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Tree Planters' Notes



for Planters of Forests and Shelterbelts and for Nurserymen

1964 REPORT

FOREST AND WINDBARRIER

PLANTING AND SEEDING

IN THE U. S.

Washington, D.C. 20250 December 1964

#### 1964

## REPORT OF FOREST AND WINDBARRIER PLANTING AND SEEDING IN THE UNITED STATES

(July 1, 1963 - June 30, 1964)

### Acres Planted - FY 1964 and Previous Years

Implanting during the fiscal year 1964 (July 1, 1963 - June 30, 1964) as reported by various public agencies, principally the State Foresters, ns as follows:

	Acres
Forest plantings* Windbarrier plantings	1,313,174** 40,450
Total	1,353,624***

Misrepresents a 9,075 acre reduction in tree planting from last year's figure of 1,362,699 acres.

Comparable figures for several of the past years are as follows:

Year	Acres
1964	1,353,624
1963	1,362,699
1962	1,402,115
1961	1,796,206
1960	2,137,460
1959	2,151,743
1958	1,568,708
1957	1,170,990
1956	915,428
1955	812,588
1950	497,507
1940	519,051
1930	138,970

<sup>\*</sup>Includes trees planted primarily for Christmas tree production\*

<sup>\*\*</sup>Includes 184,116 acres planted by direct seeding.

<sup>\*\*\*</sup>This does not represent the area satisfactorily reforested or established to windbarriers, for some of the plantings or seedings are unsuccessful. It is estimated that 80 percent of this acreage will result in acceptable plantations.

The total amount of planting in each State is shown by class of owners and purpose in Table 6 of this report. More than 50,000 acres were planted in 1964 in each of the following 10 States:

		Acres	
Oregon Florida Georgia Mississippi Alabama South Carolina Virginia Washington Louisiana		149,624 144,163 114,534 79,482 78,234 73,098 64,592 58,943 58,878	
North Carolina		52.136	7.7
	Total	873,684	- 72
			ทา

72% of the national total

Comparison to the 1964 with the 1963 figures shows changes in planting activity by the three broad ownership classes as follows:

The Federal Government planted 278,659 acres of forest and 1,004 acres of windbarriers in 1964 on lands administered by its various agencies; a total of 279,663 acres. This is 10,407 acres or 4 percent more than in 1963. (Federal windbarrier planting increased 238 acres.)

The States and other non-Federal public agencies planted 88,917 acres of forest and 859 acres of windbarriers; a total of 89,776 acres. This is 14,301 acres or 13 percent less than in 1963. (Windbarrier plantings increased 405 acres.)

<u>Private landowners</u> planted 945,598 acres of forest and 38,587 acres of windbarriers; a total of 984,185 acres. This is 5,177 acres less than in 1963. (Private windbarrier plantings increased 3,796 acres.)

Seventy-two percent of all forest planting was on privately-owned lands. The 15 States with forest plantings over 20,000 acres on privately-owned land are listed below. The listing also includes the 13 States with more than 10,000 acres of planting on industry-owned m ore than 50 percent of the private land forest planting in 10 of these 15 States is on industry-owned land.

State	Percent
Oregon	91
Louisiana	86
Texas	80
Georgia	72
Florida	69
North Carolina	69
Alabama	65
Virginia	65
South Carolina	50

ACRES PLANTED ON PRIVATELY-OWNED LAND

<u>State</u>	Industry Owned	Other Privately Owned	Total
Florida	89,316	39,504	128,820
Georgia	79,142	29,747	108,889
Mississippi	30,058	40,972	71,030
Alabama	44,330	23,060	67,390
Virginia	39,796	21,797	61,593
South Carolina	28,670	28,150	56,820
Oregon	50,284	5,193	55,477
Louisiana	45,675	7,169	52,844
North Carolina	31,683	14,222	45,905
Pennsylvania	19,670	19,963	39,633
Texas	24,176	6,072	30,248
Washington	22,750	7,071	29,821
Tennessee	14,297	14,871	29,168
Wisconsin	2,854	22,791	25,645
Michigan	1,065	24,168	25,233
Total	523,766	304,750	828,516

Forest industries and other industries (mining, RR, water & power companies) planted 559,000 acres in 1964 or 59 percent of the private land planting. In 1964 forest industries planted 485,095 acres, 17,764 more than in 1963; and other industries planted 73,910 acres, 3,535 acres more than in 1963.

### <u>Windbarrier Planting</u>

Windbarrier planting was reported from 31 States and Puerto Rico. It amounted to 40,450 acres, classed as follows:

Acres
1,004
859
38,587
40,450

Private land windbarrier planting increased 3,796 acres in 1964. The public agencies planted 643 acres more than in 1963.

The need for windbarriers exists mostly on private lands. The eight States in which farmers and ranchers planted 1,000 or more acres of windbarrier in 1964 are:

		Acres
North Dakoto South Dakoto Nebraska Minnesota Colorado Kansas Montana Texas		12,206 6,735 6,190 3,454 1,922 1,860 1,749 1,004 35,120
Total private land windbarrier planting above in eight States	35,120	877
Total private land windbarrier plantings in the United States (24 States and Puerto Rico)	38,587	95%
Total public land windbarrier planting	1,863	57.

#### Sources of Planting Stock

All public and private nurseries together shipped 948,312,000 trees in 1964 -- 9 percent less than in 1963.

Nursery shipments of forest and windbarrier planting stock for 1963 are summarized as follows:

	Nurseries t shipped tre in 19	<u>Qua</u>	ntity pped
<u>Federal:</u> Forest Service Tennessee Valley Authority	15 1	106,986,000 7,625,850	114 611 050
	16		114,611,850
State: State Foresters or equivale	ent 98	584,192,000	504 103 000
			584,192,000
Other Public: Soil Conservation Districts County and Municipal	s 10 3	18,867,000 519,000	
councy and numerpan	13	3_3,000	19,396,000
Industry: Paper and lumber companies	26	164,094,000	
The second secon		, ,	164,094,000
Commercial: Private companies	93	66,028,000	66,028,000
Total - 190	64 246		948,312,000
Total - 196	53 249	<u>-</u>	L,008,389,000

For additional details see Table 7 of this report and also "Forest Tree Nurseries in the United States - 1964," Tree Planters' Notes No. 69 published by the U.S. Department of Agriculture, Forest Service, Washington, D.C., 20250.

In 1964 the 16 <u>Federal nurseries</u> shipped 114,612,000 trees in comparison with 126,592,000 in 1963. Most of the Forest Service nursery trees were planted on National Forest lands. Planting stock from the Tennessee Valley Authority nursery were used on Federal and private lands through established programs.

The <u>State nurseries</u> shipped 584,192,000 plants in 1964. Most of the stock from these nurseries was produced under the Federal-State cooperative tree distribution program (C-M 4). The 12 States with the largest shipments were:

	Trees	
Florida Mississippi South Carolina North Carolina Georgia Alabama Louisiana Minnesota Wisconsin Virginia	66,307,000 53,372,000 50,815,000 39,978,000 39,097,000 37,799,000 32,193,000 27,509,000 25,488,000 24,575,000	
Oregon Tennessee	20,297,000 18.379.000	
Total	435,809,000	

These 12 States shipped 46 percent of the Nation's entire supply and 75 percent of the shipments from State nurseries.

Forty-three States and Puerto Rico shipped 584,192,000 trees from 98 nurseries in 1964. In 1963, 99 nurseries shipped 618,254,000 plants.

Forty-eight States and Puerto Rico conducted tree distribution programs in 1964. Five of these purchased all of the trees they distributed from commercial, other State, or Federal nurseries. Arizona and Alaska are the only two States that did not distribute trees in 1964.

The total output of the 10 Soil <u>Conservation</u> District nurseries was 18,867,000 trees as against 12,671,000 for the 10 nurseries in 1963. The stock from these nurseries all goes to District cooperators for planting on private lands.

There are now 3 <u>county and municipal nurseries</u>. They produced 519,000 trees in 1964 as against 496,000 in 1963. Their entire output is planted on public lands.

Most seedlings from <u>forest industry nurseries</u> go to plant company lands, although some stock is distributed to other private landowners through various company programs. A total of 26 such nurseries shipped trees in 1964 with total shipments of 164,094,000 trees as against shipments of 185,615,000 trees in 1963.

