

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

P
Supervision
Reports
Annual Planting, 1955

**FOREST AND WINDBARRIER PLANTING
IN THE UNITED STATES**

during

1955

(July 1, 1954 - June 30, 1955)

The situation in general
Statistics by states and agencies doing planting
Quantities of stock produced

(Compiled from information furnished by the State Foresters or other appropriate public officials of each State and Federal agency concerned)

FOREST AND WINDBARRIER PLANTINGS IN THE UNITED STATES
DURING 1955

Definition of terms, and foreword.

In this report the words "forest planting" or "reforestation" include a) plantings on poorly stocked or denuded forest land, b) plantings of woodlots on abandoned farm lands, and c) plantings made to speed the regeneration of newly cutover forests even though natural regeneration was to be expected. These words do not include "windbarrier plantings," which are plantings of shelterbelts around fields, and windbreaks around farmstead buildings. Windbarrier plantings are tremendously important to the farmers who make them, but their primary product is wind protection, and aside from some posts and fuelwood, they will probably add little to the Nation's eventual supply of timber. Their inclusion with "forest" plantings can give a misleading idea of "reforestation" accomplishments. Therefore, this 1955 report shows "forest plantings" and "windbarrier plantings" in separate tables. This must be carried in mind if this 1955 report is to be contrasted to one for some previous year. "Planting" or "tree planting" are the general terms used to include both types together.

Acres planted, 1955 and previously

Tree planting during the fiscal year 1955 (July 1, 1954 to June 30, 1955) as reported by the State Foresters and other agencies, was as follows:

Forest plantings	780,839 acres
Windbarrier plantings	31,749 acres

Total plantings for all reasons by all owners 812,588 acres

The comparable gross figures for recent years are:

1955	812,588 acres
1954	811,066 "
1953	715,548 "
1952	522,935 "
1951	456,368 "
1950	497,507 "
1940	519,051 "
1930	138,970 "

The gross figure for 1955 is only 1/5 of one percent greater than that of 1954. The spectacular rate of increase experienced each year since 1947 has ceased, at least for this one year. It will be unfortunate if this present rate of about 800,000 acres should prove to be the usual amount from here on, for it is far short of being adequate to meet the size of the problem that exists.

Accomplishments in 1955 by ownership classes

Both classes of planting

The Federal Government planted 77,002 acres of forest and 3,420 acres of windbarriers in 1955 upon lands administered by its various agencies. This is approximately 7,400 acres greater than what it did in 1954.

The States and other non-Federal public agencies planted 51,332 acres of forest and 182 acres of windbarriers— approximately the same as in 1954.

Private landowners planted 652,505 acres of forest and 28,147 acres of windbarriers— a total of 680,652 acres. This is about 1% less than they planted in 1954.

In eleven states the private land planting increased 52,700 acres from 1954.

In twenty-four states the private land planting was approximately the same as in 1954.

In fifteen states the private land planting decreased 58,672 acres from 1954.

Forest planting

States in which the private landowners are reforesting more than 20,000 acres annually are:

Georgia	96,000 acres	Alabama	36,729 acres
Florida	91,000 "	South Carolina	33,000 "
Pennsylvania	59,000 "	New York	32,000 "
Mississippi	52,000 "	Texas	22,400 "
Louisiana	45,000 "	North Carolina	22,007 "
Michigan	37,100 "	Wisconsin	21,000 "

The reforestation work of industrial organizations amounts to 45% of the total being done on private lands. Forest Industries planted 239,000 acres of their land, which is about 27,000 acres less than what they planted in

1954; and Other Industries planted 52,600 acres, which is 8,300 acres more than they planted in 1954. It is probable that this decrease by the forest industries would actually have been an increase had plenty of planting stock been available. States in which the forest industries, and other industries are especially active in reforesting their lands are:

Florida	63,000 acres	Mississippi	14,000 acres
Georgia	48,200 "	North Carolina	13,000 "
Pennsylvania	32,100 "	Texas	10,700 "
Louisiana	27,300 "	Arkansas	9,800 "
Alabama	18,500 "	Virginia	8,700 "
South Carolina	16,000 "		

Windbarrier planting

Although the annual reports for previous years did not separate the windbarrier plantings from the forest plantings, we know that in certain states most of the private planting that is done is for windbarrier purposes. The following tabulation therefore shows the amount of such planting done in the leading windbarrier states in 1955 and in 1950.

	<u>1955</u>	<u>1950</u>
North Dakota	7,636 acres	870 acres
South Dakota	6,897 "	6,767 "
Nebraska	6,600 "	5,771 "
Colorado	996 "	1,471 "
Indiana	928 "	Not known
Kansas	905 "	1,021 acres

The program for this type of planting is nearly static except in North Dakota where it is being pushed vigorously with stock from two large State and two large Soil Conservation District nurseries.

The job to be done

The following tables gives an estimate of the tree planting job in the continental United States at the start of fiscal year 1953. This estimate was made by the State Foresters and other agencies as a part of the study recently made of the Nation's timber resource. (Timber Resource Review, Chapter IV - C, Tree Planting; and Chapter IX, Tables 18 and 19.)

The acreages it gives do not include significant amounts of the farm land which should be diverted from surplus farm crop production and planted to trees. Any such diverted acreages, therefore, are additional to the acreages given on the next page.

