

Chapter C
BULB FARMS

(721)

Chapter C

BULB FARMS

Scope of census.—The special census of establishments producing bulbs includes only establishments engaged in the production of bulbs for sale. While these bulb farms were included in the general census of agriculture, detailed data regarding these establishments and the production of bulbs were obtained only in the special census. Detailed data for these establishments have been obtained by special censuses only in connection with the 1890, 1930, and 1950 Censuses of Agriculture.

Period covered by the census.—This special census covers, in general, operations in the calendar year 1949. However, a small proportion of the establishments, which maintained their records on a fiscal-year basis and which were unable to report on a calendar-year basis, were permitted to report for the fiscal year that included at least one-half of the calendar-year 1949. Regardless of the year used, the data on employment and on structures and equipment were to be reported for the period specified on the questionnaires.

Questionnaire used for the 1950 census.—A special questionnaire was used for establishments growing bulbs. A facsimile of this questionnaire appears in the appendix to this chapter.

THE ENUMERATION

The enumeration.—The enumeration for the special census of establishments producing bulbs was conducted largely by mail. Reports from establishments from which reports could not be obtained by mail were obtained through the assistance of personnel of State agricultural colleges and State departments of agriculture. Lists of producers were obtained from trade associations, commercial mailing lists, directories, and State departments of agriculture. These lists were checked against the list of producers as reported by the 1950 Census of Agriculture.

PRESENTATION OF STATISTICS

This report presents statistics for the United States and for selected States.

Comparability of data for prior censuses.—Comparative data are not presented in this report for prior censuses for several reasons: First, in 1950, the data applied only to establishments with total sales of \$1,000 or more, whereas, in prior censuses, all establishments having any sales were included, provided these places qualified as farms under the Census definition. Second, the data on value of crops for the 1950 Census relate to the value of crops sold, calculated on the basis of the value at wholesale prices; whereas, the value of crops reported in prior censuses represents the value of the crops as they were sold, i. e., some at wholesale prices, others at retail prices.

Comparability of data obtained in the 1950 Census of Agriculture.—The data obtained in this special census are not comparable with those obtained in the 1950 Census of Agriculture for several reasons: First, the Census of Agriculture includes data for all establishments producing bulbs qualifying as Census farms, whereas

this special census includes only those establishments having sales of \$1,000 or more. Second, the Census of Agriculture includes only totals for area and sales for a group of crops while the special census provides detailed data regarding individual crops. Third, the values reported for the Census of Agriculture represent the amount received by the farm operator when he sold the crops. This amount may represent sales at retail prices or at wholesale prices.

DEFINITIONS AND EXPLANATIONS

Definitions and explanations are presented only for those items for which the table descriptions are considered to be inadequate. The definitions consist primarily of a resumé of the questions in the questionnaire. For the exact phrasing of the inquiries and of the instructions included in the questionnaire, reference should be made to the facsimile of the questionnaire shown in the appendix.

Establishment represents the operations of an ownership or proprietorship engaged in the production for sale of bulbs. Usually if the operations were carried on in more than one State, the operation in each State was considered an establishment.

Type of organization represents types of ownership. Establishments are classified as individual proprietorships, partnerships, and corporations.

Total sales, for the purpose of this report, represent gross sales excluding returns and allowances. Sales include all wholesale sales and all retail sales of a given establishment. Sales include also the value of products sold on a commission basis and sales taxes.

Wholesale sales represent the total of wholesale sales to wholesale establishments and wholesale sales to retail and other establishments.

Wholesale sales to wholesale establishments represent the wholesale sales to establishments recognized as commission merchants, wholesale merchants, and other wholesale selling establishments—brokers, agents, assemblers, or others primarily engaged in wholesale trade and not engaged in production or retail trade.

Wholesale sales to retail and other establishments represent sales made directly to those engaged in production or in retail trade.

Retail sales represent all sales other than wholesale sales. This item includes goods and services purchased and resold at retail as well as products grown and sold at retail.

Value at wholesale prices of all crops sold represent the total obtained by adding the wholesale value of all individual crops sold as reported by a respondent. Respondents were asked to report the value at wholesale prices of each crop sold.

Proprietors of unincorporated establishments include all those who in the operation of individual proprietorships or partnerships devoted, in 1949, a major portion of their time to the business.

Unpaid family workers consist of the number of family members (wives, children, relatives, or others of the household of owners or managers) who worked at any time during the first two weeks of March 1949, but were not paid a wage or salary.

Paid officers of corporations consist of officers of incorporated establishments who were paid salaries.

All other paid employees for the pay period ending nearest March 15, 1949, include all hired persons, except paid corporation officers who were on the payroll at that time.

Paid employees in year-round positions include all hired employees who are retained on the payroll throughout the year, with the exception of paid officers of corporations.

Expenditures for wages and salaries include all payments to employees and officers but do not include any allowance for work performed by proprietors of unincorporated establishments, or unpaid family members.

Expenditures for manure and fertilizer include expenditures for commercial fertilizer and manure but do not include expenditures for topsoil.

Expenditures for insecticides and fungicides include those expenditures for such materials used for the production of bulb crops, but does not include insecticides and fungicides purchased for resale.

Expenditures for seeds, plants, and bulbs for planting do not include expenditures for those items which were purchased for resale. The questionnaire provided for separation of the purchases for planting and those for resale.

Expenditures for coal, fuel oil, and gas include only coal, fuel oil, and gas purchased for heating of greenhouses and similar production facilities. This item does not include fuel for use in automobiles, trucks, or tractors.

Expenditures for advertising include the usual expenditures for this purpose as well as the cost of catalogues and mailing pieces, and dues paid to trade associations.

Size of establishment refers to the classification of establishments by size of operation on the basis of the total value at wholesale prices of all crops sold.

Value of land, structures, and equipment include the value of structures directly connected with the business. In some instances, it may include the value of the operator's residence and other structures, not directly connected with the business, on the place where the production and selling operations are performed.

Greenhouse area represents the square feet of land covered by greenhouse structures. It does not include frame area. In the average greenhouse establishment two-thirds of the amount reported can be considered as the square footage of bench or bed area.

Area of frames represents the square feet of land area covered.

Storage-house floor area consists of the square feet of floor area regardless of whether there is more than one story in the structure.

Refrigerated storage represents the capacity in cubic feet of such facilities. The floor area of the refrigerated storage space is included in the area for storage-house floor area.

RELIABILITY OF DATA

There are no reliable data with which statistics secured in the Special Census of Horticultural Specialties can be compared. The enumeration of general data for horticultural-specialty products in the 1950 Census of Agriculture provided an independent source for checking the list of establishments compiled from other sources.

The information obtained from the individual establishments was examined during the office processing. Questionable entries were examined by technical personnel and, in case of important items, questionable information was verified or corrected on the basis of correspondence with the establishment.

It is believed that the coverage of establishments is at least 97 percent complete. The limiting of this special census to establishments having sale of \$1,000 or more, made it possible to obtain relatively complete reports for all establishments as the very small establishments with inadequate records were excluded from the censuses. For establishments having about 2 percent of the total sales of all establishments, it was necessary to estimate detailed data for the quantity of crops sold, the value of crops at wholesale prices, etc. These estimates were based upon data obtained in the 1950 Census of Agriculture, State certification reports, and reports for establishments producing similar crops or products.

SUMMARY OF DATA

There were 870 bulb farms that qualified for inclusion in the Special Census of Horticultural Specialties. Only 189 of these establishments reported a value of crops calculated at wholesale prices of \$10,000 or more. However, these 189 farms reported 74.2 percent of total sales, 75.9 percent of wholesale sales, 68.0 percent of all retail sales, and 75.2 percent of the value of crops at wholesale prices. The wholesale value of crops sold was 86.4 percent of the total sales. A large part of the production of bulbs is concentrated in the States of Oregon, Washington, Michigan, California, and New York.

Employment on bulb farms totaled 5,121 persons. This total includes more than 2,800 part-time and seasonal employees and probably includes some employees in year-round positions who perform farm work not connected with the bulb enterprise on bulb farms.

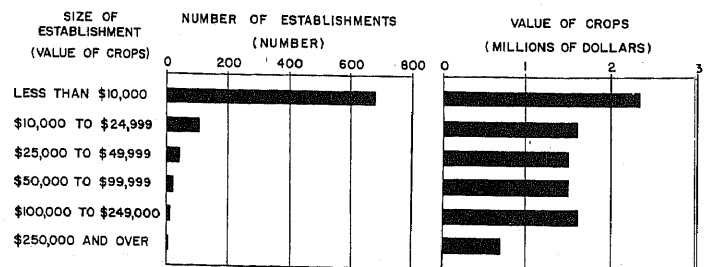
Specified expenditures totaled \$5,083,733, and represented 47.6 percent of total sales. Of this total for specified expenditures, wages and salaries represented 65.9 percent; manure and fertilizer, 5.1 percent; insecticides and fungicides, 1.4 percent; seeds, plants, and bulbs for planting, 16.6 percent; fuel, 0.1 percent; and advertising, 10.8 percent.

The value of land, structures, and equipment on bulb farms totaled \$13,933,443 or an average of \$16,015 per farm.

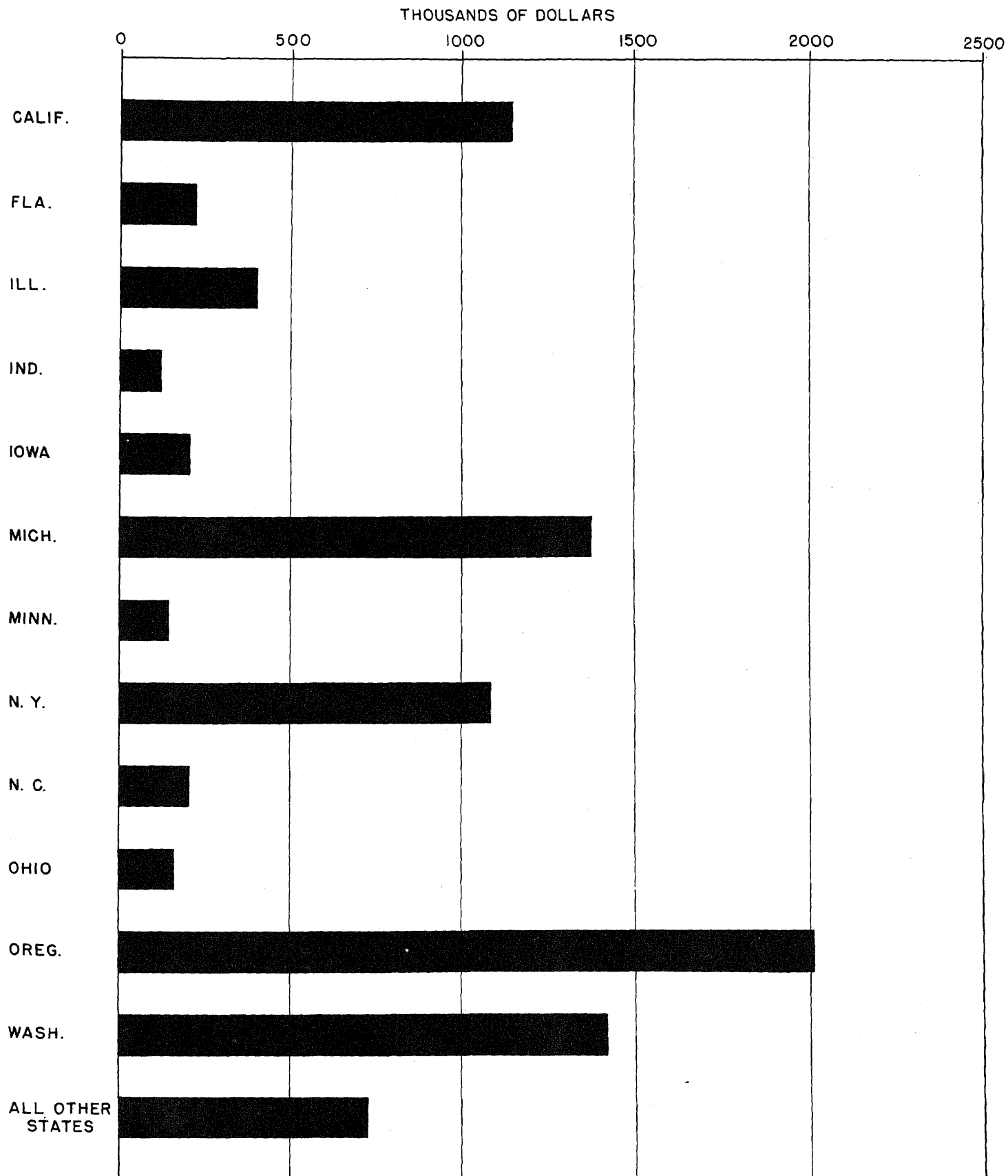
Only three bulb crops, namely, gladiola with a value of \$3,820,578, hardy narcissus with a value of \$1,230,677, and Easter lilies had a value at wholesale prices of \$1,000,000 or more. The value of these three crops represented 65.6 percent of the wholesale value of all bulb crops sold.

All except 3.3 percent of the bulb farms were operated either by individuals or partnerships. While establishments with a crop value of \$50,000 or more, represented less than 5 percent of all establishments, they produced over two-fifths of the wholesale value of all bulb crops sold.

BULB FARMS—NUMBER OF ESTABLISHMENTS, 1950, AND VALUE OF CROPS AT WHOLESALE PRICES, 1949, BY SIZE OF ESTABLISHMENT, FOR THE UNITED STATES

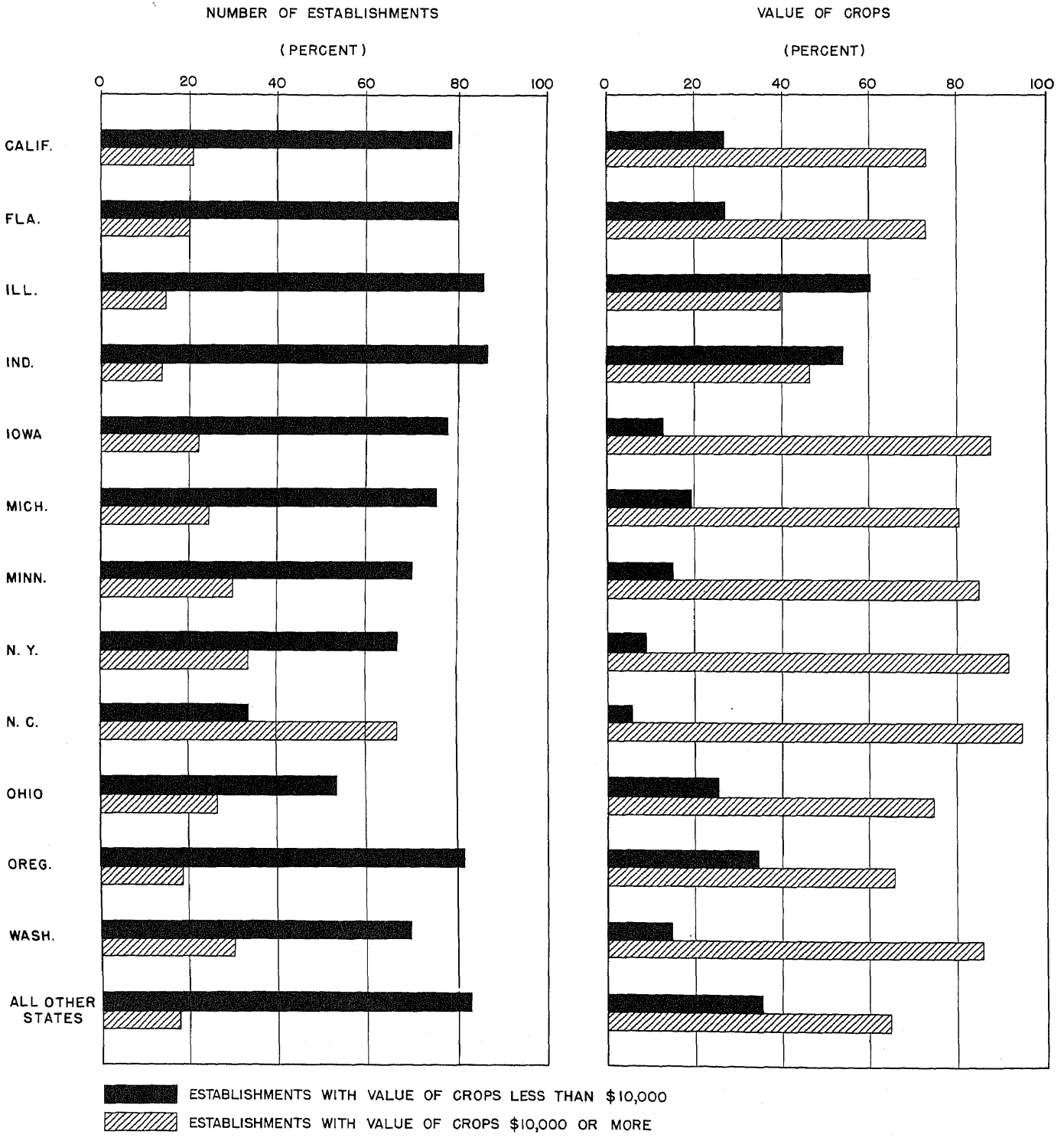


BULB FARMS—VALUE OF CROPS AT WHOLESALE PRICES,
FOR SPECIFIED STATES, 1949



HORTICULTURAL SPECIALTIES

BULB FARMS — PERCENT DISTRIBUTION OF THE NUMBER OF ESTABLISHMENTS, 1950,
AND VALUE OF CROPS AT WHOLESALE PRICES, 1949, BY SIZE OF
ESTABLISHMENT, FOR SPECIFIED STATES



BULB FARMS

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United States Summary Table 1.—SALES AND VALUE OF CROPS AT WHOLESALE PRICES, BY SIZE OF ESTABLISHMENT: 1949

Item	Total	Establishments with value of crops at wholesale prices of—	
		Less than \$10,000	\$10,000 and over
SALES			
Total sales.....	870	681	189
establishments reporting..	100.0	78.3	21.7
percent distribution..	10,690,965	2,756,094	7,934,871
Value of sales.....	12,288	4,047	41,983
average per establishment reporting..dollars..	100.0	25.8	74.2
percent distribution..			
All wholesale sales.....	795	615	180
establishments reporting..	100.0	77.4	22.6
percent distribution..	8,461,432	2,041,551	6,419,881
Value of sales.....	10,643	3,320	35,666
average per establishment reporting..dollars..	79.1	74.1	80.9
percent of total sales..	100.0	24.1	75.9
percent distribution..			
To wholesale establishments.....	549	435	114
establishments reporting..	100.0	79.2	20.8
percent distribution..	4,319,185	1,458,052	2,861,133
Value of sales.....	7,867	3,352	25,098
average per establishment reporting..dollars..	51.0	71.4	44.6
percent of all wholesale sales..	100.0	33.8	66.2
percent distribution..			
To retail and other establishments.....	309	220	89
establishments reporting..	100.0	71.2	28.8
percent distribution..	4,142,247	583,499	3,558,748
Value of sales.....	13,405	2,652	39,986
average per establishment reporting..dollars..	49.0	28.6	55.4
percent of all wholesale sales..	100.0	14.1	85.9
percent distribution..			
All retail sales.....	186	150	36
establishments reporting..	100.0	80.6	19.4
percent distribution..	2,229,533	714,543	1,514,990
Value of sales.....	11,987	4,764	42,083
average per establishment reporting..dollars..	20.9	25.9	19.1
percent of total sales..	100.0	32.0	68.0
percent distribution..			
VALUE OF CROPS			
Value of crops at wholesale prices.....	870	681	189
establishments reporting..	100.0	78.3	21.7
percent distribution..	9,236,989	2,291,674	6,945,315
Value of crops.....	10,617	3,365	36,748
average per establishment reporting..dollars..	86.4	83.1	87.5
percent of total sales..	100.0	24.8	75.2
percent distribution..			

