

NUMBER 9

JANUARY 1952

TREE PLANTERS' NOTES

**A Publication for Nurserymen and Planters
of Forests and Shelterbelts**



CONTENTS:

ANNUAL PLANTING REPORT - 1951

FOREST TREE NURSERIES OF THE U. S. - 1951

**U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE**

WASHINGTON 25, D. C.

TREE PLANTERS' NOTES NO. 9

This issue of Tree Planters' Notes gives the record of the Nation's forest and shelterbelt planting work in fiscal year 1951, and a copy of a list or directory of the year's forest tree nurseries. These 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 titled:

Forest and Shelterbelt Planting in the United States During 1951

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

Forest Tree Nurseries of the United States - 1951

Location and ownership
Name of resident nurseryman
Production in fiscal year 1951

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

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. The address is; Chief, Forest Service, U. S. Department of Agriculture, Washington 25, D. C.

Call for Papers on Specific Subjects

One of the most sought after and widely distributed editions of Tree Planters' Notes yet issued was No. 6. It carried articles on costs, experiences, methods, and machine modification for mechanical field planting. The supply of this issue is exhausted and another issue with new and more articles is planned. We will welcome articles for it on any phase of field planting (hand or machine) -- costs, design, methods, machine modifications or anecdotes about the every day life of a planting job.

The same thing holds for another issue on nursery equipment. We have seen nursery devices indeed worthy of publicizing, although apparently commonplace to the men using them. For example, there are nurseries which determine quantities sold by weighing samples; which have substituted scotch tape for steel strapping cord; which apply fertilizer in the irrigation water; and which have shipping tags that also serve as order blanks and inventory control. And then there are some with simple devices like a box of crankcase oil soaked sand outside the tool room door for cleaning dirt off shovels and hoes. There are seed cleaning devices, weed control methods, tillage tools, mulching practices, bird protective equipment, wildling transplant techniques, and others that should be told to the world.

Here is a chance to tell your associates what you or your outfit is doing.

Therefore, in addition to our standing invitation for articles on any pertinent subject, we now issue a special invitation to the profession for articles on field planting and on nursery equipment. No dead-line is set for their receipt although the issues will be published as soon as possible. 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.

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.

FOREST TREE NURSERIES OF THE UNITED STATES

1951

LOCATION AND OWNERSHIP
NAME OF RESIDENT NURSERYMAN
PRODUCTION IN FISCAL YEAR 1951

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

FOREST TREE NURSERIES OF THE UNITED STATES IN 1951 -/

Operators	Active Tree Producers	1951 Production (M's)
<u>Federal</u>	:	:
Forest Service	13 ^{2/} _{3/}	47,647
Soil Conservation Service	15	20,329
Department of Interior	0	0
Tennessee Valley Authority	2 ^{4/}	18,997
Total Federal	30	86,973 M
<u>State</u>	:	:
State Foresters or equivalent	83 ^{5/}	307,277
Total State	83	307,277 M
<u>Municipal</u>	:	:
City of Seattle, Washington	1	52
Total Municipal	1	52 M
<u>County</u>	:	:
Los Angeles County, California	1	185
Total County	1	185 M
<u>Industry</u>	:	:
Paper companies	5	8,157
Sawmill and land companies	6	15,650
Total Industry	11	23,777 M
<u>Commercial</u>	:	:
Soil Conservation Districts	4	3,200
Regular private companies	Incomplete	Incomplete ^{6/}
Total Commercial	Incomplete	Incomplete
NATIONAL TOTAL	:	:

11 The data for this list was compiled after correspondence with the nurseries' operating agencies (as the State Foresters) or, in a few cases, directly with the nursery itself.

Omissions and corrections of data should be reported to the Chief, U.S. Forest Service, Washington 25, D.C. They will be incorporated in this fiscal year 1952 list which will be issued when the data is available.

2/ The Forest Service has 3 additional nurseries which are currently inactive.

31 These 15 S.C.S. nurseries also produce shrubs, and grasses and legume plants and seed. Eleven other S.C.S. grass and shrub nurseries which produced few or no trees are shown in the body of the list but are not included in this summary.

11 The T.V.A. also has one small experimental nursery which produces no forest planting stock.

5/ Seventy-two of these nurseries were under the C-M 4 program.

6/ With the help of the State Foresters, U.S.F.S. field men, Executive Secretary Richard White of the American Association of Nurserymen, and others, a list of the Nation's commercial nurseries thought to be producing 100 M or more of forest planting stock was compiled. Letters were then written to each. A few did not reply to our letter but one or two of them are listed anyway if we had other information on their output. However, because it is possible that some Companies have been missed in spite of our best efforts this list must be considered as incomplete for the "regular commercial" class.

