

Kentucky Agricultural Experiment Station

UNIVERSITY OF KENTUCKY

THOMAS P. COOPER, Director

**Inspection, Certification, and Transportation of
Nursery Stock in Kentucky With a Brief
Report for the Year Ended June 30, 1941.**

W. A. PRICE and HOWARD G. TILSON

With increasing attention directed toward national defense and extended production of agricultural commodities, the country is faced with certain possible dangers in the control of plant pests. The necessity for curtailment of nondefense spending by the Federal government is likely to mean less money for plant quarantine enforcement and research. Suppressing measures against such pests as Japanese beetle, Dutch elm disease, and white fringed beetle, now being carried on by the Bureau of Entomology and Plant Quarantine, in cooperation with the several states, will likely be curtailed, thereby increasing the danger of spread of these pests to noninfested and noninfected areas.

Nursery stock is only one of a large group of agricultural commodities by which plant pests can be distributed. Nurserymen are in general aware of the danger involved and are therefore capable of taking the lead in guarding against the spread of injurious plant pests.

It is the policy of the Kentucky Agricultural Experiment Station, thru its Entomologist, to publish an informal bulletin each year containing information regarding production and movement of nursery stock; the requirements of interstate shipment of plants; the acquisition of nursery inspection certificates, nursery dealers and nursery agent's permits; a discussion of some of the most recently introduced insects and diseases; and a list of licensed nurserymen, dealers, and agents.

WHAT IS NURSERY STOCK?

Under the provisions of the Kentucky Nursery Inspection Law, the State Entomologist has the authority to class any plant as nursery stock if that plant may be a means of spreading dangerous insects or diseases not already established within the commonwealth. Plants now classed as nursery stock are: all trees, shrubs, and vines, including ornamentals and evergreens; roses; strawberry, raspberry, and blackberry plants; herbaceous perennial plants and roots; and ornamental bulbs, corms, and tubers. Annual flowering plants, greenhouse and household potted plants, and garden vegetable plants are not classed as nursery stock.

The question is often asked: "Is a plant considered nursery stock if it is not grown in a nursery?" The answer is, Yes. The classification is based on the type of plant and not on the place where, or the person by whom, it is grown. It therefore follows that plants of the kinds listed in the preceding paragraph as nursery stock are classed as nursery stock if offered for sale, and are subject to all the provisions of the law, even tho they may be grown on private grounds or dug from the wilds.

REQUIREMENTS FOR CERTIFICATES AND PERMITS

Persons engaged in the nursery trade are classified in three groups under provisions of the Nursery Inspection Law, namely: nurserymen (or growers), dealers, and agents. Before a certificate of inspection may be issued to a nurseryman, his growing stock must be free from certain insects and plant diseases known to be destructive or capable of injuring the host plant even after the plant is sold and removed from the nursery. Regular inspections of nurseries are made at least once a year during the growing season. The nurseryman is required to clean up or destroy any insects or diseases found in the nursery that, in the opinion of the inspector, would be serious pests of the nursery stock offered for sale.

Nursery-stock dealers are those who buy nursery stock and offer it for resale. Most landscape men are nursery dealers. In order to obtain a permit to sell nursery stock a dealer must give to the State Entomologist a complete list of nurseries from which he buys stock. These nurseries must have passed inspection requirements of the state in which they are located and have on file in the office of the Kentucky State Entomologist a copy

of their certificate of inspection. Blank forms for listing nurseries may be obtained from the State Entomologist, Kentucky Agricultural Experiment Station, Lexington, Kentucky. These forms should be returned to him after being executed and signed before a notary public.

Agents are those who offer for sale the stock of specific nurserymen. They are required to file a notarized statement with the State Entomologist giving the name and location of the nursery represented. Likewise, each nursery must list all its authorized agents soliciting orders within Kentucky.

Collectors of native trees and shrubs must have all plants inspected before offering them for sale. A time and place for inspection after the plants are collected may be arranged with the State Entomologist. A certificate of inspection is required for collected nursery stock under the same requirements as for nurseries.

A fee of \$5.00 is required by law for the issuance of all certificates of inspection, dealers' permits, and agents' permits.

REQUIREMENTS FOR SHIPPING NURSERY STOCK

Each package of nursery stock offered for shipment by common carrier must have attached to it a copy of a valid certificate of inspection. This is required not only by the state but by the U. S. postal department as well.

The various states have certain requirements that must be met when nursery stock is shipped into them. These requirements are listed in the tabulation on page 4.

Thus, 35 of the states require that copies of the inspection certificate be filed with the proper authorities. Four require bonds to be posted. Nevada requires a special certificate, stating that stock was inspected immediately prior to shipment. Virginia requires nurseryman's registration fee only when an authorized agent is operating within the state. Arkansas has reciprocal provisions except when agents representing non-resident nurserymen are working within the state, in which case a \$5.00 nurseryman's registration fee is required. To secure permit tags, some of which are without cost, and to obtain information regarding quarantine regulations of the various states, it is necessary to correspond with the officers in charge of inspection and regulation in the various states, names of whom are given on pages 5 and 6.