United States Summary Table 2.—EMPLOYMENT, BY SIZE OF ESTABLISHMENT: 1949

Item	Total	Establishments with value of crops at wholesale prices of—	
		Less than \$10,000	\$10,000 and over
Total employment.....	870	681	189
establishments reporting..	100.0	78.3	21.7
percent distribution..	5,121	2,462	2,659
Persons.....	5.89	3.62	14.07
average per establishment reporting..number..	100.0	48.1	51.9
percent distribution..			
Proprietors of unincorporated establishments.....	803	646	157
establishments reporting..	100.0	80.4	19.6
percent distribution..	888	690	198
Persons.....	17.3	28.0	7.4
percent of total employment..	100.0	77.7	22.3
percent distribution..			
Unpaid family workers.....	323	275	44
establishments reporting..	100.0	86.4	13.6
percent distribution..	503	402	101
Persons.....	9.8	16.3	3.8
percent of total employment..	100.0	79.9	20.1
percent distribution..			
Paid officers of corporations.....	25	5	20
establishments reporting..	100.0	20.0	80.0
percent distribution..	50	9	41
Persons.....	1.0	0.4	1.5
percent of total employment..	100.0	18.0	82.0
percent distribution..			
All other paid employees (for pay period March 15, 1949).....	511	332	179
establishments reporting..	100.0	65.0	35.0
percent distribution..	3,680	1,361	2,319
Persons.....	71.9	55.3	87.2
percent of total employment..	100.0	37.0	63.0
percent distribution..			
Paid employees in year-round positions.....	234	85	149
establishments reporting..	100.0	36.3	63.7
percent distribution..	805	139	666
Persons.....	21.9	10.2	28.7
percent of all other paid employees..	100.0	17.3	82.7
percent distribution..			

HORTICULTURAL SPECIALTIES

United States Summary Table 3.—SPECIFIED EXPENDITURES, BY SIZE OF ESTABLISHMENT: 1949

Item	Total	Establishments with value of crops at wholesale prices of—	
		Less than \$10,000	\$10,000 and over
Specified expenditures, total.....establishments reporting..	870	681	189
.....percent distribution..	100.0	78.3	21.7
Amount expended.....dollars..	5,083,733	1,127,633	3,956,100
.....average per establishment reporting..dollars..	5,843	1,656	20,932
.....percent distribution..	100.0	22.2	77.8
Wages and salaries paid:			
Officers of corporation.....establishments reporting..	25	5	20
.....percent distribution..	100.0	20.0	80.0
Amount expended.....dollars..	247,421	35,115	212,306
.....average per establishment reporting..dollars..	9,897	7,023	10,615
.....average per person..dollars..	4,948	3,902	5,178
.....percent distribution..	100.0	14.2	85.8
All other paid employees.....establishments reporting..	715	527	188
.....percent distribution..	100.0	73.7	26.3
Amount expended.....dollars..	3,105,066	641,120	2,463,946
.....average per establishment reporting..dollars..	4,343	1,217	13,106
.....percent of total sales..	29.0	23.3	31.1
.....percent distribution..	100.0	20.6	79.4
Year-round employees.....establishments reporting..	234	85	149
.....percent distribution..	100.0	36.3	63.7
Amount expended.....dollars..	1,492,163	222,797	1,269,366
.....average per establishment reporting..dollars..	6,377	2,621	8,519
.....average per person..dollars..	1,854	1,603	1,906
.....percent distribution..	100.0	14.9	85.1
Part-time or seasonal employees.....establishments reporting..	675	498	177
.....percent distribution..	100.0	73.8	26.2
Amount expended.....dollars..	1,612,903	418,323	1,194,580
.....average per establishment reporting..dollars..	2,389	840	6,749
.....percent distribution..	100.0	25.9	74.1
Manure and fertilizer.....establishments reporting..	804	630	174
.....percent distribution..	100.0	78.4	21.6
Amount expended.....dollars..	261,811	87,938	173,873
.....average per establishment reporting..dollars..	326	140	999
.....percent of value of all crops..	2.8	3.8	2.5
.....percent distribution..	100.0	33.6	66.4
Insecticides and fungicides.....establishments reporting..	748	580	168
.....percent distribution..	100.0	77.5	22.5
Amount expended.....dollars..	70,316	24,782	45,534
.....average per establishment reporting..dollars..	94	43	271
.....percent of value of all crops..	0.8	1.1	0.7
.....percent distribution..	100.0	35.2	64.8
Seeds, plants, and bulbs for planting.....establishments reporting..	673	520	153
.....percent distribution..	100.0	77.3	22.7
Amount expended.....dollars..	842,025	173,170	668,855
.....average per establishment reporting..dollars..	1,251	333	4,372
.....percent of value of all crops..	9.1	7.6	9.6
.....percent distribution..	100.0	20.6	79.4
Fuel:			
Amount expended, total.....dollars..	5,869	1,204	4,665
Cost per square foot of greenhouse area.....dollars..	0.04	0.12	0.03
Coal.....establishments reporting..	12	9	3
.....percent distribution..	100.0	75.0	25.0
.....tons..	333	64	269
Amount expended.....dollars..	3,644	924	2,720
.....average per establishment reporting..dollars..	304	103	907
.....average per ton..dollars..	10.94	14.44	10.11
.....percent distribution..	100.0	25.4	74.6
Fuel oil.....establishments reporting..	14	9	5
.....percent distribution..	100.0	64.3	35.7
Amount expended.....gallons..	10,114	2,490	7,624
.....dollars..	1,071	280	791
.....average per establishment reporting..dollars..	76	31	158
.....average per gallon..dollars..	0.11	0.11	0.10
.....percent distribution..	100.0	26.1	73.9
Gas for heating.....establishments reporting..	2	2	2
.....percent distribution..	100.0	100.0	100.0
Amount expended.....dollars..	1,154	1,154	1,154
.....average per establishment reporting..dollars..	577	577	577
.....percent distribution..	100.0	100.0	100.0
Advertising.....establishments reporting..	511	370	141
.....percent distribution..	100.0	72.4	27.6
Amount expended.....dollars..	551,225	164,304	386,921
.....average per establishment reporting..dollars..	1,079	444	2,744
.....percent of total sales..	5.2	6.0	4.9
.....percent distribution..	100.0	29.8	70.2

United States Summary Table 4.—STRUCTURES AND EQUIPMENT, APRIL 1, 1950, BY SIZE OF ESTABLISHMENT IN 1949

Item	Total	Establishments with value of crops at wholesale prices of—		Item	Total	Establishments with value of crops at wholesale prices of—	
		Less than \$10,000	\$10,000 and over			Less than \$10,000	\$10,000 and over
Value of land, structures, and equipment.....establishments reporting..	870	681	189	Frames.....establishments reporting..	41	26	15
.....percent distribution..	100.0	78.3	21.7	.....percent distribution..	100.0	63.4	36.6
Value.....dollars..	13,933,443	5,454,229	8,479,214	Area.....square feet..	620,449	43,459	576,990
.....average per establishment reporting..dollars..	16,015	8,009	44,864	.....percent distribution..	100.0	7.0	93.0
.....percent distribution..	100.0	39.1	60.9	Storage houses.....establishments reporting..	386	256	130
Greenhouses.....establishments reporting..	28	18	10	Area.....square feet..	1,881,909	522,285	1,359,624
.....percent distribution..	100.0	64.3	35.7	.....percent distribution..	100.0	27.8	72.2
Area.....square feet..	158,332	10,144	148,188	Refrigerated storage.....establishments reporting..	24	5	19
.....average per establishment reporting..square feet..	5,655	564	14,819	.....percent distribution..	100.0	20.8	79.2
.....percent distribution..	100.0	6.4	93.6	Capacity.....cubic feet..	206,308	4,788	201,520
				.....percent distribution..	100.0	2.3	97.7

BULB FARMS

United States Summary Table 5.—CROPS SOLD, BY SIZE OF ESTABLISHMENT: 1949

Item	Total	Establishments with a crop value of—	
		Less than \$10,000	\$10,000 and over
BULB CROPS SOLD			
Value at wholesale prices of all crops sold, total.....dollars..	9,236,989	2,291,674	6,945,315
percent distribution..	100.0	24.8	75.2
Amaryllis bulbs.....			
establishments reporting..	14	7	7
percent distribution..	100.0	50.0	50.0
number of bulbs..	510,780	384,217	126,563
Value.....dollars..	24,898	14,404	10,494
average per bulb..dollars..	0.05	0.04	0.08
percent of value of all crops..	0.3	0.6	0.2
average per establishment reporting..dollars..	1,778	2,058	1,499
percent distribution..	100.0	57.9	42.1
Anemone roots.....			
establishments reporting..	6	2	4
percent distribution..	100.0	33.3	66.7
number of roots..	2,989,175	755,000	2,234,175
Value.....dollars..	23,846	3,150	20,696
average per root..dollars..	0.01	(1)	0.01
percent of value of all crops..	0.3	0.1	0.3
average per establishment reporting..dollars..	3,974	1,575	5,174
percent distribution..	100.0	13.2	86.8
Caladium tubers.....			
establishments reporting..	10	5	5
percent distribution..	100.0	50.0	50.0
number of tubers..	1,217,343	254,150	963,193
Value.....dollars..	151,691	15,544	136,147
average per tuber..dollars..	0.12	0.06	0.14
percent of value of all crops..	1.6	0.7	2.0
average per establishment reporting..dollars..	15,169	3,109	27,229
percent distribution..	100.0	10.2	89.8
Calla Lily bulbs.....			
establishments reporting..	15	9	6
percent distribution..	100.0	60.0	40.0
number of bulbs..	324,076	93,776	230,300
Value.....dollars..	37,365	9,565	27,800
average per bulb..dollars..	0.12	0.10	0.12
percent of value of all crops..	0.4	0.4	0.4
average per establishment reporting..dollars..	2,491	1,063	4,633
percent distribution..	100.0	25.6	74.4
Canna roots.....			
establishments reporting..	18	11	7
percent distribution..	100.0	61.1	38.9
number of roots..	2,028,228	533,228	1,495,000
Value.....dollars..	65,337	24,587	40,750
average per root..dollars..	0.03	0.05	0.03
percent of value of all crops..	0.7	1.1	0.6
average per establishment reporting..dollars..	3,630	2,235	5,821
percent distribution..	100.0	37.6	62.4
Dahlia tubers.....			
establishments reporting..	77	58	19
percent distribution..	100.0	75.3	24.7
number of tubers..	4,610,408	1,672,162	2,938,246
Value.....dollars..	430,355	137,347	293,008
average per tuber..dollars..	0.09	0.08	0.10
percent of value of all crops..	4.7	6.0	4.2
average per establishment reporting..dollars..	5,589	2,368	15,421
percent distribution..	100.0	31.9	68.1
Freesia corms.....			
establishments reporting..	3	1	2
percent distribution..	100.0	33.3	66.7
number of corms..	2,091,733	1,000,000	1,091,733
Value.....dollars..	40,947	8,195	32,752
average per corm..dollars..	0.02	0.01	0.03
percent of value of all crops..	0.4	0.4	0.5
average per establishment reporting..dollars..	13,649	8,195	16,376
percent distribution..	100.0	20.0	80.0
Gladiola corms.....			
establishments reporting..	375	277	98
percent distribution..	100.0	73.9	26.1
number of corms..	218,397,922	59,377,597	159,020,325
Value.....dollars..	3,820,578	877,031	2,943,547
average per corm..dollars..	0.02	0.01	0.02
percent of value of all crops..	41.4	38.3	42.4
average per establishment reporting..dollars..	10,188	3,166	30,036
percent distribution..	100.0	23.0	77.0
Hyacinth bulbs.....			
establishments reporting..	15	7	8
percent distribution..	100.0	46.7	53.3
number of bulbs..	247,540	64,040	183,500
Value.....dollars..	17,775	4,729	13,046
average per bulb..dollars..	0.07	0.07	0.07
percent of value of all crops..	0.2	0.2	0.2
average per establishment reporting..dollars..	1,185	676	1,631
percent distribution..	100.0	26.6	73.4
Iris bulbs.....			
establishments reporting..	74	44	30
percent distribution..	100.0	59.5	40.5
number of bulbs..	20,735,862	4,199,762	16,536,100
Value.....dollars..	459,227	91,032	368,195
average per bulb..dollars..	0.02	0.02	0.02
percent of value of all crops..	5.0	4.0	5.3
average per establishment reporting..dollars..	6,206	2,069	12,273
percent distribution..	100.0	19.8	80.2

¹ Less than \$0.005.

HORTICULTURAL SPECIALTIES

United States Summary Table 5.—CROPS SOLD, BY SIZE OF ESTABLISHMENT: 1949—Continued

Item	Total	Establishments with a crop value of—	
		Less than \$10,000	\$10,000 and over
BULB CROPS SOLD—Continued			
Iris rhizomes.....	establishments reporting.. 57	31	26
	percent distribution.. 100.0	54.4	45.6
	number of rhizomes.. 7,853,790	1,053,341	6,800,449
Value.....	dollars.. 407,970	68,613 ¹	339,357
	average per rhizome.. 0.05	0.07	0.05
	percent of value of all crops.. 4.4	3.0	4.9
	average per establishment reporting..dollars.. 7,157	2,213	13,052
	percent distribution.. 100.0	16.8	83.2
Lily (longiflorum or Easter) bulbs.....	establishments reporting.. 209	183	26
	percent distribution.. 100.0	87.6	12.4
	number of bulbs.. 5,595,894	2,939,015	2,656,879
Value.....	dollars.. 1,007,541	552,310	455,231
	average per bulb..dollars.. 0.18	0.19	0.17
	percent of value of all crops.. 10.9	24.1	6.6
	average per establishment reporting..dollars.. 4,821	3,018	17,509
	percent distribution.. 100.0	54.8	45.2
Lily (other than Easter) bulbs.....	establishments reporting.. 48	37	11
	percent distribution.. 100.0	77.1	22.9
	number of bulbs.. 2,154,565	671,959	1,482,606
Value.....	dollars.. 187,946	86,844	101,102
	average per bulb..dollars.. 0.09	0.13	0.07
	percent of value of all crops.. 2.0	3.8	1.5
	average per establishment reporting..dollars.. 3,916	2,347	9,191
	percent distribution.. 100.0	46.2	53.8
Muscari bulbs.....	establishments reporting.. 11	4	7
	percent distribution.. 100.0	36.4	63.6
	number of bulbs.. 257,333	23,000	234,333
Value.....	dollars.. 2,986	306	2,680
	average per bulb..dollars.. 0.01	0.01	0.01
	percent of value of all crops.. (1)	(1)	(1)
	average per establishment reporting..dollars.. 271	76	383
	percent distribution.. 100.0	10.2	89.8
Narcissus (tender) bulbs.....	establishments reporting.. 28	18	10
	percent distribution.. 100.0	64.3	35.7
	number of bulbs.. 2,877,587	808,567	2,069,020
Value.....	dollars.. 139,060	37,442	101,618
	average per bulb..dollars.. 0.05	0.05	0.05
	percent of value of all crops.. 1.5	1.6	1.5
	average per establishment reporting..dollars.. 4,966	2,080	10,162
	percent distribution.. 100.0	26.9	73.1
Narcissus (hardy) bulbs.....	establishments reporting.. 128	85	43
	percent distribution.. 100.0	66.4	33.6
	number of bulbs.. 23,281,937	4,623,387	18,658,550
Value.....	dollars.. 1,230,677	204,485	1,026,192
	average per bulb..dollars.. 0.05	0.04	0.05
	percent of value of all crops.. 13.3	8.9	14.8
	average per establishment reporting..dollars.. 9,615	2,406	23,865
	percent distribution.. 100.0	16.6	83.4
Peony tubers.....	establishments reporting.. 53	32	21
	percent distribution.. 100.0	60.4	39.6
	number of tubers.. 2,262,468	323,688	1,938,780
Value.....	dollars.. 243,392	34,261	209,131
	average per tuber..dollars.. 0.11	0.11	0.11
	percent of value of all crops.. 2.6	1.5	3.0
	average per establishment reporting..dollars.. 4,592	1,071	9,959
	percent distribution.. 100.0	14.1	85.9
Ranunculus tubers.....	establishments reporting.. 7	3	4
	percent distribution.. 100.0	42.9	57.1
	number of tubers.. 6,929,900	308,900	6,621,000
Value.....	dollars.. 57,991	3,581	54,410
	average per tuber..dollars.. 0.01	0.01	0.01
	percent of value of all crops.. 0.6	0.2	0.8
	average per establishment reporting..dollars.. 8,284	1,194	13,602
	percent distribution.. 100.0	6.2	93.8
Tulip bulbs.....	establishments reporting.. 59	25	34
	percent distribution.. 100.0	42.4	57.6
	number of bulbs.. 12,346,880	1,508,180	10,838,700
Value.....	dollars.. 420,609	43,680	376,929
	average per bulb..dollars.. 0.03	0.03	0.03
	percent of value of all crops.. 4.6	1.9	5.4
	average per establishment reporting..dollars.. 7,129	1,747	11,086
	percent distribution.. 100.0	10.4	89.6
All other bulbs, corms, etc.....	establishments reporting.. 54	36	18
	percent distribution.. 100.0	66.7	33.3
	dollars.. 466,798	74,568	392,230
	percent of value of all crops.. 5.1	3.3	5.6
	average per establishment reporting..dollars.. 8,644	2,071	21,791
	percent distribution.. 100.0	16.0	84.0

¹ Less than 0.05 percent.