FOREST-TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>ALABAMA</u>				
				<u>Thorsby at Thorsby</u> W. C. Young, Nursery Manager SCS, Region 2; Spartanburg, S.C. 1,032 M produced 1951				
				<u>Muscle Shoals at Florence</u> Charles B. Umland, Nursery Supt. Tennessee Valley Authority; Norris, Tenn. 8,991 M produced 1951				
				<u>Alabama Polytechnic Institute at Auburn</u> Wm. H. Morrow, Nurseryman API School of Forestry thru State Forester; Montgomery, Ala. 498 M produced 1951				
				<u>John R. Miller State Forest at Autaugaville</u> Hollis E. Hyde, Nurseryman State Forester; Montgomery 4, Ala. 12,470 M produced 1951				
				<u>Atmore at Atmore</u> Carl A. Muller, In Charge State Forester, Montgomery 4, Ala. (Construction started)				
				<u>ARIZONA</u>				
				<u>Tucson at Tucson</u> L. P. Hamilton, Nursery Manager SCS, Region 6; Albuquerque, N. Mex. 40 M produced 1951				
				<u>ARKANSAS</u>				
				<u>Arkansas State at Bluff City</u> Paul M. Adams, Nurseryman Div. of Forestry & Parks; Little Rock, Ark. 13,077 M produced 1951				
				<u>CALIFORNIA</u>				
				<u>Shasta at Mt. Shasta</u> K. B. Lanquist, Nurseryman Shasta National Forest; Mt. Shasta, Calif. 3,602 M produced 1951				

FOREST—TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL		COUNTY
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Vol. Authority		Paper	Lumber	Soil Cons. District	Regular	
<u>CALIFORNIA (Continued)</u>									
<u>Pleasanton at Pleasanton</u>									
H. W. Miller, Nursery Manager SCS, Region 7; Portland, Oregon 65 M produced 1951									
<u>San Fernando at San Fernando</u>									
Dr. L. A. Mullen, Nursery Manager SCS, Region 7; Portland, Oregon 80 M produced 1951									
<u>Ben Lomond at Ben Lomond</u>									
Ronald Adams, In Charge Calif. Div. of Forestry, Sacramento, Calif. 386 M produced 1951 (Only 23 M reported in National Totals)									
<u>California State at Davis</u>									
Ronald Adams, Nursery Manager State Forester, Sacramento, Calif. 132 M produced 1951 (Only 46 M reported in National Totals)									
<u>Parlin Fork at Fort Bragg</u>									
Ronald Adams, In Charge Calif. Div. of Forestry, Sacramento, Calif. 173 M produced 1951 (Not included in National Totals)									
<u>Henniger Flats at Altadena</u>									
Samuel F. Gossard, Asst. Forester Los Angeles County, Los Angeles, Calif. 185 M produced 1951									
<u>COLORADO</u>									
<u>Monument at Monument</u>									
Jesse W. Fox, Nurseryman Pike National Forest, Colorado Springs, Colo. 1,011 M produced 1951									
<u>Kroh Brothers* at Loveland</u>									
Kroh Brothers, Nurserymen Kroh Brothers' Nurseries, Loveland, Colo. 120 M produced 1951									

FOREST-TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>CONNECTICUT</u>				
					<u>Peoples State Forest at Pleasant Valley</u>			
					A. J. Brooks, Forest Ranger State Forester; Hartford, Conn. 383 M produced 1951			
							<u>Northeastern For. Co. at Cheshire</u> Frederick S. Baker, Owner Northeastern For. Co.; Cheshire, Conn. 250 M produced 1951	
				<u>DELAWARE</u>				
					<u>State Forest Tree at Lincoln</u>			
					O. D. Bailey, Forest Ranger State Forester; Dover, Del. 303 M produced 1951			
				<u>FLORIDA</u>				
					<u>Brooksville at Brooksville</u>			
					C. B. Blickensderfer, Nursery Manager SCS, Region 2; Spartanburg, S.C. (Tree production negligible)			
					<u>Munson at Munson</u>			
					Philip A. Krul, Forest Manager State Forester; Tallahassee, Fla. 7,498 M produced 1951			
					<u>Olustee at Olustee</u>			
					W. T. Green, Nurseryman State Forester; Tallahassee, Fla. 7,975 M produced 1951			
					<u>Jack Lawton at Cantonment</u>			
					J. R. McKee, Acting Nurseryman St. Regis Paper Co., Box 1591; Pensacola, Fla. 5,000 M produced 1951			
					<u>LaBelle at LaBelle</u>			
					Robert E. Byrd, Nurseryman Atlantic Land & Improvement Co.; LaBelle, Fla. 1,000 M produced 1951			