Commercial nurseries shipping stock in 1964 numbered 93 and their total output was 66,028,000 plants, which is about 1 million more than in 1963.

of the 93 commercial nurseries that reported, 24 are in Pennsylvania and 23 are in Michigan. Their production runs heavily to Christmas tree planting stock. Fourteen commercial nurseries reported from Colorado, Iowa, Kansas, Nebraska and South Dakota. They produce mainly windbarrier species in addition to ornamental stock not reported herein. A large share of their production is sold to the States for distribution under the Federal-State cooperative tree planting program. The other 32 commercial nurseries are located in 13 States distributed from coast to coast, primarily in the North.

#### <u>Direct Seeding</u>

Twenty-five States reported from 15 to 41,591 acres direct seeded on privately-owned land. The amount of such work is detailed in Table 4 of this report and is summarized below:

	Acres
Federal lands Non-Federal public Private Total reported 1964	42,839 8,958 132,238 184,035
Total reported 1962	221,511 210,907
Total reported 1960	181,404 164,523
Total reported 1959  Total reported 1958	108,766 81,296

The following 12 States direct seeded more than 3,500 acres each on Federal and private lands:

	<u>Acres</u>	
Oregon	61,011	
Louisiana	24,423	
Washington	20,444	
Florida	11,027	
Georgia	10,638	
Mississippi	10,056	
Arkansas	7,231	
Virginia	7,064	
California	6,522	
Alabama	5,198	
Texas	3,696	
South Carolina	3,574	
	170,884	93% of total

#### Table I

### ACRES OF FOREST PLANTING (INCLUDING SEEDING) ON FEDERAL LAND 1964

(EXCLUSIVE OF WINDBARRIER PLANTING)
July 1, 1963 - June 30, 1964

STATE		NATIONAL FORESTS		U. S. DEPARTMENT OF THE INTERIOR AND INDIAN RESERVATIONS				OTHER FEDERAL			TOTAL - TABLE	STATE	
STRIP	Current	Previous	Total	Current	Previous years	Total	Current	Previous years	Total	Current	Previous years	Total	SINIS
Alabama	5,935	74,138	80,073	257	2,406	2,663	2,563	27,887	30,450	8,755	104,431	113,186	Alabama
	105	4,660	4.765	10	0	10	0	0	0	115	4,660	4,775	Alaska
Alaska					39	39	0	0	0.	756	5,496	6,252	Arizona
Arizona	756	5,457	6,213	0									
Arkansas	4.745	53,427	60,172	D	323	323	20	5,369	5,389	6,765	59,119	65,884 188,461	Arkansas
California	20,931	160,087	181,018	3,689	3,669	7,358	0	85	85	24,620	163,842		California
Colorado	6,547	83,065	89,612	1,284	1,519	2,803	94	476	570	7,925	85,060	92,985	Colorado
Connecticut	0	0	0	0	0	0	0	0.	0	0	0	0	Connecticut
Delawars	0	0.	0	D	41	41	0	10	10	0	51	51	Delaware
Florida	4,881	57,179	62,060	1.37	498	635	4.602	17.419	22,021	9,620	75,096	64,716	Florida
Georgia	3,202	45,438	48,640	110	470	580	1,668	7,932	9,600	4,980	53,840	58,820	Georgia
Hawail	0	0	0	0	0	0	0	0	0	D	0	0	Hawaii
			158,355	578	1.003	1,581	0	0	0	14,968	144,968	159,936	Idaho
Idaho	14,390	143,965		0			59	217	276	1.978	53,909	55,887	Illinois
Illinois	1,919	47,063	48,982		6,629	6,629							
Indiana	1,231	25,571	26,802	0	0	0	61	5,729	5,790	1,292	31,300	32,592	Indiana
Iowa	0	60	60	0	142	142	7.2	2,149	2,221	72	2,351	2,423	Iowa
Kansas	0	100	100	0	0	.0	20	64	84	20	164	284	Kansas
Kentucky	398	2,271	2,669	560	1,943	2,503	1,034	2,152	3,196	1,992	6,376	8,368	Kentucky
Louisiana	5,718	153,106	158,824	0	0	0	300	3,596	3,896	6,018	156,702	162,720	Louisiana
Maine	0	470	470	0	2	2	21	218	239	21	690	711	Maine
Maryland	0	D D	0	0	5	5	118	18	136	118	23	141	Maryland
	0	0	0	0	6	- 6	0	523	523	0	529	529	Massachusetts
Massachusetts			631,813	106	481	587	75	237	312	13,428	619,284	632,712	Michigan
Michigan	13,247	618,566											
Minnesota	8,826	177,702	186,528	1,159	10,683	11,842	0	3	3	9,985	188,388	198,373	Minnesota
Mississippi	7,619	216.739	224,358	261	1,608	1,869	0	14,189	14,189	7,880	232,536	240,416	Mississippi
Missouri	6,485	88,032	94,517	0	61	61	305	1,344	1,649	6,790	89,437	96,227	Missouri
Montana	8,234	64,305	72,539	1,043	3,622	4,665	0	132	132	9,277	68.059	77,336	Montana
Nebraska	407	30,838	31,245	20	474	494	0	669	669	427	31,981	32,408	Nebraska
Nevada -	0	506	506	17	25	42	0	0	0	17	591	548	Nevada
New Hampshire	9	1,172	1,181	0	0	0	0	48	48	9	1,220	1,229	New Hampshire
New Jersey	0	D	0	0	Ö	0	48	733	781	48	733	781	New Jersey
			6,085	210	65	275	10	20	30	1,844	4,546	6,390	New Mexico
New Mexico	1,624	4,461		0	20	20	9	4,453	4,462	9	4,473	4,482	New York
New York	0	0	0										
North Carolina	4,208	28,809	33,017	200	251	451	212	2,224	2,436	4,620	31,284	35,904	North Carolina
North Dakota	- 0	967	967	180	27	207	0.	0	0	180	994	1,174	North Dakota
Ohio	740	20,083	20,823	0	0	0	812	1,654	2,465	1,552	21,737	23,289	Ohio
Dk Iahoma	2,305	8,068	10,373	562	0	562	30	1,720	1,750	2,897	9,788	12,685	Oklahoma
Oregon	45,466	353,096	398.562	31,911	202,834	234.745	0	0	0	77,377	555,930	633 307	Oregon
Pennsylvania	280	19,307	19,587	D	0	0	167	522	689	447	19,829	20,278	Pennsylvania
Rhode Island	0	12,507	0	0	0	0	0	41	41	0	61	41	Rhode Island
	2.944	25,276	28,220	2,500	8,648	11,148	5,221	74,557	79,778	10,665	108,40	119,146	South Carolina
South Carolina							0,221	34	34	987	42,761	43,748	South Dakota
South Dakota	579	41,392	41.971	408	1,335	1,743		48,169	52,238	5,452		63,402	Tennessee
Tennessee	947	9,629	10,576	436	152	586	4,069				57,950		
Texas	1,989	56,142	58, 131	.0	0	0	425	11,422	11,847	2,414	67,564	69,978	Texas
Utah	1,668	5,994	7,662	13	65	78	0	D	D	1,681	6,059	7,740	Utah
Vermont.	0	1,430	1,430	0	8	- 8	0	D	0	0	1,438	1,438	Vermont
Virginia	1,270	6,667	7.937	0	- 0	()	772	3,459	4,731	2,042	10,126	12,168	Virginia
Washington	18,877	238,225	257,102	1,030	5,944	8,974	18	2,641	2,659	19,925	246,810	266,735	Washington
West Virginia	677	17,924	18,601	D	0	0	625	1.87	812	1,302	18,111	19,413	West Virginia
Wisconsia	4,994	242,585	247.579	181	3,774	3,955	165	488	653	5,340	246,847	252,187	Wisconsin
Wyoming	1,709	9,991	11,700	340	2,490	2,630	103	0	0	2,049	12,481	14,530	Wyoming
TOTAL - 50 STATES	207,862	3,143,963	3,351,825	47,202	261,262	308,464	23,595	242,800	266,395	278,659	3,648,025	3,926.684	TOTAL - 50 STA
Puerto Rico	0	0	0	0	0	0	0	0	0	Ó	0	0	Puerto Rico
		-	-			-	-	13763	1	1	A CONTRACTOR OF THE PARTY OF TH		
GRAND TOTAL	207,862	3,143,963	3,351,825	47,202	261,262	308,464	23,595	242,800	266,395	278,659	3,648,025	3,926,684	GRAND TOTAL