State	Duplicate		Nurseryman's fee	Agent's fee	Special tag	Posted bond
	Inspection Certificate					
Alabama	Yes		\$10.00	\$1.00	Yes	None
Arizona	No		None	None	No	None
Arkansas	Yes		Reciprocal	\$1.00	Yes	None
California	No		None	None	No	None
Colorado	No		Reciprocal	None	No	None
Connecticut	Yes		Reciprocal	None	No	None
Delaware	No		None	None	No	None
Florida	Yes		None	None	Yes	None
Georgia	Yes		\$5.00	\$1.00	No	None
Idaho	Yes		\$5.00 to \$15.00	None	No	\$1,000*
Illinois	Yes		Reciprocal	None	No	None
Indiana	Yes		None	\$1.00	No	None
Iowa	Yes		Reciprocal	None	No	None
Kansas	Yes		Reciprocal	None	No	None
Kentucky	Yes		\$5.00	\$5.00	No	None
Louisiana	Yes		None	None	Yes	None
Maine	No		None	\$5.00	No	None
Maryland	Yes		None	None	No	None
Massachusetts	No		Reciprocal	None	No	None
Michigan	Yes		Reciprocal	\$1.00	No	None
Minnesota	Yes		Reciprocal	None	No	None
Mississippi	Yes		Reciprocal	None	Yes	None
Missouri	Yes		None	None	No	None
Montana	No		\$25.00	None	No	\$1,000
Nebraska	Yes		Reciprocal	\$1.00	No	None
Nevada	No		None	None	No	None
New Hampshire	No		Reciprocal	None	No	None
New Jersey	Yes		None	None	No	None
New Mexico	Yes		\$10.00	\$25.00	No	None
New York	No		Reciprocal	None	No	None
North Carolina	Yes		Reciprocal	None	No	\$1,000
North Dakota	No		Reciprocal	None	No	None
Ohio	Yes		Reciprocal	\$1.00	No	None
Oklahoma	Yes		Reciprocal	\$1.00	No	None
Oregon	No		Reciprocal	\$1.00	No	None
Pennsylvania	Yes		None	None	No	None
Rhode Island	Yes		None	None	No	None
South Carolina	Yes		None	None	Yes	None
South Dakota	No		\$1.00	\$1.00	No	None
Tennessee	Yes		Reciprocal	\$5.00		
				(or		
				reciprocal)	No	None
Texas	Yes		Reciprocal	None	No	None
Utah	Yes		None	\$10.00	No	None
Vermont	Yes		None	None	No	None
Virginia	Yes		None	\$1.00	Yes	None
Washington	Yes		Reciprocal	\$1.00	No	None
West Virginia	Yes		\$15.00	None	Yes	None
Wisconsin	Yes		Reciprocal	None	No	None
Wyoming	Yes		\$15.00	None	Yes	\$500

* Only for fruit-stock growers.

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 Orchard and Nursery Inspection Service, Department of Agriculture, Lansing.
Minnesota	A. G. Ruggles, 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	R. H. Bell, Director, Bureau of Plant Industry, Harrisburg.
Rhode Island	A. E. Stone, 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 Quarantines, 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

The Japanese beetle situation in Kentucky looks encouraging, at least for the immediate future. The trapping record is as follows:

- 1936—Two beetles in Louisville and one in Lexington.
- 1937—Ten beetles in Louisville and one in Lexington.
- 1938—Sixty-two beetles in Louisville and one in Lexington.
- 1939—Thirteen beetles in Louisville.
- 1940—Four beetles in Louisville.

The decided reduction in number of beetles captured in Louisville in 1939 and 1940, as compared with the number taken in 1938, resulted from application of lead arsenate to the infested

area during September and October, 1938 (see Kentucky Regulatory Series Bulletin No. 19, 1939). Trapping for Japanese beetle has been carried on in most of the principal towns in Kentucky for one or more years since 1936, but with negative results.

Three states bordering Kentucky are now under federal quarantine as a result of Japanese beetle infestations—namely, Ohio, Virginia, and West Virginia. There has been a gradual spread of the infestation from its original point in New Jersey. According to a recent statement by the Chief of the Bureau of Entomology and Plant Quarantine, this natural spread will probably continue. The reason for quarantine is to prevent sudden and widespread dissemination caused by shipments of insect-infested materials from the infested areas to noninfested areas. The infested area now under regulation includes the District of Columbia, the entire states of Connecticut, Delaware, Massachusetts, New Jersey, and Rhode Island, and parts of Maine, New Hampshire, Vermont, New York, Pennsylvania, Virginia, Ohio, Maryland, and West Virginia.

