

**Kentucky Agricultural Experiment Station**  
**UNIVERSITY OF KENTUCKY**  
**THOMAS P. COOPER, Director**

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**Inspection, Certification, and Transportation of Nursery  
Stock in Kentucky With a Brief Report for the  
Year Ended June 30, 1943.**

**W. A. PRICE and HOWARD G. TILSON**

Shortage of labor has been the major problem encountered by Kentucky nurserymen this year. In most cases nurserymen have partially solved the problem by the use of boys and older men with very little experience in nursery work. A few nurserymen have employed women for lighter jobs such as weeding, potting, watering and packing. Difficulties have occurred in replacing men experienced in digging, balling, and planting landscape material.

Through cooperation and ingenuity, nurserymen have been able to cope with the problems of rationing and shortages of materials and still give excellent service and good quality nursery stock to their customers. The spirit of cooperation has made it possible to deal quickly and adequately with insect and plant disease problems which might easily have become serious.

General growing conditions throughout the year were favorable. There was adequate rainfall in most sections and landscape material "made up" well. The acreage replanted to nursery stock has been somewhat less than average because of a late wet spring and a shortage of available labor. The supply of certified strawberry plants was very short and the acreage planted to strawberries in the principal growing sections continues to be below average. All available small-fruit and tree-fruit stocks have been sold. Nurserymen report that most of the apple, peach, and small-fruit stock was sold in small orders to gardeners and farmers for home planting. All vacant blocks in the nurseries are being planted to vegetable and feed crops or sown to legumes for soil improvement.

### **"Nursery Stock" Defined**

Nursery stock includes all trees, shrubs, and vines, whether nursery grown or native; roses; strawberry, raspberry and blackberry plants; herbaceous perennial plants and roots; ornamental bulbs, corms, tubers and rhizomes; and any other plants which may serve as a means for disseminating injurious insects and plant diseases. For regulatory purposes the list of plants classed as nursery stock must be changed from time to time, depending upon the introduction and distribution of certain insects and plant diseases.

### **Requirements of the Kentucky Nursery Inspection Law**

(1) It shall be unlawful to sell or offer for sale uninspected or uncertified nursery stock. A certificate of inspection indicates freedom from certain injurious insects and plant diseases but does not vouch for trueness to variety nor for grade and condition of any nursery stock.

(2) Growers of nursery stock for sale or shipment shall apply in writing before June 1st of each year to the State Entomologist, Kentucky Agricultural Experiment Station, Lexington, for inspection services.

(3) Every dealer in nursery stock shall secure a nursery dealer's permit. Before this is issued, however, he must furnish an affidavit that he will buy and sell only stock that is certified and will maintain with the State Entomologist a correct and complete list of all sources from which he gets his stock. Landscape architects and tree movers who handle nursery stock are classified as dealers.

(4) Every person who solicits orders for nursery stock shall secure and carry an agent's permit which is secured only upon request of the nurseryman or dealer to be represented.

(5) All packages or bundles of nursery stock shipped by common carrier must have attached a copy of the inspection certificate or permit.

(6) Certificates and permits may be revoked for cause.

(7) Fees shall be paid as follows: Inspection certificate, \$5; dealer's permit, \$5; agent of nonresident nurserymen, \$5; nonresident nurseryman's certificate, \$5. Fees shall accompany application. Application blanks may be obtained from the State Entomologist.

(8) Nonresident nurserymen shall file copies of their state certificates and secure nonresident permits. Every package of nursery stock coming into Kentucky shall have a valid inspection certificate attached to the package. Nonresident nurserymen, dealers, and agents shall carry their Kentucky permits when soliciting orders or delivering nursery stock in Kentucky.

(9) All certificates and permits automatically expire June 30 following date of issuance.

#### **Requirements for Shipment of Nursery Stock Into Other States**

Nurserymen who desire to ship stock into another state should familiarize themselves with the requirements of that state before shipment is made. Correspondence should be directed to the officer in charge in the state concerned. For convenience a list of these officers is given on pages 6 and 7 of this bulletin.

The U. S. postal laws and express company regulations require that a copy of a valid certificate of inspection be attached to each package of nursery stock offered for shipment. South Carolina, Florida, Washington, and Louisiana require nurserymen who ship stock into their respective states to file duplicate copies of the invoice with the proper administrative authority. Florida, Mississippi, Arkansas, Louisiana, Oklahoma, Washington, Oregon, Idaho, California, Montana, Utah, Arizona, and Colorado have provisions for postal or destination inspection of incoming nursery stock. California and Arizona maintain border inspection. For destination inspection of incoming stock Washington, Idaho, and Montana charge \$10.00 per carload to licensed nurserymen and 10 percent of invoice with 50-cent minimum to unlicensed nurserymen. New Jersey, Pennsylvania, Georgia, Louisiana, Oklahoma, and Nevada require special affidavits or statements of nurserymen or dealers within their respective states who receive out-of-state shipments of nursery stock.

