

NUMBER 30

JANUARY 1958



# TREE PLANTERS' NOTES

A Publication for Nurserymen and Planters  
of Forests and Shelterbelts



## CONTENTS:

ANNUAL PLANTING REPORT - 1957  
FOREST TREE NURSERIES IN THE U. S. - 1957

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
WASHINGTON 25, D. C.

## TREE PLANTER'S NOTES NO. 30

This issue of Tree Planters' Notes consists of the report of the Nation's forest and windbarrier planting work undertaken in fiscal year 1957, and a list of the forest tree nurseries which shipped planting stock in 1957. These two publications are enclosed in this jacket, separately bound so that they may be put with the similar reports of previous years if you care to do so. They are entitled:

Forest and Windbarrier Planting Undertaken in the United States During 1957

Forest Tree Nurseries in the United States - 1957

Location and ownership  
Name of resident nurseryman  
Production in fiscal year 1957

The sources and limitations of the data are set forth in the two publications themselves. We urge that any errors, omissions, or suggestions for improvement in the data be called to our attention.

**1957**  
(July 1, 1956—June 30, 1957)  
**REPORT OF**  
**FOREST AND WINDBARRIER PLANTING**  
*UNDERTAKEN*  
**IN THE UNITED STATES**



Compiled from information furnished by the State Foresters and other appropriate public officials of each state and federal agency concerned.

U. S. DEPARTMENT OF AGRICULTURE  
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1957  
REPORT OF FOREST AND WINDBARRIER PLANTING UNDERTAKEN  
IN THE UNITED STATES

(July 1, 1956 - June 30, 1957)

Acres planted--fiscal 1957 and before

Tree planting during the fiscal year 1957 (July 1, 1956 to June 30, 1957) as reported by various public agencies, principally the State Foresters, was as follows:

	<u>Acres</u>
Forest plantings .....	1,139,431
Windbarrier plantings .....	<u>31,559</u>
Total .....	1,170,990

This is a new record--higher by nearly 256,000 acres than the previous record set in 1956.

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

<u>Year</u>	<u>Acres</u>
1957 .....	1,170,990
1956 .....	915,428
1955 .....	812,588
1954 .....	811,066
1953 .....	715,548
1952 .....	522,935
1951 .....	456,368
1950 .....	497,507
1940 .....	519,051
1930 .....	138,970

Because of the increased supply of planting stock available, it is forecast that at least 1 1/2 million acres will be planted in 1958,

The total amount of planting in each State is shown, by class of owners and purpose, in Table 5 of this report. The ten States in which more than 50,000 acres were planted in 1957 are =

Florida .....	218,860
Georgia .....	91,648
Mississippi .....	78,729
Louisiana .....	76,091
Alabama .....	73,106
South Carolina .....	65,812
North Carolina .....	58,779
Oregon .....	58,202
Michigan .....	56,262
Pennsylvania .....	50,706

An analysis of the year's data reveals increases and decreases of planting efforts by the three broad ownership classes as follows:

The Federal government planted 106,467 acres of forest and 1,985 acres of windbarriers in 1957 on lands administered by its various agencies, a total of 108,452 acres. This is approximately 22,500 acres or 26 percent more than in 1956.

The States and other non-Federal public agencies planted 64,449 acres of forest and 195 acres of windbarriers, a total of 64,644 acres. This is approximately 2,000 acres or 3 percent more than in 1956.

Private landowners planted 968,515 acres of forest and 29,379 acres of windbarriers, a total of 997,894 acres. This is about 231,000 acres or 30 percent more than in 1956, but all States did not report increases, as shown below.

In 29 States, plus Hawaii and Puerto Rico, private planting increased by 279,000 acres over 1956. Some of these increases were of extraordinary size, for example:

	<u>Acreege increase in 1957 over 1956</u>
Florida .....	131,800
North Carolina .....	25,100
South Carolina .....	22,900
Alabama .....	22,400
Louisiana .....	15,800
Virginia .....	11,800
Wisconsin .....	10,900

In 10 States , private planting did not change 10 percent from what it was in 1956.

In 9 States private planting decreased by 50,000 acres. Most of this decrease occurred in two States as a result of unusual nursery production problems. A great upsurge of planting is expected for them next year.

Eighty percent of all the forest planting is being done on privately owned lands. States in which private owners planted more than 20,000 acres in 1957 are:

Acres of privately owned forest planting

Florida .....	209,737
Georgia .....	85,170
Louisiana .....	73,995
Mississippi.....	72,145
Alabama .....	71,910
North Carolina.....	55,885
South Carolina .....	53,507
Pennsylvania .....	50,318
Michigan.....	39,090
Tennessee .....	36,926
Wisconsin .....	32,081
Virginia .....	31,435
New York .....	27,600
Texas .....	23,107
Arkansas .....	20,350

More than a third of this private land forest planting is being done by industrial organizations on their own lands. In 1957 forest industries planted 310,636 acres, 53,698 acres more than in 1956; and other industries planted 71,957 acres, 25,818 more than in 1956. States in which industries were especially active in reforesting their lands during 1957 are:

Acres reforested by Industry

Florida .....	94,295
Louisiana .....	38,740
Georgia .....	38,121
North Carolina.....	28,451
Alabama .....	24,510
Pennsylvania .....	23,894
South Carolina .....	22,497
Virginia .....	15,878
Tennessee.....	15,136
Oregon .....	14,726
Mississippi.....	11,691
Arkansas .....	11,211

In many States the planting of industry-owned land would increase greatly if planting stock were more abundant, The number of forest-industry-owned nurseries has increased each year. There are now 22 such nurseries in operation, an increase of 4 over 1956, and ten more will make their first shipments in 1958.

Windbarrier planting was reported from 32 States and amounted to 31,559 acres, classed as follows:

	<u>Acres</u>
Federal land .....	1,985
Other public land .....	195
Private land .....	<u>29,379</u>
 Total	 31,559

This is about 3,800 acres more than was reported in 1956.

The need for windbarriers exists mostly on private lands and as the above figures show, most of this type of planting is done there. The States in which the farmers and ranchers are most active in this form of tree planting are:

	<u>Acres</u>
North Dakota .....	9,615
South Dakota .....	8,002
Nebraska .....	4,365
Kansas .....	1,558
Colorado .....	1,066
Washington .....	928

Total	25,534 acres (81%)
All other windbarrier planting	6,025 acres (19%)

#### Availability of planting stock

All public and private nurseries together produced 1.1 billion trees in 1957 - a quantity 24 percent greater than any previous year. But this record output was not enough. It is estimated that landowners would have planted between 1 1/2 and 1 3/4 billion trees had they been available. Very few States reported that they were able to fill all orders. Some States, especially in the South had shortages of 50 million or more.