Caution should be exercised in bringing into Kentucky any material from the infested area which might carry Japanese beetle in any of its stages of development. Plants with soil about the roots are carriers of the insect at any time of year and plant materials of any sort can carry the adult beetles during period of flight, which usually extends from June 1 to October 15.

PHONY-PEACH DISEASE

Webster county is the only county in which there remains any known possibility of phony-peach infection. Since 1935 an intensive inspection of all peach-growing sections within the state has been carried out. Since 1937 only one infected tree has been found. There is good reason to believe this disease will be completely stamped out of Kentucky within a few years.

WHITE FRINGED BEETLE

There has been little change in the white-fringed-beetle situation in the last few years. The spread has been comparatively slow because of rather drastic measures employed by quarantine officials since the pest was discovered in northern Florida in 1936. The infested area includes parts of the counties Conecuh, Covington, Geneva, Mobile, Monroe, and

Wilcot in Alabama; parts of the counties of Escambia, Okaloosa, and Walton in Florida; East Baton Rouge parish, St. Tammany parish, and two parishes and parts of two others in the vicinity of and including the city of New Orleans in Louisiana; and parts of Harrison, Hinds, Jackson, Jones, Pearl River, and Stone counties in Mississippi.

By the use of certain sanitary measures and especially constructed plant beds and benches, it is possible to grow plants free from white fringed beetle, upon which certification can be secured for shipment to noninfested areas. Also the use of methyl bromide has been found effective in destroying all stages of white fringed beetle in balled nursery stock.

All properties in Kentucky to which plants from infested areas were shipped have been carefully inspected but no beetles have been found.

**INSECTS AND DISEASES IN THE ORDER OF THEIR
FREQUENCY OF APPEARANCE IN KENTUCKY
NURSERIES 1940-41**

Diseases	Insects
Cedar rust	Red spider
Delphinium leaf spot	Strawberry crown borer
Yellows of strawberries	Oriental fruit moth
Fire blight	Gladiolus thrips
Delphinium crown rot	Seventeen-year locust
Lombardy poplar canker	Poplar leaf tier
Red stele of strawberries	Grasshopper
Rose black spot	White pine bark aphid
Willow canker	Obscure scale
Cherry leaf spot	Aphids
Viburnum leaf spot	Pine needle scale
Gladiolus scab	Holly leaf miner
Birch leaf spot	Peach tree borer
Dahlia stunt	Bagworm
Sweetpotato black rot	Blister beetle
	Dahlia leafhopper
	Sweetpotato weevil

**KENTUCKY NURSERYMEN WHO RECEIVED CERTIFICATES
OF INSPECTION, 1940-41**

Name	Address	Acre- age	Stock
Bagwell, Harlan	Murray		Sweetpotato plants
Burnett, Gardens, B. W. Burnett	Hardin	1	Gladioli
Bellefonte Nursery, Orval Lycan	Ashland	2½	General
Blankenbaker, S. H.	Jeffersontown	3	General
Bourbon Nurseries, J. S. Wilson	Paris	23	General

**KENTUCKY NURSERYMEN WHO RECEIVED CERTIFICATES
OF INSPECTION, 1940-41—Continued**

Name	Address	Acre- age	Stock
Boyle, L. T.	306 Lewis St., Owensboro	3	Ornamental
Byrn Landscape Service	Mayfield	1/2	General
Carter Nursery, H. V. Pack	Carter	1/2	General
Catalpa Gardens, Mrs. Rodman Hansborough	Shelyville	2	Ornamental
Chick, C. D.	Marion	1/2	Ornamental
Clark, Joe A.	Webster	1/4	Fruits
Clinton Nursery, O. Piper	Clinton	2	Fruits
Conger, Charles E.	Marion	1	Strawberry plants
Crawford, I. T.	Murray	1/2	Gladioli
Crume Nursery and Land- scape Co., T. C. Crume	Florence	12	General
Curry, J. G.	Hawesville		Sweetpotato plants
Dieterich, C. P., and Bro.	Maysville	1	Ornamental
Dixie View Nurseries, A. L. Heger	Covington	60	General
Donaldson Nurseries, J. F. Donaldson	Sparta and Warsaw	70	General
Durrett, R. J.	Louisville	1 1/2	Ornamental
Evans Bros.	Christine	1/2	Fruits
Fike's Nursery, J. W. Fike	Hopkinsville	35	General
Gardner, Boone Nursery, Dan Gardner	Louisville	8	General
Gramse Nursery, Mrs. R. A. Gramse	Paducah	3	General
Grant Gardens, Dr. H. L. Grant	Louisville	2	Ornamental
Green River Home Nursery, W. A. Sandefur	Robards	10	General
Green, T. W.	Bowling Green	1 1/2	General
Haag Nursery, R. L. Haag	Jeffersontown	30	General
Highland Fruit Farm, Truman Taylor	Waynesburg	2	Strawberry plants
Highland Nursery Co., Joe Buenger	Fort Thomas	2	General
Highland Place Nursery, Mrs. Joseph M. Garrett	Versailles	10	General
Hillenmeyer Nurseries	Lexington	275	General
Humphreys' Landscape Service, A. G. Humphreys	Mount Sterling	5	General
Immegart's Nursery, Fred J. Immegart	250 S. Alexandria Pike, Newport	2	General
Johnston, Allie	Calvert City	1	General
Junior Club Nursery, A. C. Herrin	Shopville	1/2	Fruits
Keeling, J. W.	Hopkinsville	1/2	Fruits
Kelly, Asa	Fordsville	1/4	Fruits
Ky. Forest Service Nursery	Louisville	30	Native trees
Kirch Gardens, Louis Kirch	818 Perennial Drive, Louisville	1/2	Ornamental
Kirksey Plant Farm	Kirksey		Sweetpotato plants