## KENTUCKY AGRICULTURAL EXPERIMENT STATION

State	State of origin Certificate filed	Nurseryman's filling fee	Agent's fee	Special tag	Posted bonds
Alabama	Yes	\$10 or reciprocal	\$1	Yes	None
Arizona	No	None	None	No	None
Arkansas	Yes	\$5 or reciprocal	\$1	Yes	Reciprocal
California	No	None	None	No	None
Colorado	Yes	None	None	No	None
Connecticut	Yes	None	None	No	None
Delaware	No	Reciprocal	None	No	None
Florida	Yes	None	None	Yes	None
Georgia	No	\$5 or reciprocal	\$1	No	None
Idaho	Yes	\$5 to \$15	None	No	\$1,000 <sup>1</sup>
Illinois	Yes	None	None	No	None
Indiana	Yes	\$1	\$1	No	None
Iowa	Yes	Reciprocal	None	No	None
Kansas	Yes	Reciprocal	None	No	None
Kentucky	Yes	Reciprocal	None	No	None
Louisiana	Yes	\$5	\$5	No	None
Maine	Yes	None	None	No	None
Maryland	Yes	\$1	\$1	No	None
Massachusetts	Yes	Reciprocal	None	No	None
Michigan	Yes	None	None	No	None
Minnesota	Yes	\$15 or reciprocal	\$1	No	None
Mississippi	Yes	Reciprocal	Reciprocal	No	None
Missouri	Yes	Reciprocal	None	No	Reciprocal
Montana	Yes	\$1 <sup>2</sup>	None	No	None
Nebraska	No	\$25	\$25	No	\$1,000
Nevada	Yes	\$10 or reciprocal	\$1	No	None
New Hampshire	No	None	None	No	None
New Jersey	No	None	None	No	None
New Mexico	Yes	Reciprocal	None	No	None
New York	Yes	\$10	\$25	Yes	None
North Carolina	No	None	None	No	None
North Dakota	Yes	Reciprocal	None	No	\$1,000 <sup>3</sup>
Ohio	Yes	Reciprocal	\$10	No	\$500
Oklahoma	Yes	Reciprocal	None	No	None
		\$10 or reciprocal	\$1	Yes	None

Oregon .....	No	None	\$1	No	None
Pennsylvania .....	Yes	None	None	No	None
Rhode Island .....	Yes	None	None	No	None
South Carolina .....	Yes	None	None	Yes	None
South Dakota .....	Yes	\$1	\$1	No	None
Tennessee .....	Yes	None	Reciprocal	No	None
Texas .....	Yes	\$5 or reciprocal	None	Yes	\$5,000 <sup>1</sup>
Utah .....	Yes	\$10	None	No	None
Vermont .....	No	None	None	No	None
Virginia .....	No	\$10 or reciprocal	\$1 or reciprocal	No	None
Washington .....	No	\$5 to \$15 or reciprocal	\$1	No	None
West Virginia .....	Yes	\$15	\$1	Yes	None
Wisconsin .....	Yes	\$10 or reciprocal	Reciprocal	No	None
Wyoming .....	Yes	\$15	None	No	\$500

- (1) Only for fruit-stock shippers.
- (2) Only to sweetpotato plant shippers.
- (3) For nurserymen who promise maintenance.

## STATE OFFICERS IN CHARGE OF INSPECTION

Alabama .....	B. P. Livingston, Chief, Division of Plant Industry, Montgomery.
Arizona .....	J. L. E. Lauderdale, State Entomologist, Phoenix.
Arkansas .....	Paul H. Millar, Chief Inspector, State Plant Board, Little Rock.
California .....	D. B. Mackie, Chief, Bureau of Entomology and Plant Quarantine, Department of Agriculture, Sacramento.
Colorado .....	F. Herbert Gates, State Entomologist, 20 State Museum, Denver.
Connecticut .....	Roger B. Friend, State Entomologist, Box 1106, New Haven.
Delaware .....	V. J. Carmine, Secretary, State Board of Agriculture, Dover.
Florida .....	Arthur C. Brown, Quarantine Inspector, State Plant Board, Gainesville.
Georgia .....	J. H. Girardeau, State Entomologist, Atlanta.
Idaho .....	Paul T. Rowell, Director, Bureau of Plant Industry, Boise.
Illinois .....	H. F. Seifert, Chief Plant Inspector, 300 State Bank Building, Glen Ellyn.
Indiana .....	Frank N. Wallace, State Entomologist, Indianapolis.
Iowa .....	Carl J. Drake, State Entomologist, Ames.
Kansas, North .....	George A. Dean, Entomologist, Kansas Agricultural College, Manhattan.
Kansas, South .....	H. B. Hungerford, Entomologist, Lawrence.
Kentucky .....	W. A. Price, State Entomologist, Agricultural Experiment Station, Lexington.
Louisiana .....	W. E. Anderson, State Entomologist, Baton Rouge.
Maine .....	S. L. Painter, State Horticulturist, Augusta.
Maryland .....	E. N. Cory, State Entomologist, College Park.
Massachusetts .....	R. H. Allen, Director, Division of Plant Pest Control, State House, Boston.
Michigan .....	C. A. Boyer, Bureau of Orchard and Nursery Inspection Service, Department of Agriculture, Lansing.
Minnesota .....	T. L. Aamodt, State Entomologist, University Farm, St. Paul.
Mississippi .....	Clay Lyle, Entomologist, State Plant Board, State College.
Missouri .....	J. Allison Denning, State Entomologist, Department of Agriculture, Jefferson City.
Montana .....	George L. Knight, Chief, Division of Horticulture, Missoula.
Nebraska .....	L. M. Gates, Entomologist, Department of Agriculture and Inspection, Lincoln.
Nevada .....	George G. Schweis, Director, Division of Plant Industry, P. O. Box 1027, Reno.
New Hampshire .....	W. C. O'Kane, Deputy Commissioner, Department of Agriculture, Durham.

