

N. Curtis Mumford

Extension Circular No. 318

September 1938

PRODUCTION AND INCOME STATISTICS
for
CERTAIN SPECIALTY FARM PRODUCTS
OREGON - 1936

by

M. D. Thomas, L. R. Breithaupt
and C. J. Borum

State and county estimates of acreage, production, price and income,
prepared by the Oregon State College Extension Service and the Bureau of
Agricultural Economics of the United States Department of Agriculture

OREGON STATE COLLEGE — EXTENSION SERVICE
Wm. A. Schoenfeld, Director, Corvallis, Oregon
Cooperative Extension work in Agriculture and Home Economics
Oregon Agricultural College and United States Department of Agriculture
Cooperating

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CORVALLIS

OREGON STATE AGRICULTURAL COLLEGE
AND UNITED STATES DEPARTMENT OF AGRICULTURE
COOPERATING

EXTENSION SERVICE
AGRICULTURAL ECONOMICS

September 20, 1938

Director Wm. A. Schoenfeld
Oregon Agricultural Extension Service
Oregon State College
Corvallis, Oregon

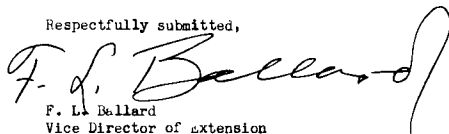
Dear Director Schoenfeld:

I have the honor to transmit herewith the first annual estimates of certain specialty farm products produced in Oregon, as prepared in cooperation with the Bureau of Agricultural Economics of the United States Department of Agriculture, under the provisions of Chapter 296, Oregon Laws, 1937, and other authority.

Agriculture, like all great industries, needs accurate and complete statistical information for the guidance of production and marketing operations. Such data are used by farmers, farm organizations, and by farmers' agents, representatives and spokesmen, in planning agricultural production to meet market demands; in connection with various marketing programs involving standardization, warehousing, credit, advertising and distribution; as a basis for agricultural legislation; in tariff and trade agreement problems; in transportation matters involving facilities and rates; and in working out such vast projects as the agricultural adjustment, land use, and soil conservation programs.

This bulletin is an important addition to the agricultural statistics for the State of Oregon. It is particularly desirable that estimates of Oregon's specialty products should be available from year to year. It will be observed that the report herewith shows the data arranged by counties and type of farming districts, a procedure of much value which should if possible be extended to our principal products as well.

Respectfully submitted,



F. L. Ballard
Vice Director of extension

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This report, which is a summary of information obtained through an extensive survey in the 36 counties of the state, presents the first annual state and county estimates of acreage, production, price and income from certain specialty farm products grown in Oregon.

Annual estimates of principal crops grown generally in this country have been made on a state-wide basis for many years by the United States Department of Agriculture. However, annual county estimates have not been prepared regularly and data on many specialty products important in this state have been incomplete or entirely lacking. For instance, the Bureau of Agricultural Economics estimated the state's cash farm income at \$110,245,000* for 1936, but this sum does not include numerous farm products such as vetch seed, field pea seed, Italian rye grass, bent grass, and other grass seeds, Ladino clover seed, flaxseed, fiber flax, filberts, peppermint, turkeys, geese, ducks, fur-bearing animals, honey and some other crop and animal products which are referred to in this report as specialty crops.

The estimates published herein are based upon information obtained through personal contact with more than 700 informed persons--growers, shippers, dealers, manufacturers, federal agricultural statisticians, county agricultural agents, experiment station staff, state department of agriculture officials and others in the 36 counties of the state--as well as considerable correspondence and study of historical data. Indebtedness and appreciation to all who have cooperated and contributed in any way to make this publication as accurate and complete as possible is gratefully acknowledged.

Explanation of Terms

Estimates are expressions of judgment regarding what is true at any given time based upon partial data, past relationships, calculation, appraisal and general knowledge of the subject under consideration and are published subject to revision.

Harvested acreage is estimated acreage from which all or any part of the crop is harvested.

Farm production relates to the total outturn of the given commodity, irrespective of use, whether sold, consumed by the farm family or consumed in production of further farm products on the farm where grown.

Average farm price is the weighted average of prices received by farmers at usual marketing points for quantities sold during a crop year.

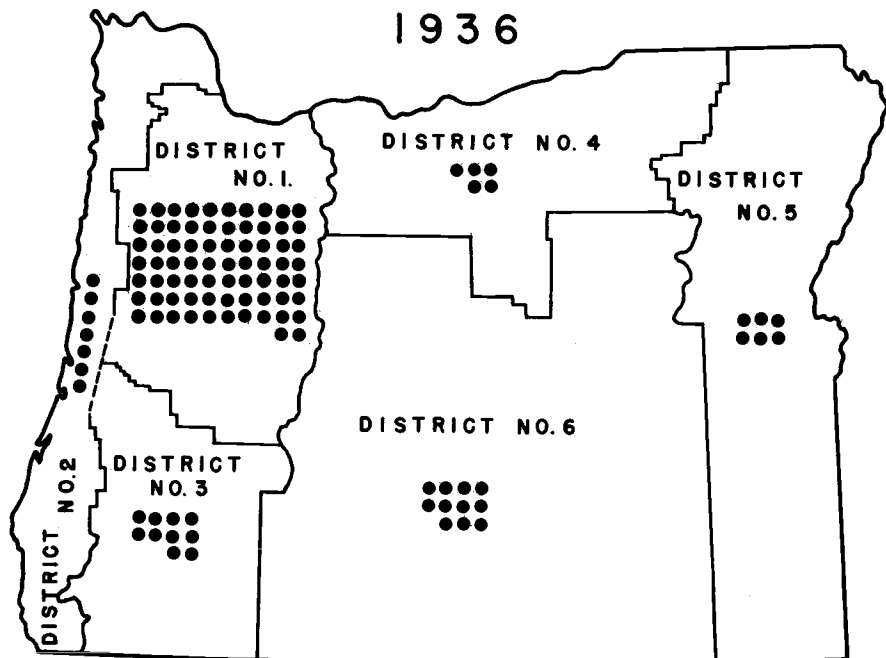
Cash farm income is intended to represent the money income of farmers from crop and animal products and is obtained by evaluating, at the average farm price, quantities produced during a crop year and sold or held for sale.