**KENTUCKY NURSERYMEN WHO RECEIVED CERTIFICATES
OF INSPECTION, 1940-41—Continued**

Name	Address	Acre- age	Stock
Kirksville Chapter F. F. A., S. E. Wheeler, Adviser	Kirksville	½	Ornamental
Klein Nursery and Floral Co., Theo. Klein	Crestwood	30	General
Korfhage, Louis J.	Shively	10	General
Leeming Nursery, W. H. Leeming	Shively	15	General
Limestone Gardens, Mr. and Mrs. F. W. Galloway	Washington	5	Perennials and Dahlias
Lindberg's Nursery and Landscape Co.	Versailles	5	General
Louisville Nurseries	St. Matthews	50	General
Martin's Nursery, Robert Martin	Carrollton	10	General
Mount Airy Nursery, Dalton Brown	Harrodsburg	2	General
Mount Pleasant Gardens	1810 N. Ft. Thomas Ave., Ft. Thomas	10	General
Nick's Nursery, Nick and Jeff Verburg	Anchorage	15	General
Nickels, B. J.	Frankfort	¼	Ornamental
Noble, G. R.	Paducah		Greenhouse
Piper, Bernard	Clinton	½	Fruits
Pleasant View Green- houses, T. L. Metcalf	Madisonville		Roses
Pomona Nurseries	Bowling Green	15	General
Pullam-Threlkeld Nursery	Clay	5	General
Renfro, H. E.	Beaver Dam	¼	Fruits
Reynolds, A. D., and Son	Harrodsburg	1	General
Richardson Plant Co.	Rt. 5, Murray		Sweetpotato plants
Ridgeway Nurseries, Theo. Zollinger	St. Matthews	6	General
Roberts, B. E.	Benton		Sweetpotato plants
Rose Hill Florist	Eminence	¼	Ornamental
Rottgering Greenhouses	Paducah	½	Ornamental
Sanders Bros. Nursery	Paducah	10	General
Shacklette, Dr. W. J.	Hodgenville	½	Ornamental
Shupe Nurseries	Sedalia	10	General
Singer Gardens, J. W. Singer	Stamping Ground	2	General
Smith, Bert R.	Bowling Green	¼	Chrysanthemums
Smits Greenhouses, Jan Smits	Paris	5	General
Soil Conservation Nursery	Paducah	60	Tree seedlings
Stevens Florist	850 Tremont Ave., Lexington	¼	Perennials
Tapscott Florist	Owensboro	3	General
Timmons Nursery, J. W. Timmons and J. N. Johnston	Sebree	½	General
Tindell Nursery, O. H. Tindell	London	¼	Ornamental
Todd Co. Nursery, J. M. Green	Trenton	½	General

**KENTUCKY NURSERYMEN WHO RECEIVED CERTIFICATES
OF INSPECTION, 1940-41—Continued**

Name	Address	Acre- age	Stock
Walnut Lawn Farm, R. L. James	Lexington	6	General
Warner, J. T.	Rt. 6, Paducah	2½	Strawberry plants
Webb's Evergreen Nursery, R. F. Webb	Warsaw	1	Ornamental
Webb, Clifton	Hawesville		Sweetpotato plants
Webb, S. T.	Rt. 3, Waynes- burg	1	Strawberry plants
Westerman, W. H.	Erlanger	½	Ornamental
Wettstain, H. C.	Chambers		Sweetpotato plants
Whittinghill, Lonnie M.	Love	½	General
Whittinghill, Samuel D.	Love	¼	Fruits
Willadean Nurseries, Alvin Kidwell	Sparta	80	General
Williams, E. C.	Almo		Sweetpotato plants
Yopp Nursery, M. J. Yopp	Paducah	15	General