**The Tree Planting Job in Continental United States
at the Beginning of Fiscal Year 1953**

	Commercial Forest Land	Non-Commercial Forest Land	Windbarrier Lands	Total
Thousands of Acres				
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	975	448	2,337	3,760
Total North	21,448	1,506	2,661	25,615
S. Atlantic States	4,081	0	0	4,081
Southeastern States	14,211	0	0	14,214
West Gulf States	3,652	0	0	3,652
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	812	375	83	1,270
Total West	8,553	3,941	283	12,777
TOTAL CONTINENTAL U.S.	51,948	5,417	2,944	60,339

These are the figures with which the annual accomplishments shown in this Report must be contrasted. Furthermore, not every acre so reported can be considered as a reduction of the acres shown in the table, since obviously not all plantations survive satisfactorily, and some of the current planting is not reducing the backlog shown above but is, instead, being done on newly cut over acres that would have restocked naturally had their owners been willing to wait awhile. In other words when the accomplishments of any one year are considered in the light of the above facts it is seen that our present progress is indeed slow.

Seed supplies

Ever since planting stock production began to expand the nurseries have been hampered by lack of seed. In fact, a supply of suitable seed has always been and continues to be the biggest single problem confronting a tree planting program. The states with the larger nurseries have tried to meet their problem by building new extractories and refrigerated seed storage vaults and have organized vigorous programs of collecting and stock-

piling seed. For example, record quantities of seed were gathered in the South and in the Pacific Northwest during the Fall of 1955. Yet, in general, the tree seed in storage for the future is barely adequate for the current programs in many of the states and is actually inadequate in places.

The problem of obtaining seed is complicated by the fact that many species produce collectable quantities of seed only at irregular and infrequent intervals. In some cases as long as seven or more years may elapse between crops. Furthermore, apparently promising crops are subject to destruction from various insects, blights, and weather conditions so that they fail to develop at all or contain infertile seed. For example, much tree seed in the southern portions of the Central and the Prairie states was destroyed in the March 1955 freeze, and the Pacific Northwest now reports a possible loss of the 1956 Douglas fir seed crop as a result of the mid-November 1955 freeze.

Nurseries - numbers, operators, and 1955 production

A summary of the forest tree nurseries operating in 1955 follows:

Agency or Owner	Active Nurseries	Actual or Estimated Output of Trees
U. S. Forest Service	12	88,088 M
Tennessee Valley Authority	1	22,242
State Foresters or similar	90	519,462
Cities and Counties	3	233
Soil Conservation Districts	6	8,732
Paper industries	12	39,240
Lumber industries	3	7,276
Private commercial	40	57,000
TOTAL	167	742,273 M

(For additional details see Table 6 of this Report, and "List of Forest Tree Nurseries in the U.S. During 1955")

The only Federal nurseries in operation are the twelve of the U. S. Forest Service and the one of the Tennessee Valley Authority. The Forest Service nursery trees go into a variety of programs—as onto National Forests, lands of the Atomic Energy Commission, flood control projects, and private lands through the cooperative tree distribution programs (C-M 4 program) of various states. The trees from the TVA go mostly onto private lands through the established programs of that Agency.

Most of the production from the state nurseries goes onto privately owned lands, largely through the C-M 4 program. The state nursery in Colorado and two in Pennsylvania ceased tree planting stock production in 1955. The production at the Colorado nursery was quite small and the loss of two in Pennsylvania was counterbalanced by increased production at one of its others. Although the 1955 production at the southern state nurseries was seriously curtailed by a seed shortage the total production of the 90 state nurseries increased by 17-1/4 million plants over 1954. A new record for the state nurseries of 519-1/2 million plants was achieved. Florida and North Carolina each is bringing a new 25 million tree nursery into production in 1956 and another of similar size is proposed in South Carolina during the next year or so. Texas has started a nursery at Big Spring to produce windbarrier planting stock.

Most of the production from Forest Industry nurseries goes onto Company lands, but some of it is distributed through a variety of Company programs to private landowners—usually free-of-charge--for planting on their own lands. The nurseries of these companies in the South also suffered curtailed production in 1955 because of a lack of seed, but collections during the Fall should relieve this somewhat. Two new Company nurseries should come into production in 1956 in Georgia and another is planned in Texas; their combined output will be somewhere between 15 and 25 million trees.

A new Soil Conservation District Nursery .started production in Michigan with an initial output of 832 M, and production at some of the other S.C. District nurseries increased so that the total from this class increased from 5.6 million in 1954 to 8.7 million in 1955. Four additional commercial nurseries reported that they now produce forest or windbarrier planting stock and an increase of 2 million plants is estimated in the year's production by this class.

Supply and Demand for Planting Stock in 1955

Planting stock orders refused by some of the southern State Foresters because of a shortage of nursery stock probably totalled more than 50 million trees and would have been even greater had not one state had a considerable surplus. Shortages in stock were also reported from the Pacific Northwest, some of the Lake States, and in lessening amounts from many of the others. The usual transfer of relatively small quantities of various species occurred between a number of the states.

In general, the situation might be summed up by saying that the present total production is considerably less than the present total demand.