New Jersey	Harry B. Weiss, Chief, Bureau of Plant Industry, Trenton.
New Mexico	R. F. Crawford, Head of Biology, College of Agriculture and Mechanic Arts, State College.
New York	A. B. Buchholz, Director, Bureau of Plant Industry, Department of Agriculture and Markets, Albany.
North Carolina	C. H. Brannon, State Entomologist, Department of Agriculture, Raleigh.
North Dakota	J. A. Munro, State Entomologist, Fargo.
Ohio	John W. Baringer, Specialist in Charge, Insect and Plant Disease Control, Department of Agriculture, Columbus.
Oklahoma	Thomas B. Gordon, Chief Nursery Inspector, State Board of Agriculture, Oklahoma City.
Oregon	Frank McKennon, Chief, Division of Plant Industry, Agricultural Building, Salem.
Pennsylvania	Thomas L. Guyton, Director, Bureau of Plant Industry, Harrisburg.
Rhode Island	Brayton Eddy, State Entomologist, State House, Providence.
South Carolina	Franklin Sherman, Chief, Division of Entomology and Zoology, Clemson College.
South Dakota	Charles S. Weller, Chief, Division of Horticulture and Entomology, Pierre.
Tennessee	G. M. Bentley, State Entomologist and Plant Pathologist, 65 Biology Building, University of Tennessee, Knoxville.
Texas	J. M. Del Curto, Chief, Division of Plant Quarantine, Department of Agriculture, Austin.
Utah	Earl Hutchings, State Agricultural Inspector, State Board of Agriculture, Salt Lake City.
Vermont	M. B. Cummings, State Nursery Inspector, Burlington.
Virginia	G. T. French, State Entomologist, 1112 State Office Building, Richmond.
Washington	J. I. Griner, Supervisor of Horticulture, Department of Agriculture, Olympia.
West Virginia	F. Waldo Craig, Department of Agriculture, Charleston.
Wisconsin	E. L. Chambers, State Entomologist, Department of Agriculture, Madison.
Wyoming	B. Thomas Snipes, State Entomologist, State Department of Agriculture, Powell.
U. S. D. A.	P. N. Annand, Chief, Bureau of Entomology and Plant Quarantine, Washington, D. C.
Dominion of Canada	L. S. McLaine, Secretary, Destructive Insect and Pest Act Advisory Board, Department of Agriculture, Ottawa.

### Japanese Beetle

No additional infestations of Japanese beetles have been found in Kentucky since the successful soil treating of the infestation in Louisville during September 1938 (see Kentucky Regulatory Series Bulletin 19, 1939). In the 590 traps operated in Louisville by the Bureau of Entomology and Plant Quarantine only one beetle was captured during the trapping period of 1942.

The infestations of Japanese beetles in states surrounding Kentucky have shown comparatively small increase or spread. There have been extensions of the area under Federal Quarantine in New York, Maryland, Pennsylvania, Virginia, and West Virginia. The area now under regulations of the federal Japanese beetle quarantine includes the entire states of Connecticut, Delaware, Massachusetts, New Jersey, Rhode Island, the District of Columbia, and parts of Maine, Maryland, New Hampshire, New York, Ohio, Vermont, Virginia and West Virginia.

Several states where infestations of Japanese beetle have been found are not included in the above list of regulated areas. It has been the policy of those in charge of administering the Japanese beetle regulations to withhold quarantine restrictions on an area where Japanese beetles were found if the state or local authorities would make satisfactory preparations for treating the infested area in order to exterminate the beetles or prevent their spread. Thus Kentucky, by treating the 45-acre infested area in Louisville in 1938, was spared the restrictions of a federal Japanese beetle quarantine. Florida, Georgia, Illinois, Indiana, Missouri, Michigan, North Carolina, South Carolina, and Ohio have had isolated infestations of Japanese beetle which have been treated or are being treated in accordance with provisions stipulated by the Bureau of Entomology and Plant Quarantine.

### Phony Peach Disease

The last phony peach infected tree was found in Kentucky in 1939. Inspections of orchards and nursery environs have been made for the past three years without finding the disease. Kentucky will be considered free from phony peach disease until such time as another tree is found infected with the virus.



### White Fringed Beetle

White fringed beetles were found during the summer of 1942 in the counties of New Hanover, Pender, and Wayne in North Carolina. An extensive survey was made and the infested areas were brought under federal quarantine (No. 72) in December 1942. Additional areas in Alabama and Mississippi have also been brought under quarantine restrictions. The quarantined areas in Florida and Louisiana remain unchanged.