NURSERY DEALERS

Alexander, I. P.	Campbellsville, Ky.
Bacon, J., and Sons	Louisville, Ky.
Barnes, Everett	McMinnville, Tenn.
Barnett, A. E.	Murray, Ky.
Best, Clara R.	Silver Grove, Ky.
Bezold, Anthony	Newport, Ky.
Blalock, T. W.	Newland, N. Carolina
Bunton Seed Company	Louisville, Ky.
Burris, W. S.	Buchanan, Ky.
Duke, C. B.	Chattanooga, Tenn.
Ferguson, Lewis E.	Louisa, Ky.
Fort Thomas Landscape Company	Fort Thomas, Ky.
Grant, W. T., Company	Louisville, Ky.
Grant, W. T., Company	Paducah, Ky.
Green, H. L., and Company	Louisville, Ky.
Hall Seed Company	Louisville, Ky.
Haupt, Fred	Louisville, Ky.
Hawkins, S. C.	Bloomfield, Ky.
Hoagland and Masters Seed Company	Louisville, Ky.
Humphries, J. A.	Louisville, Ky.
Kaufman-Straus Company	Louisville, Ky.
Kresge, S. S., Co.	Lexington, Ky.
Kresge, S. S., Co.	Louisville, Ky.
Kresge, S. S., Co.	Lexington, Ky.
Kresge, S. S., Co.	Paducah, Ky.
Kresge, S. S., Co.	Covington, Ky.
Kresge, S. S., Co.	Newport, Ky.
Kresge, S. S., Co.	Owensboro, Ky.
Kress, S. H., & Co.	Ashland, Ky.
Kress, S. H., & Co.	Hopkinsville, Ky.
Kress, S. H., & Co.	Winchester, Ky.
McClure, John	Chattanooga, Tenn.
McCory Stores Corp.	Louisville, Ky.
McCullough, J. Chas., Seed Co.	Cincinnati, Ohio
McElroy, H. A., Co.	Glasgow, Ky.
McElroy, H. A., Co.	Madisonville, Ky.

NURSERY DEALERS—Continued

McElroy, H. A., Co.	Bowling Green, Ky.
McElroy, H. A., Co.	Somerset, Ky.
McElroy, H. A., Co.	Morganfield, Ky.
McElroy, H. A., Co.	Providence, Ky.
McElroy, H. A., Co.	Murray, Ky.
McElroy, H. A., Co.	Princeton, Ky.
Minish and Potts	Crestwood, Ky.
Mountjoy, Jno. C.	Midway, Ky.
Murphy, G. C., Co.	Ashland, Ky.
Murphy, G. C., Co.	Maysville, Ky.
Murphy, G. C., Co.	Pikeville, Ky.
Murphy, G. C., Co.	Paintsville, Ky.
Murray Nursery and Florist	Murray, Ky.
Newberry, J. J., Co.	Owensboro, Ky.
Newberry, J. J., Co.	Elizabethtown, Ky.
Newberry, J. J., Co.	Henderson, Ky.
Newberry, J. J., Co.	Glasgow, Ky.
Newberry, J. J., Co.	Louisville, Ky.
Newberry, J. J., Co.	Cynthiana, Ky.
Newberry, J. J., Co.	Frankfort, Ky.
Newberry, J. J., Co.	Corbin, Ky.
Newberry, J. J., Co.	Somerset, Ky.
Newberry, J. J., Co.	Mayfield, Ky.
Newberry, J. J., Co.	Paris, Ky.
Newberry, J. J., Co.	Mt. Sterling, Ky.
Newberry, J. J., Co.	Winchester, Ky.
Newberry, J. J., Co.	Versailles, Ky.
Newberry, J. J., Co.	Harlan, Ky.
Newberry, J. J., Co.	Richmond, Ky.
Newberry, J. J., Co.	Hazzard, Ky.
Newberry, J. J., Co.	Lawrenceburg, Ky.
Newberry, J. J., Co.	Shelbyville, Ky.
Newberry, J. J., Co.	Danville, Ky.
Ostrander, John O.	Louisville, Ky.
Owens, R. W.	Newland, North Carolina
Powell Seed Store	Louisville, Ky.
Powers, J. N.	Erlanger, Ky.
Purcell Co.	Lexington, Ky.
Scott Store	Bowling Green, Ky.
Scott Store	Ashland, Ky.
Scott Store	Middlesboro, Ky.
Scott Store	Harlan, Ky.
Sears, Roebuck and Company	Louisville, Ky.
Setters, James	Jeffersonville, Ky.
Snyder, Ben	Louisville, Ky.
Stringer, H. R.	St. Matthews, Ky.
Thomas, Ray R.	Louisville, Ky.
Watkins, LeRoy S.	Owensboro, Ky.
Woolworth, F. W., Co.	Paducah, Ky.
Woolworth, F. W., Co.	Owensboro, Ky.
Woolworth, F. W., Co.	Madisonville, Ky.
Woolworth, F. W., Co.	Hopkinsville, Ky.
Woolworth, F. W., Co.	Henderson, Ky.
Woolworth, F. W., Co.	Mayfield, Ky.
Woolworth, F. W., Co.	Bowling Green, Ky.
Woolworth, F. W., Co.	Louisville, Ky.
Woolworth, F. W., Co.	Danville, Ky.
Woolworth, F. W., Co.	Lexington, Ky.
Woolworth, F. W., Co.	St. Matthews, Ky.
Woolworth, F. W., Co.	Covington, Ky.