ROLAND ROTTY, In Charge
Tree Planting Cooperation

Table 1
FOREST PLANTING ON FEDERAL LAND IN 1955
 (EXCLUSIVE OF WINDBARRIER PLANTING)
 July 1, 1954 - June 30, 1955

State	National Forests			Land Use Project Areas			U. S. Department of Interior Lands and Indian Reservations			Other Federal Lands			Total - Table 1			State
	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	634	43,898	44,532	-	8,274	8,274	-	2,244	2,244	447	17,376	17,823	1,681	71,796	72,867	Alabama
Arizona	262	2,092	2,354	-	3,976	3,976	-	35	35	-	-	-	262	6,105	6,367	Arizona
Arkansas	894	15,123	15,957	3	5,575	5,575	-	313	313	-	1,963	2,276	837	22,911	23,968	Arkansas
California	3,081	51,002	54,085	-	-	-	-	307	307	-	82	82	3,081	51,391	54,474	California
Colorado	121	68,072	68,193	-	207	207	-	1,252	1,252	-	-	-	121	69,231	69,522	Colorado
Connecticut	-	-	-	-	650	650	-	40	40	-	-	-	-	650	650	Connecticut
Delaware	-	-	-	-	60	60	-	-	-	-	-	-	-	100	100	Delaware
Florida	1,930	12,666	14,596	-	19,134	19,134	-	28	28	378	3,697	3,905	2,308	15,405	17,713	Florida
Georgia	1,568	4,225	5,793	305	7,930	8,235	-	235	235	494	1,541	2,097	-	11,953	16,320	Georgia
Idaho	737	101,160	101,897	-	130	130	-	1	1	-	-	-	737	101,235	102,022	Idaho
Illinois	1,605	96,195	97,800	-	7,179	7,179	-	191	191	-	550	550	1,605	104,675	106,280	Illinois
Indiana	1,302	14,756	16,058	-	6,162	6,162	-	142	142	210	650	860	1,512	21,568	23,080	Indiana
Iowa	-	-	-	-	-	-	-	-	-	-	1,708	1,708	-	1,848	1,848	Iowa
Kansas	-	-	-	-	100	100	-	-	-	-	-	-	-	100	100	Kansas
Kentucky	43	552	595	-	6,589	6,589	-	3,093	3,093	-	512	512	43	10,746	10,789	Kentucky
Louisiana	683	99,619	100,302	-	5,310	5,310	-	-	-	753	-	753	1,436	104,829	106,265	Louisiana
Maine	-	67	67	-	332	332	-	2	2	-	-	-	-	401	401	Maine
Maryland	-	-	-	-	1,426	1,426	-	5	5	-	-	-	-	1,431	1,431	Maryland
Massachusetts	-	-	-	-	-	-	-	-	-	-	500	500	-	500	500	Massachusetts
Michigan	5,641	541,999	547,640	-	10,992	10,992	-	483	483	-	-	-	5,641	552,172	558,113	Michigan
Minnesota	4,042	132,507	136,549	-	1,020	1,020	136	6,598	6,930	-	-	-	1,175	140,221	141,499	Minnesota
Mississippi	1,340	140,558	141,898	898	10,539	11,371	-	819	819	5	12	17	2,189	151,922	154,105	Mississippi
Missouri	988	64,132	65,120	-	157	157	-	30	30	-	3	3	988	64,860	65,898	Missouri
Montana	1,476	16,919	18,289	-	200	200	-	460	460	-	476	476	1,476	18,522	18,522	Montana
Nebraska	-	29,974	29,974	-	-	-	-	460	460	-	-	-	-	30,910	30,910	Nebraska
Nevada	63	104	167	-	-	-	-	59	59	-	-	-	63	163	226	Nevada
New Hampshire	-	1,153	1,153	-	-	-	-	-	-	-	-	-	-	1,153	1,153	New Hampshire
New Jersey	-	-	-	-	-	-	-	-	-	38	565	587	32	587	587	New Jersey
New Mexico	202	2,195	2,397	-	3,161	3,161	-	14	14	-	-	-	202	5,366	5,668	New Mexico
New York	-	-	-	-	5,289	5,289	-	17	17	3	2,640	2,653	20	7,959	7,973	New York
North Carolina	1,314	6,948	8,262	-	3,666	3,666	-	1,133	1,133	15	94	109	1,329	16,611	18,170	North Carolina
North Dakota	-	-	-	-	967	967	-	-	-	-	-	-	-	967	967	North Dakota
Ohio	988	9,554	10,542	-	5,640	5,640	-	-	-	-	51	51	988	15,245	16,271	Ohio
Oklahoma	-	57	57	-	5,697	5,697	-	-	-	-	-	-	-	5,754	5,754	Oklahoma
Oregon	12,429	82,276	94,705	-	-	-	4,265	11,391	16,266	-	-	-	12,429	94,267	110,941	Oregon
Pennsylvania	147	17,104	17,251	-	1,949	1,949	-	21	21	-	128	128	147	21,199	21,346	Pennsylvania
Rhode Island	-	-	-	-	403	403	-	-	-	-	20	20	-	423	423	Rhode Island
South Carolina	293	17,704	17,997	-	16,132	16,132	-	1,545	1,545	10,619	14,559	27,178	10,862	51,940	62,792	South Carolina
South Dakota	966	30,577	31,543	-	12	12	-	-	-	-	-	-	966	30,589	31,556	South Dakota
Tennessee	1,337	3,090	4,427	-	16,765	16,765	-	175	175	2,436	35,309	38,295	1,337	56,628	60,452	Tennessee
Texas	11	48,943	48,954	-	911	911	-	-	-	-	2,764	2,764	11	52,669	52,710	Texas
Utah	15	3,999	4,014	-	-	-	-	-	-	-	-	-	15	3,999	4,014	Utah
Vermont	4	1,320	1,324	-	-	-	-	-	-	-	-	-	4	1,320	1,324	Vermont
Virginia	679	3,191	3,870	-	7,655	7,655	-	499	499	33	32	66	712	7,377	8,089	Virginia
Washington	9,155	105,594	114,749	-	-	-	-	5,956	5,956	-	2,624	2,624	9,155	114,174	123,329	Washington
West Virginia	63	15,748	15,811	-	732	732	-	-	-	-	-	-	63	16,470	16,533	West Virginia
Wisconsin	1,278	222,112	223,390	-	9,145	9,145	117	2,676	2,791	9	298	307	1,304	234,211	235,635	Wisconsin
Wyoming	259	6,933	7,212	-	311	311	-	40	40	-	-	-	259	7,304	7,563	Wyoming
Total Continental U.S.	55,512	1,975,277	2,030,789	1,146	177,928	179,074	4,735	40,442	45,177	15,484	90,475	105,959	76,877	2,294,122	2,360,999	Total Continental U.S.
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Hawaii
Puerto Rico	125	12,572	12,697	-	-	-	-	-	-	-	-	-	125	12,572	12,697	Puerto Rico
Grand Total	55,637	1,987,849	2,043,486	1,146	177,928	179,074	4,735	40,442	45,177	15,484	90,475	105,959	77,002	2,296,691	2,373,696	Grand Total