Farm value may be obtained by evaluating farm production at the average farm price and would differ from cash farm income by including value of quantities used on the farm where produced.

* Includes government payments of \$2,815,000.

OREGON CASH FARM INCOME FROM CERTAIN SPECIALTY FARM PRODUCTS BY TYPE OF FARMING DISTRICTS

Each dot (●) represents \$100,000 from crop
and animal products.



- District No. 1.- Willamette Valley counties: Benton, Clackamas, Lane, Linn, Marion, Multnomah, Polk, Washington and Yamhill.
- District No. 2.- Coast and Lower Columbia counties: Clatsop, Columbia, Coos, Curry, Lincoln and Tillamook.
- District No. 3.- Southern Oregon counties: Douglas, Jackson and Josephine.
- District No. 4.- Columbia Basin counties: Gilliam, Hood River, Morrow, Sherman, Umatilla, Wasco and Wheeler.
- District No. 5.- East Border counties: Baker, Malheur, Union and Wallowa.
- District No. 6.- South Central counties: Crook, Deschutes, Grant, Harney, Jefferson, Klamath and Lake.

Source of data: Table 1.

Table 1.- Cash farm income estimates of certain specialty crops and products,
by groups of items and type of farming districts, Oregon, 1936 ^{1/}

Group	District	District	District	District	District	District	State
	1	2	3	4	5	6	total
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Certain forage							
seed crops ^{2/}	1,907,800	160,200	62,575	28,200	487,365	491,160	3,137,300
Certain field and							
drug crops ^{3/}	259,300	107,800	5,700	72,900	700	---	446,400
Certain small fruit							
and nut crops ^{4/}	1,399,700	---	30,200	14,450	10,050	2,400	1,456,800
Certain horticultural							
crops ^{5/}	2,136,700	141,600	274,900	127,300	55,800	19,700	2,756,000
Certain animal							
products ^{6/}	1,550,700	245,000	678,800	262,800	40,300	568,900	3,346,500
Totals ^{7/}	7,254,200	654,600	1,052,175	505,650	594,215	1,082,160	11,143,000

^{1/} See map, page 3.

^{2/} See table 2, for crops included.

^{3/} See table 3, for crops included.

^{4/} See table 4, for crops included.

^{5/} See table 5, for items included.

^{6/} See table 6, for items included.

^{7/} The Bureau of Agricultural Economics' estimates of cash farm income include incomplete estimates of some of the farm products accounted for in the totals. Hence, all of the state total \$11,143,000 should not be regarded as additional accountable income. Footnotes to tables 2 to 6 inclusive, indicate a duplication of \$3,945,000 income. It is not possible, however, to state exactly the amount of additional farm income derived from specialty crop and animal products as the survey data on some items such as vegetable seeds, popcorn, minor drug crops, ducks, geese, rabbits for meat, milk goats and their products, honey and some others, are too incomplete to include in the estimates. Furthermore the available estimates of the Bureau of Agricultural Economics are not yet sufficiently itemized to show a complete segregation of 1936 farm income by sources.

Table 2.- Estimates of specialty forage seed crops,
Oregon, 1936

Kind of seed	Area harvested Acres	Farm production Pounds	Average farm price Dol./cwt.	Cash farm income Dollars
Austrian winter peas	20,680	14,766,000	2.80	377,300
Hairy vetch	39,940	8,755,000	6.90	541,300
Common vetch	7,910	4,353,000	3.00	100,000
Hungarian vetch	8,330	4,435,000	2.95	120,400
Purple vetch	1,175	605,000	4.00	22,900
Total vetch seed	57,355	18,148,000	—	784,600
Red clover <u>1/</u>	11,765	2,070,000	23.60	455,100
Alsike clover <u>1/</u>	7,775	2,379,000	17.60	402,600
Ladino clover	1,220	106,200	52.00	53,700
Sweet clover	290	51,000	11.45	4,800
Crimson clover	200	38,000	5.65	2,000
Total clover seed	21,250	4,644,200	—	918,200
Common alfalfa	5,260	902,500	22.10	182,200
Grimm alfalfa	555	93,200	27.65	24,600
Ladak alfalfa	560	31,200	42.20	11,800
Total alfalfa seed <u>2/</u>	6,375	1,026,900	—	218,600
Italian rye grass	23,500	12,898,000	3.90	484,700
English rye grass	775	200,000	8.34	14,800
Bent grass	5,200	664,000	37.50	248,500
Crested wheat grass	685	128,600	43.80	52,000
Other grasses <u>3/</u>	1,830	713,700	—	38,600
Total grass seed	31,990	14,604,300	—	838,600
Grand total	137,650	53,189,400	—	4/ 3,137,300

1/ Unrevised Bureau of Agricultural Economics' estimates of Oregon's 1936 total red and alsike clover seed are: Acres harvested, 24,000; production, 60,000 bushels; average price, \$11.20 a bushel; cash farm income, \$625,000.