Table 2

## ACRES OF FOREST PLANTING (INCLUDING SEEDING) ON NON-FEDERAL PUBLIC LAND 1964

### (EXCLUSIVE OF WINDBARRIER PLANTING)

			STATE	AGENCIES			0	THER PUBLIC AGE	NCIES			N 7	
STATE		STATE FOREST 1	AND	o	THER STATE LAND	)	TOWN	BOROUGH, COUN			TOTAL - TAB	LE 2	STATE
	Current	Previous years	Total	Current	Previous years	Total	Current year	Previous years	Total	Current	Previous years	Total	
Alabama	0	1,163	1,163	516	4,003	4,519	1,573	3,140	4,713	2,089	6,306	10,395	Alebama
Alaska	ő	0	0	0	0	0	0	0.	0.	0	0	0	Alaska
	0	0		0	0	0	0	0	0	0	0	0	Arizona
Arizona			5.942	25	383	408	6	727	733	63	7.020	7,083	Arkansas
Arkansas	32	5,910		148	1,162	1,310	190	527	717	376	2,220	2,596	California
California	38	531	569		10	10	75	330	405	75	340	415	Colorado
Colorado	0	0	0	0			72	3,876	3,948	201	15,950	16,151	Connecticut
Connecticut	91	11,335	11,426	38	739	777						869	Delaware
Delaware	10	501	511	5	138	143	0	215	215	15	854		
Florida	3,027	48,702	51,729	2,119	11,715	13,834	577	3,397	3,974	5,723	63,814	69,537	Florida
Georgia	0	10,327	10,327	578	6,392	6,970	57	6,598	5,685	665	23,317	23,982	Georgia
Havaíi	3,176	42,932	46,108	0	562	562	0	167	167	3,176	43,661	46,837	Hawai i
	140	467	607	0	705	705	0	136	136	140	1,308	1,448	Idaho
Idaho		5,573	5,768	420	7,738	8,158	179	5.838	6,017	794	19,149	19,943	Illinois
Illinois	195			146	4,304	4,450	9	743	752	332	30,710	31,042	Indiana
Indiana	177	25,663	25,840	113	5,877	5,990	71	501	5/2	347	9,271	9,618	Iowa
Lowa	163	2,893	3,056					0	0	0	4,000	4,000	Kansas
Lansas	0	0	0	0	4,000	4,000	0		803	372	11.003	11,375	Kentucky
Kentucky	256	9,347	9,603	93	876	969	23	780					Louisiana
Louisiona	0	5,453	5,453	16	540	556	0	7,427	7,427	16	13,420	13,436	
Maine	0	331	331	37	435	472	47	1,570	1,617	64	2,336	2,420	Maine
Maryland	301	7,232	7,533	152	1,223	1,375	466	4,198	4,664	919	12,653	13,572	Maryland
	259	33,488	33,747	17	13,133	13,150	54	17,547	17,601	330	64,168	64,498	Massachusetts
Massachusetts	7,935	399,244	407,179	198	23,678	23,876	55	19,704	19,759	8.188	442,626	450,814	Michigan
Michigan				960	28,783	29,763	3,287	34,762	38,049	14,410	157,533	171,943	Minnesota
Minnesota	10,143	93,988	104,131		3,640	3,932	280	7,741	8,021	572	14,664	15, 236	Mississippi
Mississippi	0	3,283	3,283	292				94	94	1,037	8,658	9,695	Missouri
Missouri	936	6,694	7,630	101	1,870	1,971	0	94		176	1,802	1,978	Montana
Moutana	152	1,753	1,905	24	46	70	0	401	901				Nebraska
Nebraska	0	200	200	14	630	644	۵	884	884	14	1,714	1,728	
Nevada	D	0	0	0	17	17	0	0	0	0	17	17	Reyada
New Hampshire	60	8,429	8,489	10	262	272	50	4,687	4,737	120	13,378	13,498	New Hampshire
New Jersey	2	11,310	11,312	234	1,154	1,388	9	1,660	1,689	245	14,144	14,389	New Jersey
New Mexico	0	2 2	9	0	0	. 0	0	2	2	0	4	4	New Mexico
		423,962	426,016	356	29.917	30,273	602	100,224	100,826	3,012	554,103	357,115	New York
New York	2,054			752	11,156	11,908	173	4,624	4,797	1,611	23,451	25,062	North Carolina
North Carolina	686	7,671	8.357		11,130	11,500	0	0	0	5	0	5	North Dakota
North Dakota	0	0	0	. 3		44 444	1,371	22,217	23,588	2,030	54,546	56,576	Ohio
Ohio	70	21,364	21,434	589	10,965	11,554						1,854	Ok lahoma
Ok I ahoma	0	0	0	115	1,515	1,630	4	220	224	119	1,735	223,158	Oregon
Oregon	16,042	196,481	212,523	79	4,187	4,257	550	5,828	6.378	16,662	206,496		
Pennsylvania	1,475	74,331	75,806	352	14,962	15,314	503	16,097	16,600	2,330	105,390	107,720	Pennaylvania
Rhode Island	25	4,539	4,564	0	513	513	37	6,914	6,951	62	11,966	12,028	Rhode Island
South Carolina	5,316	32,877	38,193	117	17,941	18,058	180	5,227	3,407	5,611	56,045	61,658	South Carolin
South Dakota	0	436	436	50	2,586	2,636	0	0	0	50	3,022	3,072	South Dakots
	418	48,371	48,789	0	1,995	1,995	7.7	1,497	1,574	495	51,863	52,358	Tennessee
Tennessee	2	712	714	268	1,291	1,559	0	2,126	2,125	270	4,129	4,399	Texas
Texas		0	0	10	90	100	0	0	0	10	90	100	Utah
Utah	0		The second secon	59	523	582	24	4,549	4,573	94	8,572	8,666	Vermont
Vermont	11	3,500	3,511		1,505	1,759	176	1,523	1,699	957	7,878	8,835	Virginia
Virginia	527	4,850	5,377	254			355	8,007	8,362	9,086	121,692	130,778	Washington
Washington	8,731	113,351	122,082	0	334	334				278	4,584	4,852	West Virginia
West Virginia	0	1,870	1,870	232	1,753	1,985	46	961	1,007				Wisconsin
Wisconsin	2,163	70,012	72,175	150	4,768	4,918	3,373	179,078	182,451	5,686	253,858	259,544	Wyoming
Wyoming	0	0	0	0	0	0	0	0	0	-	1000000	u	
TOTAL - 50 STATES	64,613	1,741,078	1,805,691	9,655	230,016	239,671	14,581	486,366	500,947	88,649	2,457,460	2,546,309	TOTAL - 50 ST.
Puerco Rico	67	22,281	22,348	0	3,574	3,574	1	484	485	68	26,339	26,407	Puerto Rico
GRAND TOTAL	54,680	1.763,359	1,828,039	9,655	2:13.590	243.245	14.502	486,850	501,432	88,617	2,483,799	2,572,716	GRAND TOTAL