United States Summary Table 6.—NUMBER OF ESTABLISHMENTS, BY TYPE OF ORGANIZATION, APRIL 1, 1950, BY SIZE OF ESTABLISHMENT IN 1949

Item	Total	Establishments with value of crops at wholesale prices of—	
		Less than \$10,000	\$10,000 and over
All establishments, total..... number..	870	681	189
..... percent distribution..	100.0	78.3	21.7
Establishments operated by—			
Individuals..... number..	653	542	111
..... percent of all establishments..	75.1	79.6	58.7
..... percent distribution..	100.0	83.0	17.0
Partnerships..... number..	188	131	57
..... percent of all establishments..	21.6	19.2	30.2
..... percent distribution..	100.0	69.7	30.3
Corporations..... number..	29	8	21
..... percent of all establishments..	3.3	1.2	11.1
..... percent distribution..	100.0	27.6	72.4

United States Summary Table 7.—NUMBER OF ESTABLISHMENTS AND VALUE OF CROPS AT WHOLESALE PRICES, BY SIZE OF ESTABLISHMENT: 1949

Size (Value of crops)	Number of establishments		Value of crops at wholesale prices	
	Total	Percent distribution	Thousands of dollars	Percent distribution
Total.....	870	100.0	9,237	100.0
Establishments with a crop value of—				
Less than \$10,000.....	681	78.3	2,292	24.8
\$10,000 to \$24,999.....	107	12.3	1,601	17.3
\$25,000 to \$49,999.....	45	5.2	1,524	16.5
\$50,000 to \$99,999.....	24	2.8	1,520	16.5
\$100,000 to \$249,999.....	11	1.3	1,561	16.9
\$250,000 and over.....	2	0.2	739	8.0

United States Summary Table 8.—RANK AND PERCENT DISTRIBUTION OF 10 LEADING STATES ACCORDING TO VALUE OF CROPS AT WHOLESALE PRICES: 1949

Rank	State	Percent distribution	Rank	State	Percent distribution
	VALUE OF CROPS AT WHOLESALE PRICES			VALUE OF CROPS AT WHOLESALE PRICES—Continued	
	United States.....	100.0	5	New York.....	11.8
	10 leading States.....	89.3	6	Illinois.....	4.3
1	Oregon.....	21.8	7	Florida.....	2.3
2	Washington.....	15.4	8	North Carolina.....	2.3
3	Michigan.....	15.0	9	Iowa.....	2.2
4	California.....	12.5	10	Ohio.....	1.7
				All other States.....	10.7

United States Summary Table 9.—PERCENT OF UNITED STATES VALUE OF CROPS REPRESENTED BY WHOLESALE VALUE OF ALL CROPS SOLD IN THE 25 LEADING COUNTIES AND IN THE STATES CONTAINING THE 25 LEADING COUNTIES: 1949

State	Number of leading counties in the State	Percent of United States value represented by wholesale value of all crops sold—		Rank of State according to wholesale value of all crops sold
		In the leading counties	In the State	
Total.....	25	67.5	83.1	xxxxxxxxxxxxxxxxxxxx
Oregon.....	7	20.1	21.8	1
California.....	6	11.8	12.5	4
Michigan.....	5	12.7	15.0	3
Washington.....	3	12.3	15.4	2
New York.....	2	5.5	11.8	5
Florida.....	1	1.3	2.3	7
Illinois.....	1	3.8	4.3	6

United States Summary Table 10.—RELATIONSHIP OF NUMBER OF ESTABLISHMENTS, TOTAL SALES, AND CROP VALUE TO ALL HORTICULTURAL-SPECIALTY ESTABLISHMENTS: 1950

Item	Number of establishments	Total sales	Value of crops at wholesale prices
All horticultural-specialty establishments.....	18,000	\$467,346,986	\$300,637,657
Bulb farms.....	870	\$10,690,965	\$9,236,989
Percent of total.....	4.8	2.3	3.1

State Summary Table 1.—SALES AND VALUE OF CROPS AT

State	Total sales					All wholesale sales									
	Estab-lish-ments report-ing	Percent distri-bution	Dollars	Average per estab-lishment (dollars)	Percent distri-bution	Total					To wholesale establishments				
						Estab-lish-ments report-ing	Dollars	Average per estab-lishment report-ing (dollars)	Percent of total sales	Percent distri-bution	Estab-lish-ments report-ing	Dollars	Average per estab-lishment report-ing (dollars)	Percent of all whole-sale sales	Percent distri-bution
United States..	870	100.0	10,690,965	12,288	100.0	795	8,461,432	10,643	79.1	100.0	549	4,319,185	7,867	51.0	100.0
California.....	109	12.5	1,287,288	11,626	11.9	105	1,091,071	10,391	86.1	12.9	74	696,651	9,414	63.8	16.1
Florida.....	20	2.3	223,236	11,162	2.1	19	207,346	10,913	92.9	2.4	9	35,453	3,939	17.1	0.8
Illinois.....	76	8.7	407,539	5,362	3.8	72	387,177	5,377	95.0	4.6	60	330,953	5,516	85.5	7.7
Indiana.....	22	2.5	152,126	6,915	1.4	21	90,773	4,323	99.7	1.1	4	11,972	2,993	13.2	0.3
Iowa.....	9	1.0	585,942	65,105	5.5	5	65,557	13,111	11.2	0.8	2	2,691	1,346	4.1	0.1
Michigan.....	97	11.1	1,625,173	16,754	15.2	91	1,315,899	14,460	81.0	15.6	55	628,744	11,432	47.8	14.6
Minnesota.....	10	1.1	181,627	18,163	1.7	6	100,824	16,804	55.5	1.2	.....	.....	.....	.....	.....
New York.....	39	4.5	1,222,853	31,351	11.4	35	1,059,471	30,271	86.6	12.5	9	97,988	10,888	9.2	2.3
North Carolina....	9	1.0	209,012	23,224	2.0	9	209,012	23,224	100.0	2.5	2	39,000	19,500	18.7	0.9
Ohio.....	15	1.7	231,377	15,425	2.2	10	71,277	7,128	30.8	0.8	3	33,000	11,000	46.3	0.5
Oregon.....	257	29.5	2,148,269	8,359	20.1	249	1,914,288	7,688	89.1	22.6	222	1,303,435	5,871	68.1	30.2
Washington.....	93	10.7	1,519,361	16,337	14.2	90	1,395,340	15,504	91.8	16.5	79	948,277	12,004	68.0	22.0
All other States..	114	13.1	917,162	8,045	8.6	83	553,397	6,667	60.3	6.5	30	191,021	6,367	34.5	4.4

State Summary Table 2.—SALES AND VALUE OF CROPS AT WHOLESALE PRICES,

State	Total sales							All wholesale sales									
	Estab-lish-ments report-ing	Percent of total number for all estab-lish-ments	Percent distri-bution	Dollars	Percent of total sales for all estab-lish-ments	Average per estab-lishment (dol-lars)	Percent distri-bution	Total				To wholesale establishments					
								Estab-lish-ments report-ing	Dollars	Average per estab-lishment report-ing (dol-lars)	Percent of total sales	Percent distri-bution	Estab-lish-ments report-ing	Dollars	Average per estab-lishment report-ing (dol-lars)	Percent of all whole-sale sales	Percent distri-bution
United States..	681	78.3	100.0	2,756,094	25.8	4,047	100.0	615	2,041,551	3,320	74.1	100.0	435	1,458,052	3,352	71.4	100.0
California.....	86	78.9	12.6	394,778	31.2	4,590	14.3	82	273,202	3,332	69.2	13.4	57	194,672	3,415	71.3	13.4
Florida.....	16	80.0	2.3	66,889	30.0	4,181	2.4	15	50,999	3,400	76.2	2.5	9	35,453	3,939	69.5	2.4
Illinois.....	65	85.5	9.5	246,842	60.5	3,793	8.9	61	232,033	3,804	94.1	11.4	49	185,809	3,792	80.1	12.7
Indiana.....	19	86.4	2.8	66,310	43.6	3,490	2.4	19	64,773	3,409	97.7	3.2	4	11,972	2,993	18.5	0.8
Iowa.....	7	77.8	1.0	35,942	6.1	5,135	1.3	4	15,557	3,889	43.3	0.8	2	2,691	1,346	17.3	0.2
Michigan.....	73	75.3	10.7	413,478	25.4	5,664	15.0	67	229,091	3,419	55.4	11.2	40	148,457	3,711	64.8	10.2
Minnesota.....	7	70.0	1.0	33,984	18.7	4,855	1.2	4	10,824	2,706	31.8	0.5	.....	.....	.....	.....	.....
New York.....	26	66.7	3.8	103,078	8.4	3,965	3.7	22	83,194	3,782	80.7	4.1	6	19,789	3,298	23.8	1.4
North Carolina....	3	33.3	0.4	11,431	5.5	3,810	0.4	3	11,431	3,810	100.0	0.6	.....	.....	.....	.....	.....
Ohio.....	11	73.3	1.6	56,844	24.6	5,168	2.1	7	28,277	4,040	49.7	1.4	1	1,000	1,000	3.5	0.1
Oregon.....	209	81.3	30.7	718,550	33.4	3,438	26.1	203	672,680	3,314	93.6	32.9	188	622,505	3,311	92.5	42.7
Washington.....	65	69.9	9.5	262,355	17.3	4,036	9.5	62	191,454	3,088	73.0	9.4	56	174,911	3,123	91.4	12.0
All other States..	94	82.5	13.8	345,913	37.7	3,680	12.6	66	178,036	2,698	51.5	8.7	23	60,793	2,643	34.1	4.2

State Summary Table 3.—SALES AND VALUE OF CROPS AT WHOLESALE PRICES,

State	Total sales							All wholesale sales									
	Estab-lish-ments report-ing	Percent of total number for all estab-lish-ments	Percent distri-bution	Dollars	Percent of total sales for all estab-lish-ments	Average per estab-lishment (dol-lars)	Percent distri-bution	Total				To wholesale establishments					
								Estab-lish-ments report-ing	Dollars	Average per estab-lishment report-ing (dollars)	Percent of total sales	Percent distri-bution	Estab-lish-ments report-ing	Dollars	Average per estab-lishment report-ing (dol-lars)	Percent of all whole-sale sales	Percent distri-bution
United States..	189	21.7	100.0	7,934,871	74.2	41,983	100.0	180	6,419,881	35,666	80.9	100.0	114	2,861,133	25,098	44.6	100.0
California.....	23	21.1	12.2	872,510	68.8	37,935	11.0	23	817,869	35,560	93.7	12.7	17	501,979	29,528	61.4	17.5
Florida.....	4	20.0	2.1	156,347	70.0	39,087	2.0	4	156,347	39,087	100.0	2.4	.....	.....	.....	.....	.....
Illinois.....	11	14.5	5.8	160,997	39.5	14,636	2.0	11	155,144	14,104	96.4	2.4	11	145,144	13,195	93.6	5.1
Indiana.....	3	13.6	1.6	85,816	56.4	28,605	1.1	2	26,000	13,000	30.3	0.4	.....	.....	.....	.....	.....
Iowa.....	2	22.2	1.1	550,000	93.9	275,000	6.9	1	50,000	50,000	9.1	0.8	.....	.....	.....	.....	.....
Michigan.....	24	24.7	12.7	1,211,695	74.6	50,487	15.3	24	1,086,808	45,284	89.7	16.9	15	480,287	32,019	44.2	16.8
Minnesota.....	3	30.0	1.6	147,643	81.3	49,214	1.9	2	90,000	45,000	61.0	1.4	.....	.....	.....	.....	.....
New York.....	13	33.3	6.9	1,119,775	91.6	86,137	14.1	13	976,277	75,098	87.2	15.2	2	78,199	26,066	8.0	2.7
North Carolina....	6	66.7	3.2	197,581	94.5	32,930	2.5	6	197,581	32,930	100.0	3.1	3	39,000	19,500	19.7	1.4
Ohio.....	4	26.7	2.1	174,533	75.4	43,633	2.2	3	43,000	14,333	24.6	0.7	2	32,000	16,000	74.4	1.1
Oregon.....	48	18.7	25.4	1,429,719	66.6	29,786	18.0	46	1,241,608	26,991	86.8	19.3	34	680,930	20,027	54.8	23.8
Washington.....	28	30.1	14.8	1,257,006	82.7	44,893	15.8	28	1,203,886	42,996	95.8	18.8	23	773,366	33,625	64.2	27.0
All other States..	20	17.5	10.6	571,249	62.3	28,562	7.2	17	375,361	22,080	65.7	5.8	7	130,228	18,604	34.7	4.6

WHOLESALE PRICES, FOR ALL ESTABLISHMENTS: 1949

All wholesale sales—Continued					All retail sales					Value of crops at wholesale prices				
To retail and other establishments														
Estab- lish- ments report- ing	Dollars	Average per estab- lishment reporting (dollars)	Percent of all whole- sale sales	Percent distrib- ution	Estab- lish- ments report- ing	Dollars	Average per estab- lishment reporting (dollars)	Percent of total sales	Percent distrib- ution	Estab- lish- ments report- ing	Dollars	Average per estab- lishment reporting (dollars)	Percent of total sales	Percent distrib- ution
309	4,142,247	13,405	49.0	100.0	186	2,229,533	11,987	20.9	100.0	870	9,236,989	10,617	86.4	100.0
44	394,420	8,964	36.1	9.5	18	176,217	9,790	13.9	7.9	109	1,150,556	10,556	90.8	12.5
10	171,893	17,189	82.9	4.1	3	15,890	5,297	7.1	0.7	20	214,619	10,731	96.1	2.3
13	56,224	4,325	14.5	1.4	6	20,362	3,394	5.0	0.9	76	396,055	5,211	97.2	4.3
20	78,801	3,940	86.8	1.9	4	61,353	15,338	40.3	2.8	22	121,223	5,510	79.7	1.3
4	62,866	15,716	95.9	1.5	4	520,385	130,096	88.8	23.3	9	205,857	22,873	35.1	2.2
46	687,155	14,938	52.2	16.6	25	309,274	12,371	19.0	13.9	97	1,383,263	14,260	85.1	15.0
6	100,824	16,804	100.0	2.4	7	80,803	11,543	44.5	3.6	10	146,424	14,642	80.6	1.6
31	961,483	31,016	90.8	23.2	14	163,382	11,670	13.4	7.3	39	1,089,004	27,923	89.1	11.8
8	170,012	21,252	81.3	4.1	.....	.....	.....	.....	.....	9	209,012	23,224	100.0	2.3
9	38,277	4,253	53.7	0.9	12	160,100	13,342	69.2	7.2	15	161,225	10,748	69.7	1.7
40	610,853	15,271	31.9	14.7	23	233,981	10,173	10.9	10.5	297	2,010,205	7,822	93.6	21.8
17	447,063	26,298	32.0	10.8	15	124,021	8,268	8.2	5.6	93	1,420,337	15,272	93.5	15.4
61	362,376	5,941	65.5	8.7	55	363,765	6,614	39.7	16.3	114	729,209	6,397	79.5	7.9

FOR ESTABLISHMENTS WITH A CROP VALUE OF LESS THAN \$10,000: 1949

All wholesale sales—Continued					All retail sales					Value of crops at wholesale prices				
To retail and other establishments														
Estab- lish- ments report- ing	Dollars	Average per estab- lishment reporting (dol- lars)	Percent of all whole- sale sales	Percent distrib- ution	Estab- lish- ments report- ing	Dollars	Average per estab- lishment reporting (dol- lars)	Percent of total sales	Percent distrib- ution	Estab- lish- ments report- ing	Dollars	Average per estab- lishment reporting (dol- lars)	Percent of total sales	Percent distrib- ution
220	583,499	2,652	28.6	100.0	150	714,543	4,764	25.9	100.0	681	2,291,674	3,365	83.1	100.0
34	78,530	2,310	28.7	13.5	16	121,576	7,598	30.8	17.0	86	311,887	3,627	79.0	13.6
6	15,546	2,591	30.5	2.7	3	15,890	5,297	23.8	2.2	16	58,272	3,642	87.1	2.5
12	46,224	3,852	19.9	7.9	5	14,509	2,902	5.9	2.0	65	238,058	3,662	96.6	10.4
18	52,801	2,933	81.5	9.0	3	1,537	512	2.3	0.2	19	65,223	3,433	98.4	2.8
3	12,866	4,289	82.7	2.2	30	20,385	6,795	56.7	2.9	7	25,657	3,665	71.4	1.1
33	80,634	2,443	35.2	13.8	2	184,387	9,219	44.6	25.8	73	270,116	3,700	65.3	11.8
4	10,824	2,706	100.0	1.9	5	23,160	4,632	68.1	3.2	7	21,924	3,132	64.5	1.0
19	63,405	3,327	76.2	10.9	11	19,884	1,808	19.3	2.8	26	93,373	3,591	90.6	4.1
3	11,431	3,810	100.0	2.0	.....	.....	.....	.....	.....	3	11,431	3,810	100.0	0.5
7	27,277	3,897	96.4	4.7	9	28,567	3,174	50.3	4.0	11	41,225	3,748	72.5	1.8
23	50,175	2,182	7.5	8.6	17	45,870	2,698	6.4	6.4	209	696,220	3,332	96.9	30.4
10	16,543	1,654	8.6	2.8	12	70,901	5,908	27.0	9.9	65	201,107	3,094	76.7	8.8
48	117,243	2,443	65.9	20.1	46	167,877	3,649	48.5	23.5	94	257,181	2,736	74.3	11.2