FOREST—TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular
				GEORGIA				
				Americus at Americus				
				J. D. Powell, Nursery Manager SCS, Region 2, Spartanburg, S.C. (Tree production negligible)				
				Davisboro at Davisboro				
				Mack Neal, Nurseryman Ga. Forestry Commission; Atlanta 3, Ga. 13,016 M produced 1951				
				Flowery Branch at Flowery Branch				
				Buster Harris, Superintendent Ga. Forestry Commission; Atlanta 3, Ga. 5,838 M produced 1951				
				Herty at Albany				
				M. E. Murphy, Superintendent Ga. Forestry Commission; Atlanta 3, Ga. 15,694 M produced 1951				
				Dawson at Dawson				
				, Nurseryman Ga. Forestry Commission; Atlanta 3, Ga. (Construction started)				
				Sapelo Forest at Eulonia				
				T. Dalby, Forest Supervisor Union Bag Co.; Savannah, Ga. 200 M produced 1951				
				HAWAII				
				Haiku at Haiku, Maui				
				Territorial Forester, Honolulu 50 M produced 1951				
				Hilo at Hilo Hawaii				
				Territorial Forester, Honolulu 116 M produced 1951				
				Lihue at Lihue Kauai				
				Territorial Forester, Honolulu 16 M produced 1951				
				Makiki at Honolulu				
				Territorial Forester, Honolulu 27 M produced 1951				

FOREST—TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>HAWAII</u> (Continued)				
				Molokai at Kaunakaki, Molokai Territorial Forester; Honolulu 7 M produced 1951				
				Waihou Spring at Clinda, Maui Territorial Forester; Honolulu (Inactive)				
				<u>IDAHO</u>				
				Aberdeen at Aberdeen Donald S. Douglas, Nursery Manager SCS, Region 7; Portland, Oregon (Herbaceous seed only)				
				School of Forestry at Moscow Frank Pitkin, State Nurseryman University of Idaho; Moscow, Idaho 521 M produced 1951				
				<u>ILLINOIS</u>				
				Mason State at Topeka Hugh B. Wycoff, Staff Forester Ill. Dept. of Cons., Div. of For.; Springfield, Ill. 1,677 M produced 1951				
				Union State at Jonesboro Leslie H. Kahler, Staff Forester Ill. Dept. of Cons., Div. of For.; Springfield, Ill. 1,123 M produced 1951				
				<u>INDIANA</u>				
				Vallonia at Vallonia Charles C. Mony, Nurseryman Wayne-Hoosier Purchase Units; Bedford, Ind. 5,017 M produced 1951				
				Clark State at Henryville Kenneth I. Cook, Superintendent Dept. of Cons., Div. of For.; Indianapolis, Ind. 617 M produced 1951				

FOREST—TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Vol. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>INDIANA</u>				
					(Continued)			
					<u>Jackson State at Vallonia</u>			
					Stanley J. Hensler, Superintendent Dept. of Cons., Div. of For.; Indianapolis, Ind. 1,927 M produced 1951			
					<u>Jasper Pulaski State at Medaryville</u>			
					Otho Henderson, Superintendent Dept. of Cons., Div. of For.; Indianapolis, Ind. 1,766 M produced 1951			
				<u>IOWA</u>				
					<u>Keosauqua at Keosauqua</u> Regional Forester; Milwaukee 3, Wisc. (Inactive)			
					<u>Ames at Ames</u> Virgil B. Hawk, Nursery Manager SCS, Region 3; Milwaukee 3, Wisc. (Herbaceous seed only)			
					<u>State Forest at Ames</u> W. K. Wyatt, Nurseryman Iowa Cons. Comm., Div. of Lands & Waters; Des Moines, Iowa 492 M produced 1951			
								<u>Henry Field S.&N. Co. at Shenandoah</u> George Rose, Vice President, Henry Field Seed and Nursery Co. 500 M produced 1951
								<u>Mt. Arbor at Shenandoah</u> E. S. Welch, Owner 450 M produced 1951
				<u>KANSAS</u>				
					<u>Manhattan at Manhattan</u> Fred P. Eshbaugh, Nursery Manager SCS, Region 5; Lincoln, Nebr. 699 M produced 1951			