2/ Unrevised Bureau of Agricultural Economics' estimates of Oregon's 1936 alfalfa seed (all kinds) are: Acres harvested, 3,500; production, 8,400 bushels; average price, \$11.00 a bushel; cash farm income, \$70,000.

3/ See table 24.

4/ The figure \$3,137,300 is \$2,442,300 greater than the cash farm income from the forage crop seed included in the cash farm income estimates of the Bureau of Agricultural Economics. Data on vegetable seeds and some other specialty seed crops were too incomplete to include in the estimates.

Source of data: Compiled from tables 7 to 24 inclusive.

Table 3.- Estimates of specialty field and drug crops, Oregon, 1936

Kind of crop	Area harvested Acres	Farm production Pounds	Unit	Average farm price Dol./unit	Cash farm income Dollars
Fiber flax	2,540	5,120	Ton	25.00	127,800
Flaxseed ^{2/}	1,685	25,300	Bu.	2.10	52,700
Peppermint for oil ^{3/}	2,045	87,400	Lb.	1.95	170,000
Sugar beets	600	10,800	Ton	6.75	72,900
Ginseng & golden seal	50	--	--	--	23,000
State total	6,920	--	--	--	4/ 446,400

^{1/} Does not include government payments equaling \$24,886.31.

^{2/} Does not include seed from flax grown for fiber.

^{3/} Unrevised Bureau of Agricultural Economics' estimates for 1936 are: Acres, 1,970; production, 79,000 lbs.; price, \$1.80; farm value, \$142,000.

^{4/} The figure \$446,400 is in addition to the items estimated by the Bureau of Agricultural Economics as Oregon cash farm income. Data concerning certain minor drug crops, such as artemesia, pyrethrum, poppy seed and tobacco, were too incomplete to be included in the estimate.

Source of data: Compiled from tables 25 to 29 inclusive.

Table 4.- Estimates of specialty fruit and nut crops, Oregon, 1936

Kind of crop	Area harvested Acres	Farm production Pounds	Average farm price Ct./lb.	Cash farm income Dollars
Red raspberries	3,280	7,334,000	5.7	405,800
Blackcap raspberries	1,065	1,462,000	6.6	95,200
Loganberries	2,120	6,225,000	4.0	242,700
Youngberries	950	1,750,000	5.8	98,000
Blackberries	725	2,900,000	4.1	117,800
Gooseberries	230	555,000	4.1	22,300
Certain small fruits ^{1/}	8,370	20,226,000	--	981,800
Filberts ^{2/}	6,170	3,700,000	13.5	475,000
Grand total	14,540	23,926,000	--	3/ 1,456,800

^{1/} The Bureau of Agricultural Economics estimated a cash farm income for 1936 of \$900,000 for this group of small fruits which does not include strawberries, cranberries and grapes. The estimates of acreage, production, price and cash farm income by kinds were prepared as part of this survey. The Bureau of Agricultural Economics estimated cash farm income from strawberries for market in 1936 at \$2,227,000; cranberries, \$75,000; and grapes, \$50,000.

^{2/} Bureau of Agricultural Economics' estimates of Oregon's filbert crop for 1936 were: Production, 1,850 tons; price \$270 a ton; and farm value, \$500,000. Information obtained in special survey indicated a like production and price. An estimate of harvested acreage and cash farm income which are not included in the Bureau of Agricultural Economics' estimates were prepared through the survey.

^{3/} The figure \$1,456,800 is \$556,800 greater than the amount of cash farm income included for this group in the cash farm income estimates of the Bureau of Agricultural Economics.

Source of data: Compiled from tables 30 to 36 inclusive.

Table 5.- Estimates of specialty horticultural crops and products, Oregon, 1936 1/

Item	Total area grown	Cash farm income
Greenhouse products <u>2/</u>	60	1,152,000
Nursery crops <u>3/</u>	1,860	746,000
Flower bulbs <u>4/</u>	1,040	720,000
Holly	75	50,000
Flower seeds	15	35,000
Cut flowers <u>5/</u>	50	53,000
Total	3,100	<u>6/</u> 2,756,000

1/ Oregon State Department of Agriculture lists over 800 certified and licensed growers of these crops for 1936-37 season.

2/ Approximately 2,600,000 square feet under glass devoted to flower and vegetable crops.

3/ Includes grafted fruit and nut trees, seedling trees, berry plants and cuttings, rose stock, and ornamental plants, bushes and trees.

4/ See tables 39 to 45 inclusive.

5/ Grown in open. Acreage indicated is in addition to bulb acreage from which flowers were sold.

6/ The figure \$2,756,000 is \$406,000 greater than the cash farm income from this group of crops included in the estimates of the Bureau of Agricultural Economics.

Source of data: Compiled from tables 37 to 45 inclusive, and other survey information.

Table 6.- Estimates of specialty animals and products, Oregon, 1936

	Number	Farm production	Average farm price	Cash farm income
Turkeys	<u>1/</u> 1,166,000	17,306,000	17.2	2,846,500
Fur and game farms	<u>2/</u> 400	---	<u>3/</u> <u>4/</u>	500,000
Total	---	---	-- <u>5/</u>	3,346,500

1/ Number raised.

2/ Number of farms raising fur and game animals.

3/ Fox pelts sold averaged about \$40.00 each, while mink pelts averaged approximately \$20.00.

4/ Of the figure \$500,000, approximately 50 per cent was accounted for by the sale of fox pelts and breeders, 40 per cent by the sale of mink pelts and breeders, and 10 per cent by other fur and game animals and products including beaver, muskrat, marten, fitch, nutria, fur-bearing rabbits, venison, trout, pheasants, and some other farm-raised fur and game animals

5/ The figure \$3,346,500 is additional cash farm income not included in the cash farm income estimates of the Bureau of Agricultural Economics. Data concerning certain other animal products including miscellaneous poultry, rabbits, honey and milk goat products were too incomplete to include in the estimate.