Toble 3

# ACRES OF FOREST PLANTING (INCLUDING SEEDING) ON PRIVATELY-OWNED LANDS 1964 (EXCLUSIVE OF WINDBARRIER PLANTING)

STATE		NS, CLUBS, ASSO ND PRIVATE SCHO			FOREST INDUS	STRY	(Mining, R	OTHER INDUSTS	r er compaules)		TOTAL - TARI	E 3	STATE
	Carrent	Previous years	Total	Current year	Previous years	Total	Current	Previous years	Total	Current year	Previous years	Total	
Alabama	23,060	682,919	705,979	40,785	433,586	474,371	3,545	35.77E	39,323	67,390	1,152,283	1,219,673	Alabama
Alaska	D	0	0	0	O	0	D	0	0	0	D	0	Alaska
Arizona	0	237	237	0	0	8	0	0	0	0	237	237	Arizona
Arkansas	4,712	227,727	232,439	6.969	155,389	162,358	145	7,917	8,062	11,826	391,033	402,859	Arkansas
California	2,295	27,826	30,121	6,883	44,894	51,777	117	1,037	1,154	9,295	73,757	83,052	California
Colorado	0	4,459	4,459	20	0	20	15	0	15	35	4,459	4,494	Colorado
Connecticut	1,200	26,871	28,071	0	0	0	152	9,130	9,282	1,352	36,001	37,353	Connecticut
Delaware	302	5,476	5,778	426	1,721	2,147	0	53	53	728	7,250	7,978	Delaware
Florida	39,504	873,179	912,683	72,363	772,524	844,887	16,953	153,139	170,092	128.820	1,798,842	1,927,662	Florida
Georgia	29,747	1,306,954	1,336,701	74,697	701,145	775,842	4,445	25,992	30,437	108,889	2,034,091	2,142,980	Georgia
Havaii	183	8,175	8,358	162	1,078	1,240	42	54,647	54,689	387	63,900	64,287	Hawaii
Idaho	175	4,485	4,660	259	3,953	4,212	0	49	49	434	8,487	8,921	Idaho
Illinois	3,290	82,886	86,176	13	97	110	460	23,350	23,810	3,763	106,333	110,096	Illinois
Indiana	2,052	52,491	54,543	43	848	891	1,776	42,445	44,221	3,871	95,784	99,655	Indiana
Lowa	1,252	46,150	47,402	0	356	356	1,776	396	396	1,252	46,902	48,154	
Cansas	824	26,655	27,479	0	0	0	0	0	0				Iova
Centucky	14,223	125,763	139,986	105	802	907	3,415			824	26.655	27,479	Kansas
Louisiana	7.169	410.843		27,337	697,353	724,690	18,338	18.045	21,460	17,743	144,610	162,353	Kentucky
			418,012					193,911	212,249	52,844	1,302,107	1,354,951	Louislans
Maine	3,086	33,700	36,786	79	12,302	12,381	93	1,564	1,657	3,258	47,566	50,824	Maine
Maryland	3,227	57,028	60,255	1,366	8,842	10,208	13	2,464	2,477	4,606	68,334	72,940	Maryland
Assachusetts	800	36,906	37,706	12	3,375	3,387	4	763	767	816	41,044	41,860	Massachusetts
lichigan	24,168	385,074	409,242	1,035	5,735	6,770	30	22,692	22,722	25,233	413,501	438,734	Michigan
linnesota	12,155	221,832	233,987	2,324	14,768	17,092	0	1,577	1,577	14,479	238,177	252,656	Minnesota
Mississippi	40,972	892,416	933,388	29,866	308,914	338,780	192	18,224	18,416	71,030	1,219,554	1,290,584	Misaissippi
Miseouri	5,357	52,915	58,272	796	2,384	3,180	0	1,298	1,298	6,153	56,597	62,750	Missouri
Montana	81	2,024	2,105	886	3,067	3,953	34	97	131	1,001	5,188	6,189	Montana
Nebraska	320	17,679	17,999	0	1,400	1,400	0	1,543	1,543	320	20,622	20,942	Nebraska
Nevada	0	25	25	0	0	0	0	0	0.	0	25	25	Nevada
New Hampshire	1,120	35,853	36,973	70	3,036	3,106	10	1,191	1,201	1,200	40,080	41,280	New Hampshire
New Jersey	344	29,807	30,151	0	112	112	39	7,341	7,380	383	37,260	37,643	New Jersey
lew Mexico	43	4,273	4,316	0	60	60	20	16	36	63	4,349	4,412	New Mexico
lew York	12,418	630,869	643,287	189	9,095	9,284	436	26,599	27,035	13.043	666,563	679,606	New York
forth Carolina	14,222	349,175	363,397	30,286	225,248	255,534	1,397	24,531	25,928	45,905	598,954	644,859	North Carolina
North Dakota	20	2,114	2,134	0	0	0	0	0	0	20	2,114	2,134	North Dakota
Ohio	4,767	152,034	156,801	139	2,876	3,015	6,361	83,956	90,317	11,267	238,866	250,133	Ohio
0klahoma	1,128	58,399	59,527	40	9,743	9,783	0	130	130	1,168	68,272	69,440	Oklahoma
regon	5,193	57,343	62,536	50,284	327,705	377,989	Ö	2,580	2,580	55,477	387,628	443,105	Oregon
Pennsylvania	19.963	416,455	436,418	12,458	113,762	126,220	7,212	161,617	168,829	39,633	691,834	731.467	Pennsylvania
thode Island	196	23,390	23,586	0	0	0	0	0	0	196	23,390	23,586	Rhode Island
South Carolina	28,150	765,854	794,004	22,776	228,788	251.564	5,894	41,462	47,356	56,820	1,036,104	1,092,924	South Carolina
outh Dakota	50	18,179	18,229	0	0	237,304	0,004	74,402	2	50	18,181	18,231	South Dakota
ennessee	14,871	416,951	431,822	14,297	117,231	131,528	0	12,585	12,585	29,168	546,767	575,935	Tennessee
exas	6,072	266,127	272,199	24,176	232,416	256,592	0			30,248			
lexas Itah	62	923	985	24,1/6	636,410	44	0	2,257	2,257	50,248	500,800	531,048	Texas
/tan	1,909	57,591	59,500	12	44	4,323	3				1,057	1,119	Utab
					4,311		3 3 3 3	2,252	2,255	1,924	64,154	66,078	Vermont
irginia	21,797	180,035	201,832	39,023	178,809	217,832	773	4,648	5,421	61,593	363,492	425,085	Virginia
ashington	7,071	45,532	52,603	21,650	278,502	300,152	1,100	4.751	5,851	29,821	328,785	358,606	Washington
est Virginia	3,832	61,112	64,944	615	1,337	1,952	696	3,262	3,958	5,143	65,711	70,854	West Virginia
Visconsin Vyoming	22,791	431,720	454,511	2,654	66,815	69,469	200	2,765	2,965	25,645	501,300	526,945	Wisconsin Wyoming
OTAL - 50 STATES	386,173	9,616,454	10,002,627	485,095	4,974,423	5,459,518	73,910	998,146	1,072,056	945,178	15, 589.023	16, 534, 201	TOTAL - 50 STA
Puerto Rico	420	72,180	72,600	0	0	0	D	616	616	420	72,796	73,216	Puerto Rico
GRAND TOTAL	386,593	9,688,634	10,075,227	485,095	4,974,423	5,459,518	73,910	998,762	1,072,672	945,598	15,661,819	16,607,417	GRAND TOTAL

### Table 4

### ACRES OF DIRECT SEEDING ON ALL OWNERSHIP OF LAND 1964

(INCLUDED IN TABLES 1, 2, 8 3)