Forest tree nursery activities for 1957 are summarized as follows:

	<u>Active nurseries</u>	<u>Output of trees</u>	
Federal:			
Forest Service .....	12	106,134,000	
Tennessee Valley Authority....	<u>1</u>	<u>20,970,000</u>	
	13		<u>127,104,000</u>
State:			
State foresters or equivalent ..	<u>92</u>	<u>786,288,000</u>	
	92		<u>786,288,000</u>
Other public:			
Soil Conservation Districts ...	6	8,869,000	
County and municipal.....	<u>4</u>	<u>407,000</u>	
	10		<u>9,276,000</u>
Industry:			
Paper companies .....	16	83,349,000	
Lumber and land companies ..	<u>6</u>	<u>17,364,000</u>	
	22		<u>100,713,000</u>
Commercial:			
Private companies	<u>53</u>	<u>78,090,000</u>	
	53		<u>78,090,000</u>
Total.....	190		1,101,471,000
(Total 1956)	187		885,968,000

For additional details, see Table 6 of this report and also "Forest Tree Nurseries in the United States--1957," published by the Forest Service, United States Department of Agriculture.

The Federal nurseries that operated in 1957 were the 12 of the Forest Service and one of the Tennessee Valley Authority. Together they produced 127,104,000 trees, in comparison with 141,850,000 in 1956. Most of the Forest Service nursery trees were planted in national forests, but some were planted on lands of the Atomic Energy Commission and flood-control projects, and in a few States on private lands through the cooperative tree distribution programs (C-M4). Nursery stock from the TVA went to private lands through the established programs of that Agency. A TVA nursery in Alabama which closed in 1955 is being reactivated to produce trees for the Soil Bank Conservation Reserve planting program.



The 1957 production of State nurseries was 786,288,000 plants, in contrast to the 1956 production of 580,884,000. The principal producers among the States were:

	<u>Number of trees</u>
Florida .....	155,272,000
Georgia .....	78,952,000
Alabama .....	61,478,000
North Carolina.....	57,471,000
South Carolina.....	55,384,000
Louisiana .....	42,867,000
Virginia .....	30,887,000
New York .....	30,776,000
Mississippi.....	29,517,000
Wisconsin.....	28,851,000
Tennessee .....	28,628,000
Michigan .....	<u>26,028,000</u>
 Total for 12 States .....	 626,111,000 (80%)
 Total for 30 States and Hawaii and Puerto Rico .....	 160,177,000 (20%)

Six States do not operate State nurseries. They purchase their planting stock,

New State nurseries in Colorado, Florida, and Washington shipped trees for the first time in 1957, while a small one of the Kansas Fish and Game Department reported no tree shipments in 1957. Not shown in the above tabulation, because they shipped no trees in 1957, are 1 nursery on a standby basis, 4 producing only wildlife cover stock, and 17 under construction in 15 states. Utah is closing one nursery and opening a new one. Thus the number of State nurseries shipping trees increased from 90 in 1956 to 92 in 1957.

Most of the stock from the State nurseries was produced under the Federal-State cooperative tree distribution program (C-M4). Some of it was planted on State or other non-Federal public lands, but most of it was used on privately owned land, frequently with the help of the Agricultural Conservation Program or the Conservation Reserve portion of the Soil Bank Program.

The demand for additional planting stock created by the Soil Bank's Conservation Reserve program is being met in part by commercial nurseries but largely by increasing the capacities of State nurseries. Twenty-nine State nurseries are being enlarged and 16 additional ones are being built with the help of Soil Bank funds. It is estimated that this additional capacity will supply nearly 400 million additional trees for the 1958 planting year, and 500 million for 1959.

Most of the production from forest industry nurseries goes to company lands, although some is distributed through a variety of company programs to private landowners, often free or nearly free, for planting on their own lands. Four new forest industry nurseries began producing trees in 1957. Two very small ones in Washington did not report. Thus the number now stands at 22. Ten additional industry nurseries that will make their first shipments in 1958 are not included in this tabulation. The production of the 22 forest industry nurseries was 100,713,000 trees in 1957 in contrast to 20 that produced 77,307,000 in 1956 and 15 that produced 46,516,000 in 1955. The expected 32 nurseries might produce 150 or 160 million trees in 1958.

The stock from the Soil Conservation District nurseries all goes to District cooperators. The six previously reported nurseries all continued in operation and produced 6 percent more than they did in 1956.

The commercial nurseries reported a production of 78,090,000 plants for forest and windbarrier planting. They also estimated an additional production of 17 million plants that went into landscape uses, making a total of 95 million plants for this class of nursery. New commercial nurseries have been built in the last few years in Texas, Michigan, Pennsylvania, California, and Oregon. New ones in Montana and Georgia are expected to make their first shipments in 1958.

#### Direct seeding

Reforestation land by sowing seed directly upon the site, rather than by planting nursery stock, is increasing. The amount of such work is detailed in footnotes to Tables 1, 2 and 3 of this report, and is summarized below:

	<u>Acres</u>
Federal lands .....	6,450 (in 13 States)
State Forests .....	8,654 (Washington, Oregon)
Other Public lands .....	1,323 (Oregon)
Persons' lands.....	20 (Oregon)
Forest Industry lands.....	<u>16,246 (Oregon and Louisiana)</u>
 Total	 32,693
 Total for 1956	 11,143
 Total for 1955	 4,679

This increase in area reforested by direct seeding was made possible as a result of the discovery of various chemical compounds which, applied as a coating to the seed prior to sowing, repel the rodents or birds that would otherwise eat it. Actually the idea of direct seeding and of using a repellent to protect the seed from predation is not new, and the search for practical techniques with or without repellents has been carried on for years by various forest experiment stations, State forestry departments, colleges, and private landowners. Until recently, however, the chemicals available have not been consistently satisfactory enough to encourage much of this kind of work.

The protection of newly sown seed from rodents required total elimination of the rodents from the area by baiting. Since repopulation by reinvasion and reproduction occurred rapidly, it was also necessary to treat a buffer strip about 1/4 mile wide around the seeded area, and sometimes also apply a second overall treatment. This technique, although still used satisfactorily in certain situations, is costly, not adapted to small areas, and sometimes fails. Now an endrin-arasan formulation which repels the rodents and thus protects the seed until it germinates, is coming into use.