* Includes acres of planting by direct seeding, both aerial and hand methods, as follows:

National Forests				U.S.D.I. (BAG, and CB&R) Lands				U.S.D.I. (Indian Reservations)							
State	1955	Previous Years	Total to Date	State	1955	Previous Years	Total to Date	State	1955	Previous Years	Total to Date				
Alabama	-	26	26	Indiana	-	451	451	Montana	-	2,276	2,276	South Dakota	322	13,751	14,073
Arizona	115	98	207	Kentucky	-	4	4	Nevada	20	-	20	Tennessee	25	354	379
California	1,060	4,871	5,951	Louisiana	-	1,548	1,548	New Hampshire	-	48	48	Washington	1,140	4,981	6,129
Colorado	21	2,695	2,713	Michigan	50	1,126	1,176	New Mexico	200	1,145	1,345	Wisconsin	-	407	407
Florida	-	503	503	Minnesota	-	3,055	3,055	North Carolina	-	9	9	Wyoming	73	810	883
Idaho	-	1,388	1,388	Mississippi	-	1,050	1,050	Ohio	-	274	274	Total	4,611	58,130	62,741
Illinois	-	1,780	1,780	Missouri	-	10,283	10,283	Oregon	1,663	5,222	6,785	California	-	100	100
								Pennsylvania	-	80	80				

Table 2
FOREST PLANTING ON NON-FEDERAL PUBLIC LAND IN 1955
 (EXCLUSIVE OF WINDBARRIER PLANTING)
 July 1, 1954 - June 30, 1955

State	State Agencies*						Other Public Agencies			Total - Table 2			State
	State Forest Land			Other State Lands			As Town, Boroughs, Counties and Public Schools						
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	
	Alabama	25	890	915	51	2,618	2,669	128	483	611	204	3,991	
Arizona	-	-	-	-	-	-	-	-	-	-	-	-	Arizona
Arkansas	-	-	-	-	114	114	51	478	529	51	592	643	Arkansas
California	66	125	191	96	19	115	33	65	98	195	209	404	California
Colorado	-	-	-	-	5	5	-	155	155	-	160	160	Colorado
Connecticut	42	10,213	10,255	9	634	643	53	3,493	3,546	104	14,340	14,444	Connecticut
Delaware	4	391	395	7	67	74	3	201	204	14	599	613	Delaware
Florida	1,368	8,573	10,461	472	1,680	2,152	151	1,412	1,463	2,511	11,565	14,076	Florida
Georgia	198	1,125	1,323	193	4,009	4,192	73	2,617	2,690	434	7,751	8,185	Georgia
Idaho	14	46	60	-	695	695	11	88	99	25	829	854	Idaho
Illinois	128	4,966	4,494	1,098	3,470	4,568	342	3,013	3,355	1,568	10,849	12,417	Illinois
Indiana	1,306	19,336	20,642	31	3,300	3,331	24	622	646	1,361	23,258	24,619	Indiana
Iowa	82	1,893	1,975	68	5,338	5,406	-	361	361	150	7,592	7,742	Iowa
Kansas	-	-	-	-	4,000	4,000	-	-	-	-	4,000	4,000	Kansas
Kentucky	161	1,161	1,322	8	396	394	36	278	314	205	1,825	2,030	Kentucky
Louisiana	35	5,318	5,353	4	441	445	143	4,745	4,908	202	10,504	10,766	Louisiana
Maine	-	322	322	5	114	119	39	752	791	44	1,158	1,232	Maine
Maryland	341	2,129	2,470	72	440	512	350	1,890	2,240	753	4,465	5,228	Maryland
Massachusetts	21	32,140	32,161	35	12,777	12,812	50	16,808	16,858	106	61,725	61,831	Massachusetts
Michigan	2,785	279,759	282,544	401	19,793	20,274	569	16,683	17,252	2,829	216,235	220,064	Michigan
Minnesota	2,784	38,137	40,921	2,236	19,250	21,474	2,071	6,657	10,728	7,091	66,032	73,123	Minnesota
Mississippi	31	2,594	2,625	228	619	847	-	523	523	259	3,736	3,995	Mississippi
Missouri	314	3,998	4,312	24	963	987	56	9	65	394	4,970	5,364	Missouri
Montana	5	20	25	1	5	6	-	-	-	6	25	31	Montana
Nebraska	-	200	200	-	576	576	-	870	870	-	1,646	1,646	Nebraska
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	Nevada
New Hampshire	70	7,933	8,003	11	481	492	23	4,449	4,472	104	12,563	12,667	New Hampshire
New Jersey	-	11,284	11,284	26	835	861	5	1,534	1,539	31	13,653	13,684	New Jersey
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-	New Mexico
New York	7,698	390,267	397,965	309	24,285	25,194	881	24,015	24,896	8,885	502,167	518,055	New York
North Carolina	102	1,844	1,946	229	2,450	2,679	149	1,226	1,375	490	5,520	6,010	North Carolina
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-	North Dakota
Ohio	718	12,332	13,100	55	5,305	5,360	673	15,468	16,141	1,574	33,205	35,179	Ohio
Oklahoma	-	-	-	167	331	498	27	71	98	194	584	778	Oklahoma
Oregon	5,331	65,997	71,488	80	745	825	287	538	825	5,768	67,260	73,038	Oregon
Pennsylvania	368	60,371	60,739	250	13,025	13,275	385	19,090	19,475	1,003	86,486	87,489	Pennsylvania
Rhode Island	5	3,592	3,597	-	513	513	10	6,820	6,830	15	10,925	10,940	Rhode Island
South Carolina	985	10,360	11,345	675	6,399	7,074	69	1,499	1,568	1,729	18,258	19,987	South Carolina
South Dakota	53	344	397	168	1,400	1,568	-	-	-	161	1,714	1,875	South Dakota
Tennessee	332	23,502	24,434	120	914	1,034	4	693	697	1,056	25,109	26,165	Tennessee
Texas	5	562	567	84	954	1,038	-	1,994	1,994	89	2,940	3,029	Texas
Utah	-	-	-	6	24	30	-	-	-	6	24	30	Utah
Vermont	-	3,368	3,368	19	295	314	82	3,893	3,915	101	7,496	7,597	Vermont
Virginia	148	1,909	2,057	50	607	657	35	790	825	243	3,300	3,543	Virginia
Washington	1,748*	41,566	43,314	252	-	252	179	5,965	6,144	2,179	47,531	49,710	Washington
West Virginia	4	1,831	1,835	44	747	791	53	425	478	101	3,003	3,104	West Virginia
Wisconsin	909	50,752	51,661	213	3,539	3,539	5,821	198,977	144,798	6,943	193,055	199,998	Wisconsin
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-	Wyoming
Total for Continental U. S.	29,376	1,100,504	1,129,880	8,335	143,903	152,238	12,870	355,492	368,362	50,581	1,599,899	1,650,480	Total for Continental U. S.
Hawaii	249	35,917	36,166	30	106	136	3	149	152	282	36,192	36,474	Hawaii
Puerto Rico	464	20,155	20,619	-	3,574	3,574	5	460	465	469	24,189	24,658	Puerto Rico
Grand Total	30,089	1,156,594	1,186,685	8,365	147,509	155,948	12,878	356,101	368,979	51,332	1,660,280	1,711,612	Grand Total