FOREST-TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>KANSAS</u> (Continued)				
				<u>State Forest at Hays</u> J. G. Harrison, Nurseryman Agri. Experiment Station; Manhattan, Kan. 713 M produced 1951				
								<u>Kansas Landscape at Salina</u> Ralph B. Ricklefs Sr. & Jr., Owners 400 M produced 1951
								<u>Prairie Gardens at McPherson</u> Prairie Gardens Nursery Co.; McPherson, Kan. _____ M produced 1951
								<u>Skinner at Topeka</u> J. Henry Skinner, Nurseryman J. H. Skinner & Co.; Topeka, Kan. 100 M produced 1951
								<u>Willis at Ottawa</u> J. J. Pinney & Harold Crawford, Owners; Ottawa, Kan. 3000 M produced 1951
				<u>KENTUCKY</u>				
				<u>Paducah at Paducah</u> W. J. Guernsey, Nursery Manager SCS, Region 2; Spartanburg, S.C. (No tree Production)				
				<u>Pennyrile at Dawson Springs</u> J. P. Rhody, District Forester State Forester; Frankfort, Ky. 34 M produced 1951				
				<u>State Division of Forestry at Louisville</u> T. B. Wellington, Nurseryman State Forester; Frankfort, Ky. 328 M produced 1951				
				<u>LOUISIANA</u>				
				<u>Minden at Minden</u> Geo. T. Ratliffe, Nursery Manager SCS, Region 4; Fort Worth 1, Texas 5,331 M produced 1951				

FOREST-TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>LOUISIANA (Continued)</u>				
				<u>Northwest Louisiana at Sibley</u>				
				J. W. Stevens, Nurseryman State Forester; Baton Rouge, La. 11,011 M produced 1951				
				<u>Southwest Louisiana at Oberlin</u>				
				E. E. Turner, Nurseryman State Forester; Baton Rouge, La. 19,112 M produced 1951				
				<u>Stuart at Pollock</u>				
				Carroll E. Kingsley, Nurseryman State Forester; Baton Rouge, La. 7,793 M produced 1951				
				<u>Hodge at Hodge</u>				
				James A. Rushing, Nurseryman Southern Advance Bag & Paper co., Inc.; Hodge, La. 1,707 M produced 1951				
				<u>Lock Moore at Gordon (P.O. address DeQuincy)</u>				
				R. L. "Bob" Cleveland, Forester-in-charge Edgewood Land & Logging Co.; DeQuincy, La. 4000 M produced 1951				
				<u>Quatre Parish at Oberlin</u>				
				Max Chesson, Forester Quatre Parish Co.; Lake Charles, La. 4,000 M produced 1951				
				<u>MAINE</u>				
				<u>State Forest at Orono</u>				
				Roger Taylor, Nurseryman Forest Commissioner; Augusta, Me. 49 M produced 1951				
				<u>Western Maine Forest at Fryeburg</u>				
				Harry K. Eastman, President Western Maine Forest Nursery Co., Fryeburg, Me. 450 M produced 1951				

FOREST—TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>MARYLAND</u>				
				SCS National Observational at Beltsville W. W. Steiner, Nursery Manager SCS; Washington 25, D.C. (Observational production only)				
				State Forest at Harmans Silas Sines, Nurseryman State Forester; Annapolis, Md. 844 M produced 1951				
				<u>MASSACHUSETTS</u>				
				Amherst at Amherst John Palmer, Nursery Superintendent State Forester; Boston, Mass. 182 M produced 1951				
				Bridgewater at Bridgewater Maynard Hall, Nursery Superintendent State Forester; Boston, Mass. 234 M produced 1951				
				Clinton at Clinton Charles Palmer, Nursery Superintendent State Forester; Boston, Mass. 258 M produced 1951				
				<u>MICHIGAN</u>				
				Chittenden at Wellston Edward D. Clifford, Nurseryman Lower Michigan National Forest; Cadillac, Mich. 4,800 M produced 1951				
				J. W. Toumey at Watersmeet Howard W. Schneider, Nurseryman Ottawa National Forest; Ironwood, Mich. 4,000 M produced 1951				
				Bogue at East Lansing W. Ira Bull, Associate Professor Michigan State College, E. Lansing, Mich. 539 M produced 1951				