The protection of seed from birds, often migratory birds that were replaced each day by a new transient flock, has been almost impossible despite various measures to frighten the birds through the use of "shiners," noise makers, dyed seed, and "shot-gun" patrols. Now a new technique, using anthraquinone applied to the seed in an asphalt coating is proving effective with some kinds of seed in some localities.

The discovery of these chemicals and the development of the techniques for their use are the result of research being done by the United States Bureau of Sports Fisheries and Wildlife at its Denver Wildlife Research Laboratory in cooperation with the United States Forest Service and several private persons and corporations.

The use of chemical coatings, however, is not enough, for merely protecting the seed until it germinates does not insure its growth thereafter. To illustrate, the direct seeding of longleaf pine in Louisiana has been quite encouraging since the discovery of anthraquinone, but the results in other states, and with other species of southern pine, have not been entirely satisfactory. Frost, drought, and insects, all kill subsequent seedlings even though the mice or birds originally spared the seed, The development of suitable techniques of site preparation, sowing methods, covering with soil, and the like, must therefore accompany the development of repellents, and research and field trials to test new chemicals and develop improved techniques are under way in various parts of the country, As new chemicals are found and improved techniques develop, the amount of direct seeding is expected to increase.

The development of the bird repellents is also important in nursery work. Some nurseries use elaborate portable screens to protect seedbeds from bird depredations. Such screens are costly to guild, maintain, place, and remove, and are a major impediment to weeding and spraying. The chemical repellents have eliminated the screens entirely at a number of nurseries. To illustrate, a nursery in New England applied \$100 worth of anthraquinone with such success that plans for building \$10,000 worth of screens were cancelled.

#### The job done and to be done

The size of the job to be done, and our rate of progress towards restoring the final ultimate acre cannot be measured definitely. Not all of the acres planted develop into satisfactory stands. Neither does the area in need of planting remain constant, because logging, fire, epidemics, natural seeding, and changing land values all add to or subtract from the plantable areas. Thus, a year-to-year balance with debits, credits, and amounts forwarded, is not possible with planting statistics. The best that can be done is to periodically appraise the situation. An appraisal made in 1953 as a part of the study of the nation's timber resource shows the tree planting job to be done in continental United States at the beginning of fiscal year 1953. This is shown in the following tabulation:

TABLE A

PLANTABLE AREA OF COMMERCIAL AND NON-COMMERCIAL  
FOREST LAND AND NEEDED WINDBARRIER PLANTING  
IN CONTINENTAL UNITED STATES  
AS OF JANUARY 1, 1953

	Commercial forest land	Non-commercial forest land	Windbarrier	Total
<u>Thousands of acres</u>				
New England States	1,228	18	0	1,246
Middle Atlantic States	3,725	2	0	3,727
Lake States	7,651	636	200	8,487
Central States	7,869	402	124	8,395
Plains States	<u>975</u>	<u>448</u>	<u>2,337</u>	<u>3,760</u>
Total, North	21,448	1,506	2,661	25,615
S. Atlantic States	4,081	0	0	4,081
Southeastern States	14,214	0	0	14,214
West Gulf States	<u>3,652</u>	<u>0</u>	<u>0</u>	<u>21,947</u>
Total, South	21,947	0	0	21,947
Pacific Northwest States	2,468	354	10	2,832
California	4,104	3,107	0	7,211
N. Rocky Mountain States	1,169	105	190	1,464
S. Rocky Mountain States	<u>812</u>	<u>375</u>	<u>83</u>	<u>1,270</u>
Total, West	8,553	3,941	283	12,777
Total, Continental U.S.	51,948	5,447	2,944	60,339*

(From Timber Resource Review, chapter IX, A, table 19 review draft)

\*Does not include significant amounts of farmland that should be diverted from surplus crops.

TABLE B

AREA OF ACCEPTABLE PLANTATIONS ON COMMERCIAL AND  
NON-COMMERCIAL FOREST LAND AND AREA OF  
WINDBARRIER IN CONTINENTAL UNITED STATES  
AS OF JUNE 30, 1952

An appraisal of the acceptable plantations in continental United States at the beginning of the fiscal year 1953 is given in the following:

	Commercial forest land	Non-Commercial forest land	Windbarrier land	Total
	Thousands of acres			
New England States	159.5	0	0	159.5
Middle Atlantic States	779.9	43.0	0	822.9
Lake States	1,391.3	9.8	22.5	1,423.6
Central States	282.6	22.1	37.0	341.7
Plains States	55.8	12, 9	482.4	551.1
Total, North	2, 669. 1	87. 8	541.9	3,298.8
S. Atlantic States	300.4	0	0	300.4
Southeastern States	1,181.5	0	0	1,181.5
West Gulf States	494.8	0	0	494.8
Total, South	1,976.7	0	0	1,976.7
Pacific Northwest States	376.4	0	. 7	377.1
California	26.0	5.0	5.0	36.0
N. Rocky Mountain States	114.7	negligible	28.0	142.7
S. Rocky Mountain States	47.2	2.6	13.8	63.6
Total West	564.3	7.6	47.5	619.4
Total Continental U.S.	5,210.1	95.4	589.4	5,894.9

(From Timber Resource Review, chapter IX, A, table 18 review draft)

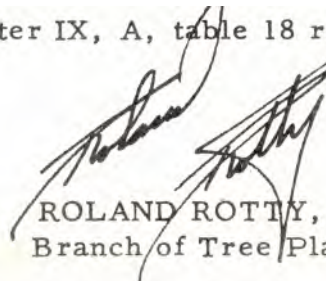
  
ROLAND ROTTLY, Chief  
Branch of Tree Planting Cooperati



Table 2

FOREST PLANTING UNDERTAKEN ON NON-FEDERAL PUBLIC LAND

(EXCLUSIVE OF WINDBARRIER PLANTING)