- American		FEDERAL		OTHER	PUBLIC (NON-	FEDERAL)		PRIVATELY OWNE	CD		TOTAL - TABLE 4		STATE
STATE	Current	Previous years	Total	Current	Previous years	Total	Current	Previous years	Total	Current	Previous years	Tota	STATE
Alabama	822	4,973	5,795	0	0	0	4,376	51,983	56,359	5,198	56.956	62,154	Alabama
		4,658	4,763	a	0	0	0	0	0	105	4,658	4,763	Alaska
Alaska	105			0	0	0	0	0	0	235	2,459	2,694	Arizona
Arizona	235	2,459	2,694		24	24		8,789	C. C	7,126	25,496	32,622	Arkansas
Arkaneas	4,160	16,683	20,843	0			2,966		11,755				
California	1,561	12,790	14,351	2	100	102	4,959	11,392	16,351	6,522	24,282	30,804	California
Colorado	1,087	4,237	5,324	0	0	0	0	0	0	1,087	4,237	5,324	Colorado
Connecticut	0	0	0	0	12	12	0	0	D	0	12	12	Connecticut
Delaware	0	0	0	0	0	0	0	16	16	0	16	16	Delaware
Florida	2,456	7,900	10,356	0	1,108	1,108	8,571	37,090	45,661	11,027	46,098	57,125	Florida
Georgia	6	2,128	2,134	0	0	0	10,632	24,491	35,123	10,638	26,619	37,257	Georgia
Hawaii	0	0	0	100	10	110	0	0	0	100	10	110	Hawaii
Idaho	622	2,528	3.150	20	25	45	15	1,955	1,970	657	4,508	5,165	Idaho
Illinois	76	1,783	1,859	9	200	209	0	0	0	85	1,983	2,068	Illinois
Indiana	0	451	451	27	0	27	20	0	20	47	451	498	Indiana
Iowa	0	0	0	2	4	6	63	57	120	65	61	126	Iowa
Kansas	0	0	0	0	0	0	560	525	1,085	560	525	1,085	Kansas
	24	16	40	0	6	6	135	912	1,047	159	934	1,093	Kentucky
Kentucky			15.464	0	210	210	22,433	216,390	238,823	24,423	230,074	254,497	Louisiana
Louisiana	1,990	13,474					25	28	53	25	30	55	Maine
Maine	.0	0	0	0	2	2			0	0	0		Maryland
Maryland	0	0	0	0	0	0	0	0				0	
Massachusetts	0	0	0	0	5	5	0	5	5	0	10	10	Massachusetts
Michigan	82	2,485	2,567	0	0	0	0	0	0	82	2,485	2,567	Michigan
Minnesota	925	4,641	5,766	200	0	200	0	0	0	1,125	4,841	5,966	Minnesota
Mississippi	3,308	27,891	31,199	0	316	316	6,748	16,066	22,814	10,056	44,273	54,329	Mississippi
Missouri	200	13,192	13,392	532	483	1,015	358	925	1,283	1,090	14,600	15,690	Missouri
Montana	655	6,575	7,230	40	1,170	1,210	560	883	1,443	1,255	8,628	9,883	Montana
Nebraska	3	0	3	4	8	12	70	103	173	77	111	188	Nebraska
Nevada	0	32	32	0	0	0	0	0	.0	0	32	32	Nevada
New Hampshire	0	48	48	0	1	1	0	o o	0	0	49	49	New Hampshire
New Jersey	0	0	0	0	0	0	0	0	0	0	0	0	New Jersey
New Mexico	700	2,734	3,434	0	0	0	0	0	0	700	2,734	3,434	New Mexico
New York	0	0	0	0	0	0	0	0	0	0	0	0	New York
	180	1,228	1,408	0	12	12	1,995	8,868	10,863	2,175	10,108	12,283	North Carolina
North Carolina	0	0	0	0	0	0	0	0,000	10,000	0	0,100	0	North Dakota
North Dakota	0	274	274	0	6	6	76	218	294	76	498	574	Ohio
Ohio				0	0	0	0	552	552	940	983	1,923	Ok lahoma
Oklahoma	940	431	1,371								423,542	484,553	Oregon
Oregon	15,506	127,829	143,335	3,914	103,776	107,690	41,591	191,937	233,528	61,011			
Pennsylvania	0	80	80	0	0	0	0	0	0	0	80	80	Pennsylvania
Rhode Island	0	0	0	0	0	0	0	0	0	- 0	0	0	Rhode Island
South Carolina	25	5,460	5,485	0	262	262	3,549	4,460	8,009	3,574	10,182	13,756	South Carolina
South Dakots	300	16,109	16,409	0	0	0	0	50	50	300	16,159	16,459	South Dakota
Tennessee	169	2,819	2,988	0	0	0	0	140	140	169	2,959	3,128	Tennessee
Texas	993	3,972	4,965	0	0	0	2,703	3,642	6,345	3,696	7,614	11,310	Texas
Utah	542	64	606	0	0	0	0	0	0	542	64	606	Utah
Vermont	0	0	0	5	6	11	0	5	5	5	11	16	Vermont
Virginia	646	716	1,362	176	231	407	6,242	16,958	23,200	7,064	17,905	24,969	Virginia
Washington	3,738	23,132	26,870	3,721	19,298	23,019	12,985	140,477	133,462	20,444	182,907	203,351	Washington
West Virginia	195	143	338	7	8	15	486	378	864	688	529	1,217	West Virginia
Visconsin	0	746	746	199	45	244	120	253	373	319	1,044	1,363	Wisconsin
yoming	588	4,341	4,923	0	0	0	0	0	0	588	4,341	4,923	Wyoming
TOTAL - 50 STATES	42,839	319,222	362,055	8,958	127,328	136,286	132,238	739,548	871,786	184,035	1,186,098	1,370,127	TOTAL - 50 STAT
Puerto Rico	42,839	0	0	0,736	0	0	130,000	0	0	0	0	0	20 4101
raerro Mico					1	-	-	of some and			1		-
GRAND TOTAL	42,839	319,222	362,055	8,958	127,328	136,286	132,238	739,548	871,786	184,035	1.186,098	1,370,127	GRAND TOTAL

Table 5

# ACRES OF WINDBARRIER PLANTING ON ALL OWNERSHIP OF LAND 1964 (EXCLUSIVE OF FOREST PLANTING)

OWNER		FEDERAL		OTH	ER PUBLIC (NON-	FEDERAL)		PRIVATELY OWN	IED		TOTAL - TABLE	5	Acres	STATE
STATE	Current	Previous years	Total	Current	Previous years	Total	Current	Previous years	Total	Current year	Previous years	Total	in a mile	Sints
Alabama	0	248	248	0	D	0	0	0.	0	0	248	248	0	Alabama
Maska	0	0	0	0	0	0	D	0	0	0	0	0	0	Alaska
Arizona	228	8,151	8,379	0	0	0	D	972	972	228	9,123	9,351	0	Arizona
rkansas	0	0	0	0	0	0	0	0	0	0	0	0	0	Arkansas
California	0	388	388	0	0	0	439	B.670	9.109	439	9.058	9,497	254	California
olorado	11	193	204	90	64	174	1,922	29,579	31,501	2,023	29,856	31,879	10	Colorado
Connecticut	0	0	0	0	0	0	0	0.	0	0	0	0	0	Connecticut
Delaware	0	78	78	0	0	0	0	0	0	0	78	78	0	Delaware
Florida	0	508	508	0	0	0	0	0	. 0	0	508	508	0	Florida
	0	28	28	0	0	0	0	0	0	0	28	28	0	Georgia
Georgia	0	1	1	2	10	12	74	1,845	1,919	76	1,856	1,932	2	Hawaii
lawai1		60	60	0	0	0	217	9,994	10,211	217	10,054	10,271	4.2	Idaho
Idaho	0					0		2,600	2,600	2	2,610	2,612	0	Illinois
llinois	2	10	12	.0.	0		380			380			2.4	Indiana
Indiana	0	91	91	0	0	0		16,211	16,591		16,302	16,682		
Lowa	30	46	76	0	0	0	0	28,096	28,096	30	28,142	28,172	0	Iowa
Kansas	40	278	318	0	0	0	1,860	217,213	219,073	1,900	217,491	219,391	10.3	Kansas
Kentucky	4	0	4	0	1	1	4	86	90	8	87	95	1.4	Kentucky
Louislans	0	0	0	0	0	0	0	0	0	0	0	0	.0	Louisiana
Maine	0	0	0	0	0	0	0	0	0	0	0	0	0	Maine
daryland	0	0	0	22	17	39	22	198	220	44	215	259	10.6	Maryland
dassachusetts	0	10	10	0	0	0	.0	0	0	0	10	10	0	Massachusetts
iichigan	50	1	51	0	0	0	300	8,098	8,398	350	8,099	8,449	1.6	Michigan
finnesota	0	79	79	0	0	.0	3,454	25,079	28,533	3,454	25,158	28,612	.0	Minnesota
Mississippi	0	9	9	0	0	0	0	0	0	0	9	9	0	Mississippi
Missouri	0	188	188	0	4	A	490	2,271	2,761	490	2,463	2,953	4	Missouri
Montana	86	507	593	0	10	10	1,749	22,724	24,473	1,835	23,241	25,076	5.8	Montana
Nebraska	4	1,102	1.106	0	0	0	6,190	337,313	343,503	6,194	338,415	344,609	8	Nebraska
	0		3,813	18	53	71	106	945	1,051	124	4,811	4,935		Nevada
levada		3,813	3,613	0	0	0	0	0	0	.0	0	0	0	New Hampshire
New Hampshire	0	0	3	0	0	0	0	0	0	3	0	4	0	New Jersey
New Jersey					10	84	131	4,491	4,622	250	10,305	10,555	2.4	New Mexico
lew Mexico	45	5,804	5,849	74	10		131	4,491	4,022	10	38	48	0	New York
New York	10	38	48	0		0	0	0	0	0	132	132	0	North Carolina
North Carolina	0	132	132	0	0	0							4.1	North Dakota
North Dakota	99	3,119	3,218	0	0	0	12,206	175,227	187,433	12,305	178,346	190,651		
Ohio	85	10	95	22	30	52	106	2,610	2,716	213	2,650	2,863	3.7	Ohio
Oklahoma	6	227	233	0	244	244	327	60,257	60,584	333	60,728	61,061	4	0klahoma
Oregon	0	72	72	48	0	48	60	189	249	108	261	369	2	Oregon
Pennsylvania	42	72	114	0	0	0	0	0	0	42	72	114	0	Pennsylvania
Rhode Island	Q	1	1	0	0	0	0	0	0	0	1	1	0	Rhode Island
South Carolina	0	25	25	0	0	0	0	.0	.0	0.	25	25	0	South Carolina
South Dakota	229	3,700	3,929	542	4,892	5,434	6.735	145,179	151,914	7,506	153,771	161,277	10.2	South Dakota
Tennessee	0	54	54	0	0	0	0	0	0	0	54	54	0	Tennessee
l'exas	5	280	285	25	19	44	1,004	30,779	31,783	1,034	31,078	32,112	5.5	Texas
Utah	Ó	572	572	3	89	92	193	2,927	3,120	196	3,588	3,784	4	Utah
Vermont	0	o o	0	0	0	0	0	0	0	0	0	0	0	Vermont
Virginia	0	54	54	0	0	0	0	141	141	0	195	195	0	Virginia
Washington	8	21	29	0	0	0	103	10,235	10,338	111	10,256	10,367	2.9	Washington
	1	14	15	0	D	0	0	0	0	1	14	15	0	West Virginia
West Virginia	0	15	15	0	0	0	0	7,600	7,600	0	7,615	7,615	0	Wisconsin
Wisconsin Wyoming	16	764	780	13	558	571	453	12,319	12,772	482	13,641	14,123	1	Wyoming
TOTAL - 50 STATES	1,004	30,763	31,767	859	6,021	6,880	38,525	1,163,848	1,202,373	40, 388	1,200,632	1,241,020		TOTAL - 50 STAT
2 17 12 2 P. 11 7 7 2 P. 12	1000	0	31,767	0	0	0,000	62	1,275	1,337	62	1,275	1,337	2.4	Puerto Rico
Puerto Rico	0	-				1	1	1	-	+			-,,	
GRAND TOTAL	1,004	30,763	31,767	B59	6,021	6,880	38,587	1,165,123	1,203,710	40,450	1,201,907	1,242,357		GRAND TOTAL