FOREST-TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL		
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular	
				<u>MICHIGAN (Continued)</u>					
								<p><u>Evergreens at Fennville</u> Walter A. Studley Nursery; Fennville, Mich. 259 M produced 1951</p> <p><u>Forestry Associates at Crystal Lake</u> Eugene Kuhne, Forester Forestry Associates, Hart, Mich. 500 M produced 1951</p> <p><u>Huntree at Whitehall</u> Howard P. Hunt, Superintendent Huntree Nursery, Whitehall, Mich. 498 M produced 1951</p>	
				<u>MINNESOTA</u>					
								<p><u>Eveleth at Eveleth</u> Robert O. Sowash, Nurseryman Superior National Forest; Duluth, Minn. 3,000 M produced 1951</p> <p><u>Lydick at Cass Lake</u> Chippewa National Forest; Cass Lake (Inactive)</p> <p><u>Winona at Winona</u> Thor K. Bergh, Nursery Manager SCS, Region 3, Milwaukee 3, Wisc. 3,052 M produced 1951</p> <p><u>Badoura State at Akeley</u> L. W. Hinds, Nursery Superintendent Minn. Dept. Cons., Div. of For.; St. Paul, Minn. 1,801 M produced 1951</p> <p><u>General Andrews at Willow River</u> John K. Childs, Coordinator of Nurseries Minn. Dept. Cons., Div. of For.; St. Paul, Minn. 1,801 M produced 1951</p> <p><u>Knife River at Two Harbors</u> A. P. Chapman, Nurseryman North Star Timber Co.; Duluth, Minn. 100 M produced 1951</p>	

FOREST—TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>MINNESOTA (Continued)</u>				
								<u>Andrews at Faribault</u> Thor K. Bergh, Superintendent Andrews Nursery Co., Faribault, Minn. 508 M produced 1951
								<u>Cashman, Inc. at Owatonna</u> M. J. Cashman, President 400 M produced 1951
								<u>Lake City at Lake City</u> Harry C. Francis, President The Lake City Nurseries, Inc., Lake City, Minn. 1,000 M produced 1951
								<u>J. V. Bailey at St. Paul</u> Vincent K. Bailey, Nurseryman J. V. Bailey Nurseries, St. Paul 6, Minn. 650 M produced 1951
								<u>Jewell at Lake City</u> Ken Law, President & Manager Jewell Nurseries, Inc., Lake City, Minn. 1,150 M produced 1951
								<u>Wedge at Albert Lea</u> R. C. Wedge, President Wedge Nursery, Inc., Albert Lea, Minn. 75 M produced 1951
				<u>MISSISSIPPI</u>				
								<u>W. W. Ashe at Brooklyn</u> Gerald F. Erambert, Nurseryman Desoto National Forest; Jackson, Miss. 11,844 M produced 1951
								<u>Covington Co. at Mt. Olive</u> Billy C. James, Nurseryman State Forester; Jackson, Miss. 4,894 M produced 1951

FOREST—TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>MISSISSIPPI (Continued)</u>				
				Winona	at Winona			
				John Little, Nurseryman State Forester; Jackson, Miss.				
				12,729 M produced 1951				
				<u>MISSOURI</u>				
				Elsberry at Elsberry				
				J. C. Kopitke, Nursery Manager				
				SCS, Region 3, Milwaukee 3, Wisc.				
				1203 M produced 1951				
				Licking at Licking				
				Robert O. Danson, Nurseryman				
				Mo. Cons. Comm., Div. of For.; Jefferson City, Mo.				
				1,480 M produced 1951				
				Meramec State at Sullivan				
				Oscar Caldwell, Foreman				
				Mo. Cons. Comm., Div. of For.; Jefferson City, Mo.				
				(All shrubs - Under Pittman-Robertson)				
				(Not included in national totals on summary sheet)				
								Forest Keeling at Elsberry
								Hugh Steavenson, Proprietor
								3,500 M produced 1951
				<u>MONTANA</u>				
				Savenac at Haugan				
				James W. Augenstein, Nurseryman				
				Timber Mgt., Regional Forester; Missoula, Mont.				
				1030 M produced 1951				
				Montana Forestry School at Missoula				
				Franklin C. Cech, State Nurseryman				
				Mont. State University; Missoula, Mont.				
				785 M produced 1951				
				J. Neils at Libby				
				J. Neils Lumber Co.; Libby, Mont.				
				50 M produced 1951 (estimate)				