### Elm Disease

The virus disease, *Phloem necrosis*, (for description, see Kentucky Regulatory Series Bulletin 32, 1942) has continued to take a toll of elms in Kentucky. Numerous complaints of dying elms have been received from Ashland to Paducah. The disease seems to be most prevalent in the Louisville and Lexington areas. The recommendation is to cut out and burn infected trees in order to prevent the disease from spreading to healthy elms in the vicinity.

### INSECTS AND DISEASES IN THE ORDER OF THEIR FREQUENCY OF APPEARANCE IN KENTUCKY NURSERIES, 1942-43

Diseases	Insects
Cedar rust	Bagworm
Rose blackspots	Oriental fruit moth
Phloem necrosis	Strawberry crown borer
Delphinium crown rot	Aphids
Fire blight	Gladiolus thrips
Sweetpotato stem rot	Red spider
Cherry leafspot	Pine tip moth
Juniper twig blight	Elm leaf beetle
Iris root rot	Apple leaf skeletonizer
Red stele	Poplar leaf tier
Raspberry leafspot	Boxwood mealy flata
	Holly leaf miner
	Pine leaf scale

### KENTUCKY NURSERYMEN WHO RECEIVED CERTIFICATES OF INSPECTION, 1942-43

Name	Address	Acreage	Kind of Stock
Bagwell, Harlan .....	Murray		Sweetpotato plants
Barnett's Nursery .....	Murray	1	General
Bellefonte Nursery, Orval Lycan .....	Ashland	5	General
Big Sandy Nursery, W. S. Burris .....	Buchanan	½	General
Blankenbaker, S. H. ....	Jeffersontown	2	General

## KENTUCKY NURSERYMEN—Continued

Name	Address	Acreage	Kind of Stock
Byrn Landscape Service, Inc. ....	Mayfield	1	Ornamental
Carter Nursery, H. V. Pack .....	Carter	1	General
Clark, Joe A. ....	Webster	1/4	Fruits
Clifty Evergreen Gardens, Catlettsburg	Catlettsburg	1	Ornamental
Clinton Nursery, O. Piper .....	Clinton	1	Fruits
Conger, Charles E. ....	Marion	1 1/2	Strawberry and raspberry
Crawford, I. T. ....	Murray	2	Gladioli
Crume Nursery and Landscape Co., T. C. Crume..	Florence	20	General
Curry, J. G. ....	Hawesville		Sweetpotato plants
Dieterich, C. P. and Bro...	Maysville	1	Ornamental
Dixie View Nursery, A. L. Heger .....	Florence	65	General
Donaldson Nurseries, J. F. Donaldson .....	Sparta and Warsaw	120	General
Dressman, J. A. ....	Covington, R. 3	1/4	Tulip bulbs
Durrett, R. J. ....	Louisville, R. 4	1	Ornamental
Evans Brothers .....	Christine	1/2	Fruits
Evans Gardens .....	Lexington	2	Ornamental
Fike Nurseries, J. W. Fike .....	Hopkinsville	45	General
Gardner, Boone, Nurseries Dan Gardner .....	Louisville, R. 6	10	General
Gramse Nursery .....	Paducah	5	General
Grant Gardens, Dr. Henry L. Grant .....	412 Oread Road Louisville	1/4	Iris
Green, T. W. ....	Bowling Green	3	Ornamental
Green River Home Nursery, W. A. Sandefur .....	Robards	10	General
Haag Nursery, R. L. Haag .....	Jeffersontown	30	General
Highland Nursery Co. ....	Fort Thomas	3	General
Highland Place Nursery..	Versailles	10	General
Hill, William .....	Warsaw	9	Ornamental
Hillenmeyer Nurseries ....	Lexington	260	General
Humphreys' Landscape Service, A. G. Humphreys .....	Mount Sterling	5	General
Immegart Nursery, Fred J. Immegart .....	Newport	2	General
Johnston, Allie .....	Calvert City	1	General
Junior Club Nursery, A. C. Herrin .....	Shopville	1/4	Fruits
Kelly, Asa .....	Fordville	2	Fruits
Kentucky Forest Nursery..	Louisville	5	Tree seedlings
Kirch Gardens .....	818 Perennial Dr. Louisville	1	Ornamental
Kistler, Mrs. Belle M. ....	Anchorage, R. I.	1	Iris and peony
Klein Nursery and Floral Co., Theo R. Klein .....	Crestwood	35	General