FOR ESTABLISHMENTS WITH A CROP VALUE OF \$10,000 AND OVER: 1949

All wholesale sales—Continued					All retail sales					Value of crops at wholesale prices				
To retail and other establishments														
Estab- lish- ments report- ing	Dollars	Average per estab- lishment reporting (dol- lars)	Percent of all whole- sale sales	Percent distrib- ution	Estab- lish- ments report- ing	Dollars	Average per estab- lishment reporting (dol- lars)	Percent of total sales	Percent distrib- ution	Estab- lish- ments report- ing	Dollars	Average per estab- lishment reporting (dol- lars)	Percent of total sales	Percent distrib- ution
89	3,558,748	39,986	55.4	100.0	36	1,514,990	42,083	19.1	100.0	189	6,945,315	36,748	87.5	100.0
10	315,890	31,589	38.6	8.9	2	54,641	27,320	6.3	3.6	23	838,669	36,464	96.1	12.1
4	156,347	39,087	100.0	4.4	.....	.....	.....	.....	.....	4	156,347	39,087	100.0	2.3
1	10,000	10,000	6.4	0.3	1	5,853	5,853	3.6	0.4	11	157,997	14,363	98.1	2.3
2	26,000	13,000	100.0	0.7	1	59,816	59,816	69.7	3.9	3	56,000	18,667	65.3	0.8
1	50,000	50,000	100.0	1.4	1	500,000	500,000	90.9	33.0	2	180,200	90,100	32.8	2.6
13	606,521	46,655	55.8	17.0	5	124,887	24,977	10.3	8.2	24	1,113,147	46,381	91.9	16.0
2	90,000	45,000	100.0	2.5	2	57,643	28,822	39.0	3.8	3	124,500	41,500	84.3	1.8
12	898,078	74,840	92.0	25.2	3	143,498	47,833	12.8	9.5	13	995,631	76,587	88.9	14.3
5	158,581	31,716	80.3	4.5	.....	.....	.....	.....	.....	6	197,561	32,930	100.0	2.8
2	11,000	5,500	25.6	0.3	3	133,533	43,844	75.4	8.7	4	120,000	30,000	68.8	1.7
17	560,678	32,981	45.2	15.8	6	188,111	31,352	13.2	12.4	48	1,315,955	27,375	93.9	18.9
7	430,520	61,503	35.8	12.1	3	53,120	17,707	4.2	3.5	28	1,219,290	43,544	97.0	17.6
13	245,133	18,856	65.3	6.9	9	195,888	21,765	34.3	12.9	20	472,028	23,601	82.6	6.8

HORTICULTURAL SPECIALTIES

State Summary Table 4.—EMPLOYMENT, FOR ALL ESTABLISHMENTS: 1949

State	Total employment			Proprietors of unincorporated establishments			Unpaid family workers			Paid officers of corporations		All other paid employees (for pay period March 15, 1949)					
	Establishments reporting	Persons	Average per establishment (persons)	Establishments reporting	Persons	Percent of total employment	Establishments reporting	Persons	Percent of total employment	Establishments reporting	Persons	Establishments reporting	Persons	Percent of total employment	In year-round positions		
															Establishments reporting	Persons	Percent of all other paid employees
United States..	870	5,121	5.89	803	888	17.3	323	503	9.8	25	50	511	3,680	71.9	234	805	21.9
California.....	109	667	6.12	104	114	17.1	33	54	8.1	2	2	64	497	74.5	30	114	22.9
Florida.....	20	105	5.25	11	11	10.5	13	16	15.2	.....	.....	18	78	74.3	9	36	46.2
Illinois.....	76	195	2.57	75	79	40.5	21	26	13.3	1	1	44	89	45.6	23	31	34.8
Indiana.....	22	73	3.32	19	20	27.4	7	7	9.6	1	2	14	44	60.3	4	8	18.2
Iowa.....	9	162	18.00	7	7	4.3	3	3	1.9	2	6	8	146	90.1	3	74	50.7
Michigan.....	97	691	7.12	92	105	15.2	36	68	9.8	5	14	65	504	72.9	35	150	29.8
Minnesota.....	10	41	4.10	7	7	17.1	3	3	7.3	.....	.....	7	31	75.6	4	15	48.4
New York.....	39	215	5.51	32	34	15.8	12	13	6.0	4	5	26	163	75.8	17	94	57.7
North Carolina...	9	116	12.89	8	10	8.6	4	12	10.3	1	3	8	91	78.4	7	14	15.4
Ohio.....	15	55	3.67	12	14	25.5	6	6	10.9	.....	.....	10	35	63.6	7	28	80.0
Oregon.....	257	1,542	6.00	247	282	18.3	109	191	12.4	1	2	118	1,067	69.2	31	76	7.1
Washington.....	93	667	7.17	83	90	13.5	36	43	6.4	3	8	55	526	78.9	26	85	16.2
All other States..	114	592	5.19	106	115	19.4	40	61	10.3	5	7	74	409	69.1	38	80	19.6

State Summary Table 5.—EMPLOYMENT, FOR ESTABLISHMENTS WITH A CROP VALUE OF LESS THAN \$10,000: 1949

State	Total employment				Proprietors of unincorporated establishments			Unpaid family workers			Paid officers of corporations		All other paid employees (for pay period March 15, 1949)						
	Establishments reporting	Persons	Percent of total employment for all establishments	Average per establishment (persons)	Establishments reporting	Persons	Percent of total employment	Establishments reporting	Persons	Percent of total employment	Establishments reporting	Persons	Establishments reporting	Persons	Percent of total employment	In year-round positions			
																Establishments reporting	Persons	Percent of all other paid employees	
United States..	681	2,462	48.1	3.62	646	690	28.0	279	402	16.3	5	9	332	1,361	55.3	85	139	10.2	
California.....	86	324	48.6	3.77	83	89	27.5	29	50	15.4	.....	.....	42	185	57.1	11	24	13.0
Florida.....	16	52	49.5	3.25	10	10	19.2	10	13	25.0	.....	.....	14	29	55.8	5	8	27.6
Illinois.....	65	144	73.8	2.22	65	67	46.5	16	18	12.5	.....	.....	33	59	41.0	13	15	25.4
Indiana.....	19	50	68.5	2.63	17	18	36.0	7	7	14.0	.....	.....	11	25	50.0	2	2	8.0
Iowa.....	7	42	25.9	6.00	7	7	16.7	3	3	7.1	.....	.....	6	32	76.2	1	1	3.1
Michigan.....	73	394	57.0	5.40	71	77	19.5	30	58	14.7	.....	2	5	42	64.5	13	40	15.7
Minnesota.....	7	18	43.9	2.57	4	4	22.2	3	3	16.7	.....	.....	4	11	61.1	1	3	27.3
New York.....	26	66	30.7	2.54	23	23	34.8	11	12	18.2	.....	.....	13	31	47.0	4	4	12.9
North Carolina...	3	11	9.5	3.67	3	4	36.4	1	2	18.2	.....	.....	2	5	45.5	1	1	20.0
Ohio.....	11	24	43.6	2.18	9	10	41.7	5	5	20.8	.....	.....	6	9	37.5	3	3	33.3
Oregon.....	209	750	48.6	3.59	203	219	29.2	97	142	18.9	.....	.....	74	389	51.9	5	5	1.3
Washington.....	65	255	38.2	3.92	61	64	25.1	33	40	15.7	.....	.....	30	151	59.2	6	7	4.6
All other States..	94	332	56.1	3.53	90	98	29.5	34	49	14.8	3	4	55	181	54.5	20	26	14.4

State Summary Table 6.—EMPLOYMENT, FOR ESTABLISHMENTS WITH A CROP VALUE OF \$10,000 AND OVER: 1949

State	Total employment				Proprietors of unincorporated establishments			Unpaid family workers			Paid officers of corporations		All other paid employees (for pay period March 15, 1949)							
	Establishments reporting	Persons	Percent of total employment for all establishments	Average per establishment (persons)	Establishments reporting	Persons	Percent of total employment	Establishments reporting	Persons	Percent of total employment	Establishments reporting	Persons	Establishments reporting	Persons	Percent of total employment	In year-round positions				
																Establishments reporting	Persons	Percent of all other paid employees		
United States..	189	2,659	51.9	14.07	157	198	7.4	44	101	3.8	20	41	179	2,319	87.2	149	666	28.7		
California.....	23	343	51.4	14.91	21	25	7.3	4	4	1.2	2	2	22	312	91.0	19	90	28.8		
Florida.....	4	53	50.5	13.25	1	1	1.9	3	3	5.7	.....	.....	4	49	92.5	4	28	57.1
Illinois.....	11	51	26.2	4.64	10	12	23.5	5	8	15.7	1	11	30	58.8	10	16	53.3	
Indiana.....	3	23	31.5	7.67	2	2	8.7	1	2	19	82.6	2	6	31.6	
Iowa.....	2	120	74.1	60.00	2	6	2	114	95.0	2	73	64.0
Michigan.....	24	297	43.0	12.38	21	28	9.4	6	10	3.4	3	23	250	84.2	22	110	44.0	
Minnesota.....	3	23	56.1	7.67	3	3	13.0	.....	.....	.....	.....	.....	3	20	87.0	3	12	60.0
New York.....	13	149	69.3	11.46	9	11	7.4	1	1	0.7	5	13	132	88.6	13	90	68.2	
North Carolina...	6	105	90.5	17.50	5	6	5.7	3	10	9.5	1	3	6	86	81.9	6	13	15.1		
Ohio.....	4	31	36.4	7.75	3	4	12.9	1	1	3.2	.....	.....	4	26	83.9	4	25	96.2
Oregon.....	48	792	51.4	16.50	44	63	8.0	12	49	6.2	1	2	44	678	85.6	26	71	10.5		
Washington.....	28	412	61.8	14.71	22	26	6.3	3	3	0.7	3	8	375	91.0	20	78	20.8	
All other States..	20	260	43.9	13.00	16	17	6.5	6	12	4.6	3	19	228	87.7	18	54	23.7	

BULB FARMS

State Summary Table 7.—SPECIFIED EXPENDITURES, FOR ALL ESTABLISHMENTS: 1949

State	Total of specified expenditures			Wages and salaries paid											
	Estab-lishments reporting	Dollars	Average per estab-lishment (dollars)	Officers of corporations			All other paid employees			Year-round employees			Part-time or seasonal employees		
				Estab-lishments reporting	Dollars	Average per estab-lishment reporting (dollars)	Estab-lishments reporting	Dollars	Average per estab-lishment reporting (dollars)	Estab-lishments reporting	Dollars	Average per estab-lishment reporting (dollars)	Estab-lishments reporting	Dollars	Average per estab-lishment reporting (dollars)
United States..	870	5,083,733	5,843	25	247,421	9,897	715	3,105,066	4,343	234	1,492,163	6,377	675	1,612,903	2,389
California.....	109	577,975	5,303	2	8,513	4,256	93	403,263	4,336	30	214,983	7,166	91	188,280	2,069
Florida.....	20	105,513	5,276	.....	.....	.....	19	75,947	3,997	9	43,134	4,793	16	32,813	2,051
Illinois.....	76	168,276	2,214	1	2,919	2,919	54	110,610	2,048	23	66,690	2,900	42	43,920	1,046
Indiana.....	22	67,429	3,065	1	2,940	2,940	16	37,512	2,344	4	11,344	2,836	15	26,168	1,745
Iowa.....	9	304,398	33,822	2	30,220	15,110	9	151,508	16,834	3	93,151	31,050	9	58,357	6,484
Michigan.....	97	1,014,198	10,456	5	89,728	17,946	80	490,119	6,126	35	299,337	8,552	73	190,782	2,613
Minnesota.....	10	71,055	7,106	.....	.....	.....	9	46,249	5,139	4	25,700	6,425	9	20,549	2,283
New York.....	39	602,871	15,458	4	32,914	8,228	33	365,589	11,078	17	200,244	11,779	32	165,345	5,167
North Carolina....	9	71,054	7,895	1	3,000	3,000	9	39,752	4,417	7	24,463	3,495	9	15,289	1,699
Ohio.....	15	134,262	8,951	.....	.....	.....	12	49,618	4,135	7	34,422	4,917	9	15,196	1,688
Oregon.....	257	856,751	3,334	1	21,000	21,000	219	597,897	2,730	31	158,703	5,119	217	439,194	2,024
Washington.....	93	709,953	7,634	3	35,000	11,667	73	486,847	6,669	26	191,850	7,379	71	294,997	4,155
All other States..	114	399,998	3,509	5	21,187	4,237	89	250,155	2,811	38	128,142	3,372	82	122,013	1,488

State	Manure and fertilizer			Insecticides and fungicides			Seeds, plants, and bulbs for planting			Coal			
	Estab-lishments reporting	Dollars	Average per estab-lishment reporting (dollars)	Estab-lishments reporting	Dollars	Average per estab-lishment reporting (dollars)	Estab-lishments reporting	Dollars	Average per estab-lishment reporting (dollars)	Estab-lishments reporting	Tons	Dollars	Average per estab-lishment reporting (dollars)
United States..	804	261,811	326	748	70,316	94	673	842,025	1,251	12	333	3,644	304
California.....	101	50,492	500	94	15,452	164	78	53,638	688	.....	.....	.....	.....
Florida.....	19	9,372	493	18	2,253	125	8	4,976	622	.....	.....	.....	.....
Illinois.....	73	13,655	187	68	2,749	40	71	33,990	479	.....	.....	.....	.....
Indiana.....	21	2,462	117	18	819	46	19	9,769	514	2	18	262	131
Iowa.....	7	2,613	373	7	1,113	159	9	16,546	1,838	.....	.....	.....	.....
Michigan.....	94	30,596	325	89	6,072	68	91	290,966	3,197	4	37	613	153
Minnesota.....	9	1,579	175	9	576	64	10	6,626	663	.....	.....	.....	.....
New York.....	38	36,214	953	33	6,207	188	36	89,005	2,472	3	13	212	71
North Carolina....	9	5,288	588	8	918	115	7	18,840	2,691	.....	.....	.....	.....
Ohio.....	15	3,532	235	14	1,268	91	13	31,581	2,429	2	260	2,500	1,250
Oregon.....	234	54,567	233	218	16,883	77	171	100,554	588	.....	.....	.....	.....
Washington.....	82	33,002	402	73	10,083	138	62	128,350	2,070	.....	.....	.....	.....
All other States..	102	18,439	181	99	5,923	60	98	57,184	584	1	5	57	57

State	Fuel oil				Gas for heating			Advertising		
	Estab-lishments reporting	Gallons	Dollars	Average per estab-lishment reporting (dollars)	Estab-lishments reporting	Dollars	Average per estab-lishment reporting (dollars)	Estab-lishments reporting	Dollars	Average per estab-lishment reporting (dollars)
United States..	14	10,114	1,071	76	2	1,154	577	511	551,225	1,079
California.....	5	1,871	185	37	2	1,154	577	54	45,278	838
Florida.....	1	105	15	15	.....	.....	.....	9	12,950	1,439
Illinois.....	.....	.....	.....	.....	.....	.....	.....	64	4,353	68
Indiana.....	.....	.....	.....	.....	.....	.....	.....	19	13,665	719
Iowa.....	.....	.....	.....	.....	.....	.....	.....	9	102,398	11,378
Michigan.....	.....	.....	.....	.....	.....	.....	.....	78	106,104	1,360
Minnesota.....	.....	.....	.....	.....	.....	.....	.....	10	16,025	1,602
New York.....	.....	.....	.....	.....	.....	.....	.....	35	72,590	2,074
North Carolina....	2	1,300	140	70	.....	.....	.....	8	3,256	407
Ohio.....	.....	.....	.....	.....	.....	.....	.....	15	45,763	3,051
Oregon.....	4	6,338	665	166	.....	.....	.....	85	65,185	767
Washington.....	2	500	66	33	.....	.....	.....	29	16,605	573
All other States..	.....	.....	.....	.....	.....	.....	.....	96	47,053	490

HORTICULTURAL SPECIALTIES

State Summary Table 8.—SPECIFIED EXPENDITURES, FOR ESTABLISHMENTS WITH A CROP VALUE OF LESS THAN \$10,000: 1949

State	Total of specified expenditures				Wages and salaries paid											
	Establishments reporting	Dollars	Percent of total expenditures for all establishments	Average per establishment (dollars)	Officers of corporations			All other paid employees			Year-round employees			Part-time or seasonal employees		
					Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)
United States..	681	1,127,633	22.2	1,656	5	35,115	7,023	527	641,120	1,217	85	222,797	2,621	498	418,323	840
California.....	86	166,441	28.8	1,935	.....	.....	.....	70	97,788	1,397	11	41,264	3,751	68	56,524	831
Florida.....	16	32,617	30.9	2,039	.....	.....	.....	15	20,223	1,348	5	8,300	1,660	13	11,923	917
Illinois.....	65	99,293	59.0	1,528	.....	.....	.....	43	58,268	1,355	13	30,630	2,356	35	27,638	790
Indiana.....	19	22,207	32.9	1,169	.....	.....	.....	13	12,072	929	2	2,280	1,140	12	9,792	81.6
Iowa.....	7	14,182	4.7	2,026	.....	.....	.....	7	7,698	1,100	1	2,351	2,351	7	5,347	764
Michigan.....	73	278,931	27.5	3,821	2	31,128	15,564	56	134,761	2,406	13	66,579	5,121	52	68,182	1,311
Minnesota.....	7	14,526	20.4	2,075	.....	.....	.....	6	10,249	1,708	1	4,800	4,800	6	5,449	908
New York.....	26	39,226	6.5	1,509	.....	.....	.....	20	23,287	1,164	4	6,896	1,724	19	16,391	863
North Carolina....	3	6,381	9.0	2,127	.....	.....	.....	3	4,110	1,370	1	1,430	1,430	3	2,680	893
Ohio.....	11	29,345	21.9	2,668	.....	.....	.....	8	12,173	1,522	3	5,158	1,719	7	7,015	1,002
Oregon.....	209	203,854	23.8	975	.....	.....	.....	172	130,131	757	5	7,292	1,458	170	122,839	723
Washington.....	65	90,270	12.7	1,389	.....	.....	.....	45	52,782	1,173	6	10,829	1,805	43	41,953	976
All other States..	94	130,360	32.6	1,387	3	3,987	1,329	69	77,578	1,124	20	34,988	1,749	63	42,590	676