FOREST—TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>NEBRASKA</u>				
								<u>Bessey at Halsey</u> John S. Maslack, Nurseryman Nebr. National Forest; Halsey, Nebr. 3,631 M produced 1951
								<u>Two Rivers at Waterloo</u> Laird G. Wolfe, Nursery Manager SCS, Region 5; Lincoln, Nebr. 688 M produced 1951
								<u>Marshall at Arlington</u> Howard Edmondson, Gen. Foreman Marshall Nurseries; Arlington, Nebr. 500 M produced 1951
								<u>Plumfield at Fremont</u> J. R. Weir, Superintendent Plumfield Nursery; Fremont, Nebr. 3,500 M produced 1951
				<u>NEW HAMPSHIRE</u>				
								<u>State Forest at Gerrish</u> L. N. Watson, Asst. State Forester N.H. Forest & Recreation Dept.; Concord, N.H. 897 M produced 1951
								<u>Isaaz Langley Williams at Exeter</u> I. L. Williams, Owner; Exeter, N.H. 50 M produced 1951
								<u>Keene Forestry Associates at Keene</u> _____, Nurseryman Keene Forestry Associates; Keene, NH _____ M produced 1951
				<u>NEW JERSEY</u>				
								<u>Green Bank State Forest at Green Bank</u> C. F. Terry, Superintendent State Forester; Trenton, N.J. 310 M produced 1951
								<u>Washington Crossing State Forest at Titusville</u> E. D. Anderson, Superintendent State Forester; Trenton, N.J. 819 M produced 1951

FOREST—TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Vol. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>NEW MEXICO</u>				
				<u>Albuquerque at Albuquerque</u> J. A. Downs, Nursery Manager SCS, Region 6; Albuquerque, N. Mex. 301 M produced 1951				
				<u>NEW YORK</u>				
				<u>Big Flats at Big Flats</u> C. M. Clements, Nursery Manager SCS, Region 1; Upper Darby, Penn. 2,378 M produced 1951				
				<u>Lowville at Lowville</u> B. F. Miller, Nursery Foreman Cons. Dept., Div. of Lands & Fors.; Albany, N.Y. 11,171 M produced 1951				
				<u>Painted Post at Painted Post</u> W. T. Smith, Nursery Foreman Cons. Dept., Div. of Fish & Game; Albany, N.Y. (All shrubs - Pittman-Robertson) (Not included in national totals on summary sheet)				
				<u>Saratoga at Saratoga Springs</u> F. E. Otis, Nursery Foreman Cons. Dept., Div. of Lands & Fors.; Albany, N.Y. 21,652 M produced 1951				
				<u>NORTH CAROLINA</u>				
				<u>Chapel Hill at Chapel Hill</u> L. R. Roff, Nursery Manager SCS, Region 2, Spartanburg, S.C. (Herbaceous seed only)				
				<u>Clayton at Clayton</u> Frank J. Miller, Nurseryman State Forester; Raleigh, N.C. 7,334 M produced 1951				
				<u>J. S. Holmes at Penrose</u> William H. Bland, Nursery Supervisor State Forester; Raleigh, N.C. 875 M produced 1951				

FOREST-TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>NORTH DAKOTA</u>				
				<u>Mandan</u>	at Mandan			
				Elmer L. Worthington, Nursery Manager				
				SCS, Region 5; Lincoln, Nebr.				
				1,000 M produced				1951
				<u>State Forest</u>	at Bottineau			
				John M. Molberg, Assoc. State Forester				
				N.D. School of Forestry; Bottineau, N.D.				
				737 M produced				1951
				<u>Towner</u>	at Towner			
				John M. Molberg, Assoc. State Forester				
				N.D. School of Forestry; Bottineau, N.D.				
				(Leased to State by FS in 1951)				
				(Being reactivated)				
				<u>Oakes</u>	at Oakes			
				Norman A. Devick, Nursery Manager				
				N. Dak. Soil Cons. Districts, Oakes, N.D.				
				1,300 M produced				1951
				<u>Northwest</u>	at Valley City			
				R. J. Layton, President				
				The Northwest Nursery Co., Inc.,				
				Valley City, N.D.				
				300 M produced				1951
				<u>Oscar H. Will Co. - Pioneer</u>	at Bismarck			
				Laurence Schubert, Nurseryman				
				Oscar H. Will Co.-Pioneer Nursery,				
				Bismarck, N.D.				
				700 M produced				1951
				<u>OHIO</u>				
				<u>Zanesville</u>	at Zanesville			
				T. O. Bradley, Nursery Manager				
				SCS, Region 3; Milwaukee 3, Wisc.				
				4,200 M produced				1951
				<u>Green Springs</u>	at Green Springs			
				Carl M. Bailey, Superintendent				
				Dept. of Natural Resources, Div. of For.; Columbus, Ohio				
				1,836 M produced				1951

