ACREAGES

Reforestation						Timber Stand Improvement					
Region	Planted	Seeded	Natural Regen	Natural Regen	Total	Cleaning	Release	Pre.	Fertilization	Pruning	Total TSI
			W/Site	W/O Site				Comm.			
			Preparation	Preparation	Reforestation			Thinning			
1	7,100	0	1,404	24,379	32,882	0	754	9,163	9	1,579	11,505
2	550	0	875	13,538	14,963	0	792	4,754	0	142	5,688
3	2,380	0	0	17,359	19,739	0	25,378	24,884	0	0	50,262
4	799	0	873	28,141	29,814	0	8,638	8,763	0	0	17,401
5	754	0	143	707	1,604	0	13,867	15,127	0	799	29,793
6	5,163	0	264	14,023	19,450	0	2,239	42,782	0	608	45,629
8	2,245	0	1,289	233	3,768	0	12,808	5,916	0	3	18,727
9	5,148	162	17,108	8,029	30,447	0	13,533	3,019	0	780	17,332
10	0	70	0	811	881	0	0	2,493	0	237	2,730
ALL	24,139	232	21,956	107,220	153,547	0	78,009	116,900	9	4,148	199,065

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APPENDIX A

Hardwoods

Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name
312	ACMA3	Bigleaf Maple
317	ACSA2	Silver Maple
361	ARME	Pacific Madrone
371	BEAL2	Yellow Birch
373	BENI	River Birch
375	BEPA	Paper Birch
391	CACA18	American Hornbeam
404	CAIL2	Pecan
405	CALA21	Shellbark Hickory
407	CAOV2	Shagbark Hickory
475	CELE3	Curl-Leaf Mountain Mahogany
521	DIVI5	Common Persimmon
601	JUCI	Butternut
602	JUNI	Black Walnut
611	LIST2	Sweetgum
621	LITU	Tuliptree
631	LIDE3	Tanoak
731	PLOC	American Sycamore
740	POPUL	Cottonwood
760	PRUNU	Plum
762	PRSE2	Black Cherry
800	QUERC	Oak
801	QUAG	California Live Oak
802	QUAL	White Oak
804	QUBI	Swamp White Oak
805	QUCH2	Canyon Live Oak
813	QUPA5	Cherrybark Oak
815	QUGA4	Oregon White Oak
818	QUKE	California Black Oak
822	QULY	Overcup Oak
823	QUMA2	Bur Oak
825	QUMI	Swamp Chestnut Oak
830	QUPA2	Pin Oak
833	QURU	Northern Red Oak
837	QUVE	Black Oak
839	QUWI2	Interior Live Oak
981	UMCA	California Laurel

Conifers

Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name
11	ABAM	Pacific Silver Fir
12	ABBA	Balsam Fir
15	ABCO	White Fir
20	ABMA	California Red Fir
22	ABPR	Noble Fir
41	CHLA	Port Orford Cedar
70	LARIX	Larch
71	LALA	Tamarack
73	LAOC	Western Larch
81	CADE27	Incense Cedar
93	PIEN	Engelmann Spruce
94	PIGL	White Spruce
95	PIMA	Black Spruce
96	PIPU	Blue Spruce
97	PIRU	Red Spruce
98	PISI	Sitka Spruce
100	PINUS	Pine
101	PIAL	Whitebark Pine
103	PIAT	Knobcone Pine
104	PIBA	Foxtail Pine
105	PIBA2	Jack Pine
107	PICL	Sand 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
125	PIRE	Red Pine
127	PISA2	California Foothill Pine
129	PIST	Eastern White Pine
131	PITA	Loblolly Pine
133	PIMO	Singleleaf Pinyon
201	PSMA	Bigcone Douglas-Fir
202	PSME	Douglas-Fir
212	SEGI2	Giant Sequoia
221	TADI2	Bald Cypress
241	THOC2	Arborvitae
242	THPL	Western Red Cedar
261	TSCA	Eastern Hemlock

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263	TSHE	Western Hemlock
264	TSME	Mountain Hemlock