July 1, 1956 - June 30, 1957

Areas in acres

State	State Agencies						Other Public Agencies Towns, Boroughs, Counties and Public Schools			Total Table 2			State
	State Forest Land			Other State Lands			Current Year	Previous Years	Total	Current Year	Previous Years	Total	
	Current Year	Previous Years	Total	Current Year	Previous Years	Total							
Alabama	14	995	1,009	91	2,723	2,814	278	698	976	383	4,416	4,799	Alabama
Arizona	-	-	-	-	-	-	-	-	-	-	-	-	Arizona
Arkansas	-	-	-	-	114	114	20	529	549	20	643	663	Arkansas
California	53	245	298	181	642	823	30	128	158	264	1,015	1,279	California
Colorado	-	-	-	-	5	5	-	155	155	-	160	160	Colorado
Connecticut	5	10,258	10,263	2	648	650	3	3,593	4,246	10	14,499	14,509	Connecticut
Delaware	11	350	361	1	74	75	-	205	205	12	629	641	Delaware
Florida	1,544	11,592	13,136	1,386	2,575	3,961	79	1,585	1,664	3,009	15,752	18,761	Florida
Georgia	666	3,123	3,789	329	4,192	4,521	-	4,891	4,891	995	12,206	13,201	Georgia
Idaho	13	71	86	8	695	703	10	100	110	31	868	899	Idaho
Illinois	84	4,688	4,772	251	5,550	5,801	315	3,571	3,886	650	13,809	14,459	Illinois
Indiana	178	21,468	21,646	163	3,370	3,533	8	664	672	349	25,502	25,851	Indiana
Iowa	75	2,175	2,250	10	5,446	5,456	-	371	371	85	7,992	8,077	Iowa
Kansas	-	-	-	-	4,000	4,000	-	-	-	-	4,000	4,000	Kansas
Kentucky	254	1,362	1,616	-	411	411	4	393	397	258	2,466	2,424	Kentucky
Louisiana	-	5,353	5,353	-	445	445	-	6,107	6,107	-	11,905	11,905	Louisiana
Maine	-	322	322	5	133	138	62	350	312	67	1,305	1,372	Maine
Maryland	528	2,805	3,333	60	594	654	85	2,689	2,774	673	6,088	6,761	Maryland
Massachusetts	24	32,178	32,202	16	12,838	12,854	62	16,965	17,027	102	61,981	62,083	Massachusetts
Michigan	11,057	292,750	303,807	179	20,447	20,626	401	17,783	18,184	11,637	320,980	342,617	Michigan
Minnesota	2,923	44,893	47,816	1,152	21,613	22,765	2,401	13,023	15,426	6,476	79,531	86,007	Minnesota
Mississippi	20	2,669	2,689	99	1,245	1,344	-	523	523	119	4,431	4,550	Mississippi
Missouri	98	4,652	4,750	110	1,380	1,490	-	65	65	208	6,097	6,305	Missouri
Montana	22	65	87	3	9	12	-	-	-	25	74	99	Montana
Nebraska	-	200	200	-	576	576	-	870	870	-	1,646	1,646	Nebraska
Nevada	-	-	-	2	15	17	-	-	-	2	15	17	Nevada
New Hampshire	23	8,027	8,050	13	206	219	16	4,492	4,508	52	12,725	12,777	New Hampshire
New Jersey	2	11,284	11,286	290	883	1,173	-	1,551	1,551	292	13,718	14,010	New Jersey
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-	New Mexico
New York	3,660	400,790	404,450	165	25,923	26,388	671	95,822	96,493	4,796	522,535	527,331	New York
North Carolina	24	1,995	2,019	167	3,154	3,321	411	2,264	2,675	602	7,411	8,013	North Carolina
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-	North Dakota
Ohio	493	13,591	14,084	615	6,625	7,240	436	16,730	17,166	1,544	36,946	38,490	Ohio
Oklahoma	-	-	-	5	701	706	22	109	131	27	810	837	Oklahoma
Oregon	14,075*	78,949*	93,024*	69	1,123	1,192	2,540*	992	3,532*	16,664*	81,064*	97,716*	Oregon
Pennsylvania	817	61,342	62,159	304	13,562	13,866	303	13,675	13,978	1,124	88,579	90,003	Pennsylvania
Rhode Island	25	3,637	3,662	-	513	513	12	6,844	6,856	97	10,994	11,011	Rhode Island
South Carolina	579	12,029	12,608	925	8,320	9,245	52	1,617	1,669	1,554	21,966	23,522	South Carolina
South Dakota	22	391	413	144	1,692	1,836	-	-	-	166	2,083	2,249	South Dakota
Tennessee	221	25,508	25,729	77	1,095	1,172	8	766	774	306	27,469	27,675	Tennessee
Texas	41	575	616	40	478	518	-	2,016	2,016	81	3,069	3,150	Texas
Utah	-	-	-	-	40	40	-	-	-	-	40	40	Utah
Vermont	1	3,369	3,370	26	344	370	82	3,989	4,071	109	7,702	7,811	Vermont
Virginia	282	2,214	2,496	9	670	679	31	954	985	322	3,838	4,160	Virginia
Washington	5,054*	46,592*	51,646*	0	290	290	195	6,524	6,719	5,249*	53,655*	58,655*	Washington
West Virginia	2	1,835	1,837	40	861	901	8	529	537	50	3,225	3,275	West Virginia
Wisconsin	653	52,417	53,070	198	3,753	3,951	4,474	150,307	154,861	5,925	206,557	211,882	Wisconsin
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	Wyoming
Total Cont. U.S.	43,543*	1,166,753*	1,210,296*	7,435	159,973	167,408	13,019*	385,021	398,040*	63,997*	1,711,747*	1,775,744*	Total Cont. U.S.
Hawaii	200	36,469	36,669	9	151	160	-	153	153	209	36,773	36,982	Hawaii
Puerto Rico	239	21,331	21,570	-	3,574	3,574	4	468	472	243	25,373	25,616	Puerto Rico
GRAND TOTAL	43,982*	1,224,553*	1,268,535*	7,444	163,698	171,142	13,023*	385,642	398,665*	64,449*	1,773,893*	1,838,342*	GRAND TOTAL

\* Includes direct seeding as below.