FOREST—TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Vol. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>OHIO</u> (Continued)				
				<u>Marietta State</u> at Marietta Don E. Richter, Superintendent Dept. of Natural Resources, Div. of For.; Columbus, Ohio 1,694 M produced 1951				
				<u>OKLAHOMA</u>				
				<u>Woodward</u> at Woodward _____, Manager SCS, Region 4; Fort Worth 1, Texas (Tree production negligible) (Planning to discontinue)				
				<u>Broken Bow</u> at Broken Bow Wm. Campbell, Nurseryman State Forester; Oklahoma City, Okla. (New nursery - no production 1951)				
				<u>Norman</u> at Norman Marion A. Walker, Nursery Superintendent State Forester; Oklahoma City, Okla. 1,273 M produced 1951				
				<u>OREGON</u>				
				<u>Bend</u> at Bend Walter A. Engstrom, Nurseryman Deschutes National Forest; Bend, Ore. 888 M produced 1951				
				<u>Oregon Forest</u> at Corvallis Verne McDaniels, Nurseryman State Forester; Salem, Ore. 1,707 M produced 1951				
				<u>PENNSYLVANIA</u>				
				<u>Clearfield</u> at Clearfield R. R. Houpt, Regional Forester State Forester; Harrisburg, Pa. 8,793 M produced 1951				

FOREST—TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL		
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular	
				<u>PENNSYLVANIA (Continued)</u>					
								Johnson's at Penfield Blaine Johnson, Nurseryman Johnson's Nursery, Penfield, Pa. 275 M produced 1951	
								Musser Forests at Indiana Musser Fors, Inc.; Indiana, Pa. 5,000 M produced 1951	
								Nordstrom at Gallitzin J. W. Nordstrom, Superintendent Nordstrom Nurseries, Gallitzin, Pa. 500 M produced 1951	
								Pine Hill Farm at Homer City E. L. Stewart, Nurseryman Pine Hill Farm, Homer City, Pa. 200 M produced 1951	
								Suncrest Evergreen at Homer City Lewis O. Long, Superintendent Suncrest Evergreen Nurs., Johnstown 100 M produced 1951 (approx.)	
				<u>PUERTO RICO</u>					
								Catalina at Palmer Felipe Castro Robledo, Foreman FS, Dept. of Agri. & Commerce; Rio Piedras, P.R. 1,315 M produced 1951	
								Toa at Toa Alta Miguel Hernandez Agosto, Nurseryman (Forester I) FS, Dept. of Agri. & Commerce; Rio Piedras, P.R. 791 M produced 1951	
				<u>RHODE ISLAND</u>					
								Arcadia State Forest at Hope Valley Eric G. Jacobson, Chief Forester Div. of Forests and Parks; Providence, R.I., 200 M produced 1951	

FOREST-TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL		
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular	
				<u>SOUTH CAROLINA</u>					
				<u>Rock Hill at Rock Hill</u> W. Hancel Rhodes, Nursery Manager SCS, Region 2, Spartanburg, S.C. 170 M produced 1951					
				<u>Horace L. Tilgham Forest Tree at Wedgefield</u> L. M. Staley, Nurseryman State Forester; Columbia 1, S.C. 20,615 M produced 1951					
				<u>SOUTH DAKOTA</u>					
								<u>Anderson at Twin Brooks</u> John Anderson & Son, Owners, Twin Brooks, S.D. 380 M produced 1951	
								<u>Dibvig at Colton</u> Henry Dibvig, Nursery Manager 1,000 M produced 1951 (estimate)	
								<u>Gurney at Yankton</u> J. E. Korues, Nursery Manager Gurney Seed & Nursery Co.; Yankton 1,883 M produced 1951	
				<u>TENNESSEE</u>					
				<u>Clinton at Clinton</u> C. B. Umland, Superintendent Tenn. Valley Authority; Norris, Tenn. 10,006 M produced 1951					
				<u>Norris at Norris</u> J. H. Hatmaker, Superintendent Tenn. Valley Authority; Norris, Tenn. (An experimental nursery) (Not included in national totals on summary sheet)					
				<u>Pinson at Pinson</u> Tom Markham, Asst. Forester (P.O. address Jackson) State Forester; Nashville, Tenn. 1,582 M produced 1951					