* 68 acres direct seeded.

Table 4
WINDBARRIER PLANTING ON ALL OWNERSHIP OF LAND IN 1955
 (EXCLUSIVE OF FOREST PLANTING)
 July 1, 1954 - June 30, 1955

State	Federal Lands			Other Public (Non-Federal) Lands			Privately-Owned Lands			Total - Table 4			State
	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	Current Year	Previous Years	Total	
Alabama	75	3	78	-	-	-	-	-	-	75	3	78	Alabama
Arizona	1,888	1,468	3,356	-	-	-	90	942	1,032	1,978	2,610	4,588	Arizona
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-	Arkansas
California	2	212	214	-	-	-	60	5,000	5,060	62	5,212	5,274	California
Colorado	1	41	42	-	-	-	995	19,860	20,855	996	19,901	20,897	Colorado
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-	Connecticut
Delaware	-	-	-	-	-	-	-	-	-	-	-	-	Delaware
Florida	-	-	-	-	-	-	-	-	-	-	-	-	Florida
Georgia	-	-	-	-	-	-	-	-	-	-	-	-	Georgia
Idaho	-	52	52	-	-	-	732	6,515	6,847	732	6,567	6,899	Idaho
Illinois	-	-	-	-	-	-	100	2,200	2,300	100	2,200	2,300	Illinois
Indiana	-	-	-	-	-	-	928	10,500	11,428	928	10,500	11,428	Indiana
Iowa	-	8	8	-	-	-	29	28,090	28,059	29	28,038	28,067	Iowa
Kansas	-	17	17	-	-	-	905	203,955	204,860	905	203,972	204,877	Kansas
Kentucky	-	-	-	-	-	-	25	-	25	25	-	25	Kentucky
Louisiana	-	-	-	-	-	-	-	-	-	-	-	-	Louisiana
Maine	-	-	-	-	-	-	-	-	-	-	-	-	Maine
Maryland	-	-	-	-	-	-	-	-	-	-	-	-	Maryland
Massachusetts	-	-	-	-	-	-	-	-	-	-	-	-	Massachusetts
Michigan	-	-	-	-	-	-	150	6,500	6,650	150	6,700	6,650	Michigan
Minnesota	5	29	34	-	-	-	100	15,750	15,850	105	15,779	15,884	Minnesota
Mississippi	-	-	-	-	-	-	-	-	-	-	-	-	Mississippi
Missouri	15	165	180	-	-	-	150	1,750	1,900	165	1,915	2,080	Missouri
Montana	7	357	364	-	-	-	435	12,148	12,583	442	12,505	12,947	Montana
Nebraska	-	585	585	-	-	-	6,600	291,522	298,122	6,600	292,107	298,707	Nebraska
Nevada	-	-	-	-	-	-	26	423	449	26	423	449	Nevada
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-	New Hampshire
New Jersey	-	-	-	-	-	-	-	-	-	-	-	-	New Jersey
New Mexico	1,115	684	1,799	-	-	-	23	3,236	3,259	1,138	3,920	5,058	New Mexico
New York	1	-	1	-	-	-	-	-	-	1	-	1	New York
North Carolina	-	32	32	-	-	-	-	-	-	-	32	32	North Carolina
North Dakota	96	2,291	2,327	-	313	313	7,600	84,398	91,998	7,696	87,002	94,698	North Dakota
Ohio	-	9	9	-	-	-	40	2,000	2,040	40	2,009	2,049	Ohio
Oklahoma	2	53	55	16	125	141	625	56,556	57,181	643	56,734	57,377	Oklahoma
Oregon	10	72	82	-	-	-	-	-	-	10	72	82	Oregon
Pennsylvania	4	-	4	-	-	-	-	-	-	4	-	4	Pennsylvania
Rhode Island	-	1	1	-	-	-	-	-	-	-	1	1	Rhode Island
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-	South Carolina
South Dakota	52	1,512	1,564	99	3,854	3,953	6,746	80,621	87,367	6,897	85,987	92,884	South Dakota
Tennessee	30	14	44	-	-	-	-	-	-	30	14	44	Tennessee
Texas	-	147	147	-	-	-	558	27,317	27,875	558	27,164	28,022	Texas
Utah	169	81	250	3	70	73	88	2,021	2,109	260	2,172	2,432	Utah
Vermont	-	-	-	-	-	-	-	-	-	-	-	-	Vermont
Virginia	-	-	-	-	-	-	77	-	77	77	-	77	Virginia
Washington	1	-	1	-	-	-	783	5,065	5,848	784	5,065	5,849	Washington
West Virginia	-	-	-	-	-	-	-	-	-	-	-	-	West Virginia
Wisconsin	5	5	10	-	-	-	-	7,600	7,600	5	7,605	7,610	Wisconsin
Wyoming	2	905	307	64	191	255	633	7,515	8,148	699	8,011	8,710	Wyoming
Total for Continental U.S.	3,420	8,343	11,763	182	4,553	4,735	28,098	881,424	909,522	31,700	894,320	926,020	Total for Continental U.S.
Hawaii	-	-	-	-	-	-	49	705	754	49	705	754	Hawaii
Puerto Rico	-	-	-	-	-	-	-	-	-	-	-	-	Puerto Rico
Grand Total	3,420	8,343	11,763	182	4,553	4,735	28,147	882,129	910,276	31,749	895,025	926,774	Grand Total

* Wind-barriers are shelterbelts to protect fields, and windbreaks to protect farmstead buildings.