**KENTUCKY NURSERYMEN—Continued**

Name	Address	Acreage	Kind of Stock
Korfhage Nursery and Florist .....	Shively	10	General
Leeming Nursery, W. H. Leeming .....	Shively	10	General
Lindberg Nursery and Landscape Co. ....	915 S. Limestone Lexington	2	General
London Nursery, Louis Dischler and Jake Wittenback .....	London	1/4	Ornamental
Louisville Nurseries .....	Louisville, R. 6	50	General
McCutchen's Greenhouses	Paducah		Greenhouse
Martin's Nursery, Robert Martin .....	Carrollton	30	General
Mt. Pleasant Gardens .....	1810 N. Ft. Thomas Ave. Fort Thomas	10	General
Murray Nursery and Florist, Mrs. W. P. Roberts .....	Murray	4	Ornamental
Nick's Nursery, Nick and Jeff Verburg..	Anchorage	20	General
Noble, G. R. ....	Paducah		Greenhouse
Patterson, A. C. ....	Centertown	3	Gladioli
Piper, Bernard .....	Clinton	1/4	Fruits
Pomona Nurseries .....	Bowling Green	12	General
Pullam-Threlkeld Nursery .....	Clay	5	General
Ray, Carl, Co. ....	St. Matthews	5	General
Reynolds, A. D. and Son..	Harrodsburg	2	General
Richardson Plant Co. ....	Murray		Sweetpotato plants
Ridgeway Nurseries, Theo. Zollinger .....	St. Matthews	5	General
Roberts, B. E. ....	Benton		Sweetpotato plants
Sanders Bros. Nursery ...	Paducah	10	General
Schultz, Jacob, Co. ....	Louisville	5	Ornamental
Shacklette, Dr. W. J. ....	Hodgenville	1/2	Ornamental
Shupe Nursery .....	Sedalia	10	General
Singer Gardens, J. W. Singer .....	Stamping Ground	1	General
Smith, Bert R. ....	Bowling Green	1/4	Chrysanthemums
Smits Greenhouses .....	Paris	5	General
Soil Conservation Service	Paducah	45	Tree seedlings
Todd County Nursery, J. M. Green .....	Trenton	1	Ornamental
Walker, Kingsley, Co. ....	Louisville, R. 4	5	Ornamental
Walnut Lawn Farm, Robert L. James .....	Lexington	6	General
Webb's Evergreen Nursery .....	Warsaw	1	Ornamental
Webb, Clifton .....	Hawesville		Sweetpotato plants
Westerman, W. H. ....	Erlanger	1/2	Ornamental
Wettstain, H. C. ....	Chambers		Sweetpotato plants
Whittinghill, Lonnie M. ..	Love	1	Fruits

## KENTUCKY NURSERYMEN—Continued

Name	Address	Acreage	Kind of Stock
Whittinghill, Samuel D. ..	Love	1/4	Fruits
Willadean Nurseries, A. L. Kidwell .....	Sparta	75	General
Yopp Nursery, M. J. Yopp .....	Paducah	15	General

## NURSERY DEALERS

Alexander, I. P. ....	Campbellsville
Ashby, Sterett .....	Cloverport
Bomar-Summers Hardware Co. ....	Louisville
Bunton Seed Co. ....	Louisville
Dixie Garden Nursery .....	Lexington
Gallaher Drug Co., The .....	Ashland
Gargotto, Casper .....	Louisville
Grant, W. T. Co. ....	Louisville
Grant, W. T. Co. ....	Paducah
Green, H. L. Co. ....	Louisville
Hall Seed Co. ....	Louisville
Haupt, Fred .....	Louisville
Kresge, S. S. Co., No. 56 .....	Lexington
Kresge, S. S. Co. ....	Covington
Kresge, S. S. Co. ....	Newport
Kresge, S. S. Co. ....	Owensboro
Kresge, S. S. Co. ....	Paducah
Kresge, S. S. Co. ....	Louisville
Kresge, S. S. Co., No. 2603 .....	Ashland
Kress, S. H. and Co. ....	Hopkinsville
Kress, S. H. and Co. ....	Louisville, Fourth Street
Kroger Store .....	Louisville, Lexington Avenue
Kroger Store .....	Louisville, Bardstown Road Loop
Kroger Store .....	Louisville, Preston and Eastern Parkway
Kroger Store .....	Lexington, East Main Street
Kroger Store .....	Lexington, South Limestone
Kroger Store .....	Lexington, Euclid Avenue
Kroger Store .....	Lexington, North Limestone
Kroger Store .....	Lexington, Short and Broadway
Kroger Store .....	Danville
Kroger Store .....	Covington
Kroger Store .....	Owensboro
Kroger Store .....	Carrollton
Kroger Store .....	Somerset
Kroger Store .....	Shively
Kroger Store .....	Louisville, Woodlawn
Kroger Store .....	Louisville, Taylor Blvd.
Kroger Store .....	Louisville, Baxter Avenue
Kroger Store .....	Louisville, Frankfort Avenue
Kroger Store .....	Louisville, Frankfort and Bailey
Kroger Store .....	Richmond
Kroger Store .....	Winchester
Kroger Store .....	Paris
Kroger Store .....	Georgetown
Landrus and Yantis .....	Lexington
Lose Brothers .....	Louisville