# FOREST PLANTING UNDERTAKEN ON PRIVATELY OWNED LAND

(EXCLUSIVE OF WINDBARRIER PLANTING)

July 1, 1956 - June 30, 1957

Areas in acres

State	Persons, Clubs, Associations, and Private School Land			Forest Industry Land			Other Industry Land (Mining, RR., Water, Power Cos.)			Total - Table 3			State
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	
Alabama	47,400	145,764	193,164	23,044	110,063	133,107	1,466	14,744	16,210	71,910	270,571	342,481	Alabama
Arizona	-	1,444	1,444	-	-	-	-	-	-	-	1,444	1,444	Arizona
Arkansas	9,139	48,965	58,104	11,101	78,060	89,161	110	1,794	1,904	20,350	130,819	151,169	Arkansas
California	839	11,676	12,475	194	28,491*	28,685*	40	221	261	1,073	40,348*	41,421*	California
Colorado	23	3,255	3,278	-	-	-	-	-	-	23	3,255	3,278	Colorado
Connecticut	785	18,916	19,699	-	-	-	25	8,617	8,642	810	27,527	28,337	Connecticut
Delaware	321	2,462	2,783	72	15	87	-	53	53	393	2,530	2,923	Delaware
Florida	115,442	282,463	397,905	75,025	256,733	331,758	19,270	44,433	63,703	209,737	583,629	793,366	Florida
Georgia	47,049	415,904	462,953	34,427	290,024	324,451	1,494	10,409	12,103	85,170	716,537	801,707	Georgia
Idaho	145	2,560	2,705	263	117	380	4	36	40	412	2,713	3,125	Idaho
Illinois	7,060	48,877	55,937	-	-	-	547	20,023	20,570	7,607	68,900	76,507	Illinois
Indiana	2,370	34,211	36,581	27	654	681	1,336	10,216	11,552	3,733	65,081	68,814	Indiana
Iowa	1,174	262,041	263,215	25	145	170	-	396	396	1,199	262,582	263,781	Iowa
Kansas	45	25,060	25,105	-	-	-	-	-	-	45	25,060	25,105	Kansas
Kentucky	8,737	28,878	37,615	70	401	471	308	6,611	6,919	9,115	35,990	45,005	Kentucky
Louisiana	35,255	126,637	161,892	25,308*	342,433*	367,741*	13,432	33,196	46,628	73,995*	502,246*	576,241*	Louisiana
Maine	884	11,112	11,996	73	10,479	10,552	4	1,133	1,137	961	22,724	23,685	Maine
Maryland	2,084	33,267	35,351	380	2,750	3,130	73	1,238	1,311	2,537	37,255	39,792	Maryland
Massachusetts	620	32,581	33,201	22	3,247	3,269	-	713	713	642	36,541	37,183	Massachusetts
Michigan	36,819	238,338	275,157	510	2,584	3,094	1,761	17,077	18,838	39,090	257,999	297,089	Michigan
Minnesota	7,156	111,351	118,507	1,180	10,134	11,314	96	261	357	8,432	121,746	130,178	Minnesota
Mississippi	60,454	279,179	339,633	11,691	107,551	119,242	-	5,360	5,360	72,145	392,090	464,235	Mississippi
Missouri	2,984	23,100	26,084	5	238	243	-	488	488	2,989	23,826	26,815	Missouri
Montana	10	520	530	115	819	934	-	-	-	125	1,339	1,464	Montana
Nebraska	550	12,708	13,258	-	1,400	1,400	-	1,543	1,543	550	15,651	16,201	Nebraska
Nevada	20	-	20	-	-	-	-	-	-	20	-	20	Nevada
New Hampshire	1,115	25,167	26,282	16	2,834	2,850	8	1,117	1,125	1,139	29,118	30,257	New Hampshire
New Jersey	422	25,456	25,878	-	112	112	17	7,130	7,147	439	32,698	33,137	New Jersey
New Mexico	-	2,093	2,093	-	-	-	-	-	-	-	2,093	2,093	New Mexico
New York	27,107	411,666	438,773	193	7,298	7,491	300	22,948	23,248	27,600	461,912	489,512	New York
North Carolina	27,434	88,081	115,515	27,046	51,996	79,042	1,405	14,224	15,629	55,885	154,301	210,186	North Carolina
North Dakota	-	2,000	2,000	-	-	-	-	-	-	-	2,000	2,000	North Dakota
Ohio	5,748	112,578	118,326	255	1,136	1,791	5,735	36,868	42,603	11,738	150,982	162,720	Ohio
Oklahoma	2,450	30,930	33,380	428	7,202	7,630	-	130	130	2,878	38,262	41,140	Oklahoma
Oregon	1,818*	20,990	22,808*	14,575*	77,632*	92,207*	151	642	793	16,564*	99,264*	115,828*	Oregon
Pennsylvania	25,000	266,540	291,540	13,894	25,445	39,339	10,000	107,970	117,970	48,894	399,955	448,849	Pennsylvania
Rhode Island	327	21,758	22,085	-	-	-	-	-	-	327	21,758	22,085	Rhode Island
South Carolina	31,010	190,337	221,347	21,086	93,744	114,830	1,111	17,276	18,687	53,507	301,357	354,864	South Carolina
South Dakota	23	15,802	15,825	-	-	-	2	2	2	25	15,802	15,827	South Dakota
Tennessee	21,790	211,401	233,191	14,328	18,992	33,320	808	2,490	3,298	16,926	232,883	269,509	Tennessee
Texas	14,679	80,924	95,603	8,268	85,219	93,487	160	1,117	1,277	23,107	167,260	190,367	Texas
Utah	4	504	504	-	-	-	1	13	14	5	513	518	Utah
Vermont	1,944	25,512	27,456	162	3,398	3,560	77	2,027	2,104	2,183	30,937	33,120	Vermont
Virginia	15,557	42,910	58,467	15,573	49,013	64,586	905	1,360	1,665	31,435	93,283	124,718	Virginia
Washington	951	11,878	12,829	4,551	113,187	117,738	-	-	-	5,502	125,165	130,667	Washington
West Virginia	3,741	29,377	33,118	140	154	294	227	1,769	1,996	4,108	31,300	35,408	West Virginia
Wisconsin	27,579	194,957	224,536	4,388	40,603	44,991	114	1,034	1,148	32,081	238,594	270,675	Wisconsin
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	Wyoming
Total Cont. U.S.	596,084*	4,034,160	4,630,244*	310,636*	1,824,703*	2,135,338*	60,687	418,877	479,564	967,486	6,277,740*	7,245,146	Total Cont. U.S.
Hawaii	102	7,199	7,301	1	-	-	174	53,085	54,059	277	61,084	61,361	Hawaii
Puerto Rico	832	61,999	62,831	-	-	-	-	616	616	832	62,615	63,447	Puerto Rico
GRAND TOTAL	597,016*	4,103,358	4,700,376*	310,636*	1,824,703*	2,135,338*	60,861	473,378	534,239	968,915	6,401,439*	7,369,954	GRAND TOTAL

\* Includes direct seeding as below.