State	Manure and fertilizer			Insecticides and fungicides			Seeds, plants, and bulbs for planting			Coal			
	Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Tons	Dollars	Average per establishment reporting (dollars)
United States..	630	87,938	140	580	24,782	43	520	173,170	333	9	64	924	103
California.....	79	14,675	186	74	6,847	93	61	14,761	242	.....	.....	.....	.....
Florida.....	15	4,912	327	14	1,195	85	7	4,726	675	.....	.....	.....	.....
Illinois.....	62	9,792	158	57	1,795	31	60	26,587	443	.....	.....	.....	.....
Indiana.....	18	1,525	85	15	305	20	17	6,509	383	2	18	262	131
Iowa.....	5	367	73	5	103	21	7	2,796	399	.....	.....	.....	.....
Michigan.....	70	10,019	143	68	2,007	30	69	27,569	400	2	18	293	146
Minnesota.....	7	729	104	7	236	34	7	1,576	225	.....	.....	.....	.....
New York.....	25	3,996	160	21	874	42	23	7,755	337	3	13	212	71
North Carolina....	3	482	161	3	65	22	2	1,704	852	.....	.....	.....	.....
Ohio.....	11	632	57	11	293	27	9	10,288	1,143	1	10	100	100
Oregon.....	194	27,652	143	174	7,191	41	136	29,727	219	.....	.....	.....	.....
Washington.....	58	7,326	126	50	1,437	29	43	14,761	343	.....	.....	.....	.....
All other States..	83	5,831	70	81	2,434	30	79	24,411	309	1	5	57	57

State	Fuel oil			Gas for heating			Advertising			
	Establishments reporting	Gallons	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)
United States..	9	2,490	280	31	.....	.....	.....	370	164,304	444
California.....	4	1,571	155	39	.....	.....	.....	42	32,215	767
Florida.....	1	105	15	15	.....	.....	.....	5	1,546	305
Illinois.....	.....	.....	.....	.....	.....	.....	.....	54	2,851	53
Indiana.....	.....	.....	.....	.....	.....	.....	.....	17	1,534	90
Iowa.....	.....	.....	.....	.....	.....	.....	.....	7	3,218	460
Michigan.....	.....	.....	.....	.....	.....	.....	.....	56	73,154	1,306
Minnesota.....	.....	.....	.....	.....	.....	.....	.....	7	1,736	248
New York.....	1	300	40	40	.....	.....	.....	22	3,062	139
North Carolina....	.....	.....	.....	.....	.....	.....	.....	2	20	10
Ohio.....	.....	.....	.....	.....	.....	.....	.....	11	5,859	533
Oregon.....	1	14	4	4	.....	.....	.....	52	9,149	176
Washington.....	2	500	66	33	.....	.....	.....	18	13,898	772
All other States..	.....	.....	.....	.....	.....	.....	.....	77	16,062	209

BULB FARMS

State Summary Table 9.—SPECIFIED EXPENDITURES, FOR ESTABLISHMENTS WITH A CROP VALUE OF \$10,000 AND OVER: 1949

State	Total of specified expenditures				Wages and salaries paid											
	Establishments reporting	Dollars	Percent of total expenditures for all establishments	Average per establishment (dollars)	Officers of corporations			All other paid employees			Year-round employees			Part-time or seasonal employees		
					Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)
United States..	189	3,956,100	77.8	20,932	20	212,306	10,615	188	2,463,946	13,106	149	1,269,366	8,519	177	1,194,580	6,749
California.....	23	411,534	71.2	17,893	2	8,513	4,256	23	305,475	13,282	19	173,719	9,143	23	131,756	5,729
Florida.....	4	72,896	69.1	18,224	.....	.....	.....	4	55,724	13,931	4	34,834	8,708	3	20,890	6,963
Illinois.....	11	68,983	41.0	6,271	1	2,919	2,919	11	52,342	4,758	10	36,060	3,606	7	16,282	2,326
Indiana.....	3	45,222	67.1	15,074	1	2,940	2,940	3	25,440	8,480	2	9,064	4,532	3	16,376	5,459
Iowa.....	2	290,216	95.3	145,108	2	30,220	15,110	2	143,810	71,905	2	90,800	45,400	2	53,010	26,505
Michigan.....	24	735,267	72.5	30,636	3	58,600	19,533	24	355,358	14,807	22	232,758	10,580	21	122,600	5,838
Minnesota.....	3	56,529	79.6	18,843	.....	.....	.....	3	36,000	12,000	3	20,900	6,967	3	15,100	5,033
New York.....	13	563,645	93.5	43,357	4	32,914	8,228	13	342,302	26,331	13	193,348	14,873	13	148,954	11,458
North Carolina.....	6	64,673	91.0	10,779	1	3,000	3,000	6	35,642	5,940	6	23,033	3,839	6	12,609	2,102
Ohio.....	4	104,917	78.1	26,229	.....	.....	.....	4	37,445	9,361	4	29,264	7,316	2	8,181	4,090
Oregon.....	48	652,897	76.2	13,602	1	21,000	21,000	47	467,766	9,952	26	151,411	5,824	47	316,355	6,731
Washington.....	28	619,683	87.3	22,132	3	35,000	11,667	28	434,065	15,502	20	181,021	9,051	28	253,044	9,037
All other States..	20	269,638	67.4	13,482	2	17,200	8,600	20	172,577	8,629	18	93,154	5,175	19	79,423	4,180

State	Manure and fertilizer			Insecticides and fungicides			Seeds, plants, and bulbs for planting			Coal			
	Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Tons	Dollars	Average per establishment reporting (dollars)
United States..	174	173,873	999	168	45,534	271	153	668,855	4,372	3	269	2,720	907
California.....	22	35,817	1,628	20	8,605	430	17	38,877	2,287	.....	.....	.....	.....
Florida.....	4	4,460	1,115	4	1,058	264	1	250	250	.....	.....	.....	.....
Illinois.....	11	3,863	351	11	954	87	11	7,403	673	.....	.....	.....	.....
Indiana.....	3	937	312	3	514	171	2	3,260	1,630	.....	.....	.....	.....
Iowa.....	2	2,246	1,123	2	1,010	505	2	13,750	6,875	.....	.....	.....	.....
Michigan.....	24	20,577	857	21	4,065	194	22	263,397	11,973	2	19	320	160
Minnesota.....	2	850	425	2	340	170	3	5,050	1,683	.....	.....	.....	.....
New York.....	13	32,218	2,478	12	5,333	444	13	81,250	6,250	.....	.....	.....	.....
North Carolina.....	6	4,806	801	5	853	171	5	17,136	3,427	.....	.....	.....	.....
Ohio.....	4	2,900	725	3	975	325	4	21,293	5,323	1	250	2,400	2,400
Oregon.....	40	26,915	673	44	9,692	220	35	70,827	2,024	.....	.....	.....	.....
Washington.....	24	25,676	1,070	23	8,646	376	19	113,589	5,978	.....	.....	.....	.....
All other States..	19	12,608	664	18	3,489	194	19	32,773	1,725	.....	.....	.....	.....

State	Fuel oil				Gas for heating				Advertising				
	Establishments reporting	Gallons	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)	Establishments reporting	Dollars	Average per establishment reporting (dollars)
United States..	5	7,624	791	158	2	1,154	577	141	386,921	2,744	.....	.....	.....
California.....	1	300	30	30	2	1,154	577	12	13,063	1,089	.....	.....	.....
Florida.....	.....	.....	.....	.....	.....	.....	.....	4	11,404	2,851	.....	.....	.....
Illinois.....	.....	.....	.....	.....	.....	.....	.....	10	1,502	150	.....	.....	.....
Indiana.....	.....	.....	.....	.....	.....	.....	.....	2	12,131	6,066	.....	.....	.....
Iowa.....	.....	.....	.....	.....	.....	.....	.....	2	99,180	49,590	.....	.....	.....
Michigan.....	.....	.....	.....	.....	.....	.....	.....	22	32,950	1,498	.....	.....	.....
Minnesota.....	.....	.....	.....	.....	.....	.....	.....	3	14,289	4,763	.....	.....	.....
New York.....	1	1,000	100	100	.....	.....	.....	13	69,528	5,348	.....	.....	.....
North Carolina.....	.....	.....	.....	.....	.....	.....	.....	6	3,256	539	.....	.....	.....
Ohio.....	.....	.....	.....	.....	.....	.....	.....	4	39,904	9,976	.....	.....	.....
Oregon.....	3	6,324	661	220	.....	.....	.....	33	56,036	1,698	.....	.....	.....
Washington.....	.....	.....	.....	.....	.....	.....	.....	11	2,707	246	.....	.....	.....
All other States..	.....	.....	.....	.....	.....	.....	.....	19	30,991	1,631	.....	.....	.....

HORTICULTURAL SPECIALTIES

State Summary Table 10.—STRUCTURES AND EQUIPMENT, APRIL 1, 1950, FOR ALL ESTABLISHMENTS

State	Value of land, structures, and equipment			Greenhouse area			Frame area		Storage-house floor area		Refrigerated storage capacity	
	Estab-lishments reporting	Dollars	Average value per establishment (dollars)	Estab-lishments reporting	Square feet	Average area per establishment reporting (square feet)	Estab-lishments reporting	Square feet	Estab-lishments reporting	Square feet	Estab-lishments reporting	Cubic feet
United States...	870	13,933,443	16,015	28	158,332	5,655	41	620,449	386	1,881,909	24	206,308
California.....	109	1,998,311	18,333	7	123,300	17,614	7	545,150	35	107,033	5	3,914
Florida.....	20	303,723	15,186	1	144	144	.....	.....	9	48,096	1	36,000
Illinois.....	76	562,000	7,395	.....	.....	.....	1	720	31	57,996	.....	.....
Indiana.....	22	186,914	8,496	2	1,250	625	1	375	15	51,596	2	1,824
Iowa.....	9	159,581	17,731	.....	.....	.....	.....	.....	6	14,572	2	25,864
Michigan.....	97	1,304,727	13,451	3	4,050	1,350	4	14,500	67	213,800	1	48,000
Minnesota.....	10	139,000	13,900	.....	.....	.....	.....	.....	8	36,100	.....	.....
New York.....	39	936,501	24,013	5	2,930	586	7	7,600	25	150,650	1	5,000
North Carolina.....	9	189,600	21,067	.....	.....	.....	.....	.....	9	120,904	2	952
Ohio.....	15	159,000	10,600	2	21,000	10,500	3	3,566	9	22,659	.....	.....
Oregon.....	257	3,984,597	15,504	4	4,148	1,037	7	16,238	75	553,215	4	59,682
Washington.....	93	2,912,017	31,312	2	684	342	1	5,000	41	320,177	6	23,072
All other States...	114	1,097,512	9,627	2	826	413	10	27,300	56	185,111	.....	.....

State Summary Table 11.—STRUCTURES AND EQUIPMENT, APRIL 1, 1950, FOR ESTABLISHMENTS WITH A CROP VALUE OF LESS THAN \$10,000 IN 1949

State	Value of land, structures, and equipment				Greenhouse area			Frame area		Storage-house floor area		Refrigerated storage capacity	
	Estab-lishments reporting	Dollars	Percent of total value for all establishments	Average value per establishment (dollars)	Estab-lishments reporting	Square feet	Average area per establishment reporting (square feet)	Estab-lishments reporting	Square feet	Estab-lishments reporting	Square feet	Estab-lishments reporting	Cubic feet
United States...	681	5,454,229	39.1	8,009	18	10,144	564	26	43,459	256	522,285	5	4,788
California.....	86	724,861	36.3	8,429	4	2,760	690	4	10,000	23	21,533	1	2,000
Florida.....	16	176,223	58.0	11,014	1	144	144	.....	.....	7	15,096	.....	.....
Illinois.....	65	396,000	63.3	5,477	.....	.....	.....	1	720	23	37,446	.....	.....
Indiana.....	19	116,914	62.5	6,153	2	1,250	625	1	375	12	19,996	2	1,824
Iowa.....	7	68,500	42.9	9,786	.....	.....	.....	.....	.....	5	8,072	1	864
Michigan.....	73	502,183	38.5	6,879	1	1,350	1,350	2	13,500	48	83,827	.....	.....
Minnesota.....	7	88,600	63.7	12,657	.....	.....	.....	.....	.....	5	19,650	.....	.....
New York.....	26	167,150	17.8	6,429	4	1,930	482	5	5,500	16	40,360	.....	.....
North Carolina.....	3	9,600	5.1	3,200	.....	.....	.....	.....	.....	3	55,280	.....	.....
Ohio.....	11	74,000	46.5	6,727	1	1,000	1,000	2	566	7	10,559	.....	.....
Oregon.....	209	2,250,500	56.5	10,768	1	200	200	3	1,498	44	112,258	.....	.....
Washington.....	65	468,702	16.1	7,211	2	684	342	.....	.....	22	41,797	1	100
All other States...	94	450,996	41.1	4,798	2	826	413	8	11,300	41	56,411	.....	.....

State Summary Table 12.—STRUCTURES AND EQUIPMENT, APRIL 1, 1950, FOR ESTABLISHMENTS WITH A CROP VALUE OF \$10,000 AND OVER IN 1949

State	Value of land, structures, and equipment				Greenhouse area			Frame area		Storage-house floor area		Refrigerated storage capacity	
	Estab-lishments reporting	Dollars	Percent of total value for all establishments	Average value per establishment (dollars)	Estab-lishments reporting	Square feet	Average area per establishment reporting (square feet)	Estab-lishments reporting	Square feet	Estab-lishments reporting	Square feet	Estab-lishments reporting	Cubic feet
United States...	189	8,479,214	60.9	44,864	10	148,188	14,819	15	576,990	130	1,359,624	19	201,520
California.....	23	1,273,450	63.7	55,367	3	120,540	40,180	3	535,150	12	85,500	4	3,914
Florida.....	4	127,500	42.0	31,875	.....	.....	.....	.....	.....	2	33,000	1	36,000
Illinois.....	11	206,000	36.7	18,727	.....	.....	.....	.....	.....	8	20,550	.....	.....
Indiana.....	3	70,000	37.5	23,333	.....	.....	.....	.....	.....	3	31,600	.....	.....
Iowa.....	2	91,081	57.1	45,540	.....	.....	.....	.....	.....	1	6,500	1	25,000
Michigan.....	24	802,544	61.5	33,439	2	2,700	1,350	2	1,000	19	129,973	1	48,000
Minnesota.....	3	50,400	36.3	16,800	.....	.....	.....	.....	.....	3	16,450	.....	.....
New York.....	13	769,351	82.2	59,181	1	1,000	1,000	.....	.....	9	110,290	1	5,000
North Carolina.....	6	180,000	94.9	30,000	.....	.....	.....	.....	.....	6	65,624	2	952
Ohio.....	4	85,000	53.5	21,250	1	20,000	20,000	.....	.....	2	12,100	.....	.....
Oregon.....	48	1,734,057	43.5	36,126	3	3,948	1,316	4	14,740	31	440,957	4	59,682
Washington.....	28	2,443,315	83.9	87,261	.....	.....	.....	1	5,000	19	278,380	5	22,972
All other States...	20	646,516	58.9	32,326	.....	.....	.....	2	16,000	15	128,700	.....	.....

State Summary Table 13.—CROPS SOLD, FOR ALL ESTABLISHMENTS: 1949

State	Value at wholesale prices of all crops sold (dollars)	Amaryllis bulbs sold					Anemone roots sold				
		Establishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb (dollars)	Percent of value of all crops	Establishments reporting	Number of roots	Value of crop at wholesale prices (dollars)	Average value per root (dollars)	Percent of value of all crops
United States..	9,236,989	14	510,780	24,898	0.05	0.3	6	2,989,175	23,846	0.01	0.3
California.....	1,150,556	3	133,313	8,194	0.06	0.7	5	2,984,175	23,796	0.01	2.1
Florida.....	214,619	4	342,500	9,419	0.03	4.4	1	5,000	50	0.01	(1)
Illinois.....	396,055	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana.....	121,223	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa.....	205,857	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	1,383,263	1	6,000	1,500	0.25	0.1	.....	.....	.....	.....	.....
Minnesota.....	146,424	1	1,000	200	0.20	0.1	.....	.....	.....	.....	.....
New York.....	1,089,004	1	500	100	0.20	(1)	.....	.....	.....	.....	.....
North Carolina.....	209,012	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	161,225	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon.....	2,010,205	1	15,000	3,000	0.20	0.1	.....	.....	.....	.....	.....
Washington.....	1,420,337	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
All other States..	729,209	3	12,467	2,485	0.20	0.3	.....	.....	.....	.....	.....

State	Caladium tubers sold					Calla Lily bulbs sold					Canna roots sold				
	Establishments reporting	Number of tubers	Value of crop at wholesale prices (dollars)	Average value per tuber (dollars)	Percent of value of all crops	Establishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb (dollars)	Percent of value of all crops	Establishments reporting	Number of roots	Value of crop at wholesale prices (dollars)	Average value per root (dollars)	Percent of value of all crops
United States..	10	1,217,343	151,691	0.12	1.6	15	324,076	37,365	0.12	0.4	18	2,028,228	65,337	0.03	0.7
California.....	.....	.....	.....	.....	.....	9	284,841	32,244	0.11	11.3	1	50,000	2,000	0.04	0.2
Florida.....	7	1,175,193	149,376	0.13	69.6	1	2,000	100	0.20	(1)	.....	.....	.....	.....	.....
Illinois.....	.....	.....	.....	.....	.....	1	1,500	60	0.04	(1)	.....	.....	.....	.....	.....
Indiana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	80,000	7,000	0.09	5.8
Iowa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	1	2,000	300	0.15	(1)	2	21,300	3,000	0.14	0.2	1	16,978	480	0.03	(1)
Minnesota.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	25,000	1,250	0.05	0.9
New York.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	40,000	2,000	0.05	0.2
North Carolina.....	1	40,000	2,000	0.05	1.0	.....	.....	.....	.....	(1)	2	480,000	14,000	0.03	6.7
Ohio.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon.....	.....	.....	.....	.....	.....	1	10,435	1,461	0.14	0.1	.....	.....	.....	.....	.....
Washington.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
All other States..	1	150	15	0.10	(1)	.....	.....	.....	.....	.....	11	1,336,250	38,607	0.03	5.3

State	Dahlia tubers sold					Freesia corms sold					Gladiola corms sold				
	Establishments reporting	Number of tubers	Value of crop at wholesale prices (dollars)	Average value per tuber (dollars)	Percent of value of all crops	Establishments reporting	Number of corms	Value of crop at wholesale prices (dollars)	Average value per corm (dollars)	Percent of value of all crops	Establishments reporting	Number of corms	Value of crop at wholesale prices (dollars)	Average value per corm (dollars)	Percent of value of all crops
United States..	77	4,610,408	430,355	0.09	4.7	3	2,091,733	40,947	0.02	0.4	375	218,397,922	3,820,578	0.02	41.4
California.....	8	110,789	14,768	0.13	1.3	3	2,091,733	40,947	0.02	0.4	27	12,974,925	271,662	0.02	23.6
Florida.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	2,066,550	31,431	0.02	14.6
Illinois.....	1	10,000	1,000	0.10	0.3	.....	.....	.....	.....	.....	68	27,845,025	379,777	0.01	95.9
Indiana.....	4	101,000	14,226	0.14	11.7	.....	.....	.....	.....	.....	15	6,585,113	84,447	0.01	69.7
Iowa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	2,208,000	64,957	0.03	31.6
Michigan.....	16	1,290,654	71,608	0.06	5.2	.....	.....	.....	.....	.....	86	59,687,814	986,818	0.02	71.3
Minnesota.....	1	50,000	10,000	0.20	6.8	.....	.....	.....	.....	.....	8	3,186,740	74,674	0.02	51.0
New York.....	16	1,410,536	155,630	0.11	14.3	.....	.....	.....	.....	.....	23	33,044,750	669,131	0.02	61.4
North Carolina.....	1	100,000	10,000	0.10	4.8	.....	.....	.....	.....	.....	6	7,861,650	151,049	0.02	72.3
Ohio.....	4	515,000	43,150	0.08	26.8	.....	.....	.....	.....	.....	11	4,067,790	62,075	0.02	38.5
Oregon.....	5	415,783	46,300	0.11	2.3	.....	.....	.....	.....	.....	54	40,213,800	731,493	0.02	36.4
Washington.....	5	65,000	7,650	0.12	0.5	.....	.....	.....	.....	.....	14	3,257,550	49,581	0.02	3.5
All other States..	16	541,646	56,023	0.10	7.7	.....	.....	.....	.....	.....	51	15,398,215	263,483	0.02	36.1

¹ Less than 0.05 percent.