Source of data: Compiled from table 46 and other survey data.

Table 7.- Austrian winter pea seed estimates, Oregon, 1936

County or district	Area harvested Acres	Farm production Pounds	Average farm price Dol./cwt.	Cash farm income Dollars
Benton	700	455,000	2.90	12,000
Clackamas	3,500	2,450,000	2.75	61,200
Lane	3,200	2,050,000	2.70	50,100
Linn	5,600	3,640,000	2.80	94,100
Marion	1,500	1,125,000	2.90	29,700
Multnomah	—	—	—	—
Polk	500	375,000	2.75	9,600
Washington	2,700	2,300,000	2.90	60,900
Yamhill	1,200	900,000	2.75	22,700
District 1	18,900	13,295,000	2.80	340,300
Columbia	50	30,000	—	—
Union	300	210,000	2.25	4,500
Crook	40	48,000	3.00	1,200
Deschutes	1,250	1,125,000	2.90	30,000
Lake	140	58,000	2.25	1,300
State total	20,680	14,766,000	2.80	377,300

Table 8.- Hairy vetch seed estimates, Oregon, 1936

Benton	8,800	1,980,000	7.00	126,000
Clackamas	1,100	275,000	7.00	17,100
Lane	3,200	720,000	6.90	44,200
Linn	8,500	1,912,000	6.80	118,300
Marion	900	225,000	6.80	13,600
Multnomah	—	—	—	—
Polk	2,750	688,000	6.80	41,100
Washington	3,900	975,000	7.00	59,500
Yamhill	8,700	1,958,000	6.90	120,000
District 1	37,850	8,733,000	6.90	539,800
Other counties *	90	22,000	6.90	1,500
State total	39,940	8,755,000	6.90	541,300

* Douglas, 40 A.; Deschutes, 40 A.; Lake, 10 A.

Table 9.- Estimates of common vetch seed, Oregon, 1936

County or district	Area harvested	Farm production	Average farm price	Cash farm income
	Acres	Pounds	Dol./cwt.	Dollars
Benton	560	308,000	3.00	7,600
Clackamas	600	300,000	3.00	6,000
Lane	1,000	550,000	3.00	13,500
Linn	1,600	880,000	3.00	22,500
Marion	500	250,000	3.00	4,200
Multnomah	—	—	—	—
Polk	1,800	990,000	3.00	25,500
Washington	620	372,000	3.00	7,500
Yamhill	700	420,000	3.00	10,800
District 1	7,380	4,070,000	3.00	97,600
Douglas	360	198,000	3.25	1,600
Jackson	100	50,000	3.25	300
Other counties *	70	35,000	3.25	500
State total	7,910	4,353,000	3.00	100,000

* Columbia, 50 A.; Josephine, 20 A.

Table 10.- Estimates of Hungarian vetch seed, Oregon, 1936

Benton	950	475,000	3.00	12,800
Clackamas	600	300,000	3.00	8,300
Lane	1,750	960,000	2.90	25,800
Linn	2,980	1,490,000	3.00	41,100
Marion	550	275,000	3.00	7,400
Multnomah	—	—	—	—
Polk	500	250,000	2.90	6,500
Washington	550	415,000	2.90	11,000
Yamhill	450	270,000	3.00	7,500
District 1 and State total	8,330	4,435,000	2.95	120,400

Table 11.- Estimates of purple vetch seed, Oregon, 1936

Benton	35	15,000	4.00	600
Clackamas	40	18,000	4.00	700
Lane	500	300,000	4.00	11,400
Linn	100	45,000	4.00	1,800
Marion	—	—	—	—
Multnomah	—	—	—	—
Polk	—	—	—	—
Washington	—	—	—	—
Yamhill	100	47,000	4.00	1,800
District 1	775	425,000	4.00	16,300
Douglas	400	180,000	4.00	6,600
State total	1,175	605,000	4.00	22,900

Table 12.- Estimates of red clover seed, Oregon, 1936

County or district	Area harvested	Farm production	Average farm price	Cash farm income
	Acres	Pounds	Dol./cwt.	Dollars
Benton	750	90,000	24.00	19,200
Clackamas	400	48,000	23.00	9,200
Lane	500	60,000	24.00	13,200
Linn	1,100	132,000	26.25	31,000
Marion	1,200	120,000	25.00	25,000
Multnomah	--	--	--	--
Polk	1,200	168,000	24.00	37,200
Washington	1,500	150,000	24.00	30,000
Yamhill	1,000	120,000	24.00	25,200
District 1	7,650	888,000	24.32	190,000
Columbia	100	7,500	24.00	1,200
Douglas	110	11,000	22.00	2,200
Josephine	5	500	22.50	100
Umatilla	40	12,000	26.00	3,100
Baker	15	5,000	26.00	1,000
Malheur	3,500	1,050,000	23.00	236,000
Union	75	18,000	26.00	4,600
Crook	45	9,000	23.00	2,000
Deschutes	150	45,000	23.00	10,000
Klamath	40	18,000	22.00	3,500
Lake	35	6,000	24.00	1,400
State total	11,765	2,070,000	23.60	455,100