California					510	510				510	510	California
Louisiana				4,089	1,348	5,437				4,089	1,348	Louisiana
Oregon	20		20	12,157	16,611	28,768				12,177	16,611	Oregon

Table 4  
**WINDBARRIER PLANTING UNDERTAKEN ON ALL OWNERSHIP OF LAND**  
 (EXCLUSIVE OF FOREST PLANTING)

July 1, 1956 - June 30, 1957

Areas in acres

State	Federal Lands			Other Public (Non-Federal) Lands			Privately-Owned Lands			Total - Table 4			Acres in a Mile*	State
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total		
Alabama	-	78	78	-	-	-	-	-	-	-	78	78	4.0	Alabama
Arizona	419	4,476	4,895	-	-	-	8	1,032	1,040	427	5,508	5,935	4.0	Arizona
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-	-	Arkansas
California	62	233	295	-	-	-	118	5,115	5,233	180	5,348	5,528	2.4	California
Colorado	15	47	62	-	-	-	1,066	21,674	22,740	1,081	21,721	22,802	10.0	Colorado
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-	-	Connecticut
Delaware	-	-	-	-	-	-	-	-	-	-	-	-	-	Delaware
Florida	200	250	450	-	-	-	-	-	-	200	250	450	4.0	Florida
Georgia	-	4	4	-	-	-	-	-	-	-	4	4	4.0	Georgia
Idaho	-	52	52	-	-	-	340	7,097	7,437	340	7,419	7,489	4.2	Idaho
Illinois	-	1	1	-	-	-	-	2,400	2,400	-	2,401	2,401	4.0	Illinois
Indiana	55	-	55	-	-	-	620	12,259	12,879	675	12,259	12,934	2.4	Indiana
Iowa	-	8	8	-	-	-	5	28,059	28,064	5	28,067	28,072	4.0	Iowa
Kansas	-	17	17	-	-	-	1,558	205,660	207,218	1,558	205,677	207,235	10.3	Kansas
Kentucky	-	-	-	-	-	-	-	55	55	-	55	55	4.0	Kentucky
Louisiana	-	-	-	-	-	-	-	-	-	-	-	-	-	Louisiana
Maine	-	-	-	-	-	-	-	-	-	-	-	-	-	Maine
Maryland	-	-	-	1	-	1	15	25	40	16	25	41	3.0	Maryland
Massachusetts	-	-	-	-	-	-	-	-	-	-	-	-	-	Massachusetts
Michigan	-	1	1	-	-	-	86	6,803	6,889	86	6,804	6,890	9.0	Michigan
Minnesota	10	44	54	-	-	-	-	15,850	15,850	10	15,894	15,904	2.4	Minnesota
Mississippi	8	-	8	-	-	-	-	-	-	8	-	8	4.0	Mississippi
Missouri	8	180	188	-	-	-	30	1,948	1,978	38	2,128	2,166	3.0	Missouri
Montana	-	393	393	-	-	-	537	13,005	13,542	537	13,398	13,935	6.4	Montana
Nebraska	72	592	664	-	-	-	4,365	302,535	306,900	4,437	303,127	307,564	8.0	Nebraska
Nevada	-	10	10	10	12	22	58	519	577	68	541	609	2.4	Nevada
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-	-	New Hampshire
New Jersey	5	-	5	-	-	-	-	-	-	5	-	5	4.0	New Jersey
New Mexico	135	3,096	3,231	-	-	-	69	3,288	3,357	204	6,384	6,588	4.0	New Mexico
New York	-	8	8	-	-	-	-	-	-	-	8	8	4.0	New York
North Carolina	20	52	72	-	-	-	-	-	-	20	52	72	4.0	North Carolina
North Dakota	23	1,600	1,623	-	311	311	9,615	99,138	108,753	9,638	101,049	110,687	8.0	North Dakota
Ohio	-	9	9	-	-	-	52	2,134	2,186	52	2,143	2,195	3.6	Ohio
Oklahoma	212	96	308	7	154	161	434	57,647	58,081	653	57,897	58,550	4.0	Oklahoma
Oregon	-	72	72	-	-	-	8	6	14	8	78	86	2.0	Oregon
Pennsylvania	-	10	10	-	-	-	-	-	-	-	10	10	4.0	Pennsylvania
Rhode Island	-	1	1	-	-	-	-	-	-	-	1	1	4.0	Rhode Island
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-	-	South Carolina
South Dakota	121	1,651	1,772	118	4,075	4,193	8,002	94,693	102,695	8,241	100,419	108,660	11.6	South Dakota
Tennessee	-	54	54	-	-	-	-	-	-	-	54	54	4.0	Tennessee
Texas	270	147	417	-	-	-	260	28,136	28,396	530	28,283	28,813	5.0	Texas
Utah	25	353	378	3	40	43	94	2,212	2,306	122	2,605	2,727	4.0	Utah
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	-	Vermont
Virginia	-	-	-	-	-	-	26	106	132	26	106	132	4.0	Virginia
Washington	20	17	37	-	-	-	928	6,581	7,509	948	6,598	7,546	2.9	Washington
West Virginia	-	-	-	-	-	-	-	-	-	-	-	-	-	West Virginia
Wisconsin	5	10	15	-	-	-	-	7,600	7,600	5	7,610	7,615	4.0	Wisconsin
Wyoming	300	374	674	53	308	361	639	8,738	9,377	992	9,420	10,412	1.7	Wyoming
Total Cont. U. S.	1,985	13,936	15,921	192	4,900	5,092	28,933	934,315	963,248	31,110	953,151	984,261		Total Cont. U. S.
Hawaii	-	-	-	3	-	3	186	855	1,041	189	855	1,044	2.9	Hawaii
Puerto Rico	-	-	-	-	-	-	260	408	668	260	408	668	5.0	Puerto Rico
GRAND TOTAL	1,985	13,936	15,921	195	4,900	5,095	29,379	935,578	964,957	31,559	954,414	985,973		GRAND TOTAL