NURSERY DEALERS—Continued

Woolworth, F. W., Co.	Ashland, Ky.
Woolworth, F. W., Co.	Newport, Ky.
Woolworth, F. W., Co.	Maysville, Ky.
Woolworth, F. W., Co.	Richmond, Ky.
Woolworth, F. W., Co.	Middlesboro, Ky.
Woolworth, F. W., Co.	Frankfort, Ky.
Woolworth, F. W., Co.	Louisville, Ky.

NON-RESIDENT NURSERYMEN

Name	Address	Stock
Adams Potato Company	McLemoresville, Tenn.	Sweetpotato
Allen, Jim, Nursery Company.....	Smithville, Tenn.	General
American Bulb Co.	Chicago, Ill.	Ornamental
Arcadia Rose Co.	Newark, N. Y.	General
Armstrong Nurseries	Ontario, Calif.	General
Arp Nursery Company	Tyler, Texas	General
Bass Pecan Company	Lumberton, Miss.	Pecan
Baxter Nursery Company	Baxter, Tenn.	General
Blountville Nurseries, Inc.	Blountville, Tenn.	General
Bobbink and Atkins	Rutherford, N. J.	General
Bountiful Ridge Nurseries	Princess Anne, Md.	General
Boyd Nursery Company	McMinnville, Tenn.	General
Bristol Nurseries, Inc.	Bristol, Conn.	General
Buchrucker, Fred C., and Son.....	St. Louis, Mo.	General
Byrn Landscape Service.....	Dickson, Tenn.	Ornamental
Canterbury	Easton, Md.	Boxwood
Carolina Floral Nursery	Charleston, S. C.	General
Cedar Grove Nursery Company.....	Smithville, Tenn.	General
Central New York Nurseries.....	Geneva, N. Y.	General
Chase Nursery Company	Chase, Ala.	General
Commercial Nursery Company	Decherd, Tenn.	General
Conard-Plye Company	West Grove, Pa.	Roses
Coolidge Rare Plant Gardens.....	Pasadena, Calif.	Ornamental
Couch Brothers Nursery Co.	McMinnville, Tenn.	General
Cumberland Valley Nurseries	McMinnville, Tenn.	General
Davis, E. C. and B. B., Co.....	Hagen, Va.	General
Delaware Nurseries	Shelyville, Del.	General
Dixie Line Nursery Company.....	Smithville, Tenn.	General
Dixie Rose Nursery	Tyler, Texas	Roses
Drake, E. B., Nurseries	Winchester, Tenn.	General
Dreer, Henry A., Inc.....	Riverton, N. J.	General
Earlyville Nursery Co.	Daylight, Tenn.	General
Economy Nursery Company	Little Silver, N. J.	General
Emlong Nurseries	Stevensville, Mich.	General
Emmons and Company	Newark, N. Y.	General
Empire State Nursery Co.	Newark, N. Y.	General
Ernst Nurseries	Eaton, Ohio	General
Evergreen Nursery Co.	Sturgeon Bay, Wis.	General
Farmers Ideal Nursery Co.	Smithville, Tenn.	General
Flower City Rose Co.	Manchester, Conn.	General
Forest Nursery Co.	McMinnville, Tenn.	General
Fruitland Nurseries	Augusta, Ga.	General
George, James I, and Son	Fairport, N. Y.	General
Gillett Fern and Flower Farm.....	Southwick, Mass.	General
Graham-Charlton, Inc.	Geneva, N. Y.	General
Harding Brothers Nursery	Daylight, Tenn.	General
Harrisons' Nurseries	Berlin, Md.	General
Heller Brothers Co.	New Castle, Ind.	General
Henderson, Peter and Co.	Red Bank, N. J.	General