Table 5
SUMMARY OF TREE PLANTING IN 1955
 July 1, 1954 - June 30, 1955

State	FOREST PLANTING									WIND-BARRIER PLANTING			GRAND TOTAL			State
	TABLE 1 Federal Acres Planted			TABLE 2 Other Public (Non-Federal) Acres Planted			TABLE 3 Private Acres Planted			TABLE 4 Wind-Barrier 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	1,081	71,755	72,836	204	3,991	4,195	36,729	184,325	221,052	75	1	76	38,089	260,103	
Arizona	262	4,103	4,365	-	-	-	-	1,444	1,444	1,978	2,610	4,588	2,280	10,157	12,377	Arizona
Arkansas	897	22,971	23,868	51	592	643	13,671	101,794	115,465	-	-	-	14,559	125,357	139,916	Arkansas
California	7,085	51,391	58,476	195	209	404	1,205	38,088	39,293	62	5,212	5,274	4,516	94,311	99,457	California
Colorado	121	69,231	69,352	-	160	160	-	3,288	3,288	996	10,901	20,897	1,117	72,598	73,715	Colorado
Connecticut	-	150	150	101	11,740	11,841	818	25,971	26,789	-	-	-	919	16,941	17,860	Connecticut
Delaware	-	100	100	14	599	613	275	9,977	10,592	-	-	-	389	2,954	3,343	Delaware
Florida	2,308	35,105	37,413	2,511	11,565	14,076	31,312	414,670	446,082	-	-	-	95,711	464,440	459,721	Florida
Georgia	2,767	19,967	22,734	470	7,772	8,242	7,772	508,252	516,024	-	-	-	99,188	424,568	423,380	Georgia
Idaho	78	101,212	101,290	25	399	424	118	2,277	2,405	112	4,567	4,679	1,262	110,368	112,170	Idaho
Illinois	1,465	40,476	41,941	1,568	10,849	12,417	4,455	59,215	63,670	100	2,200	2,300	7,728	114,919	122,647	Illinois
Indiana	1,512	21,588	23,100	1,761	21,258	23,019	4,211	56,816	61,027	928	10,580	11,508	3,012	111,972	119,984	Indiana
Iowa	-	1,988	1,988	150	7,592	7,742	280	261,492	262,232	29	28,028	28,057	459	298,970	299,029	Iowa
Kansas	-	100	100	-	4,000	4,000	38	26,000	26,038	908	203,972	204,880	908	215,072	216,020	Kansas
Kentucky	43	10,746	10,789	205	1,625	1,830	5,074	24,274	25,104	25	-	25	5,267	76,817	82,084	Kentucky
Louisiana	1,476	104,829	106,305	202	10,504	10,706	45,244	195,766	206,010	-	-	-	44,882	414,099	414,581	Louisiana
Maine	-	401	401	44	1,100	1,144	747	20,976	21,667	-	-	-	757	26,513	27,260	Maine
Maryland	-	1,471	1,471	767	4,445	5,212	2,528	11,807	14,431	-	-	-	3,387	37,703	41,090	Maryland
Massachusetts	-	500	500	106	63,725	64,231	536	16,621	17,111	-	-	-	596	97,886	98,482	Massachusetts
Michigan	5,641	201,172	206,813	3,829	716,271	720,100	37,180	187,689	224,869	140	6,500	6,640	46,300	1,055,596	1,122,526	Michigan
Minnesota	4,578	110,121	114,699	7,091	55,072	62,163	5,299	107,577	112,876	105	15,779	15,884	47,864	329,609	337,475	Minnesota
Mississippi	2,183	151,928	154,111	249	7,776	8,025	51,866	258,380	266,406	-	-	-	54,208	114,028	168,236	Mississippi
Missouri	888	64,896	65,784	794	4,770	5,564	1,238	28,040	29,278	165	1,515	2,030	2,796	99,775	102,571	Missouri
Montana	1,176	37,044	38,220	-	95	95	152	4,040	4,232	442	12,022	12,464	2,086	50,616	52,702	Montana
Nebraska	-	70,310	70,310	-	1,646	1,646	-	14,951	14,951	6,800	292,107	298,907	4,406	319,414	324,314	Nebraska