Table 6

### SUMMARY OF TREE PLANTING 1964

contract.				yo	REST PLANTIN	G				WINDBAR	NIED PLANTIN	Ģ .				-
STATE		TABLE 1 FEDERAL ACRI	15	OTHER PURI	TABLE I IC (NON-PEDE	RAL) ACDES		TABLE 3			TABLE 5		FO	GRAND TOTAL SEST AND WINDE	LARIER	STAT
	Cuttent	Previous years	Total	Current year	Previous	Total	Current	Previous years	Total	Durrent year	Previous years	Total	Correct	Previous years	Total	
Alakona	8,755	104, 431	F13,186	2,089	8,306	10,395	67,390	1,152,283	1,219,673	D	248	248	78,234	1,265,268	1,343,502	Alabama
Alabba	115	4,660	4,775	0	a	α	0	a	a	D	D	O.	115	4,660	4,775	Alsoni
Artzona	756	5,496	5,252	0	U	0	α	237	237	229	9,123	9,351	984	14,856	15,840	Arizona
Arkansas	6,765	59,119	65,884	63	7,020	7,083	11,826	391,033	402,859	0	0	0	18,654	457,172	475,826	Arkensa
California	24,620	163,841	188,461	376	2,220	2,596	9,295	73,757	83,052	439	9,058	9,497	34,730	248,876	283,606	Ealifor
Colorado	7,925	85,060	92,985	7.5	340	415	35	4,459	4,494	2,023	29,856	31,879	10,058	119.715	129,773	Dolorad
Connecticut	0	0	.0	701	15,950	16,151	1,352 728	36,001	37,353	D	78	78	1,553 743	51,951	53,504	Donnect
Delaware	9,620	51	51 84,716	5,723	854	59,537	128,820	1,798,842	1,927,662	D	508	508	144,163	1,938,260	8,976 E,082,425	Delawar
Florida	4,980	75,096 53,840	58,820	665	23,317	23,982	108,889	2,034,091	2,142,980	n	28	29	114,534	2,111,276	2,225,810	Placida
Georgia Hawail	4,980	0 0	0.00	3,176	43,661	46,837	367	63,900	64,287	76	1,856	1,932	3,639	109,417	113.056	Georgia Hawali
Idaho	14,968	144,968	159,936	140	1,308	1,448	434	8,487	8,921	217	10,054	10,271	15,759	164,817	180,576	1 daho
Illinois	1,978	53,909	55,887	794	19,149	19,943	3,763	106,333	110,095	2	2,610	2,612	6,537	182,001	188,538	IIItnoi
Indlana	1.292	31,300	32,592	332	30,710	31,042	3,871	95,784	99,655	380	16,302	16,682	5,875	174,096	179.971	Indiana
love	72	2,351	2,423	347	9,271	9,618	1,252	46,902	48, 154	30	28,142	28,172	1,701	86,866	68,367	Towa
Laness	20	164	184	0	4,000	4,000	824	26,655	27,479	1,900	217,491	219,391	2,744	148,310	251,054	Engran
Kentucky	1,992	6,376	8,368	372	11,003	11,375	17,743	144.610	162,353	8	87	95	20,115	162,076	162, 191	Eentuck:
Louisisne	6,018	156,702	162,720	16	13,420	13,436	52,844	1,302,107	1,354,951	0	0	0	58,878	1,472,229	1,531,107	Loutsta
Maine	21	690	711	84	2,336	2,420	3,258	47,566	50,624	0	0	D	3,363	50,597	53,955	Haine
Haryland	118	23	141	919	12,653	13,572	4,606	68,334	72,940	44	215	259	5,687	61,225	86,912	Harylan
Massachusetts	0	529	529	330	54,168	64,498	816	41,044	41,860	0	10	10	1,146	105,751	106,897	Mannach
Michigan	13,428	619, 284	632,712	8,188	442,626	450,814	25,233	413,501	436,734	350	8,099	6,449	47,199	1,483.510	1,530,709	Michiga
Minnesora	9,985	188,388	198,373	14,410	157,533	171,943	15,479	238,177	252,656	3,454	15,158	28,612	42,328	609,256	651,584	Minneso
Mississippi	7,880	232,536	240,416	572	14,664	15, 236	71,030	1,219,554	1,290,584	490	2,463	2,953	79.462 14,470	1,466,763	1,546,245 171,625	Hissour
Missouri Montana	6,790 9,277	89,437 58,059	96,227 77,336	1,037	8,658	9,695	1,001	56,597 5,188	6,189	1,835	23,241	25,076	12,289	98,290	110,579	Montana
Nebraska	427	31, 981	32, 408	14	1,714	1,728	320	20,622	20,942	6,194	338,615	344,509	6,955	392,732	399,687	Nabrask
Nevada	17	531	548	0	17	17	0	25	25	124	4,811	4,935	141	5,364	5,525	Nevada
New Rampahire	9	1,220	1,229	120	13,378	13,498	1,200	40,080	41,280	0	0	0	1,329	54,678	56,007	New Ham
New Jersey	-48	733	781	245	14,144	14,389	383	37,260	37,643	3	0	3	679	52,137	52,816	New Jer
New Mexico	1,844	4,546	6,390	-0	4	4	63	4,349	4,412	250	10,305	10,555	2,157	19,204	21,361	New Mass
New York	9	4,473	4,482	3,012	554, 103	557,115	13,043	666,563	679,606	10	39	48	16,074	1,225,177	1,241,251	New Yor
North Caroline	4,620	31,284	35,904	1,611	23,451	25,062	45,905	598,954	644,859	0	132	132	52,136	653,821	705,957	North C
North Dakota	180	994	1,174	5	0	5	20	2,114	2,134	12,305	178,346	190,651	17,510	181,434	193,964	North D
Ohio	1,552	21,737	23,289	2,030	34,346	56,576	11,267	238,866	250,133	213	2,650	2,863	15,062	317,799	332,861	Ohto
Ok Lahoma	2,897	9,788	12,685	119	1,735	1,854	1,168	68,272	69,440	333	60,728	61,061	4,517	140,523	145,040	
Oregon	77,377	555,930	633,307	16,662	206,496	223,158	55,477	387,628	443,105	108	261	369	42,452	1,150,315 817,125	1, 299, 939 859, 577	Oregon Pennayl
Pennsylvanis	447	19,629	20,276	2,330	105,390	107,720	39,633 196	691,834	731,467	42	72	114	258	35,398	35,656	Ruode I
Rhode Island South Caroline	10,665	108, 481	119,146	5,613	56,045	61,658	56,820	1,036,104	1,092,924	0	25	25	73,098	1,200,655	1,273,753	South C
South Dakota	987	42,761	43,748	50	3,022	3,072	50	18,181	18,231	7,506	153,771	161,277	8,593	217,735	226,328	South D
Теппевесо	5,452	57,950	63,402	495	51,863	52,358	29,168	546,767	575,935	0	54	54	35,115	656,634	691,749	Tenness
Texas	2,414	67,364	69,978	270	4,129	4,399	30,248	500,800	531,048	1.034	31,078	32,112	33,966	603,571	637,537	Текия
Utab	1.681	6,039	7.740	10	90	100	62	1,057	1,119	196	3,588	3,784	1,949	10,794	12, 743	Urah
Vermont	0	1,430	1,438	94	8,572	8,666	1,924	64,154	66,078	0	0	0	7,018	74, 164	76,182	Vermont
Virginia	2,042	10,126	12.166	9.57	7,678	6,835	51,553	363,492	425,085	0	195	195	64,592	381,691	446,283	Virgini
Washington	19,925	246,810	266,735	9,086	121,692	130,728	29,821	328.785	358,606	114	10,256	10,367	58,943	707,543	766,486	Weehing
Mest Virginia	1,302	18,111	19,413	276	4,584	4,862	5,143	65,711	70,854	1	14	1.5	6,724	88,420	95,144	West Vi
Wiscomain	5,340	246,847	252,187	5,686	253,858	259,544	25,645	501,300	526,945	0	7,615	7,615	36,671	1,009,620	1,046,291	Wiscome
Wyoming	2,049	12,481	14,530	ū	ū	0	0	23	23	482	13,641	14,173	7,531	26,145	28,676	Wyenting
TOTAL - 50 STATES	278,659	3,646,025	3,926,684	86,849	2,457,460	2,546,309	945,178	15,589,023	16,534,201	40,388	1,200,632	1,241,000	1,353,074	22,895,140	24, 248, 214	TOTAL -
Puerto Rico	0	a	0	68	26,339	26,407	420	72,796	73,216	62	1,215	1,337	550	100,410	100,960	Puerto
GRAND TOTAL	278,639	3,648,025	3, 926,684	ME. 927	2,483,799	2,572,716	345,558	15,661.819	16,607,417	40,450	1,201,907	1,242,357	1,353,624	22,995,550	24,349,174	CHAND