HORTICULTURAL SPECIALTIES

State Summary Table 13.—CROPS SOLD, FOR ALL ESTABLISHMENTS: 1949—Continued

State	Hyacinth bulbs sold					Iris (bulbous) bulbs sold					Iris (rhizomatous) rhizomes sold				
	Estab- lishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb (dollars)	Percent of value of all crops	Estab- lishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb (dollars)	Percent of value of all crops	Estab- lishments reporting	Number of rhizomes	Value of crop at wholesale prices (dollars)	Average value per rhizome (dollars)	Percent of value of all crops
United States..	15	247,540	17,775	0.07	0.2	74	20,735,862	459,227	0.02	5.0	57	7,853,790	407,970	0.05	4.4
California.....	1	4,000	400	0.10	(¹)	4	28,700	825	0.03	0.1	9	352,963	35,300	0.10	3.1
Florida.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	.....	.....	.....	.....	.....	1	14,000	925	0.07	0.2	2	40,000	4,000	0.10	1.0
Indiana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	709,000	70,900	0.10	34.4
Michigan.....	5	62,500	6,365	0.10	0.5	5	768,750	38,425	0.05	2.8	3	88,378	17,556	0.20	1.3
Minnesota.....	1	3,000	500	0.17	0.3	.....	.....	.....	.....	.....	2	70,000	7,000	0.10	4.8
New York.....	1	1,500	75	0.05	(¹)	2	420,000	8,400	0.02	0.8	3	90,000	9,200	0.10	0.8
North Carolina.....	.....	.....	.....	.....	.....	2	157,900	5,408	0.03	2.6	.....	.....	.....	.....	.....
Ohio.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	230,000	28,000	0.12	17.4
Oregon.....	1	8,500	706	0.05	(¹)	13	3,916,150	64,428	0.02	3.2	11	3,557,700	92,589	0.03	4.6
Washington.....	3	126,000	7,100	0.06	0.5	45	15,230,362	338,316	0.02	23.8	4	1,734,750	49,555	0.03	3.5
All other States..	3	42,040	2,929	0.07	0.4	2	200,000	2,500	0.01	0.3	18	980,999	93,870	0.10	12.9
State	Lily (longiflorum or Easter) bulbs sold					Lily (other than Easter) bulbs sold					Muscari bulbs sold				
	Estab- lishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb (dollars)	Percent of value of all crops	Estab- lishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb (dollars)	Percent of value of all crops	Estab- lishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb (dollars)	Percent of value of all crops
United States..	209	5,595,894	1,007,541	0.18	10.9	48	2,154,565	187,946	0.09	2.0	11	257,333	2,986	0.01	(¹)
California.....	41	1,769,975	284,246	0.16	24.7	6	154,375	17,234	0.11	1.5	.....	.....	.....	.....	.....
Florida.....	5	41,955	8,179	0.19	3.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	.....	.....	.....	.....	.....	1	300	50	0.17	(¹)	.....	.....	.....	.....	.....
Indiana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	1	1,000	200	0.20	(¹)	5	73,749	9,540	0.13	0.7	4	180,500	1,765	0.01	0.1
Minnesota.....	.....	.....	.....	.....	.....	1	10,000	1,500	0.15	1.0	.....	.....	.....	.....	.....
New York.....	2	140,000	22,200	0.16	2.0	1	6,666	1,000	0.15	0.1	1	3,333	100	0.03	(¹)
North Carolina.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon.....	123	2,978,082	570,162	0.19	28.4	25	1,802,061	147,886	0.08	7.4	.....	.....	.....	.....	.....
Washington.....	21	330,677	62,085	0.19	4.4	3	5,800	875	0.15	0.1	4	48,000	846	0.02	0.1
All other States..	16	334,205	60,469	0.18	8.3	6	101,614	9,861	0.10	1.4	2	25,500	275	0.01	(¹)
State	Narcissus (tender) bulbs sold					Narcissus (hardy) bulbs sold					Peony tubers sold				
	Estab- lishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb (dollars)	Percent of value of all crops	Estab- lishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb (dollars)	Percent of value of all crops	Estab- lishments reporting	Number of tubers	Value of crop at wholesale prices (dollars)	Average value per tuber (dollars)	Percent of value of all crops
United States..	28	2,877,587	139,060	0.05	1.5	128	23,281,937	1,230,677	0.05	13.3	53	2,262,468	243,392	0.11	2.6
California.....	9	689,445	26,607	0.04	2.3	11	673,206	19,084	0.03	1.7	.....	.....	.....	.....	.....
Florida.....	1	500	25	0.05	(¹)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	.....	.....	.....	.....	.....	1	150,000	3,712	0.02	0.9	4	53,310	6,531	0.12	1.6
Indiana.....	1	20,000	1,000	0.05	0.8	1	30,000	2,900	0.10	2.4	3	40,500	4,050	0.10	3.3
Iowa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	700,000	70,000	0.10	34.0
Michigan.....	3	222,500	9,375	0.04	0.7	7	1,452,500	87,387	0.06	6.3	5	56,032	5,759	0.10	0.4
Minnesota.....	1	20,000	800	0.04	0.5	1	25,000	1,000	0.04	0.7	5	397,500	40,000	0.10	27.3
New York.....	1	2,000	100	0.05	(¹)	7	2,401,400	151,968	0.06	14.0	4	115,500	10,300	0.09	0.9
North Carolina.....	1	50,000	2,500	0.05	(¹)	3	857,000	12,256	0.01	5.9	1	50,000	5,000	0.10	2.4
Ohio.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	200,000	28,000	0.14	17.4
Oregon.....	9	873,130	48,652	0.06	2.4	51	5,486,761	290,740	0.05	14.5	1	18,000	1,800	0.10	0.1
Washington.....	1	1,000,000	50,000	0.05	3.5	32	11,231,170	622,160	0.06	43.8	2	10,000	825	0.08	0.1
All other States..	1	12	1	0.08	(¹)	14	964,900	39,470	0.04	5.4	24	621,626	71,127	0.11	9.8

¹ Less than 0.05 percent.

State Summary Table 13.—CROPS SOLD, FOR ALL ESTABLISHMENTS: 1949—Continued

State	Ranunculus tubers sold					Tulip bulbs sold					All other bulbs, corms, rhizomes, roots, etc., sold		
	Estab-lishments reporting	Number of tubers	Value of crop at wholesale prices (dollars)	Average value per tuber (dollars)	Percent of value of all crops	Estab-lishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb (dollars)	Percent of value of all crops	Estab-lishments reporting	Value of crops at wholesale prices (dollars)	Percent of value of all crops
United States...	7	6,929,900	57,991	0.01	0.6	59	12,346,880	420,609	0.03	4.6	54	466,798	5.1
California.....	6	6,784,900	56,491	0.01	4.9	.....	.....	.....	.....	.....	16	316,758	27.5
Florida.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	16,039	7.5
Illinois.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana.....	.....	.....	.....	.....	.....	4	180,000	7,600	0.04	6.3	.....	.....	.....
Iowa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	1	145,000	1,500	0.01	0.1	8	3,104,440	122,272	0.04	8.8	9	19,413	1.4
Minnesota.....	.....	.....	.....	.....	.....	1	125,000	6,750	0.05	4.6	1	2,750	1.9
New York.....	.....	.....	.....	.....	.....	6	1,081,000	46,050	0.04	4.2	4	12,250	1.1
North Carolina.....	.....	.....	.....	.....	.....	1	15,980	799	0.05	0.4	1	6,000	2.9
Ohio.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon.....	.....	.....	.....	.....	.....	2	150,760	7,538	0.05	0.4	1	3,750	0.2
Washington.....	.....	.....	.....	.....	.....	29	7,292,420	221,021	0.03	15.6	5	10,323	0.7
All other States...	.....	.....	.....	.....	.....	8	397,280	8,579	0.02	1.2	12	79,515	10.9

State Summary Table 14.—CROPS SOLD, FOR ESTABLISHMENTS WITH A CROP VALUE OF LESS THAN \$10,000: 1949

State	Value at wholesale prices of all crops sold (dollars)	State	Value at wholesale prices of all crops sold (dollars)
United States.....	2,291,674	Minnesota.....	21,924
California.....	311,887	New York.....	93,373
Florida.....	58,272	North Carolina.....	11,431
Illinois.....	238,058	Ohio.....	41,225
Indiana.....	65,223	Oregon.....	696,220
Iowa.....	25,657	Washington.....	201,107
Michigan.....	270,116	All other States.....	257,181

State Summary Table 15.—CROPS SOLD, FOR ESTABLISHMENTS WITH A CROP VALUE OF \$10,000 AND OVER: 1949

State	Value at wholesale prices of all crops sold (dollars)	Dahlia tubers sold					Gladiola corms sold				
		Estab-lishments reporting	Number of tubers	Value of crop at wholesale prices (dollars)	Average value per tuber (dollars)	Percent of value of all crops	Estab-lishments reporting	Number of corms	Value of crop at wholesale prices (dollars)	Average value per corm (dollars)	Percent of value of all crops
United States...	6,945,315	19	2,938,246	293,008	0.10	4.2	98	159,020,325	2,943,547	0.02	42.4
California.....	838,669	.....	.....	.....	.....	.....	8	10,441,900	219,343	0.02	26.2
Florida.....	156,347	.....	.....	.....	.....	.....	1	1,500,000	22,000	0.01	14.1
Illinois.....	157,997	.....	.....	.....	.....	.....	11	9,190,575	157,997	0.02	100.0
Indiana.....	56,000	.....	.....	.....	.....	.....	3	5,250,000	56,000	0.01	100.0
Iowa.....	180,200	.....	.....	.....	.....	.....	2	1,760,000	40,200	0.02	22.3
Michigan.....	1,113,147	6	946,560	54,457	0.06	4.9	19	39,916,350	764,951	0.02	68.7
Minnesota.....	124,500	1	50,000	10,000	0.20	8.0	2	2,250,000	55,000	0.02	44.2
New York.....	995,631	5	880,166	112,899	0.13	11.3	8	30,969,350	629,587	0.02	63.2
North Carolina.....	197,581	1	100,000	10,000	0.10	5.1	5	7,711,650	149,374	0.02	75.6
Ohio.....	120,000	2	250,000	29,000	0.12	24.2	2	2,125,000	35,000	0.02	29.2
Oregon.....	1,313,985	2	400,000	44,000	0.11	3.3	22	34,422,500	616,927	0.02	47.0
Washington.....	1,219,230	.....	.....	.....	.....	.....	5	2,426,000	38,980	0.02	3.2
All other States...	472,028	2	311,520	32,652	0.10	6.9	10	11,057,000	158,188	0.01	33.5

HORTICULTURAL SPECIALTIES

State Summary Table 15.—CROPS SOLD, FOR ESTABLISHMENTS WITH A CROP VALUE OF \$10,000 AND OVER: 1949—Continued

State	Iris (bulbous) bulbs sold					Iris (rhizomatous) rhizomes sold					Lily (longiflorum or Easter) bulbs sold				
	Estab- lishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb	Percent of value of all crops	Estab- lishments reporting	Number of rhizomes	Value of crop at wholesale prices (dollars)	Average value per rhizome (dollars)	Percent of value of all crops	Estab- lishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb (dollars)	Percent of value of all crops
United States..	30	16,536,100	368,195	0.02	5.3	26	6,800,449	339,357	0.05	4.9	26	2,656,879	455,231	0.17	6.6
California.....	.....	.....	.....	.....	.....	1	100,000	10,000	0.10	1.2	7	1,106,935	159,558	0.14	19.0
Florida.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa.....	.....	.....	.....	.....	.....	2	700,000	70,000	0.10	38.8	.....	.....	.....	.....	.....
Michigan.....	3	760,000	38,250	0.05	3.4	1	79,000	17,000	0.22	1.5	.....	.....	.....	.....	.....
Minnesota.....	.....	.....	.....	.....	.....	2	70,000	7,000	0.10	5.6	.....	.....	.....	.....	.....
New York.....	2	420,000	8,400	0.02	0.8	3	90,000	9,200	0.10	0.9	1	100,000	20,000	0.20	2.0
North Carolina...	2	157,900	5,408	0.03	2.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ohio.....	.....	.....	.....	.....	.....	2	230,000	28,000	0.12	23.3	.....	.....	.....	.....	.....
Oregon.....	5	2,923,750	45,333	0.02	3.4	5	3,030,000	76,263	0.03	5.8	14	1,207,804	228,345	0.19	17.4
Washington.....	17	12,224,450	270,304	0.02	22.2	2	1,669,750	43,555	0.03	3.6	3	103,000	19,500	0.19	1.6
All other States..	1	50,000	500	0.01	0.1	8	831,699	78,339	0.09	16.6	1	139,140	27,828	0.20	5.9

State	Lily (other than Easter) bulbs sold					Narcissus bulbs sold				
	Estab- lishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb (dollars)	Percent of value of all crops	Estab- lishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb (dollars)	Percent of value of all crops
United States..	11	1,482,606	101,102	0.07	1.5	43	20,727,570	1,127,810	0.05	6.2
California.....	1	30,000	2,000	0.07	0.2	3	675,460	20,736	0.03	2.5
Florida.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan.....	2	53,300	7,000	0.13	0.6	4	1,593,000	90,652	0.06	8.1
Minnesota.....	1	10,000	1,500	0.15	1.2	1	45,000	1,800	0.04	1.4
New York.....	1	6,666	1,000	0.15	0.1	6	2,364,000	149,220	0.06	15.1
North Carolina...	.....	.....	.....	.....	.....	1	100,000	5,000	0.05	2.6
Ohio.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon.....	5	1,381,640	89,452	0.06	6.8	10	3,924,700	205,721	0.05	15.7
Washington.....	1	1,000	150	0.15	(¹)	14	11,453,410	632,081	0.06	51.8
All other States..	.....	.....	.....	.....	.....	4	572,000	22,600	0.04	4.8

State	Peony tubers sold					Tulip bulbs sold					All other bulbs, corms, rhizomes, roots, etc., sold	
	Estab- lishments reporting	Number of tubers	Value of crop at wholesale prices (dollars)	Average value per tuber (dollars)	Percent of value of all crops	Estab- lishments reporting	Number of bulbs	Value of crop at wholesale prices (dollars)	Average value per bulb (dollars)	Percent of value of all crops	Value of crops at wholesale prices (dollars)	Percent of value of all crops
United States..	21	1,938,780	209,131	0.11	3.0	34	10,838,700	376,929	0.03	5.4	731,005	10.5
California.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	427,032	50.9
Florida.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	134,347	85.9
Illinois.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iowa.....	2	700,000	70,000	0.10	38.8	.....	.....	.....	.....	.....	.....	.....
Michigan.....	2	21,000	4,250	0.20	0.4	6	2,604,440	110,172	0.04	9.9	26,415	2.4
Minnesota.....	3	375,000	37,750	0.10	30.3	1	125,000	6,750	0.05	5.4	4,700	3.8
New York.....	3	115,000	10,250	0.09	1.0	5	956,000	44,300	0.05	4.4	10,775	1.1
North Carolina...	1	50,000	5,000	0.10	2.5	1	15,980	799	0.05	0.4	22,000	11.1
Ohio.....	2	200,000	28,000	0.14	23.3	.....	.....	.....	.....	.....	.....	.....
Oregon.....	.....	.....	.....	.....	.....	2	150,760	7,538	0.05	0.6	406	(¹)
Washington.....	.....	.....	.....	.....	.....	17	6,735,720	204,830	0.03	16.8	9,830	0.8
All other States..	8	477,780	53,881	0.11	11.4	2	250,800	2,540	0.01	0.5	95,500	20.2

¹Less than 0.05 percent.