Nevada	73	315	388	-	-	-	-	-	-	36	467	467	89	586	622	Nevada
New Hampshire	-	1,191	1,191	101	12,509	12,610	1,029	26,081	27,110	-	-	-	3,123	40,697	41,720	New Hampshire
New Jersey	12	595	607	31	14,653	14,684	1,264	30,294	31,558	-	-	-	3,327	44,442	45,769	New Jersey
New Mexico	202	5,164	5,366	-	-	-	2,097	2,097	2,097	1,110	3,920	5,030	-	11,949	12,709	New Mexico
New York	20	7,923	7,943	8,588	505,167	513,755	11,723	104,262	115,985	1	-	1	40,702	283,382	284,084	New York
North Carolina	1,329	16,841	18,170	490	5,520	6,010	22,107	101,130	123,237	-	70	70	27,824	123,923	147,747	North Carolina
North Dakota	-	947	947	-	-	-	-	2,000	2,000	7,016	87,002	94,018	7,614	89,969	97,583	North Dakota
Ohio	988	15,245	16,233	1,974	39,205	41,179	4,450	130,245	134,695	40	2,009	2,049	12,652	150,704	152,754	Ohio
Oklahoma	-	4,782	4,782	194	580	774	1,498	15,737	17,235	613	56,794	57,377	2,515	95,409	100,944	Oklahoma
Oregon	16,694	94,267	110,961	5,759	47,288	53,047	5,244	79,144	84,388	10	73	83	23,300	240,095	263,411	Oregon
Pennsylvania	147	21,194	21,341	1,707	25,154	26,861	6,730	90,575	97,305	4	-	4	79,881	98,253	102,934	Pennsylvania
Rhode Island	-	129	129	15	10,925	11,044	112	21,402	21,514	-	1	1	127	32,751	32,878	Rhode Island
South Carolina	10,852	51,840	62,692	1,720	18,255	19,975	72,999	277,787	279,786	-	-	-	45,280	407,995	415,575	South Carolina
South Dakota	966	30,659	31,625	161	1,741	1,902	1	15,800	15,801	6,897	85,887	92,684	4,025	174,090	180,915	South Dakota
Tennessee	7,857	56,829	64,686	1,052	25,169	26,221	19,044	154,916	173,960	70	44	114	22,775	268,668	291,643	Tennessee
Texas	41	52,649	52,710	89	2,940	3,029	22,428	125,297	128,325	228	27,440	28,022	33,114	208,970	211,454	Texas
Utah	10	7,999	8,009	6	404	410	8	492	500	760	2,173	2,472	4,897	6,976	7,476	Utah
Vermont	4	1,320	1,324	101	7,496	7,597	1,595	27,214	28,811	-	-	-	1,700	36,032	37,732	Vermont
Virginia	712	7,377	8,089	247	3,500	3,747	15,167	98,481	103,648	77	16,199	16,276	16,199	69,158	85,457	Virginia
Washington	9,155	111,174	120,329	2,179	47,511	49,690	5,110	108,712	113,822	784	7,065	7,849	19,225	275,822	295,210	Washington
West Virginia	63	16,470	16,533	104	3,007	3,111	2,342	25,985	28,327	-	-	-	3,500	45,458	47,958	West Virginia
Wisconsin	1,404	294,241	295,645	6,743	193,055	199,798	20,622	194,781	215,403	5	7,405	7,410	26,774	611,672	619,082	Wisconsin
Wyoming	259	7,304	7,563	-	-	-	-	-	-	699	8,011	8,710	978	15,715	16,273	Wyoming
Total for Continental U.S.	74,877	2,264,122	2,338,999	50,591	1,599,899	1,650,490	65,449	4,485,407	5,136,856	71,700	894,320	966,020	810,607	9,663,748	10,474,355	Total for Continental U.S.
Hawaii	-	-	-	282	24,192	24,474	115	60,594	61,009	-	-	-	397	97,096	97,493	Hawaii
Puerto Rico	125	12,972	13,097	619	24,139	24,758	94	61,144	61,238	19	705	724	1,564	30,630	32,194	Puerto Rico
Grand Total	75,002	2,277,094	2,352,096	51,132	1,624,030	1,715,412	65,565	4,546,651	5,198,094	71,719	895,025	966,744	812,508	9,761,644	10,506,549	Grand Total