NON-RESIDENT NURSERYMEN—Continued

Name	Address	Stock
Hill, D., Nursery Co.	Dundee, Ill.	General
Home Nursery Co.	Fort Gay, W. Va.	General
Hope Nursery Co.	Tyler, Texas	General
Howard Rose Co.	Hemet, Calif.	Roses
Howell Nurseries	Knoxville, Tenn.	Ornamental
Inter-State Nurseries	Hamburg, Iowa	General
Isaacs Brothers	Lincoln, Del.	Strawberry
Jackson and Perkins Co.	Newark, N. Y.	General
John's	Apopka, Fla.	General
Kahn, S.	Staten Island, N. Y.	General
Keltonburg Nursery Co.	Smithville, Tenn.	General
Knight and Bostwick	Newark, N. Y.	General
Kohankie, Henry, and Son	Painesville, Ohio	General
McClung Bros. Nursery	Tyler, Texas	Roses
McIlhenny, E. A.	Avery Island, La.	General
McUmbler, R. R.	Greenfield, Tenn.	Strawberry
Maple Lawn Gardens	Tamaroa, Ill.	Narcissus
Mason Ky. Wonder Nursery Co.	Smithville, Tenn.	General
May, Earl E., Seed Co.	Shenandoah, Iowa	General
Mobala Nurseries	Mobile, Ala.	General
Moore, Wm. C., and Co.	Newark, N. Y.	General
Mount Arbor Nurseries	Shenandoah, Iowa	General
Mulford, Hewett P., and Co.	Lebanon, Ohio	Ornamental
Naperville Nurseries	Naperville, Ill.	General
Natorp, W. A., Company	Cincinnati, Ohio	General
Naughton Farms, Inc.	Waxahachie, Texas	General
Newton Nursery	Tyler, Texas	Roses
Onarga Nursery Co.	Onarga, Ill.	General
Owen, T. G., and Son	Columbus, Miss.	General
Paramount Nurseries	West Grove, Pa.	General
Park Nursery Co.	Plevna, Ala.	General
Peterson, George H.	Fair Lawn, N. J.	General
Pine Creek Nursery Co.	Smithville, Tenn.	General
Pinnacle Nursery	Sevierville, Tenn.	Ornamental
Pleasant Valley Nursery Co.	Smithville, Tenn.	General
Portland Nursery	Portland, Tenn.	General
Potter, H. R., Nursery	Madison, Tenn.	General
Quaker Hill, Inc.	Newark, N. Y.	General
Richards Gardens	Plainwell, Mich.	General
Rock Island Wholesale & Retail Nursery Company	McMinnville, Tenn.	General
Rose City Nursery	Tyler, Texas	Roses
Rynalski, K. F.	Fredonia, N. Y.	General
Rynveld, F., and Sons	New York, N. Y.	Bulbs
Scarff's, W. N., and Sons	New Carlisle, Ohio	General
Shady Lane Nursery Co.	Smithville, Tenn.	General
Shenandoah Nurseries	Shenandoah, Iowa	General
Shumway, R. H., Seedsman	Rockford, Ill.	Ornamental
Slatton Nursery Co.	McMinnville, Tenn.	General
Smith Brothers Nursery Co.	Concord, Ga.	General
South Side Nursery Co.	Smithville, Tenn.	General
Southern Nursery and Landscape Company	Winchester, Tenn.	General
Southern States Nurseries	Macclenny, Fla.	General
Southland Rose Nurseries	Tyler, Texas	Roses
Standard Nursery Co.	McMinnville, Tenn.	General
Stark Brothers Nurseries	Louisiana, Mo.	General
Stell Rose Nursery	Tyler, Texas	Roses

NON-RESIDENT NURSEYMEN—Continued

Name	Address	Stock
Stephenson, W. V., and Sons.....	Jacksonville, Fla.	General
Storrs and Harrison Co.	Painesville, Ohio	General
Story Rosefields	Tyler, Texas	Roses
Stuart, C. W., and Company	Newark, N. Y.	General
Studley, Walter A., Nursery	Fennville, Mich.	Ornamental
Stumpp and Walter Company.....	New York, N. Y.	General
Tennessee Nursery Co.	Cleveland, Tenn.	General
Texas Nursery Co.	Sherman, Texas	General
Tri-State Nurseries	Ironton, Ohio	General
Troup Nursery Co.	Troup, Texas	General
Twin Cedar Nurseries	Georgetown, Ind.	General
Universal Bulb Corporation	New York, N. Y.	Bulbs
Upton Nursery	Detroit, Mich.	General
Ustler Brothers	Apopka, Fla.	General
Valentine Nurseries	Cosby, Tenn.	Ornamental
Vaughan's Seed Store	Western Springs, Ill.	General
Verhalen Nursery Co.	Scottsville, Texas	General
Walnut Grove Nursery Co.	McMinnville, Tenn.	General
Washington Heights Nurseries	Knoxville, Tenn.	General
Waxahachie Nursery Co.	Waxahachie, Texas	General
Wayside Gardens Company	Mentor, Ohio	General
Whitten Nurseries	Bridgman, Mich.	General
Wholesale Nursery Co.	McMinnville, Tenn.	General
Willis Nursery Co.	Ottawa, Kansas	General
Wilson County Nursery Co.	Martha, Tenn.	General
Wilson, C. E., Nurseries	Manchester, Conn.	General
Wilson, C. E., Nurseries	Jacksonville, Texas	General
Winter Garden Ornamental Nursery	Winter Garden, Fla.	Ornamental