Table 6

# SUMMARY OF TREE PLANTING 1964

STATE				M	DREST FLANTIN	IG.				WINDBAR	RIER PLANTIN	G				STATE
SIAIS		TABLE 1 FEDERAL ACR	ES	OTHER FIRM	TABLE I	RAL) ACRES		TABLE 3 VATE ACRES			CABLE 5		FO	GRAND TOTAL REST AND WINDE/	RRIER	Santa .
	Current year	Previous years	Total	Gurrent year	Previous years	Total	Current year	Previous years	Total	Durrent	Previous	Total	Corrent year	Previous years	Total	
alabons	6,755	104,431	113,186	2,089	8,306	10,395	67,390	1, 152, 283	1,229,673	n	248	248	78,234	1,265,268	1,343,502	Alabama
Alasks	113	4,660	4,775	0	0	0.	0	a	D.	n	0	0	115	4,660	4,775	Alaska
Arizona	756	5,496	6,252	0	0	o o	0	237	237	228	9,123	9,351	984	14,856	15,840	Arizona
Arkansas	6,765	59,119	65,884	63	7,020	7,083	11,826	391,033	402,859	.0	0	0	10,654	457.172	475,826	Arkansas
California	24,620	163.644	168,461	376	2,220	2,596	9,295	73,757	83,052	439	9,058	9,497	34,730	248,875	283,606	California
Colorado	7,925	85,060	92,985	75	340	415	35	4,459	4,494	2,023	29,856	31,679	10,058	119,715	129,773	Colorado
Connectique	0	. 0	0	201	15,950	16, 151	1,352	36,001	37,353	0	0	0	1.553	51,951	53,504	Connecticut
Delaware	0	51	51	15	834	869	728	7,250	7,978	0	78	78	763	8,233	8,976	Delaware
Plorida	9,620	75,096	84,716	5,723	63,814	59,537	128,820	1,798,842	1,927,662	0	508	508	144,163	1,938,260	2,082,423	Florida
Georgia	4,980	53,840	58,820	665	23,317	23,982	108,889	2,034,091	2,142,980	0	28	26	114,534	2,111,276	2,225,810	Georgia
Hawaii	0	0	0	3,176	43,661	46,837	387	63,900	64,287	76	1,856	1,932	3,639	109,417	113,056	Hawai1
Idaho	14,968	144,968	159,936	140	1,308	1,448	434	8,487	8,921	217	10,054	10,271	15,759	164,817	180,576	1daho
Illinois	1,978	53,909	55,887	794	19,149	19,943	3,763	106,333	110,096	2	2,610	2,612	6,537	182,001	188,538	Illingis
Indiana	1,292	31,300	32,592	332	30,710	31,042	3,871	95,784	99,655	380	16,302	16,682	5,875	174,096	179,971	Indiana
Iowa	72	2,351	2,423	347	9,271	9,618	1,252	46,902	48, 154	30	28,142	28,172	1,701	86,666	88,367	Iowa
Kanada	20	164	184	.0	4,000	4,000	824	26,655	27,479	1,900	217,491	219,391	2,744	248,310	251,054	Kansas
Kentucky	1,992	6,376	8,368	372	11,003	11,375	17,743	144,610	162,353	8	47	95	20,115	162,076	182, 191	Kentucky
Louisiana	6,018	156,702	162,720	16	13,420	13,436	52,844	1,302,107	1,354,951	0	0	0	58,978	1,472,229	1,531,107	Louisiana
Maine	21	690	711	84	2,336	2,420	3,258	47,566	50,824	0	0	0	3,363	50,592	53,955	Malne
Maryland	118	23	141	919	12,653	13,572	4,605	68,334	72,940	44	215	259	5,687	81,225	86,912	Maryland
dassachusetts	0	529	529	330	64,168	64,498	816	41,044	41,860	0	10	10	1,146	105,751	106,897	Massachusetts
Michigan	13,428	619,284	632,712	8.188	442,626	450,814	25,233	413,501	438,734	350	11,099	8,449	47,199	1,483,510	1,530,709	Michigan
Minnesota	9,985	188,388	198,373	14,410	157,533	171,943	14,479	238,177	252,656	3,454	25,158	28,612	42,328	609,256	651,584	Minnesota
Mississippi	7.880	232,536	240,416	572	14,664	15, 236	71,030	1,219,554	1,290,584	0	9	9	79,482	1,468,763	1,546,245	Mississippi
Missouri	6,790	89,437	96,227	1.037	8,658	9,695	6,153	56,597	52,750	490	2.463	2,953	14,470	157,155	171,625	Missouri
Montane	9,277	68,059	77,336	176	1,802	1,976	1,001	5,188	6,189	1,835	23,241	25,076	12,289	98,290	110,579	Montana
Nebraska	427	31, 981	32, 408	14	1,714	1,728	320	20,622	20,942	6,194	338,415	344,609	6,955	392,732	399,687	Nebranka
Nevada	17	531	548	0	1.7	17	0	25	25	124	4,811	4,935	141	5,384	5,525	Nevada
New Hampshire	9	1,220	1,229	120	13.378	13,498	1,200	40,080	41,280	0	0	0	1,329	54,678	56,007	New Hampshire
New Jersey	48	733	781	245	14,144	14,389	383	37,260	37,643	3	0	3	679	52,137	52,816	New Jersey
New Messica	1,844	4,546	6,390	0	4	4	53	4,349	4,412	250	10,305	10,555	2,157	19,204	21,361	New Mexico
New York	9	4,473	4,482	3,012	554, 103	557, 115	13,043	666,569	679,606	10	38	48	16,074	1,225,177	1,241,251	New York
Borth Carolina	4,620	31,284	35,904	1,611	23,451	25,062	45,905	598,954	644,859	0	132	132	52,136	653,821	705,957	North Carolina
North Dakota	180	994	1,174	5	0	5	20	2,114	2,134	12,305	178,346	190,651	12,510	181,454	193,964	North Dukote
Ohio	1,552	21,737	23,289	2,030	54,546	56,576	11,267	238,866	250, 133	21.1	2,650	2,863	15,062	317,799	332,861	Ohio
Ok lahoma	2,897	9,788	12,685	119	1,795	1,854	1,168	68,272	59,440	333	50,728	61,061	4,517	140,523	145,040	Oklahoma
Dregon	77,377	555,930	633,307	16,662	206,496	223,158	55,477	387,628	443,105	108	261	369	149,624	1, 150, 315	1,299,939	Oregon
Pennsylvania	447	19,829	20,276	2,330	105,390	107,720	39,633	691,834	731,467	42	72	114	42,452	817.125	859,577	Pennsylvania
Rhode Island	0	41	41	62	11,966	12,028	196	23,390	23,586	D	1	1	258	35,398	35,656	Rhode Island
South Carolina	10,665	108,481	119,146	5,613	56,045	61,658	56,820	1,036,104	1,092,924	D	25	25	73,098	1,200,655	1,273,753	South Caroling
South Dakota	987	42,761	43,748	50	3,022	3,072	50	18,181	18,291	7,506	153,771	161,277	8,593	217.735	226.328	South Dakots
l'emeasee	5,452	57,950	63,402	495	51,863	52,358	29,168	546,767	575,935	0	54	54	35,115	656,634	691,749	Tennessee
Conas	2,414	67,564	69,978	270	4,129	4,399	30,248	500,800	531,048	1,034	31,078	32,112	33,966	603,571	637,537	Texas
Utab	1,681	6,059	7,740	10	90	100	62	1,057	1,119	196	3,588	3,784	1,949	10.794	12,743	Utah
7ermont	0	1,438	1,438	94	8,572	8,666	1,924	64,154	66,078	0	0	0	2,018	74,164	76,182	Vermont
irginia	2,042	10,126	12,168	957	7,878	8,835	61,593	363,492	425,085	D	195	195	64,592	361,691	446,283	Virginia
lashington	19,925	246,810	266,735	9.086	121,692	130,778	29,821	328,785	358,606	114	10,256	10,367	58,943	707,543	766.486	Washington
West Virginia	1,302	18,111	19,413	278	4,584	4,862	5,143	65,711	70,854	1	14	15	6,724	88,420	95,144	West Virginia
Wisconsin	5,340	246,841	252,187	3,686	253,858	259,544	25,645	501,300	526,945	n	7,615	7,515	36,671	1,009,620	1,046,291	Wisconsin
dyoming	2,049	12,481	14,530	0	0	0	0	23	23	482	13,641	14,123	2,531	26,145	28,676	Wyoming
TOTAL - 50 STATES	278,659	3.648,025	3,926,684	88,849	2,457,460	2,546,309	945,178	15,589,023	16,534,201	40,388	1,200,632	1,241,020	1,353,074	22,895,140	24,248,214	TOTAL - 50 STAT
Puerto Rico	Ø	Ü	.0	68	26,339	26,407	420	72,796	73,216	62	1,275	1,337	550	100,410	100,960	Puerto Rico
GRAND TOTAL	278,659	3,648,025	3, 920,084	88,917	2,483,799	3,572,716	945,598	15,661,819	16,607,417	40,450	1,201,907	1,247,357	1,353,624	12,995,550	24,349,174	DRAWD TOTAL