## NURSERY DEALERS—Continued

McCroory Store .....	Louisville
McCullough, The J. Chas., Seed Co. ....	Cincinnati, Ohio
McElroy, The H. A. Co. ....	Glasgow
McElroy, The H. A. Co. ....	Madisonville
McElroy, The H. A. Co. ....	Bowling Green
McElroy, The H. A. Co. ....	Somerset
McElroy, The H. A. Co. ....	Morganfield
McElroy, The H. A. Co. ....	Providence
McElroy, The H. A. Co. ....	Murray
McElroy, The H. A. Co. ....	Princeton
Michler, Charles .....	Lexington
Mink, William H. ....	Corbin
Montgomery Ward and Co. ....	Hopkinsville
Montgomery Ward and Co. ....	Lexington
Montgomery Ward and Co. ....	Louisville
Murphy, G. C. Co. ....	Ashland
Murphy, G. C. Co. ....	Maysville
Murphy, G. C. Co. ....	Paintsville
Murphy, G. C. Co. ....	Pikeville
Newberry, J. J. Co. ....	Owensboro
Newberry, J. J. Co. ....	Henderson
Newberry, J. J. Co. ....	Louisville
Newberry, J. J. Co. ....	Lebanon
Newberry, J. J. Co. ....	Somerset
Newberry, J. J. Co. ....	Paris
Newberry, J. J. Co. ....	Winchester
Newberry, J. J. Co. ....	Harlan
Newberry, J. J. Co. ....	Hazard
Newberry, J. J. Co. ....	Shelbyville
Newberry, J. J. Co. ....	Central City
Newberry, J. J. Co. ....	Elizabethtown
Newberry, J. J. Co. ....	Glasgow
Newberry, J. J. Co. ....	Cynthiana
Newberry, J. J. Co. ....	Corbin
Newberry, J. J. Co. ....	Mayfield
Newberry, J. J. Co. ....	Mount Sterling
Newberry, J. J. Co. ....	Richmond
Newberry, J. J. Co. ....	Versailles
Newberry, J. J. Co. ....	Lawrenceburg
Newberry, J. J. Co. ....	Danville
Newberry, J. J. Co. ....	Harrodsburg
Newberry, J. J. Co. ....	Frankfort
Newberry, J. J. Co. ....	Bardstown
Ostrander, John O. ....	Louisville
Pay-N-Takit .....	Newport
Powell Seed Store .....	Louisville
Purcell Co., The .....	Lexington
Renfrow, H. E. ....	Beaver Dam
Ruysenaars, John C. ....	Louisville
Scott Stores .....	Middlesboro
Scott Stores .....	Bowling Green
Scott Stores .....	Ashland
Scott Stores .....	Hazard
Scott Stores .....	Harlan
Sears, Roebuck and Co. ....	Lexington
Sears, Roebuck and Co. ....	Louisville
Sears, Roebuck and Co. ....	Owensboro
Stewart Dry Goods Co., The .....	Louisville

## NURSERY DEALERS—Continued

Stoke, Louis, Jr. ....	Louisville
Tacke, Frank .....	Lexington
Woolworth, F. W. Co. ....	Paducah
Woolworth, F. W. Co. ....	Owensboro
Woolworth, F. W. Co. ....	Henderson
Woolworth, F. W. Co. ....	Bowling Green
Woolworth, F. W. Co. ....	Madisonville
Woolworth, F. W. Co. ....	Hopkinsville
Woolworth, F. W. Co. ....	Mayfield
Woolworth, F. W. Co., No. 34 .....	Louisville
Woolworth, F. W. Co. ....	Lexington
Woolworth, F. W. Co. ....	Covington
Woolworth, F. W. Co. ....	Newport
Woolworth, F. W. Co. ....	Frankfort
Woolworth, F. W. Co. ....	St. Matthews
Woolworth, F. W. Co. ....	Richmond
Woolworth, F. W. Co. ....	Danville
Woolworth, F. W. Co. ....	Ashland
Woolworth, F. W. Co. ....	Maysville
Woolworth, F. W. Co., No. 1702 .....	Louisville
Woolworth, F. W. Co., No. 1908 .....	Louisville

## NONRESIDENT NURSERYMEN

Allen, Jim, Nursery Co. ....	Smithville, Tennessee
Arcadia Rose Co. ....	Newark, New York
Armstrong Nurseries .....	Ontario, California
Arp Nursery Co. ....	Tyler, Texas
Athens Nursery Co. ....	Athens, Alabama
Bass Pecan Co. ....	Lumberton, Mississippi
Baxter Nursery .....	Baxter, Tennessee
Benton and Smith Nut Tree Nursery .....	Wassaic, New York
Bobbink and Atkins .....	East Rutherford, New Jersey
Bountiful Ridge Nurseries .....	Princess Anne, Maryland
Boyd Nursery Co. ....	McMinnville, Tennessee
Breedlove Nurseries .....	Tyler, Texas
Byrn Landscape Service, Inc. ....	Dickson, Tennessee
Canterbury .....	Easton, Maryland
Cedar Grove Nursery Co. ....	Smithville, Tennessee
Central New York Nurseries .....	Geneva, New York
Chase Nursery Co. ....	Chase, Alabama
Coe, Converse and Edwards Co. ....	Fort Atkinson, Wisconsin
Commercial Nursery Co. ....	Decherd, Tennessee
Conard-Pyle Co., The .....	West Grove, Pennsylvania
Couch Brothers Nursery Co. ....	McMinnville, Tennessee
Cumberland Valley Nurseries .....	McMinnville, Tennessee
Davis, E. C., and Co. ....	Hagan, Virginia
Dixie Rose Nursery .....	Tyler, Texas
Dreer, Henry A., Inc. ....	Riverton, New Jersey
Economy Nursery Co. ....	Little Silver, New Jersey
Emlong Nurseries .....	Stevensville, Michigan
Emmons and Co., Inc. ....	Newark, New York
Empire Nursery and Orchard .....	Baileyton, Alabama
Empire Nursery Products Co. ....	Newark, New York
Evergreen Nursery Co. ....	Sturgeon Bay, Wisconsin
Field, Henry, Seed and Nursery Co. ....	Shenandoah, Iowa
Flower City Rose Co. ....	Manchester, Connecticut
Forest Nursery Co. ....	McMinnville, Tennessee
Fruitland Nurseries .....	Augusta, Georgia