Table 13.- Estimates of alsike clover seed, Oregon, 1936

Benton	80	12,000	19.00	2,000
Clackamas	60	9,000	19.00	1,600
Lane	50	7,500	19.00	1,300
Linn	550	82,500	19.00	14,200
Marion	350	52,500	19.00	9,500
Multnomah	--	--	--	--
Polk	300	45,000	19.00	8,000
Washington	200	30,000	19.00	5,400
Yamhill	450	67,500	19.00	12,200
District 1	2,040	306,000	19.00	54,200
Malheur	75	30,000	23.00	6,700
Union	10	3,000	20.00	400
Crook	1,400	476,000	17.00	78,700
Deschutes	3,400	1,224,000	17.50	206,500
Klamath	850	340,000	17.00	56,100
State total	7,775	2,379,000	17.60	402,600

Table 14.- Estimates of Ladino clover seed, Oregon, 1936

County or district	Area harvested	Farm production	Average farm price	Cash farm income
	Acres	Pounds	Dol./cwt.	Dollars
Clackamas	5	500	50.00	200
Linn	30	2,500	50.00	1,200
Washington	110	11,000	50.00	5,500
Jackson	30	2,100	50.00	1,000
Josephine	800	52,000	55.00	28,000
Malheur	15	2,600	60.00	1,500
Crook	155	28,000	47.00	13,000
Deschutes	75	7,500	45.00	3,300
State total	1,220	106,200	52.00	53,700

Table 15.- Estimates of sweet clover seed, Oregon, 1936

Lane	15	6,000	12.00	650
Linn	10	3,500	15.00	450
Umatilla	20	4,500	9.00	400
Baker	25	1,000	10.00	100
Union	150	18,000	13.00	2,000
Klamath	40	16,000	8.00	900
Lake	30	2,000	15.00	300
State total	290	51,000	11.45	4,800

Table 16.- Estimates of crimson clover seed, Oregon, 1936

Benton	25	3,000	5.50	100
Clackamas	50	10,000	5.50	500
Linn	65	13,000	5.50	700
Polk	60	12,000	6.00	700
State total	200	38,000	5.65	2,000

Table 17.- Estimates of common alfalfa seed, Oregon, 1936

County or district	Area harvested Acres	Farm production Pounds	Average farm price Dol./ cwt.	Cash farm income Dollars
Baker	500	36,000	25.00	8,800
Malheur	4,000	800,000	22.00	159,500
Union	450	27,000	26.00	6,500
Wallowa	--	--	--	--
District 5	4,950	863,000	22.26	174,800
Jackson	30	7,500	20.00	1,400
Morrow	30	6,000	16.00	900
Umatilla	40	12,000	16.00	1,900
Wheeler	10	1,000	25.00	200
Crook	65	6,500	28.00	1,800
Harney	50	2,500	25.00	500
Lake	85	4,000	18.00	700
State total	5,260	902,500	22.10	182,200

Table 18.- Estimates of Grimm alfalfa seed, Oregon, 1936

Baker	25	2,000	35.00	700
Malheur	300	54,000	25.00	13,000
Union	85	12,000	35.00	3,900
Wallowa	--	--	--	--
District 5	410	68,000	26.80	17,600
Polk	20	4,400	38.00	1,500
Douglas	30	5,000	35.00	1,700
Crook	15	1,600	32.00	500
Deschutes	20	2,200	32.00	700
Grant	10	2,000	26.00	400
Klamath	50	10,000	25.00	2,200
State total	555	93,200	27.65	24,600

Table 19.- Estimates of Ladak alfalfa seed, Oregon, 1936

Baker	160	8,000	47.00	3,300
Malheur	25	2,500	30.00	700
Union	350	17,500	42.00	6,700
Wallowa	3	600	50.00	200
District 5	538	28,600	42.32	10,900
Crook	15	1,200	42.00	500
Grant	7	1,400	40.00	400
State total	560	31,200	42.20	11,800

Table 20.- Estimates of Italian rye grass seed, Oregon, 1936

County or district	Area harvested Acres	Farm production * Pounds	Average farm price Dol./cwt.	Cash farm income Dollars
Benton	1,750	888,000	4.00	34,100
Clackamas	50	20,000	4.50	900
Lane	3,600	2,120,000	3.80	78,200
Linn	15,500	8,700,000	3.85	323,400
Marion	1,350	608,000	4.35	25,400
Multnomah	--	--	--	--
Polk	750	337,000	4.35	14,100
Washington	--	--	--	--
Yamhill	500	225,000	4.00	8,600
District 1 and State total	23,500	12,898,000	3.90	484,700

* Production includes following estimated quantities grown with other crops: Benton, 100,000 pounds; Lane, 500,000; Linn, 2,500,000.

Table 21.- Estimates of English rye grass seed, Oregon, 1936

Benton	--	--	--	--
Clackamas	50	20,000	8.00	1,400
Lane	40	15,000	8.00	1,000
Linn	600	118,000	7.75	7,800
Marion	10	4,000	8.00	300
Multnomah	--	--	--	--
Polk	10	4,000	10.00	400
Washington	65	39,000	10.00	3,900
Yamhill	--	--	--	--
District 1 and State total	775	200,000	8.34	14,800

Table 22.- Estimates of bent grass seed, Oregon, 1936

Benton	10	800	35.00	200
Lane	500	32,500	35.00	11,300
Linn	40	2,000	35.00	700
Marion	370	18,500	35.00	6,500
Polk	30	2,200	35.00	700
Clatsop	2,000	370,000	38.00	140,600
Coos	300	38,000	40.00	15,200
Douglas	430	38,700	40.00	15,400
Klamath	1,500	160,000	36.00	57,600
Other counties *	20	1,300	38.33	300
State total	5,200	664,000	37.50	248,500

* Yamhill, 3 A.; Curry, 4 A.; all others, 13 A.