FOREST—TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>TENNESSEE</u> (Continued)				
								Boyd at McMinnville H. N. Boyd, Nursery Manager Boyd Nursery Co., McMinnville, Tenn. 125 M produced 1951
				<u>TEXAS</u>				
								San Antonio at San Antonio James E. Smith, Nursery Manager SCS, Region 4; Fort Worth, Texas (Tree production negligible)
								Indian Mound at Alto W. Larry Marshman, Superintendent State Forester; College Station 5, Texas 17,683 M produced 1951
				<u>UTAH</u>				
								Utah Clarke-McNary at Logan Dr. T. W. Daniel, Prof. of Silviculture School of For., Utah State Agri. College; Logan, Utah 173 M produced 1951
				<u>VERMONT</u>				
								State Tree at Essex Junction Wm. Porter, Nurseryman State Forester; Montpelier, Vt. 335 M produced 1951
				<u>VIRGINIA</u>				
								Sandy Level at Gretna W. H. Mann, Nursery Manager SCS, Region 2, Spartanburg, S.C. (Tree Production Negligible)
								Charlottesville at Charlottesville R. K. Bennett, Nurseryman State Forester; Charlottesville, Va. 1,748 M produced 1951

FOREST—TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter in the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL		MUNICIPAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Val. Authority		Paper	Lumber	Soil Cons. District	Regular		
				<u>VIRGINIA (Continued)</u>						
				<u>Peary at Williamsburg</u> R. E. Johnston, Jr., Nurseryman State Forester, Charlottesville, Va. 2,255 M produced 1951						
				<u>WASHINGTON</u>						
				<u>Wind River at Carson</u> Forrest W. Deffenbacher, Nurseryman Gifford Pinchot National Forest; Vancouver, Wash. 4,305 M produced 1951						
				<u>Bellingham at Bellingham</u> W. E. Chapin, Nursery Manager SCS, Region 7; Portland 18, Ore. 90 M produced 1951						
				<u>Pullman at Pullman</u> J. L. Schwendiman, Nursery Manager SCS, Region 7; Portland 18, Ore. (Herbaceous seed only)						
				<u>Capitol State Forest at Little Rock</u> "Red" Ward, Nurseryman Supervisor of Forestry; Olympia, Wash. 1,225 M produced 1951						
				<u>Federal-State Forest at Pullman</u> James Stubbs, Nurseryman Washington State College; Pullman, Wash. 178 M produced 1951						
				<u>Forest-Industries at Nisqually</u> Norman Bjorklund, Superintendent West Coast Lumberman's Assn.; Portland, Ore. 6,500 M produced 1951						
				<u>Walsh Lake at Cedar Falls</u> Allen E. Thompson, Forester City of Seattle, Water Dept., Seattle 4, Wash. 52 M produced 1951						

FOREST-TREE NURSERIES OF THE UNITED STATES

(Each nursery's name is indented so as to place its initial letter *in* the column for its class of ownership)

FEDERAL				STATE	INDUSTRY		COMMERCIAL	
Forest Service	Soil Cons. Service	Dept. of Interior	Tenn. Vol. Authority		Paper	Lumber	Soil Cons. District	Regular
				<u>WEST VIRGINIA</u>				
				<u>Parsons at Parsons</u> D. A. Oliver, Nurseryman Monongahela National Forest; Elkins, W. Va. 1,019 M produced 1951				
				<u>W. Va. State Forest at LeSage</u> Alvin C. Allison, Nursery Superintendent Cons. Comm. of W. Va.; Charleston, W. Va. 1797 M produced 1951				
				<u>WISCONSIN</u>				
				<u>Butternut at Butternut</u> Chequamegon National Forest; Park Falls, Wisc. (Inactive)				
				<u>Hugo Sauer at Rhinelander</u> Edward F. Beibesheimer, Nurseryman Nicolet National Forest; Rhinelander, Wisc. 3,500 M produced 1951				
				<u>Griffith State at Wisconsin Rapids</u> Wm. H. Brener, In Charge of Nurseries Wisc. Cons. Dept., Div. of For. & Parks, Madison, Wisc. 10,308 M produced 1951				
				<u>Gordon State at Gordon</u> Alvin Olson, Nurseryman Wisc. Cons. Dept., Div. of For. & Parks, Madison, Wisc. 3,567 M produced 1951				
				<u>Hayward State at Hayward</u> Edward MacDonald, Nurseryman Wisc. Cons. Dept., Div. of For. & Parks; Madison, Wisc. 4,121 M produced 1951				
				<u>Trout Lake at Boulder Junction</u> Orlando Chada, Nurseryman Wisc. Cons. Dept., Div. of For. & Parks; Madison, Wisc. 2,241 M produced 1951				
				<u>Monico at Monico</u> E. S. Hurd, Nurseryman Consolidated Water Power & Paper Co., Wisconsin Rapids, Wisc. 250 M produced 1951				