Table 6

FOREST AND WINDBARRIER STOCK DISTRIBUTED BY THE STATES IN 1955

July 1, 1954 - June 30, 1955

State	Distribution By State Organization Within State					C-M & Non-C-M & Combined Quantities Shipped (M)	Production In State Nurseries		State
	Clark-McNary Program Alone						Number of Nurseries Producing Trees in 1955	1955 Actual (M)	
	Quantities Shipped			Price Charged (Ave.)					
	Seedlings (M)	Transplants (M)	Total (M)	Seedlings (\$)	Transplants (\$)				
Alabama	29,131 M	-	29,131 M	\$ 3.00	-	29,411 M	3	20,208 M	Alabama
Arizona	No Program	-	-	-	-	-	-	-	Arizona
Arkansas	16,263	-	16,263	3.00	-	16,263	1	14,763	Arkansas
California	654	47 M	701	10.07	\$142.57	866	4	926	California
Colorado	219	219	438	23.23	29.06	468	-	-	Colorado
Connecticut	726	193	919	26.65	40.00	919	1	841	Connecticut
Delaware	432	-	432	Free	-	442	1	650	Delaware
Florida	40,683	-	40,683	3.01	-	42,026	2	33,560	Florida
Georgia	112,348	-	112,348	3.01	-	114,238	4	115,655	Georgia
Idaho	234	120	354	15.00	16.00	442	1	432	Idaho
Illinois	5,978	58	6,036	11.79	19.14	6,161	2	7,173	Illinois
Indiana	5,445	1,940	7,088	13.88	15.00	10,493	7	9,932	Indiana
Iowa	89	352	441	10.38	20.00	441	1	441	Iowa
Kansas	No Program	-	-	-	-	150	1	150	Kansas
Kentucky	4,983	-	4,983	6.76	-	4,913	1	1,310	Kentucky
Louisiana	32,456	-	32,456	3.00	-	33,386	2	36,151	Louisiana
Maine	664	131	795	10.00	10.00	795	1	441	Maine
Maryland	3,645	-	3,645	Free	-	3,645	1	3,421	Maryland
Massachusetts	-	604	604	-	23.81	604	3	604	Massachusetts
Michigan	3,251	1,610	4,861	7.45	15.49	22,380	6	21,320	Michigan
Minnesota	Distribution is not under C-M & Program					-	-	-	Minnesota
Mississippi	22,895	-	22,895	3.50	-	13,383	2	13,383	Mississippi
Missouri	1,632	-	1,632	7.27	-	2,405	1	2,990	Missouri
Montana	470	84	554	28.99	40.00	554	1	674	Montana
Nebraska	398	240	1,338	28.38	32.50	1,338	-	-	Nebraska
Nevada	Distribution is made as a part of Utah's C-M & Program					-	-	-	Nevada
New Hampshire	-	1,123	1,123	-	6.02	1,123	1	1,423	New Hampshire
New Jersey	1,296	-	1,296	7.94	-	1,375	1	1,395	New Jersey
New Mexico	No Program	-	-	-	-	-	-	-	New Mexico
New York	38,647	-	38,647	3.24	-	38,647	2	38,602	New York
North Carolina	22,565	-	22,565	2.56	-	24,070	3	24,189	North Carolina
North Dakota	898	255	1,153	10.00	30.00	1,163	2	1,164	North Dakota
Ohio	9,481	-	9,481	10.57	-	11,671	3	12,118	Ohio
Oklahoma	1,876	-	1,876	7.44	-	1,932	2	3,313	Oklahoma
Oregon	5,907	-	5,907	8.75	-	5,907	1	5,916	Oregon
Pennsylvania	10,418	253	10,671	6.00	15.00	11,962	4	11,964	Pennsylvania
Rhode Island	102	-	102	9.61	-	102	1	130	Rhode Island
South Carolina	34,728	-	34,728	2.44	-	35,291	1	34,553	South Carolina
South Dakota	1,905	392	2,297	30.03	31.30	2,297	-	-	South Dakota
Tennessee	12,057	-	12,057	3.01	-	12,457	1	12,607	Tennessee
Texas	20,513	-	20,513	3.33	-	20,587	1	15,511	Texas
Utah	116	17	133	23.62	35.00	133	1	101	Utah
Vermont	1,173	200	1,373	8.48	9.53	1,446	1	1,570	Vermont
Virginia	15,489	-	15,489	4.63	-	15,643	2	14,484	Virginia
Washington	406	84	490	6.00	50.00	5,479	2	5,294	Washington
West Virginia	2,373	-	2,373	11.37	-	2,369	2	2,569	West Virginia
Wisconsin	19,638	5,063	24,701	7.31	21.84	24,701	8	23,490	Wisconsin
Wyoming	196	46	242	25.00	30.00	242	-	-	Wyoming
Total for Continental U.S.	482,013 M	13,731 M	495,744 M	\$4.18	\$19.66	547,915 M	89	518,463 M	Total for Continental U.S.
Hawaii	22	-	22	-	-	151	5	188	Hawaii
Puerto Rico	246	-	246	-	-	311	2	311	Puerto Rico
Grand Total	482,281 M	14,290 M	496,571 M	\$4.18	\$19.66	548,377 M	90	519,462 M	Grand Total

Weighted national average selling price - \$4.63

GPO 903421