## NONRESIDENT NURSERYMEN—Continued

Gillett Fern and Flower Farm .....	Southwick, Massachusetts
Graham-Charlton, Inc., (Geneva Nursery Co.) .....	Geneva, New York
Haley Nursery Co. ....	Smithville, Tennessee
Harding Brothers Nursery .....	Daylight, Tennessee
Harrison's Nurseries, Inc. ....	Berlin, Maryland
Heller Brothers Co. ....	New Castle, Indiana
Hill, D., Nursery Co. ....	Dundee, Illinois
Hope Nursery Co. ....	Scottsville, Texas
Howard Rose Co. ....	Hemet, California
Howell Nurseries .....	Knoxville, Tennessee
Huntsville Wholesale Nurseries .....	Huntsville, Alabama
Inter-State Nurseries .....	Hamburg, Iowa
Jackson and Perkins Co. ....	Newark, New York
John's .....	Apopka, Florida
Johnson Truck Farm .....	Ironwood, Michigan
Kahn, S. ....	Bullshead, Staten Island, New York
Kallay Brothers Co., The .....	Painesville, Ohio
Kingsville Nurseries, Inc. ....	Kingsville, Maryland
Klyn, Gerard K. ....	Mentor, Ohio
Knight and Bostwick, Inc. ....	Newark, New York
Kohankie, Henry, and Son .....	Painesville, Ohio
Lacy, R., Nursery .....	Longview, Texas
Lang Rose Nurseries .....	Tyler, Texas
Maloney Brothers .....	Dansville, New York
Maple Lawn Gardens .....	Tamaroa, Illinois
Mason Kentucky Wonder Nursery Co. ....	Smithville, Tennessee
May, Earl E., Seed Co. ....	Shenandoah, Iowa
McIlhenny, E. A. ....	Avery Island, Louisiana
McUmbler, R. R. ....	Greenfield, Tennessee
Missouri Nurseries .....	Louisiana, Missouri
Moore, William C and Co. ....	Newark, New York
Mount Arbor Nurseries .....	Shenandoah, Iowa
Mulford, Hewett P. and Co. ....	Lebanon, Ohio
Naperville Nurseries .....	Naperville, Illinois
Naughton Farms, Inc. ....	Waxahachie, Texas
Owen, T. G. and Son .....	Columbus, Mississippi
Paramount Nurseries .....	West Grove, Pennsylvania
Pharr Nurseries .....	Pharr, Texas
Pine Creek Nursery Co. ....	Smithville, Tennessee
Pleasant Valley Nursery Co. ....	Smithville, Tennessee
Portland Nursery Co. ....	Portland, Tennessee
Potter, H. R. Company .....	Madison, Tennessee
Quaker Hill, Inc. ....	Newark, New York
Rosemont Nurseries .....	Tyler, Texas
Rynalski, K. F. ....	Fredonia, New York
Scarff's Sons, W. N. ....	New Carlisle, Ohio
Scholtz Greenhouses .....	Charlotte, North Carolina
Scott, Z. L. ....	Concord, Georgia
Shenandoah Nurseries, The .....	Shenandoah, Iowa
Shumway, R. H. Seedsman .....	Rockford, Illinois
Sisk, J. C. Nursery Co. ....	Winchester, Tennessee
Smith Brothers Nursery Co. ....	Concord, Georgia
Soil Conservation Service Nursery .....	Zanesville, Ohio
Southern Nursery and Landscape Co. ....	Winchester, Tennessee
Southland Gardens, Inc. ....	Mobile, Alabama
Southland Rose Nurseries .....	Tyler, Texas
Spring Hill Nurseries .....	Tipp City, Ohio
Standard Nursery Co. ....	McMinnville, Tennessee