Table 5  
SUMMARY OF TREE PLANTING UNDERTAKEN

July 1, 1956 - June 30, 1957

Areas in acres

State	FOREST PLANTING									WINDBARRIER PLANTING			GRAND TOTAL			State
	TABLE 1			TABLE 2			TABLE 3			TABLE 4						
	Federal Acres Planted			Other Public (Non-Federal) Acres Planted			Private Acres Planted			All Owners Windbarrier Acres Planted						
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	
Alabama	813	75,724	74,537	383	4,416	4,799	71,910	270,571	342,481	-	78	78	75,108	348,789	421,895	Alabama
Arizona	192	6,776	6,968	-	-	-	-	1,444	1,444	427	5,508	5,935	619	13,728	14,347	Arizona
Arkansas	43	24,078	24,121	20	643	663	20,350	130,819	151,169	-	-	-	20,413	155,540	175,953	Arkansas
California	7,779	58,596	66,575	264	1,015	1,279	1,073	40,348	41,421	180	5,348	5,528	9,496	105,307	114,803	California
Colorado	359	69,966	70,325	-	160	160	23	3,255	3,278	1,081	21,721	22,802	1,463	95,102	96,565	Colorado
Connecticut	-	650	650	10	14,499	14,509	810	27,527	28,337	-	-	-	820	42,676	43,496	Connecticut
Delaware	-	100	100	12	629	641	399	2,530	2,923	-	-	-	405	3,259	3,664	Delaware
Florida	5,914	40,961	46,875	3,009	15,752	18,761	209,737	583,629	793,366	200	250	450	218,860	640,592	859,452	Florida
Georgia	5,483	21,312	26,825	995	12,206	13,201	85,170	716,537	801,707	-	4	4	91,648	750,089	841,737	Georgia
Idaho	2,013	105,150	105,163	31	868	899	412	2,713	3,125	340	7,119	7,489	2,796	113,880	116,676	Idaho
Illinois	2,173	48,246	50,419	650	13,509	14,159	7,607	68,900	76,507	-	2,401	2,401	10,430	133,356	143,786	Illinois
Indiana	1,785	24,953	26,738	349	25,502	25,851	3,733	65,081	68,814	675	12,259	12,934	6,542	127,975	134,517	Indiana
Iowa	8	1,858	1,866	85	7,992	8,077	1,199	262,582	263,781	5	28,067	28,072	1,297	300,499	301,796	Iowa
Kansas	-	100	100	-	4,000	4,000	45	25,060	25,105	1,558	205,677	207,235	1,403	214,827	236,430	Kansas
Kentucky	24	10,829	10,853	258	2,166	2,424	9,115	35,890	45,005	-	55	55	9,397	48,300	58,397	Kentucky
Louisiana	2,096	108,602	110,698	-	11,905	11,905	73,995	502,246	576,241	-	-	-	76,091	622,753	698,844	Louisiana
Maine	-	401	401	67	1,905	1,972	961	22,724	23,685	-	-	-	1,028	24,430	25,458	Maine
Maryland	-	1,431	1,431	673	6,088	6,761	2,537	37,255	39,792	16	25	41	3,226	44,799	48,025	Maryland
Massachusetts	-	500	500	102	61,981	62,083	642	36,541	37,183	-	-	-	744	99,022	99,766	Massachusetts
Michigan	5,449	561,274	566,723	11,637	330,980	342,617	39,090	257,999	297,089	86	6,804	6,890	56,262	1,159,057	1,215,319	Michigan
Minnesota	3,555	117,671	121,226	6,176	79,531	85,707	4,132	121,746	130,178	10	15,894	15,904	18,479	364,842	383,321	Minnesota
Mississippi	6,457	154,696	161,153	119	4,431	4,550	72,145	392,090	464,235	8	-	8	78,729	553,217	631,946	Mississippi
Missouri	1,381	66,665	68,046	208	6,097	6,305	2,989	23,824	26,815	98	2,128	2,166	4,616	98,716	103,332	Missouri
Montana	1,572	43,687	45,259	25	74	99	125	1,339	1,464	577	13,398	13,925	2,259	58,498	60,757	Montana
Nebraska	45	30,969	31,014	-	1,646	1,646	550	15,451	16,201	4,437	309,127	307,564	5,032	351,399	356,625	Nebraska
Nevada	15	317	332	-	15	17	20	-	20	-	541	609	135	875	1,008	Nevada
New Hampshire	-	1,153	1,153	52	12,725	12,777	1,139	29,118	30,257	-	-	-	1,191	42,996	44,187	New Hampshire
New Jersey	2	608	610	292	13,718	14,010	439	32,498	33,137	5	-	5	738	47,024	47,762	New Jersey
New Mexico	576	5,561	6,137	-	-	-	-	2,093	2,093	204	6,384	6,588	780	14,098	14,818	New Mexico
New York	2	7,998	8,000	4,796	522,535	527,331	27,600	461,912	489,512	-	8	8	32,398	992,453	1,024,851	New York
North Carolina	2,272	20,121	22,393	602	7,411	8,013	55,835	151,301	210,186	20	52	72	58,779	181,885	240,664	North Carolina
North Dakota	-	967	967	-	-	-	-	2,000	2,000	9,638	101,019	110,687	9,438	104,016	113,454	North Dakota
Ohio	1,137	17,714	18,851	1,544	16,946	18,490	11,738	150,982	162,720	52	2,143	2,195	14,471	207,785	222,256	Ohio
Oklahoma	-	5,757	5,757	27	810	837	2,878	35,262	41,140	653	57,897	58,550	3,558	102,726	106,284	Oklahoma
Oregon	24,946	137,066	162,012	16,684	81,064	97,748	16,564	99,264	115,828	8	75	86	58,202	317,072	375,674	Oregon
Pennsylvania	388	21,604	21,992	1,124	88,579	90,003	18,894	399,955	418,849	-	10	10	50,706	510,118	560,824	Pennsylvania
Rhode Island	-	423	423	37	10,394	10,431	527	24,758	25,285	-	1	1	364	33,176	33,540	Rhode Island
South Carolina	10,749	73,828	84,577	1,554	21,966	23,522	53,307	301,357	354,864	-	-	-	65,812	397,151	462,963	South Carolina
South Dakota	841	32,431	33,272	166	2,093	2,249	25	15,302	15,327	6,241	100,419	108,660	9,273	150,735	160,008	South Dakota
Tennessee	1,016	61,311	62,327	306	27,369	27,675	16,926	232,081	249,009	-	54	54	18,248	323,627	341,875	Tennessee
Texas	2,306	53,512	55,818	81	3,069	3,150	23,107	167,260	190,367	530	20,283	20,813	26,024	252,124	278,148	Texas
Utah	-	4,020	4,020	-	40	40	5	511	516	122	2,605	2,727	137	7,188	7,325	Utah
Vermont	80	1,326	1,406	109	7,702	7,811	2,183	10,937	13,120	-	-	-	2,372	39,965	42,337	Vermont
Virginia	515	8,532	9,047	322	3,338	4,160	11,405	92,289	124,718	26	106	132	124,298	105,739	230,037	Virginia
Washington	12,499	137,164	149,663	5,249	53,406	58,655	5,502	122,165	130,667	948	6,598	7,546	26,198	322,333	348,531	Washington
West Virginia	90	16,575	16,665	50	3,225	3,275	31,300	35,108	35,108	-	-	-	4,244	51,100	55,344	West Virginia
Wisconsin	1,541	296,895	298,436	3,325	206,557	211,882	12,081	218,594	270,675	5	7,610	7,615	38,952	689,656	728,608	Wisconsin
Wyoming	111	9,393	9,394	-	-	-	-	-	-	398	9,420	10,412	1,103	18,703	19,806	Wyoming
Total Cont. U.S.	106,467	2,461,371	2,567,838	63,997	1,711,747	1,775,744	967,406	6,277,740	7,245,446	31,110	93,151	94,261	1,164,980	11,404,009	12,572,989	Total Cont. U. S.
Hawaii	-	-	-	209	36,773	36,982	277	61,084	61,361	189	855	1,044	675	98,712	99,387	Hawaii
Puerto Rico	-	12,706	12,706	243	25,373	25,616	872	62,612	63,487	260	408	668	1,335	101,102	102,437	Puerto Rico
GRAND TOTAL	106,467	2,474,077	2,580,544	64,449	1,773,893	1,801,362	968,512	6,401,439	7,469,954	31,559	94,414	95,973	1,170,990	11,603,823	12,774,813	GRAND TOTAL