HORTICULTURAL SPECIALTIES

State Summary Table 18.—RANK OF STATE ACCORDING TO VALUE OF CROPS AT WHOLESALE PRICES: 1949

State	Value of crops at wholesale prices (dollars)	Rank of State	State	Value of crops at wholesale prices (dollars)	Rank of State
United States.....	9,236,989		Minnesota.....	146,424	11
California.....	1,150,556	4	New York.....	1,089,004	5
Florida.....	214,619	7	North Carolina.....	209,012	8
Illinois.....	396,055	6	Ohio.....	161,225	10
Indiana.....	121,223	12	Oregon.....	2,010,205	1
Iowa.....	205,857	9	Washington.....	1,420,337	2
Michigan.....	1,383,263	3	All other States.....	729,209	

State Summary Table 19.—25 LEADING COUNTIES ACCORDING TO VALUE OF CROPS AT WHOLESALE PRICES: 1949

Rank	County and State	Value of crops at wholesale prices		Rank	County and State	Value of crops at wholesale prices	
		Dollars	Percent of U. S. total			Dollars	Percent of U. S. total
	United States.....	9,236,989	100.0	14	Humboldt, California.....	175,236	1.9
	25 leading counties.....	6,208,637	67.2	15	Marion, Oregon.....	158,676	1.7
1	Pierce, Washington.....	658,932	7.1	16	Nassau, New York.....	152,860	1.7
2	Curry, Oregon.....	541,378	5.9	17	Kalamazoo, Michigan.....	137,133	1.5
3	Josephine, Oregon.....	485,059	5.3	18	Los Angeles, California.....	125,262	1.4
4	Berrien, Michigan.....	452,568	4.9	19	Del Norte, California.....	124,746	1.4
5	Skagit, Washington.....	404,036	4.4	20	Highlands, Florida.....	123,916	1.3
6	Kankakee, Illinois.....	351,705	3.8	21	Macomb, Michigan.....	105,104	1.1
7	Suffolk, New York.....	346,457	3.8	22	Washington, Oregon.....	85,131	0.9
8	Santa Cruz, California.....	339,194	3.7	23	Alameda, California.....	84,904	0.9
9	Van Buren, Michigan.....	294,397	3.2	24	Island, Washington.....	72,275	0.8
10	Clackamas, Oregon.....	265,780	2.9	25	Jackson, Oregon.....	59,802	0.7
11	Multnomah, Oregon.....	246,004	2.7		All other counties.....	3,028,352	32.8
12	San Diego, California.....	230,250	2.5				
13	Ottawa, Michigan.....	187,832	2.0				

State Summary Table 20.—RELATIONSHIP OF NUMBER OF ESTABLISHMENTS, TOTAL SALES, AND CROP VALUE TO ALL HORTICULTURAL-SPECIALTY ESTABLISHMENTS: 1949

State	Establishments			Total sales			Value of crops at wholesale prices		
	All horticultural-specialty establishments (number)	Bulb farms		All horticultural-specialty establishments (dollars)	Bulb farms		All horticultural-specialty establishments (dollars)	Bulb farms	
		Number	Percent of number of all horticultural-specialty establishments		Dollars	Percent of sales of all horticultural-specialty establishments		Dollars	Percent of crop value of all horticultural-specialty establishments
United States.....	18,000	870	4.8	467,346,986	10,690,965	2.3	300,637,657	9,236,989	3.1
California.....	1,697	109	6.4	47,330,065	1,267,288	2.7	36,896,309	1,150,556	3.1
Florida.....	723	20	2.8	18,539,858	223,236	1.2	15,875,742	214,619	1.4
Illinois.....	1,006	76	7.6	31,007,688	407,539	1.3	20,047,959	396,055	2.0
Indiana.....	655	22	3.4	14,956,156	152,126	1.0	9,510,388	121,223	1.3
Iowa.....	270	9	3.3	12,854,824	585,942	4.6	6,459,844	205,857	3.2
Michigan.....	952	97	10.2	21,014,623	1,625,173	7.7	11,184,416	1,383,263	12.4
Minnesota.....	320	10	3.1	10,108,218	181,627	1.8	4,742,948	146,424	3.0
New York.....	1,462	39	2.7	43,043,052	1,222,853	2.8	27,675,341	1,089,004	3.9
North Carolina.....	272	9	3.3	5,852,877	209,012	3.6	3,223,322	209,012	6.5
Ohio.....	1,453	15	1.0	37,473,450	231,377	0.6	25,942,943	161,225	0.6
Oregon.....	735	257	35.0	9,592,193	2,148,269	22.4	7,746,160	2,010,205	26.0
Washington.....	468	93	19.9	8,051,435	1,519,361	18.9	5,770,880	1,420,337	24.6
All other States.....	7,987	114	1.4	207,522,547	917,162	0.4	125,561,405	729,209	0.6

APPENDIX C

(745)

BUDGET BUREAU NO. 41-5026
APPROVAL EXPIRES DECEMBER 31, 1951

This inquiry is authorized by Act of Congress (46 Stat. 21, 13 USC 201-218) which requires that you file a report. Your report is accorded confidential treatment, subject to the provisions of law. Your Census report will be used for statistical purposes only and cannot be used for purposes of taxation, investigation, or regulation.

UNITED STATES DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON 25

Form
A13

SEVENTEENTH DECENNIAL CENSUS OF THE UNITED STATES: 1950
SPECIAL QUESTIONNAIRE FOR BULB FARMS

I. OPERATOR, APRIL 1, 1950

1. Name of establishment _____

2. Address _____ Street or R. D. Number _____ Post Office _____

_____ County _____ State _____

3. Corporation President, or Manager _____

4. Main office _____ Street or R. D. Number _____ Post Office _____

_____ County _____ State _____

5. Kind of business:

(a) Did this establishment grow and sell \$1,000 or more of cut flowers and flowering or foliage plants grown under glass or cloth or in the open (including propagated mushrooms and vegetables under glass) in 1949?.....
 (If the answer is "Yes" it is necessary for you to fill in a questionnaire for producers of cut flowers and flowering or foliage plants. If Form No. All for producers of cut flowers and flowering or foliage plants is not enclosed, write to the Bureau of the Census, Washington 25, D. C., requesting a copy.)

No Yes

(b) Did this establishment grow and sell \$1,000 or more of nursery stock in 1949?.....
 (If the answer is "Yes" it is necessary for you to fill in a questionnaire for nurseries. If Form No. A12 for nurseries is not enclosed, write to the Bureau of the Census, Washington 25, D. C., requesting a copy.)

No Yes

(c) Did this establishment grow and sell \$1,000 or more of flower seed in 1949?.....
 (If the answer is "Yes" it is necessary for you to fill in a questionnaire for flower seed farms. If Form No. A14 for flower seed farms is not enclosed, write to the Bureau of the Census, Washington 25, D. C., requesting a copy.)

No Yes

(d) Did this establishment grow and sell \$1,000 or more of bulbs in 1949?.....
 (If the answer is "Yes" it is necessary for you to fill in the following parts of this questionnaire. If the answer is "No" sign your name on page 4 and mail this form in the enclosed envelope to the Bureau of the Census, Washington 25, D. C.)

No Yes

(If you are a wholesaler or broker, and did not grow and sell \$1,000 or more of the Horticultural Specialty products listed under 5(a), 5(b), 5(c), or 5(d), check "No" for each of these questions, sign your name on page 4 and return this questionnaire to the Bureau of the Census, Washington 25, D. C.)

The following questions relate only to the production and sale of bulbs. If you grew and sold \$1,000 or more of cut flowers and flowering or foliage plants (including propagated mushrooms and vegetables under glass), nursery stock, or flower seed as indicated by having answered "Yes" to questions 5(a), 5(b) or 5(c), the figures in Parts II, IV, V, and VI for sales, employment, expenditures, and value, land, structures and equipment should be divided or prorated among the various kinds of business so that separate totals may be obtained for each kind of business.

I. OPERATOR, APRIL 1, 1950 (Continued)

6. Is this business owned by (check one)
 (a) An individual proprietor? (b) A partner-ship? (c) A corporation?
 7. In what year was this business originally established?..... Year
 8. Does this business operate branches or subsidiaries?..... No Yes
 9. If the answer to question 8 is "yes" give names and addresses of branches or subsidiaries.

(a) Name _____
 Address _____ Street or R.D. Number _____ Post Office _____
 _____ County _____ State _____

(b) Name _____
 Address _____ Street or R.D. Number _____ Post Office _____
 _____ County _____ State _____

(c) Name _____
 Address _____ Street or R.D. Number _____ Post Office _____
 _____ County _____ State _____

(If branches or subsidiaries are located in another State, a separate return must be submitted for each State to cover all the branches or subsidiaries maintained in that State.)

10. For what period does this report apply?
 _____ 19 _____ to _____ 19 _____
 Month Month
 (If book figures are not available for the answer to any question, please give best approximations. If your records are not kept on calendar-year basis, you may report for the fiscal year that includes at least one-half of the calendar year 1949.)

II. SALES IN 1949 (If book figures are not available give best approximations)

SALES

11. What was the total value of all sales of this business in 1949 (including any sales tax and the selling value of products sold on a commission basis but excluding returns and allowances)?..... \$ _____
 12. What was the total value of all wholesale sales made by this business in 1949?..... None \$ _____
 (If answer to question 12 is "None," check "None" above and skip to question 15.)
 13. What was the total value of all wholesale sales made by this business through commission merchants, wholesale merchants, or other wholesale selling establishments in 1949?..... \$ _____
 14. What was the total value of all wholesale sales not made through commission merchants, wholesale merchants, or other wholesale selling establishments but made directly to retail selling establishments by this business in 1949?..... \$ _____

(The total for questions 13 and 14 must equal the amount reported for question 12.)

15. What was the total value of all retail sales made by this business in 1949?..... None \$ _____
 (If the answer to question 15 is "None," check "None" above and skip to question 16.)

(The total for questions 12 and 15 must equal the amount reported for question 11.)

III. CROP SALES

(If book figures are not available give best approximations)

Kind of Bulb, Corm, Rhizome, Root, Etc.	Acres grown in 1949 (Report tenths of an acre, such as 1/10, 1 4/10, etc.)	Number of bulbs planted in 1949	Number of bulbs sold in 1949	Value of sales in 1949 at wholesale prices	Kind of Bulb, Corm, Rhizome, Root, Etc.	Acres grown in 1949 (Report tenths of an acre, such as 1/10, 1 4/10, etc.)	Number of bulbs planted in 1949	Number of bulbs sold in 1949	Value of sales in 1949 at wholesale prices
16. Amaryllis.....	|10			\$	32. Peony.....	|10			\$
17. Anemone.....	|10			\$	33. Ranunculus.....	|10			\$
18. Caladium.....	|10			\$	34. Tulip.....	|10			\$
19. Calla Lily.....	|10			\$	35. All other (give name)				\$
20. Cannas.....	|10			\$	(If the answer to question 35 is "None," check "None" above and skip to question 66.)				\$
21. Dahlia.....	|10			\$					\$
22. Freesia.....	|10			\$					\$
23. Gladiola.....	|10			\$					\$
24. Hyacinth.....	|10			\$					\$
25. Iris (bulbous)...	|10			\$					\$
26. Iris (rhizomatous)...	|10			\$					\$
27. Lily (longi-florum or Easter)	|10			\$					\$
28. Lily (other than Easter).....	|10			\$					\$
29. Muscari.....	|10			\$					\$
30. Narcissus (tender).....	|10			\$					\$
31. Narcissus (hardy).....	|10			\$					\$

IV. EMPLOYMENT IN 1949

NUMBER OF PERSONS

66. If this business is unincorporated, what was the number of proprietors generally devoting a major portion of their time to this business in 1949?.....

67. If this business is incorporated, what was the number of paid corporation officers, executives, and managers in 1949?.....

68. How many other employees were on the payroll of this business during the pay period ending nearest March 15, 1949? (Include year-round as well as part-time and seasonal employees.).....

69. How many of the employees on the payroll during the pay period ending nearest March 15, 1949, held year-round positions?.....

70. How many unpaid family members worked for this business at any time during the first two weeks of March 1949?.....

V. EXPENDITURES IN 1949 <i>(If book figures are not available give best approximations)</i>	VI. STRUCTURES AND EQUIPMENT - APRIL 1, 1950
<p>71. How much wages and salaries were paid to officers, executives, and managers of incorporated establishments in 1949? (Include full amount of salaries, bonuses, etc. before deductions for Social Security, income-tax withholdings, insurance, etc.).... \$ _____</p> <p>72. How much wages and salaries were paid to all employees other than owners, officers, executives, and managers in 1949? (Include full amount of salaries, bonuses, etc. before deductions for Social Security, income-tax withholdings, insurance, etc.).... \$ _____</p> <p>73. How much wages and salaries were paid to year-round employees in 1949?..... \$ _____</p> <p>74. How much wages and salaries were paid to part-time or seasonal employees in 1949? \$ _____ <small>(The total for questions 73 and 74 must equal the amount reported for question 72.)</small></p> <p>75. How much was paid for manures and fertilizers in 1949? (Do not include topsoil.)..... \$ _____</p> <p>76. How much was paid for insecticides and fungicides in 1949?..... \$ _____</p> <p>77. How much was paid for seeds, plants, and bulbs for planting in 1949?..... \$ _____</p> <p>78. How much was paid for seeds, plants, and bulbs purchased for resale in 1949?..... \$ _____</p> <p>79. How much was paid for coal in 1949?..... \$ _____</p> <p>80. How many tons of coal were purchased in 1949?..... _____ Tons</p> <p>81. How much was paid for fuel oil in 1949?.... \$ _____</p> <p>82. How many gallons of fuel oil were purchased in 1949?..... _____ Gallons</p> <p>83. How much was paid for gas for heating in 1949?..... \$ _____</p> <p>84. How many cubic feet of gas for heating were purchased in 1949?..... _____ Cubic feet</p> <p>85. How much was paid for advertising, including the cost of catalogues and mailing pieces, and amounts paid to trade associations, etc. in 1949?.... \$ _____</p>	<p>86. What is the total value of land, structures and equipment owned and/or rented by this business in this State in 1949?..... \$ _____</p> <p style="text-align: center;"><u>Greenhouses</u></p> <p>87. How much land area is covered by greenhouses?..... _____ Square feet of land area covered</p> <p style="text-align: center;"><u>Frames and Storage</u></p> <p>96. How much land area is covered by frames?..... _____ Square feet of land area covered</p> <p>99. How much floor area is there in storage houses?..... _____ Square feet of floor area</p> <p>100. How much storage is refrigerated?..... _____ Cubic feet</p> <p>Remarks and Explanations: _____ _____ _____ _____</p> <p>This is to certify that the information contained in this report is correct and complete to the best of my knowledge and belief.</p> <p>Name _____ (Signature and title of person furnishing the information)</p> <p>Address _____ Street or R. D. Number _____ Post Office _____ State _____ Date _____ Month _____ Day _____ 1950</p>

Chapter D
FLOWER-SEED FARMS

(751)

Chapter D

FLOWER-SEED FARMS

Scope of census.—The special census of flower-seed farms includes establishments engaged in the production of flower seeds for sale. While these establishments were included in the general Census of Agriculture detailed data regarding them and the production of flower seeds were obtained only in the special census.

Period covered by the census.—This special census covers, in general, operations in the calendar year 1949. However, a small proportion of the establishments, which maintained their records on a fiscal-year basis and which were unable to report on a calendar year basis, were permitted to report for the fiscal year that included at least one-half of the calendar-year 1949. Regardless of the year used, the data on employment and on structures and equipment were to be reported for the period specified on the questionnaires.

Questionnaire used for the 1950 Census.—A special questionnaire was used for flower-seed farms. A facsimile of this questionnaire appears in the appendix to this chapter.

THE ENUMERATION

The enumeration.—The enumeration for the special census of flower-seed farms was conducted largely by mail. Reports from establishments from which reports could not be obtained by mail were obtained through the assistance of personnel of State agricultural colleges and State Departments of Agriculture. Lists of producers were obtained from trade associations, commercial mailing lists, directories, and State Departments of Agriculture. These lists were checked against the list of producers as reported by the 1950 Census of Agriculture.

PRESENTATION OF STATISTICS

This report presents statistics for the United States, California, and "all other States."

Comparability of data for prior censuses.—Comparative data are not presented in this report for prior censuses for several reasons: First, in 1950, the data applied only to establishments with total sales of \$1,000 or more, whereas, in prior censuses, all establishments having any sales were included, provided these places qualified as farms under the Census definition. Second, the data on value of crops for the 1950 Census relate to the value of crops sold, calculated on the basis of the value at wholesale prices; whereas, the value of crops reported in prior censuses represents the value of the crops as they were sold, i.e., some at wholesale prices, others at retail prices.

Comparability of data obtained in the 1950 Census of Agriculture.—The data obtained in this special census are not comparable with those obtained in the 1950 Census of Agriculture for several reasons: First, the Census of Agriculture includes data for all establishments producing flower seeds qualifying as Census farms, whereas this special census includes only those establishments having sales of \$1,000 or more. Second, the Census of Agriculture includes only totals for area and sales for a group of crops while the special census provides detailed data regarding individual crops.

Third, the values reported for the Census of Agriculture represent the amount received by the farm operator when he sold the crops. This amount may represent sales at retail prices or at wholesale prices.

DEFINITIONS AND EXPLANATIONS

Definitions and explanations are presented only for those items for which the table descriptions are considered to be inadequate. The definitions consist primarily of a resumé of the questions in the questionnaire. For the exact phrasing of the inquiries and of the instructions included in the questionnaire, reference should be made to the facsimile of the questionnaire shown in the appendix.

Establishment represents the operations of an ownership or proprietorship engaged in the production for sale of flower seeds. Usually if the operations were carried on in more than one State, the operation in each State was considered an establishment.

Type of organization represents types of ownership. Establishments are classified as individual proprietorships, partnerships, and corporations.

Total sales, for the purpose of this report, represent gross sales excluding returns and allowances. Sales include all wholesale sales and all retail sales of a given establishment. Sales include also the value of products sold on a commission basis and sales taxes.

Wholesale sales represent the total of wholesale sales to wholesale establishments and wholesale sales to retail and other establishments.

Wholesale sales to wholesale establishments represent the wholesale sales to establishments recognized as commission merchants, wholesale merchants, and other wholesale selling establishments, brokers, agents, assemblers, or others primarily engaged in wholesale trade and not engaged in production or retail trade.

Wholesale sales to retail and other establishments represent sales made directly to those engaged in production or in retail trade.

Retail sales represent all sales other than wholesale sales. This item includes goods and services purchased and resold at retail as well as products grown and sold at retail.

Value at wholesale prices of all crops sold represent the total obtained by adding the wholesale value of all individual crops sold as reported by a respondent. Respondents were asked to report the value at wholesale prices of each crop sold.

Proprietors of unincorporated establishments include all those who in the operation of individual proprietorships or partnerships devoted, in 1949, a major portion of their time to the business.

Unpaid family workers consist of the number of family members (wives, children, relatives, or others of the household of owners or managers) who worked at any time during the first two weeks of March 1949, but were not paid a wage or salary.

Paid officers of corporations consist of officers of incorporated establishments who were paid salaries.

All other paid employees for the pay period ending nearest March 15, 1949, include all hired persons except paid corporation officers who were on the payroll at that time.