Table 23.- Estimates of crested wheat grass seed, Oregon, 1936

County or district	Area harvested Acres	Farm production Pounds	Average farm price Dol./cwt.	Cash farm income Dollars
Gilliam	40	5,500	45.00	2,000
Hood River	—	—	—	—
Morrow	40	5,000	40.00	2,000
Sherman	15	2,000	45.00	700
Umatilla	165	45,000	40.00	16,000
Wasco	10	1,000	50.00	300
Wheeler	15	1,500	50.00	700
District 4	285	60,000	41.16	21,700
Baker	75	9,000	50.00	4,000
Malheur	80	18,000	45.00	8,100
Union	100	30,000	47.00	13,600
Wallowa	5	700	45.00	300
District 5	260	57,700	46.75	26,000
Crook	2	200	50.00	100
Deschutes	5	1,100	40.00	400
Grant	40	2,800	40.00	1,000
Harney	40	2,000	50.00	1,000
Jefferson	15	1,000	40.00	400
Klamath	3	300	50.00	100
Lake	35	3,500	40.00	1,300
District 6	140	10,900	42.35	4,300
State total	685	128,600	43.80	52,000

Table 24.- Other grass seed crop estimates, Oregon, 1936

Kind of grass seed	Area harvested Acres	Farm production Pounds	Average farm price Dol./cwt.	Cash farm income Dollars
Chewing fescue grass 1/	50	10,000	30.00	2,700
Tall oat grass 2/	5	1,200	18.00	200
Timothy grass 3/	260	20,000	7.80	800
Reed canary grass 4/	75	16,000	37.00	5,200
Kentucky blue grass 5/	700	70,000	20.00	13,000
Bulbous blue grass 6/	—	17,000	20.00	3,400
Orchard grass 7/	20	3,500	15.00	500
Sudan grass 8/	720	576,000	2.50	12,800
State total	1,830	713,700	—	38,600

1/ Benton, 22 A.; Linn, 20 A.; Clackamas, 5 A.; Union, 1 A.; all others, 2 A. 2/ Clackamas, 5 A. 3/ Union, 150 A.; Klamath, 100 A.; Wallowa, 10 A. 4/ Coos, 50 A.; Washington, 20 A.; Benton, 1 A.; Clackamas, 1 A.; all others, 3 A. 5/ All Klamath. 6/ Harvested from alfalfa acreage, Jackson county. 7/ Washington, 15 A.; Yamhill, 5 A. 8/ Linn, 670 A.; Yamhill, 50 A.

Table 25.- Estimates of fiber flax, Oregon, 1936

County or district	Area harvested	Farm production	Average farm price	Cash farm income *
	<u>Acres</u>	<u>Tons</u>	<u>Dol./ton</u>	<u>Dollars</u>
Benton	--	--	--	--
Clackamas	1,120	2,223	25.00	55,500
Lane	200	390	25.00	9,700
Linn	215	418	25.00	10,400
Marion	925	1,896	25.00	47,400
Multnomah	--	--	--	--
Polk	--	--	--	--
Washington	--	--	--	--
Yamhill	75	184	25.00	4,600
District 1	2,535	5,111	25.00	127,600
Douglas	5	9	25.00	200
State total	2,540	5,120	25.00	127,800

* Cash farm income does not include government payments which were: Clackamas, \$10,831.16; Lane, \$1,773.16; Linn, \$2,005.96; Marion, \$9,355.52; Yamhill, \$877.93; Douglas, \$42.58.

Table 26.- Estimates of flaxseed, Oregon, 1936

County or district	Area harvested	Farm production	Average farm price	Cash farm income
	<u>Acres</u>	<u>Bushels</u>	<u>Dol./bu.</u>	<u>Dollars</u>
Benton	50	500	2.00	1,000
Clackamas	60	900	2.12	1,900
Lane	20	200	2.00	400
Linn	45	450	2.10	900
Marion	275	3,300	2.14	7,000
Multnomah	10	150	2.10	300
Polk	125	1,250	2.10	2,600
Washington	50	600	2.10	1,200
Yamhill	500	6,500	2.10	13,600
District 1	1,135	13,850	2.10	28,900
Columbia	500	11,000	2.10	23,100
Malheur	50	450	1.70	700
State total	1,685	25,300	2.10	52,700

Table 27.- Estimates of peppermint, Oregon, 1936

County or district	Area harvested	Farm production	Average farm price	Cash farm income
	Acres	Pounds	Dol./lb.	Dollars
Lane	445	12,500	2.00	25,000
Linn	75	1,900	2.00	3,800
Marion	450	23,800	2.00	47,600
Multnomah	60	3,800	2.00	7,600
Columbia	960	43,200	1.90	82,000
Douglas	55	2,200	1.85	4,000
State total	2,045	87,400	1.95	170,000

Table 28.- Estimates of sugar beets, Oregon, 1936

County or district	Area harvested	Farm production	Average farm price	Cash farm income
	Acres	Tons	Dol./ton	Dollars
State total*	600	10,800	6.75	72,900

* All Malheur county.