## NONRESIDENT NURSERYMEN—Continued

Stark Brothers Nurseries .....	Louisiana, Missouri
Stell Rose Nursery .....	Tyler, Texas
Stephenson, W. V. and Sons .....	Jacksonville, Florida
Stern's Nurseries .....	Geneva, New York
Story Rose Fields .....	Tyler, Texas
Stuart, C. W. and Co. ....	Newark, New York
Stumpp and Walter Co. ....	New York City
Sunny Ridge Nursery .....	Round Hill, Virginia
Texas Nursery Co. ....	Sherman, Texas
Tri-State Nurseries .....	Ironton, Ohio
T. V. A. Muscle Shoals Forest Nursery .....	Wilson Dam, Alabama
United Bulb Co. ....	Mount Clemens, Michigan
Universal Bulb Corporation .....	New York City
Ustler Brothers .....	Apopka, Florida
Valentine Nurseries .....	Cosby, Tennessee
Vaughan's Seed Store .....	Western Springs, Illinois
Verhalen Nursery Co. ....	Scottsville, Texas
Washington Heights Nurseries .....	Knoxville, Tennessee
Waxahachie Nursery Co. ....	Waxahachie, Texas
Wayside Gardens Co. ....	Mentor, Ohio
Whitten Nurseries, The .....	Bridgman, Michigan
Willis Nursery Co., The .....	Ottawa, Kansas
Wilson County Nursery Co. ....	Martha, Tennessee
Wilson, C. E. Nurseries .....	Jacksonville, Texas
Winter Garden Ornamental Nursery .....	Winter Garden, Florida



## NURSERY AGENTS REPRESENTING NONRESIDENT NURSERIES

Name	Address	Nursery Represented
Allan, John M.	Louisville, Ky.	Quaker Hill, Inc., Newark, New York
Angle, Mrs. Roxanna	Louisville, Ky.	Quaker Hill, Inc., Newark, New York
Angle, Mrs. Sarah R.	Louisville, Ky.	C. W. Stuart and Co., Newark, New York
Angle, Rudy B.	Louisville, Ky.	C. W. Stuart and Co., Newark, New York
Archer, L. R.	Indianapolis, Ind.	Empire Nursery Products Co., Newark, New York
Blackshaw, W. E.	Louisville, Ky.	Empire Nursery Products Co., Newark, New York
Brown, J. B.	Baxter, Tenn.	Baxter Nursery, Baxter, Tennessee
Brown, W. J.	Augusta, Ky.	Empire Nursery Products Co., Newark, New York
Carlyle, R. J.	Louisville, Ky.	Empire Nursery Products Co., Newark, New York
Carriss, Morton T.	Mount Eden, Ky.	Quaker Hill, Inc., Newark, New York
Christian, W. M.	McMinnville, Tenn.	The H. R. Potter Nursery, Madison, Tennessee
Collins, Joseph E.	Louisville, Ky.	Quaker Hill, Inc., Newark, New York
Conrade, Heyde C.	Louisville, Ky.	Quaker Hill, Inc., Newark, New York
Curtis, Harry M.	Louisville, Ky.	Quaker Hill, Inc., Newark, New York
Deffenbaugh, H. W.	Louisville, Ky.	C. W. Stuart and Co., Newark, New York
Farley, W. M.	Nolan, West Virginia	Emmons and Co., Newark, New York
Felker, John J.	Shepherdsville, Ky.	Quaker Hill, Inc., Newark, New York
Fleming, J. H.	Pikeville, Ky.	Quaker Hill, Inc., Newark, New York
Ford, William H.	Owensboro, Ky.	Quaker Hill, Inc., Newark, New York
Fuston, S. D.	Murfreesboro, Tenn.	Standard Nursery Co., McMinnville, Tennessee
King, Harrison	Central City, Ky.	Pine Creek Nursery, Smithville, Tennessee
McKnight, Paul	Murfreesboro, Tenn.	Standard Nursery Co., McMinnville, Tennessee
Miller, Thomas V.	Louisville, Ky.	Quaker Hill, Inc., Newark, New York
Moore, George C.	Louisville, Ky.	Quaker Hill, Inc., Newark, New York
Priest, John R.	Calhoun, Ky.	Quaker Hill, Inc., Newark, New York
Sanders, R. H.	Central City, Ky.	Pine Creek Nursery, Smithville, Tennessee
Toepfer, Charles	Cincinnati, Ohio	Empire Nursery Products Co., Newark, New York
Woolfolk, J. A.	Louisville, Ky.	Quaker Hill, Inc., Newark, New York
Young, G. M.	Smithville, Tenn.	Cedar Grove Nursery, Smithville, Tennessee
Young, Joe T.	Smithville, Tenn.	Cedar Grove Nursery, Smithville, Tennessee

## SUMMARY OF NURSERY INSPECTION

Inspections of growing stock .....	108
Inspections of fruit stock only .....	8
Inspections of perennials, bulbs, etc. ....	11
Inspections of strawberry plants .....	13
Inspections of sweetpotato plants .....	6
Inspections of greenhouses .....	2
Acres of all nursery stock .....	1,021
Acres of fruit stock only .....	5 ½
Acres of strawberry plants .....	12
Square feet of sweetpotato plant beds .....	17,100
Kentucky growers certificates issued .....	80
Nonresident nurserymen's licenses issued .....	118
Nursery dealer's permits issued .....	126
Nonresident nursery agent's permits issued .....	30
Miles traveled, July 1, 1942, to June 30, 1943 .....	19,994
Number of counties visited .....	120

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