NURSERY AGENTS REPRESENTING NONRESIDENT NURSERIES

Name	Address	Name and Address of Nursery Represented
Albritton, G. W.....	Albertsville, Ala.	Couch Bros. Nursery Co., McMinnville, Tenn.
Allen, Mrs. Alonzo.....	Smithville, Tenn.	Shady Lane Nursery Co., Smithville, Tenn.
Brady, Jewel	McMinnville, Tenn.	The Wholesale Nursery Co., McMinnville, Tenn.
Brown, J. B.	Baxter, Tenn.	Baxter Nursery Co., Baxter, Tenn.
Cantrell, W. T.	Smithville, Tenn.	Keltonburg Nursery Co., Smithville, Tenn.
Christian, W. M.....	McMinnville, Tenn.	H. R. Potter Nursery, Madison, Tenn.
Cox, L. N.	McMinnville, Tenn.	Couch Bros. Nursery Co., McMinnville, Tenn.
Doherty, M.	Nortonville, Ky.	Wm. C. Moore and Co., Newark, N. Y.
Driver, C. E.	Smithville, Tenn.	Farmers Ideal Nursery Co., Smithville, Tenn.
Fleming J. H.	Pikeville, Ky.	Quaker Hill, Inc., Newark, N. Y.
Frasure, W. M.....	Alphoretta, Ky.	Quaker Hill, Inc., Newark, N. Y.
Frazier, W. S.	Martin, Ky.	Quaker Hill, Inc., Newark, N. Y.
Fuston, Odell	McMinnville, Tenn.	Couch Bros. Nursery Co., McMinnville, Tenn.
Fuston, S. D.	Murfreesboro, Tenn.	Standard Nursery Co., McMinnville, Tenn.
Fuston, W. L. D.....	Liberty, Tenn.	Standard Nursery Co., McMinnville, Tenn.
Futrelle, A. B.	Murray, Ky.	Quaker Hill, Inc., Newark, N. Y.
Gribble, Cilton	McMinnville, Tenn.	Rock Island Wholesale and Retail Nursery Co., McMinnville, Tenn.

NURSERY AGENTS REPRESENTING NONRESIDENT NURSERIES—Cont.

Name	Address	Name and Address of Nursery Represented
McKnight, Paul	Murfreesboro, Tenn.	Standard Nursery Co., McMinnville, Tenn.
Maynard, George	Silver Point, Tenn.	Pine Creek Nursery Co., Smithville, Tenn.
Milligan, L. L.	Gassaway, Tenn.	Standard Nursery Co., McMinnville, Tenn.
Murdock, Lillard	Silver Point, Tenn.	Shady Lane Nursery Co., Smithville, Tenn.
Odom, Robert	Smithville, Tenn.	South Side Nursery So., Smithville, Tenn.
Patterson, Margaret Ann	Elizabethtown, Ky.	H. R. Potter Nursery, Madison, Tenn.
Randolph, A. V.	Winchester, Ky.	Baxter Nursery Co., Baxter, Tenn.
Roberts, C. W.	McMinnville, Tenn.	Couch Bros. Nursery Co., McMinnville, Tenn.
Robinson, D. L.	Columbia, Tenn.	Pine Creek Nursery Co., Smithville, Tenn.
Sanders, R. H.	Central City, Ky.	Cedar Grove Nursery Co., Smithville, Tenn.
Smith, G. R.	Smithville, Tenn.	Dixie Line Nursery Co., Smithville, Tenn.
Snow, J. M.	Smithville, Tenn.	Dixie Line Nursery Co., Smithville, Tenn.
Stanley, Howard	Daylight, Tenn.	Cumberland Valley Nurseries, McMinnville, Tenn.
Stroud, J. W.	Clinton, Ky.	Stark Bros. Nurseries, Louisiana, Mo.
Summers, Ewin	Smithville, Tenn.	Pine Creek Nursery Co., Smithville, Tenn.
Tramel, A. W.	Smithville, Tenn.	Farmers Ideal Nursery Co., Smithville, Tenn.
Tramel, C. G.	Smithville, Tenn.	Farmers Ideal Nursery Co., Smithville, Tenn.
VanHooser, A. F.	Smithville, Tenn.	South Side Nursery Co., Smithville, Tenn.
Warren, George R.	McMinnville, Tenn.	Cumberland Valley Nurseries, McMinnville, Tenn.

SUMMARY OF NURSERY INSPECTION AND CERTIFICATION

Inspections of growing stock	119
Inspections of fruit stock only	17
Inspections of perennials, bulbs, etc.	16
Inspections of strawberry plants	14
Inspections of sweetpotato plants	10
Inspections of greenhouses	2
Acres of all nursery stock	977
Acres of fruit stock only	11
Acres of perennials, bulbs, etc.	16
Acres of strawberry plants	21
Square feet of sweetpotato plant beds	28,540
Bushels of sweetpotatoes in storage	1,210
Kentucky growers' certificates issued	89
Nonresident nurserymen's licenses issued	133
Nursery dealer's permits issued	103
Nonresident nursery agent's permits issued	35
Miles traveled, July 1, 1940, to June 30, 1941.....	23,391
Number of counties visited	120

VIOLATIONS

During the year, one person was apprehended, tried, and convicted of violating the Kentucky Nursery Inspection Law.