Paid employees in year-round positions include all hired employees who are retained on the payroll throughout the year, with the exception of paid officers of corporations.

Expenditures for wages and salaries include all payments to employees and officers but do not include any allowance for work performed by proprietors of unincorporated establishments, or unpaid family members.

Expenditures for manure and fertilizer include expenditures for commercial fertilizer and manure but do not include expenditures for topsoil.

Expenditures for insecticides and fungicides include those expenditures for such materials used for the production of flower-seed crops but do not include insecticides and fungicides purchased for resale.

Expenditures for seeds, plants, and bulbs for planting do not include expenditures for those items which were purchased for resale. The questionnaire provided for separation of the purchases for planting and those for resale.

Expenditures for coal, fuel oil, and gas include only coal, fuel oil, and gas purchased for heating of greenhouses and similar production facilities. This item does not include fuel for use in automobiles, trucks, or tractors.

Expenditures for advertising include the usual expenditures for this purpose as well as the cost of catalogues and mailing pieces, and dues paid to trade associations.

Size of establishment refers to the classification of establishments by size of operation on the basis of the total value at wholesale prices of all crops sold.

Value of land, structures, and equipment include the value of structures directly connected with the business. In some instances, it may include the value of the operator's residence and other structures, not directly connected with the business, on the place where the production and selling operations are performed.

Greenhouse area represents the square feet of land covered by greenhouse structures. In the average greenhouse establishment two-thirds of the amount reported can be considered as the square footage of bench or bed area.

Area of frames represents the square feet of land area covered.

Storage-house floor area consists of the square feet of floor area regardless of whether there is more than one story in the structure.

Refrigerated storage represents the capacity in cubic feet of such facilities. The floor area of the refrigerated storage space is included in the area for storage-house floor area.

RELIABILITY OF DATA

There are no reliable data with which statistics secured in this special census can be compared. The enumeration of general data for horticultural-specialty products in the 1950 Census of Agriculture provided an independent source for checking the list of establishments compiled from other sources.

The information obtained from the individual establishments was examined during the office processing. Questionable entries were examined by technical personnel and, in case of important items, questionable information was verified or corrected on the basis of correspondence with the establishment.

It is believed that the coverage of establishments is at least 97 percent complete. The limiting of this special census to establishments having sales of \$1,000 or more, made it possible to obtain relatively complete reports for all establishments as the very small establishments with inadequate records were excluded from the censuses. For establishments having about 2 percent of the total sales of all establishments, it was necessary to estimate detailed data for the quantity of crops sold, the value of crops at wholesale prices, etc. These estimates were based upon data obtained in the 1950 Census of Agriculture, State certification reports, and reports for establishments producing similar crops or products.

SUMMARY OF DATA

Only 60 flower-seed farms were reported in the special Census of Horticultural Specialties. Of these, 36 were reported in California, 7 in Oregon, 5 in Ohio, and 3 in Colorado.

The total sales of these 60 flower-seed farms were \$1,923,082. Over 90 percent of the flower-seed sales by these establishments were wholesale sales. The wholesale value of all crops sold totaled \$1,826,226 and represented 95 percent of total sales. Five establishments having a value of crops at \$100,000 or more reported over three-fourths of the value of all crops at wholesale prices.

On the basis of value of crops at wholesale prices the five leading flower-seed crops were: zinnias, with a value of \$177,211; sweet peas, with a value of \$152,784; double or fancy petunias, with a value of \$139,317; stock, with a value of \$137,904; and asters, with a value of \$113,484.

FLOWER-SEED FARMS

State Summary Table 1.—ESTABLISHMENTS, SALES, VALUE OF CROPS AT WHOLESALE PRICES, EMPLOYMENT, EXPENDITURES, STRUCTURES, EQUIPMENT, AND FLOWER SEED SOLD: CENSUS OF 1950

Item	United States	California	All other States
Establishments.....total number..	60	36	24
Establishments operated by—			
Individuals.....number..	30	22	8
Partnerships.....number..	20	10	10
Corporations.....number..	10	4	6
SALES IN 1949			
Total sales.....dollars..	1,923,082	1,565,670	357,412
Average per establishment.....dollars..	32,051	43,491	14,892
percent distribution..	100.0	81.4	18.6
All wholesale sales.....establishments reporting..	59	36	23
dollars..	1,801,624	1,565,670	235,954
percent of total sales..	93.7	100.0	66.0
percent distribution..	100.0	86.9	13.1
To wholesale establishments.....establishments reporting..	46	29	17
dollars..	479,739	370,051	109,688
percent of all wholesale sales..	26.6	23.6	46.5
To retail and other establishments.....establishments reporting..	16	8	8
dollars..	1,321,885	1,195,619	126,266
percent of all wholesale sales..	73.4	76.4	53.5
All retail sales.....establishments reporting..	4	.....	4
dollars..	121,458	.....	121,458
percent of total sales..	6.3	.....	34.0
percent distribution..	100.0	.....	100.0
Value of crops at wholesale prices.....establishments reporting..	60	36	24
dollars..	1,826,226	1,565,670	260,556
percent of total sales..	95.0	100.0	72.9
percent distribution..	100.0	85.7	14.3
VALUE GROUPS			
Establishments with value of crops at wholesale prices of—			
Less than \$10,000.....number reporting..	44	27	17
crop value, thousands of dollars..	186	109	77
percent of total..	10.2	7.0	29.6
\$10,000 to \$24,999.....number reporting..	7	3	4
crop value, thousands of dollars..	109	36	73
percent of total..	6.0	2.3	28.1
\$25,000 to \$49,999.....number reporting..	3	1	2
crop value, thousands of dollars..	96	42	54
percent of total..	5.3	2.7	20.7
\$50,000 to \$74,999.....number reporting..	1	.....	1
crop value, thousands of dollars..	56	.....	56
percent of total..	3.1	.....	21.5
\$75,000 to \$99,999.....number reporting..	.....	.....	.....
crop value, thousands of dollars..	.....	.....	.....
percent of total..	.....	.....	.....
\$100,000 to \$249,999.....number reporting..	3	3	.....
crop value, thousands of dollars..	555	555	.....
percent of total..	30.4	35.4	.....
\$250,000 and over.....number reporting..	2	2	.....
crop value, thousands of dollars..	824	824	.....
percent of total..	45.1	52.6	.....
EMPLOYMENT IN 1949			
Total employment.....establishments reporting..	60	36	24
persons..	570	441	129
Average per establishment.....persons..	9.50	12.25	5.38
Proprietors of unincorporated establishments.....establishments reporting..	47	31	16
persons..	66	46	20
percent of total employment..	11.6	10.4	15.5
Unpaid family workers.....establishments reporting..	12	7	5
persons..	18	12	6
percent of total employment..	3.2	2.7	4.7
Paid officers of corporations.....establishments reporting..	6	2	4
persons..	19	12	7
percent of total employment..	3.3	2.7	5.4
All other paid employees for pay period March 15, 1949.....establishments reporting..	36	18	18
persons..	467	371	96
percent of total employment..	81.9	84.1	74.4
Paid employees in year-round positions.....establishments reporting..	19	8	11
persons..	242	218	24
percent of all other paid employees..	51.8	58.8	25.0

HORTICULTURAL SPECIALTIES

State Summary Table 1.—ESTABLISHMENTS, SALES, VALUE OF CROPS AT WHOLESALE PRICES, EMPLOYMENT, EXPENDITURES, STRUCTURES, EQUIPMENT, AND FLOWER SEED SOLD: CENSUS OF 1950—Continued

Item	United States	California	All other States
SPECIFIED EXPENDITURES IN 1949			
Total of all specified expenditures.....establishments reporting..	60	36	24
.....dollars..	993,608	818,751	174,857
Average per establishment.....dollars..	16,560	22,743	7,286
Wages and salaries paid:			
Officers of corporations.....establishments reporting..	6	2	4
.....dollars..	103,838	82,780	21,058
Average per establishment reporting.....dollars..	17,306	41,390	5,264
All other paid employees.....establishments reporting..	46	26	20
.....dollars..	726,666	627,999	98,667
Average per establishment reporting.....dollars..	15,797	24,154	4,933
Year-round employees.....establishments reporting..	19	8	11
.....dollars..	493,059	444,012	49,047
Average per establishment reporting.....dollars..	25,950	55,502	4,459
Part-time or seasonal employees.....establishments reporting..	42	25	17
.....dollars..	233,607	183,987	49,620
Average per establishment reporting.....dollars..	5,562	7,359	2,919
Manure and fertilizer.....establishments reporting..	55	33	22
.....dollars..	36,590	32,347	4,243
Average per establishment reporting.....dollars..	665	980	193
Insecticides and fungicides.....establishments reporting..	52	32	20
.....dollars..	14,403	13,499	904
Average per establishment reporting.....dollars..	277	422	45
Seeds, plants, and bulbs for planting.....establishments reporting..	42	27	15
.....dollars..	23,840	15,209	8,631
Average per establishment reporting.....dollars..	568	563	575
Coal.....establishments reporting..	10	.....	10
.....tons..	636	.....	636
.....dollars..	5,456	.....	5,456
Fuel oil.....establishments reporting..	2	.....	2
.....gallons..	3,880	.....	3,880
.....dollars..	438	.....	438
Gas for heating.....establishments reporting..	2	2	.....
.....dollars..	623	623	.....
Advertising.....establishments reporting..	35	18	17
.....dollars..	81,754	46,294	35,460
STRUCTURES AND EQUIPMENT, APRIL 1, 1950			
Value of land, structures, and equipment.....establishments reporting..	60	36	24
.....dollars..	2,683,430	2,348,344	135,086
Greenhouse area.....establishments reporting..	15	2	13
.....square feet..	89,605	12,475	77,130
Frame area.....establishments reporting..	9	4	5
.....square feet..	87,160	59,000	28,160
Storage-house floor area.....establishments reporting..	15	6	9
.....square feet..	88,176	58,160	30,016
Refrigerated storage capacity.....establishments reporting..	2	.....	2
.....cubic feet..	108	.....	108
FLOWER SEED SOLD IN 1949			
Aster.....establishments reporting..	9	9	.....
.....crop value..dollars..	113,484	113,484	.....
Begonia.....establishments reporting..	2	1	1
.....crop value..dollars..	4,047	1,687	2,360
Delphinium.....establishments reporting..	6	6	.....
.....crop value..dollars..	83,122	83,122	.....
Larkspur.....establishments reporting..	10	10	.....
.....crop value..dollars..	46,545	46,545	.....
Marigold.....establishments reporting..	7	7	.....
.....crop value..dollars..	67,343	67,343	.....
Nasturtium.....establishments reporting..	9	9	.....
.....crop value..dollars..	81,964	81,964	.....
Petunia (regular).....establishments reporting..	11	9	2
.....crop value..dollars..	93,054	92,110	944
Petunia (fancy or double).....establishments reporting..	10	7	3
.....crop value..dollars..	139,317	101,449	37,868
Snapdragon (regular).....establishments reporting..	15	9	6
.....crop value..dollars..	63,094	39,190	23,904
Snapdragon (hybrid).....establishments reporting..	10	1	9
.....crop value..dollars..	57,587	3,000	54,587
Stock.....establishments reporting..	8	7	1
.....crop value..dollars..	137,904	131,895	6,009
Sweet pea.....establishments reporting..	14	14	.....
.....crop value..dollars..	152,784	152,784	.....
Zinnia.....establishments reporting..	15	13	2
.....crop value..dollars..	177,211	164,970	12,241
All other.....establishments reporting..	31	18	13
.....crop value..dollars..	608,770	486,127	122,643

APPENDIX D

(757)

This inquiry is authorized by Act of Congress (46 Stat. 21; 13 U S C 201-218) which requires that you file a report. Your report is accorded confidential treatment, subject to the provisions of law. Your Census report will be used for statistical purposes only and cannot be used for purposes of taxation, investigation, or regulation.

BUDGET BUREAU NO. 41-5027
 APPROVAL EXPIRES DECEMBER 31, 1951

Form

A14

UNITED STATES DEPARTMENT OF COMMERCE
 BUREAU OF THE CENSUS
 WASHINGTON 25

SEVENTEENTH DECENNIAL CENSUS OF THE UNITED STATES: 1950
 SPECIAL QUESTIONNAIRE FOR FLOWER SEED FARMS

I. OPERATOR, APRIL 1, 1950

1. Name of establishment _____
2. Address _____ Street or R.D. Number _____ Post Office _____
 _____ County _____ State _____
3. Name of Owner, Corporation President, or Manager _____
4. Main office _____ Street or R.D. Number _____ Post Office _____
 _____ County _____ State _____
5. Kind of business:

(a) Did this establishment grow and sell \$1,000 or more of cut flowers and flowering or foliage plants grown under glass or cloth or in the open (including propagated mushrooms and vegetables under glass) in 1949?..... No Yes

(If the answer is "Yes" it is necessary for you to fill in a questionnaire for producers of cut flowers and flowering or foliage plants. If Form No. A11 for producers of cut flowers and flowering or foliage plants is not enclosed, write to the Bureau of the Census, Washington 25, D.C., requesting a copy.)

(b) Did this establishment grow and sell \$1,000 or more of nursery stock in 1949?..... No Yes

(If the answer is "Yes" it is necessary for you to fill in a questionnaire for nurseries. If Form No. A12 for nurseries is not enclosed, write to the Bureau of the Census, Washington 25, D.C., requesting a copy.)

(c) Did this establishment grow and sell \$1,000 or more of bulbs in 1949?..... No Yes

(If the answer is "Yes" it is necessary for you to fill in a questionnaire for bulb farms. If Form No. A13 for bulb farms is not enclosed, write to the Bureau of the Census, Washington 25, D.C., requesting a copy.)

(d) Did this establishment grow and sell \$1,000 or more of flower seed in 1949?..... No Yes

(If the answer is "Yes" it is necessary for you to fill in the following parts of this questionnaire. If the answer is "No" sign your name on page 4 and mail this form in the enclosed envelope to the Bureau of the Census, Washington 25, D.C.)

(If you are a wholesaler or broker, and did not grow and sell \$1,000 or more of the Horticultural Specialty products listed under 5(a), 5(b), 5(c), or 5(d), check "No" for each of these questions, sign your name on page 4 and return this questionnaire to the Bureau of the Census, Washington 25, D.C.)

The following questions relate only to the production and sale of flower seed. If you grew and sold \$1,000 or more of cut flowers and flowering or foliage plants (including propagated mushrooms and vegetables under glass), nursery stock, or bulbs [as indicated by having answered "Yes" to questions 5(a), 5(b), or 5(c)], the figures in Parts II, IV, V, and VI for sales, employment, expenditures, and value, land, structures and equipment should be divided or prorated among the various kinds of business so that separate totals may be obtained for each kind of business.

I. OPERATOR, APRIL 1, 1950 - Continued

6. Is this business owned by (check one)
 (a) An individual proprietor? (b) A partner-ship? (c) A corporation?
 7. In what year was this business originally established? Year
 8. Does this business operate branches or subsidiaries? NO YES
 9. If the answer to question 8 is "Yes" give names and addresses of branches or subsidiaries.

(a) Name _____
 Address _____ Street or R.D. Number _____ Post Office _____
 _____ County _____ State _____

(b) Name _____
 Address _____ Street or R.D. Number _____ Post Office _____
 _____ County _____ State _____

(c) Name _____
 Address _____ Street or R.D. Number _____ Post Office _____
 _____ County _____ State _____

(If branches or subsidiaries are located in another State, a separate return must be submitted for each State to cover all the branches or subsidiaries maintained in that State.)

10. For what period does this report apply?

Month _____ 19 _____ to _____ 19 _____ Month

(If book figures are not available for the answer to any question, please give best approximations. If your records are not kept on calendar-year basis you may report for the fiscal year that includes at least one-half of the calendar year 1949.)

II. SALES IN 1949
 (If book figures are not available give best approximations)

SALES

11. What was the total value of all sales of this business in 1949 (including any sales tax and the selling value of products sold on a commission basis but excluding returns and allowances)? \$ _____

12. What was the total value of all wholesale sales made by this business in 1949? None \$ _____
 (If the answer to question 12 is "None," check "None" above and skip to question 15.)

13. What was the total value of all wholesale sales made by this business through commission merchants, wholesale merchants, or other wholesale selling establishments in 1949? \$ _____

14. What was the total value of all wholesale sales not made through commission merchants, wholesale merchants, or other wholesale selling establishments but made directly to retail selling establishments by this business in 1949? \$ _____
 (The total for questions 13 and 14 must equal the amount reported for question 12.)

15. What was the total value of all retail sales made by this business in 1949? None \$ _____
 (If the answer to question 15 is "None," check "None" above and skip to question 16.)

(The total for questions 12 and 15 must equal the amount reported for question 11.)

III. CROP SALES (If book figures are not available give best approximations)						
Kind of Seed	Acres harvested in 1949 (Report tenths of an acre, such as 1/10, 1 4/10, etc.)	Production in 1949 (pounds)	Value of sales in 1949 at wholesale prices	Kind of Seed	Acres harvested in 1949 (Report tenths of an acre, such as 1/10, 1 4/10, etc.)	Production in 1949 (pounds)
16. Aster.....	10		\$	28. Sweet Pea.....	10	
17. Begonia.....	10		\$	29. Zinnia.....	10	
18. Cyclamen.....	10		\$	30. All other (give name)		
19. Delphinium.....	10		\$	<input type="checkbox"/> None (If the answer to question 30 is "None," check "None" above and skip to question 66.)		
20. Larkspur.....	10		\$			
21. Marigold.....	10		\$			
22. Nasturtium.....	10		\$			
23. Petunia (regular)....	10		\$			
24. Petunia (fancy or double)	10		\$			
25. Snapdragon (regular)..	10		\$			
26. Snapdragon (hybrid)..	10		\$			
27. Stock.....	10		\$			

IV. EMPLOYMENT IN 1949

NUMBER OF PERSONS
66. If this business is unincorporated, what was the number of proprietors generally devoting a major portion of their time to this business in 1949?.....
67. If this business is incorporated, what was the number of paid corporation officers, executives, and managers in 1949?.....
68. How many other employees were on the payroll of this business during the pay period ending nearest March 15, 1949? (Include year-round as well as part-time or seasonal employees.).....
69. How many of the employees on the payroll during the pay period ending nearest March 15, 1949, held year-round positions?.....
70. How many unpaid family members worked for this business at any time during the first two weeks of March 1949?.....