Table 29.- Estimates of ginseng and golden seal,
Oregon, 1936

County or district	Total acreage	Cash farm income Dollars
Clackamas	40	18,200
Multnomah	1	500
Clatsop	1	500
Columbia	4	2,200
Jackson	2	1,400
All other counties	2	200
State total	50	23,000

Table 30.- Estimates of red raspberries, Oregon, 1936

County or district	Area harvested	Farm production	Average farm price	Cash farm income
	Acres	Pounds	Ct./lb.	Dollars
Benton	30	63,000	5.5	3,400
Clackamas	650	1,300,000	5.5	70,100
Lane	50	75,000	5.5	4,000
Linn	340	884,000	6.0	52,800
Marion	120	240,000	5.5	12,700
Multnomah	1,700	3,910,000	5.5	212,300
Polk	50	110,000	5.5	6,000
Washington	150	375,000	5.5	20,100
Yamhill	20	32,000	5.5	1,700
District 1	3,110	6,989,000	5.6	383,100
Douglas	10	15,000	6.5	900
Jackson	20	48,000	7.0	3,300
Josephine	5	9,000	8.0	700
District 3	35	72,000	7.0	4,900
Baker	10	45,000	12.5	4,400
Malheur	25	62,500	12.5	1,200
Union	35	17,500	10.0	1,500
Wallowa	10	20,000	10.0	1,500
District 5	80	145,000	11.4	8,600
Umatilla	25	75,000	10.0	5,500
Grant	5	5,000	15.0	700
Klamath	10	20,000	8.0	1,200
Other counties *	15	28,000	10.3	1,800
State total	3,280	7,334,000	5.7	405,800

* Wasco, 4 A.; Hood River, 1 A.; Lake, 3 A.; all others, 7 A.

Table 31.- Estimates of blackcap raspberries, Oregon, 1936

Benton	---	---	---	---
Clackamas	150	195,000	6.0	11,500
Lane	10	15,000	7.0	900
Linn	80	88,000	6.0	5,200
Marion	100	120,000	6.0	6,900
Multnomah	40	64,000	6.0	3,700
Polk	50	70,000	6.0	4,100
Washington	300	450,000	7.0	31,100
Yamhill	320	448,000	7.0	31,000
District 1	1,050	1,450,000	6.6	94,400
Other counties *	15	12,000	9.6	800
State total	1,065	1,462,000	6.6	95,200

* Benton, 1 A.; Wasco, 2 A.; Union, 5 A.; Wallowa, 5 A.; all others, 2 A.

Table 32.- Estimates of loganberries, Oregon, 1936

County or district	Area harvested	Farm production	Average farm price	Cash farm income
	Acres	Pounds	Ct./lb.	Dollars
Benton	35	126,000	4.0	5,000
Clackamas	500	1,400,000	4.0	54,000
Lane	25	45,000	4.0	1,700
Linn	50	95,000	4.0	3,600
Marion	1,100	3,300,000	4.0	130,000
Multnomah	130	429,000	4.0	16,800
Polk	160	512,000	4.0	20,000
Washington	30	90,000	4.0	3,400
Yamhill	70	210,000	4.0	8,000
District 1	2,100	6,207,000	4.0	242,500
Other counties *	20	18,000	5.4	200
State total	2,120	6,225,000	4.0	242,700

* Wallowa, 5 A.; Union, 2 A.; Wasco, 1 A.; all others, 12 A.

Table 33.- Estimates of youngberries, Oregon, 1936 *

Benton	5	8,000	5.0	400
Clackamas	180	324,000	6.0	19,000
Lane	20	32,000	6.0	1,800
Linn	40	68,000	5.5	3,700
Marion	250	400,000	5.5	21,600
Multnomah	120	252,000	6.0	14,800
Polk	15	27,000	5.5	1,400
Washington	175	385,000	5.5	20,900
Yamhill	40	80,000	6.0	4,700
District 1	845	1,576,000	5.7	88,300
Douglas	30	54,000	5.5	2,800
Jackson	20	40,000	6.0	2,300
Josephine	30	66,000	6.0	3,700
District 3	80	160,000	5.8	8,800
Other counties **	25	14,000	12.0	900
State total	950	1,750,000	5.8	98,000

* Includes boysenberries.

** Umatilla, 15 A.; Hood River, 8 A.; Wasco, 1 A.; Malheur, 1 A.

Table 34.- Estimates of tame blackberries, Oregon, 1936

County or district	Area harvested : acres	Farm production : pounds	Average farm price : Ct./lb.	Cash farm income : Dollars
Benton	5	36,000	4.0	1,400
Clackamas	40	88,000	4.0	3,500
Lane	5	15,000	4.0	600
Linn	40	116,000	4.0	4,600
Marion	340	1,224,000	4.0	48,800
Multnomah	135	648,000	4.0	25,600
Polk	30	165,000	4.0	6,500
Washington	50	180,000	4.0	7,100
Yamhill	10	48,000	4.0	1,900
District 1	655	2,520,000	4.0	100,000
Josephine	30	288,000	4.0	11,400
Umatilla	25	65,000	8.5	5,200
Other counties *	15	27,000	5.0	1,200
State total	725	2,900,000	4.1	117,800

* Jackson, 5 A.; Douglas, 3 A.; Union, 5 A.; Baker, 1 A.; Wallowa, 1 A.

Table 35.- Estimates of gooseberries, Oregon, 1936

Benton	5	28,000	4.0	1,100
Clackamas	20	48,000	4.0	1,900
Lane	10	25,000	4.5	1,100
Linn	10	22,000	4.0	800
Marion	70	182,000	4.3	7,700
Multnomah	2	7,000	5.0	300
Polk	65	169,000	4.0	6,700
Washington	15	36,000	4.0	1,400
Yamhill	5	11,000	4.0	400
District 1	202	528,000	4.1	21,400
Other counties *	28	27,000	---	900
State total	230	555,000	4.1	22,300

* Malheur, 15 A.; Union, 5 A.; Klamath, 2 A.; Wasco, 1 A.; all others, 5 A.