THE QUANTITY OF FOREST AND WINDBARRIER STOCK AVAILABLE 1964

STATE	CLARK-MCNARY PROGRAM	OTHER PROGRAM	ALL DISTRIBUTION	AVERAGE PRIC
	Thousands of trees	Thousands of trees	Thousands of trees	Dollars
A1a bans	35,845	1,169	37,014	3.90
Alaska	0	0	0	0
Arizona	0	0	0	0
Arkansas	7,138	0	7,138	4,50 12,08
California Colorado	2,304	326 78	2,630	50.35*
Connecticut	1,375	194	1,569	18.00
Delaware	812	16	828	0
Florida	61,064	5,162	66,226	4,12
Georgia	36,790	916	37,706	4.16
Hawaii	1,735	0	1,735	0
Idaho	541	0	541	21.00
Illinois	4,517	46	4,563	13.43
Indiana	4,656	105	4,761	14.45
Iowa	1,359	175	1,534	21.92
Kansas	1,446	0	1,446	50.00
Kentucky	13,349	385	13,734	8.00 4.75
Louisiana Maine	31,156 2,960	619	31,156	13.00
Maryland	5,093	42	5,135	13.00
Massachusetts	333	155	486	23,00
Michigan	11,625	0	11,625	11.54
Minnesota	27,508	0	27,508	10.00
Mississippi	52,800	572	53,372	4.50
Misuouri	6,298	4,000	10,298	6.28
Montana	1,054	0	1,054	33.46
Nebraska	2,310	0	2,310	53.15
Nevada	90	0	90	81.33
New Hampshire	1,256	57	1,313	10.61
New Jersey	628	25	653	14.60
New Mexico	114	40	154	45.00
New York North Carolina	16,055	0	16,055	10.00
North Carolina North Dakota	32,475 889	1,804	34,279	27.50
Ohio	11,782	1,105	12,887	10.00
Ok lahoma	1,131	882	2,013	6.65
Oregon	10,665	9,659	20,324	12,10
Pennsylvania	14,718	1,167	15,885	7.00
Rhode Island	229	0	229	20.00
South Carolina	42,389	9,057	51,446	4,09
South Dakota	1,100	0	1,100	43.70
Tennessee	17,570	880	18,450	4.17
Texas	4,068	400	4,468	5.92
Utah .	153	23	176	40.78
Vermont	1,963	0	1,963	15.30
Virginia	30,308	2 501	30,308	4.38 17.30
Washington West Virginia	7,202 5,048	3,601 255	10,803	10.92
Wisconsin	25,136	342	25,478	18.53
Wyoming	165	5	170	40.00
TOTAL - 50 STATES	534,639	43,142	577,781	
Puerto Rico	790	32	822	0
GRAND TOTAL	535,429	43,174	578,603	

	QUAN	TITIES SHIPPED BY	PART 7B THE VARIOUS CLAS	SES OF NURSERIES.		
FEDERAL NURSERIES	STATE NURSERIES	OTHER PUBLIC NURSERIES	INDUSTRY NURSERIES	COMMERCIAL NURSERIES	TOTAL	STATE
Thousands of trees	Thousands of trees	Thousands of trees	Thousands of trees	Thousands of trees	Thousands of trees	
0	37,799	0	12,302	0	50,101	Alabama
0	0	0	0	0	0	Alaska
D	0	0	0	0	0	Arizona
0	5,199	0	0	0	5,199	Arkansas
16,600	2,630	236	0	678	20,144	California
1,202	477	0	0	0	1,679	Colorado
0	1,900 748	0	0	48	1,948	Delaware
0	56,307	0	22,419	0	88,726	Florida
0	39,097	0	50,351	0	89,448	Georgia
0	1,735	0	0	0	1,735	Hawaii
11,252	521	0	a	0	11,773	Idaho
0	4,736	0	0	0	4,736	Illinois
8,931	3,590	0	0	0	12,521	Indiana
0	1,326	0	0	175	1,501	Iowa
0	0	0	0	806	806	Канвав
0	12,972	0	0	1,319	14,291	Kentucky
0	32,193	0	6,190	0	38,383	Louisiana
0	3,292	0	0	2,500	5,792	Maine
0	5,429	0	0	0	5,429	Maryland
0	388	.0	0	70	458	Massachusetts
15,088	11,625	11,211	750	9,678	48,352	Michigan
3,110	27,509	0	2,016	0	32,635	Minnesota
24,301	53,372	0	0	0	77,673	Mississippi
0	10,242	0	0	0	10,242	Missouri Montans
1,102	1,078	0	68	1,835	8,000	Nebraska
7,364	60	0	0	0.50	60	Nevada
0	1,351	0	0	0	1,351	New Hampshire
ő	653	0	0	0	653	New Jersey
0	0	0	0	0	0	New Mexico
0	15,955	0	0	6,558	22,513	New York
0	39,978	0	12,000	0	51,978	North Carolina
0.	1,286	7,536	0	0	8,822	North Dakota
0	13,393	0	0	0	13,393	Ohio
0	1,422	0	0.	0	1,422	Ok lahoma
6,151	20,297	0	3,511	375	30,334	Oregon
0	15,937	0	0	35,000	50,937	Pennsylvania Rhode Island
0	0	0	0	0	0	South Carolina
0	50,815	0	4,542		55,357 3,468	South Carolina South Dakota
7,626	418 18,379	0	18,500	3,050	44,505	Tennessee
0	5,508	0	10,000	750	16,258	Texas
0	176	0	10,000	750	176	Utah
0	1,961	0	0	0	1,963	Vermont
0	24,575	0	13,324	0	37,899	Virginia
11,885	15,871	0	3,000	1,000	31,756	Washington
0	5,680	0	0	50	5,730	West Virginia
0	25,488	403	5,121	1,500	32,512	Wisconsin
0	0	0	0	0	0	Wyoming
114,612	583,370	19,386	164,094	66,028	947,490	TOTAL - 50 STATE
0	822	0	0	0	822	Puerto Rico
114,612	584,192	19,386	164,094	66,028	948,312	GRAND TOTAL

<sup>\*</sup> Does not include potted stock.