## FOREST AND WINDBARRIER STOCK DISTRIBUTED BY THE STATES

July 1, 1956 - June 30, 1957

State	Distribution (By the State within the State)			Production (At the State Nurseries)		State
	Clarke-McNary Program Only		All Programs Combined Quantities Shipped	Nurseries Shipping Trees in 1957	Quantities Shipped to Field Planting by All Programs	
	Quantities Shipped	Average price Charged				
Alabama	48,293,000	3.01	72,428,000	3	61,478,000	Alabama
Arizona	No program	-	-	-	-	Arizona
Arkansas	18,252,000	3.00	20,370,000	1	20,370,000	Arkansas
California	1,229,000*	9.73	1,855,000	4	1,855,000	California
Colorado	426,000	28.95	462,000	1	215,000	Colorado
Connecticut	722,000	20.00	820,000	1	657,000	Connecticut
Delaware	453,000	None	492,000	1	492,000	Delaware
Florida	136,897,000	4.00	146,468,000	3	155,272,000	Florida
Georgia	80,836,000	3.63	82,252,000	4	78,952,000	Georgia
Idaho	345,000	15.54	353,000	1	343,000	Idaho
Illinois	8,257,000	11.94	9,278,000	2	9,278,000	Illinois
Indiana	6,825,000	13.13	13,413,000	3	13,345,000	Indiana
Iowa	1,284,000	19.27	1,284,000	1	660,000	Iowa
Kansas	497,000	38.25	592,000	0	-	Kansas
Kentucky	8,929,000	7.02	9,329,000	2	4,179,000	Kentucky
Louisiana	51,425,000	3.50	51,425,000	2	42,867,000	Louisiana
Maine	1,013,000	10.00	1,013,000	1	291,000	Maine
Maryland	3,106,000	Free	3,106,000	1	3,106,000	Maryland
Massachusetts	744,000	23.25	744,000	3	744,000	Massachusetts
Michigan	5,144,000	11.53	28,447,000	6	26,028,000	Michigan
Minnesota	14,909,000	9.36	14,909,000	3	14,909,000	Minnesota
Mississippi	27,701,000	3.50	29,517,000	2	29,517,000	Mississippi
Missouri	3,377,000	5.74	4,188,000	1	4,188,000	Missouri
Montana	550,000	33.23	552,000	1	541,000	Montana
Nebraska	1,078,000	33.67	1,078,000	0	-	Nebraska
Nevada	(41,000)**	-	(41,000)	0	-	Nevada
New Hampshire	1,186,000	6.39	1,306,000	1	1,306,000	New Hampshire
New Jersey	731,000	16.39	1,072,000	1	1,072,000	New Jersey
New Mexico	No program	-	-	0	-	New Mexico
New York	30,776,000	2.92	30,776,000	2	30,776,000	New York
North Carolina	46,885,000	3.59	57,471,000	3	57,471,000	North Carolina
North Dakota	939,000	18.58	947,000	2	1,083,000	North Dakota
Ohio	11,746,000	10.32	15,769,000	3	15,039,000	Ohio
Oklahoma	1,945,000	5.75	2,397,000	2	2,297,000	Oklahoma
Oregon	6,592,000	9.02	6,592,000	1	6,592,000	Oregon
Pennsylvania	14,126,000	6.00	16,043,000	4	16,043,000	Pennsylvania
Rhode Island	153,000	15.16	153,000	1	39,000	Rhode Island
South Carolina	54,511,000	2.67	55,384,000	1	55,384,000	South Carolina
South Dakota	2,195,000	28.68	2,195,000	0	-	South Dakota
Tennessee	28,628,000	3.01	37,847,000	1	28,628,000	Tennessee
Texas	18,346,000	4.27	22,448,000	2	22,309,000	Texas
Utah	100,000*	28.15	133,000	1	101,000	Utah
Vermont	2,292,000	8.32	2,292,000	1	2,292,000	Vermont
Virginia	31,740,000	4.56	32,217,000	2	30,887,000	Virginia
Washington	1,325,000	8.89	11,427,000	3	11,427,000	Washington
West Virginia	3,904,000	11.65	4,346,000	1	4,346,000	West Virginia
Wisconsin	30,949,000	12.15	30,949,000	6	28,851,000	Wisconsin
Wyoming	212,000	25.57	212,000	0	-	Wyoming
Total Cont. U.S.	711,573,000	4.93	826,351,000	85	785,533,000	Total Cont. U.S.
Hawaii	264,000	Free	270,000	5	270,000	Hawaii
Puerto Rico	435,000	Free	485,000	2	485,000	Puerto Rico
GRAND TOTAL	712,272,000	4.92	827,106,000	92	786,288,000	GRAND TOTAL

### Invitation

All persons who work in reforestation, or who are interested in it or some allied field are invited to send in material for publication in Tree Planters' Notes. If their material is not yet in final form for publication, they are invited to at least send a letter to Tree Planters' Notes and tell what they are doing and what manner of information should be published. Beautifully typed articles of flawless grammar are not required, although such would not be rejected. Manuscripts written in lead pencil during noon hour are acceptable if that is what it takes to get an account of what has been done. The address is: Chief, Forest Service, U. S. Department of Agriculture, Washington 25, D. C.

### Subscriptions and Mailing List

Tree Planters' Notes will be sent upon request to persons and organizations doing reforestation work, and to libraries, forest schools, and similar appropriate places. The address is given above.