Table 36.- Estimates of filberts, Oregon, 1936 ^{1/}

County or district	Area harvested Acres	Farm production Pounds	Average farm price Ct./lb.	Cash farm income Dollars
Benton	210	150,000	13.5	18,900
Clackamas	870	480,000	13.5	62,100
Lane	900	600,000	13.5	77,600
Linn	325	180,000	13.5	23,000
Marion	1,075	650,000	13.5	83,700
Multnomah	185	130,000	13.5	16,200
Polk	300	170,000	13.5	21,600
Washington	1,200	720,000	13.5	92,500
Yamhill	970	580,000	13.5	74,400
District 1	6,035	3,660,000	13.5	470,000
Other counties ^{2/}	135	40,000	13.5	5,000
State total	3/ 6,170	3,700,000	13.5	475,000

^{1/} County estimates of filberts are preliminary.

^{2/} Douglas, 65 A.; Jackson, 50 A.; Hood River, 15 A.; all other, 5 A.

^{3/} Oregon's total acreage of filberts including non-bearing plantings is estimated to be between 9,500 and 10,000 acres in 1936.

Table 37.- Estimates of greenhouse area and income, Oregon, 1936

District	Area under glass	Cash farm income
	Square feet	Dollars
District 1	2,142,300	958,000
District 2	65,000	39,000
District 3	98,000	39,000
District 4	217,400	44,300
District 5	41,700	55,500
District 6	30,000	16,200
State total	2,594,400	1,152,000

Table 38.- Estimates of nursery area and income, Oregon, 1936 1/

County or district	Total area grown	Cash farm income
	Acres	Dollars
Benton	5	500
Clackamas	145	45,900
Lane	45	22,700
Linn	5	4,300
Marion	100	36,500
Multnomah	925	341,000
Polk	15	2,500
Washington	335	132,500
Yamhill	50	27,500
District 1	1,625	613,400
Columbia	90	45,500
Douglas	10	3,000
Hood River	15	9,000
Umatilla	125	71,000
Other counties <u>2/</u>	5	4,100
State total	1,860	746,000

1/ Includes grafted fruit and nut tree, seedling trees, berry plants and cuttings, rose stock and ornamental plants, bushes, and trees.

2/ Lincoln, 1 A.; Josephine, 2 A.; Klamath, 2 A.

Table 39.- Estimates of gladiolus bulbs, Oregon, 1936

District	Total area grown	Cash farm income
	Acres	Dollars
District 1	200	145,000
District 3	250	215,000
State total	450	360,000

Table 40.- Estimates of narcissus bulbs, Oregon, 1936

District 1	350	190,000
District 2	40	30,000
District 3	7	3,000
Other districts	3	1,000
State total	400	224,000

Table 41.- Estimates of bulbous iris, Oregon, 1936

District 1	29	24,800
District 2	5	<u>1</u>
District 3	6	6,200
State total	40	31,000

1/ No bulbs sold.

Table 42.- Estimates of lily bulbs, Oregon, 1936

District 1	50	39,500
District 2	10	5,500
State total	60	45,000

Table 43.- Estimates of tulip bulbs, Oregon, 1936

District 1 & state total	35	9,000
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Table 44.- Estimates of dahlia bulbs, Oregon, 1936

District 1 & state total	30	20,000
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Table 45.- Estimates of other miscellaneous flower bulbs, Oregon, 1936 1/

District 1	22	30,000
Other districts	3	1,000
State total	25	31,000

1/ Rhizomous iris, grape hyacinths, water lilies, montbretia, and some other kinds.

Table 46.- Estimates of turkeys, Oregon, 1936

County or district	Number raised	Farm production Lbs.dressed	Average farm price Ct./lb.dressed	Cash farm income Dollars
Benton	32,000	480,000	17	76,500
Clackamas	70,000	1,050,000	17	172,100
Lane	78,500	1,178,000	17	193,800
Linn	150,000	2,250,000	17	374,000
Marion	65,000	975,000	17	159,800
Multnomah	3,500	52,000	17	7,900
Polk	20,000	300,000	17	47,600
Washington	35,000	525,000	17	85,000
Yamhill	100,000	1,500,000	17	249,000
District 1	554,000	8,310,000	17.0	1,365,700
Clatsop	250	3,500	19	400
Columbia	15,000	225,000	17	37,000
Coos	2,000	28,000	18	2,700
Curry	550	7,500	20	700
Lincoln	3,000	45,000	17	6,800
Tillamook	300	4,000	18	400
District 2	21,100	313,000	17.1	48,000
Douglas	165,000	2,475,000	17	408,000
Jackson	60,000	900,000	17	145,400
Josephine	40,000	600,000	17	99,400
District 3	265,000	3,975,000	17.0	652,800
Gilliam	9,000	135,000	16	20,500
Hood River	14,000	196,000	18	34,200
Morrow	8,500	123,000	19	20,900
Sherman	500	7,000	--	--
Umatilla	43,000	624,000	19	114,400
Wasco	6,000	84,000	19	13,300
Wheeler	6,000	84,000	18	13,500
District 4	87,000	1,253,000	18.4	216,800
Baker	1,700	24,000	18	1,100
Malheur	9,000	126,000	16	16,800
Union	2,200	33,000	18	4,300
Wallowa	3,000	42,000	17	4,100
District 5	15,900	225,000	16.4	26,300
Crook	22,000	330,000	17	54,400
Deschutes	142,000	2,087,000	17	352,200
Grant	8,000	104,000	18	16,700
Harney	2,500	30,000	15	3,600
Jefferson	750	11,000	17	1,300
Klamath	47,000	658,000	17	108,000
Lake	750	10,000	17	700
District 6	223,000	3,230,000	17.0	536,900
State total	1,166,000	17,306,000	17.2	2,846,500

