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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

# Contra Costa County

1939-1945

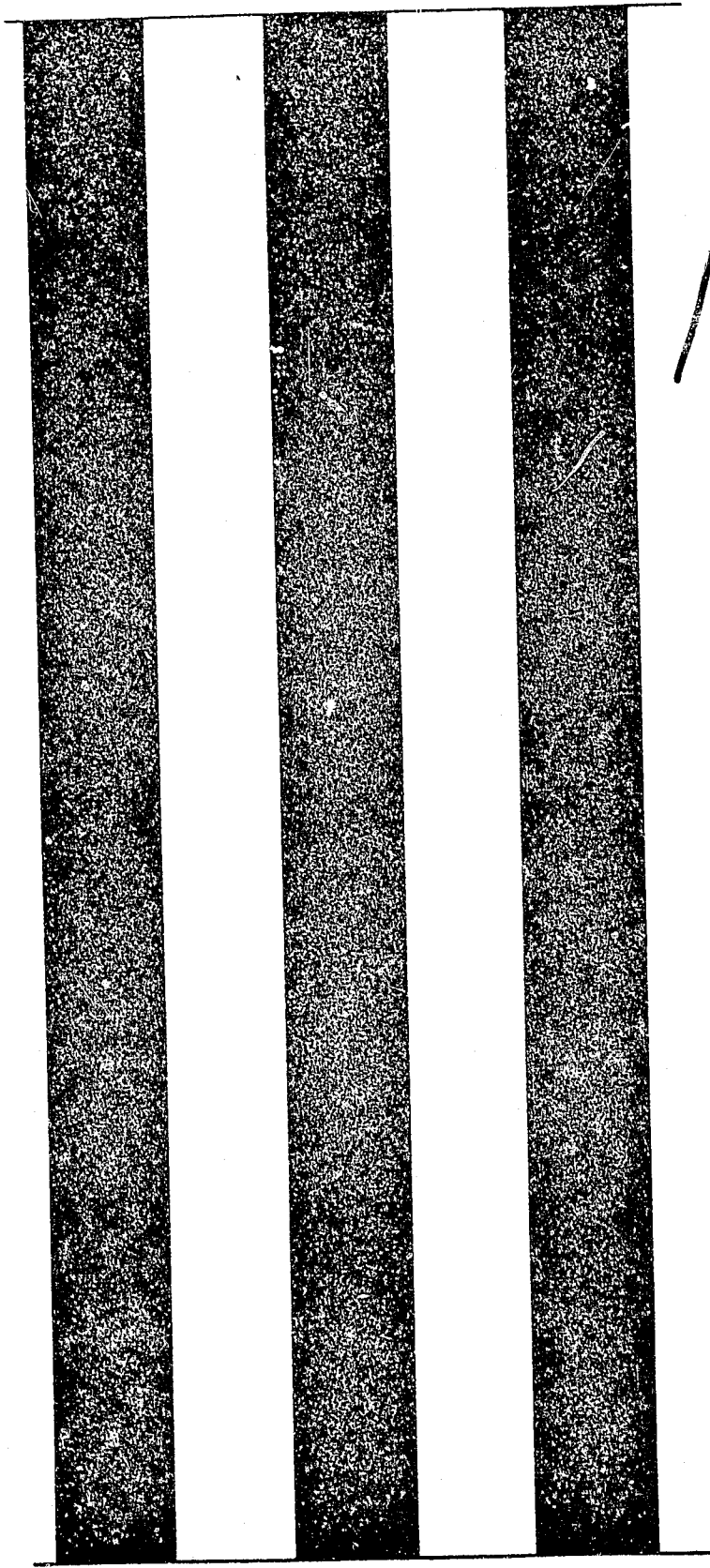
California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

This digitization project was funded by the Giannini Foundation of Agricultural Economics, <http://giannini.ucop.edu/>.

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CONTRA COSTA COUNTY

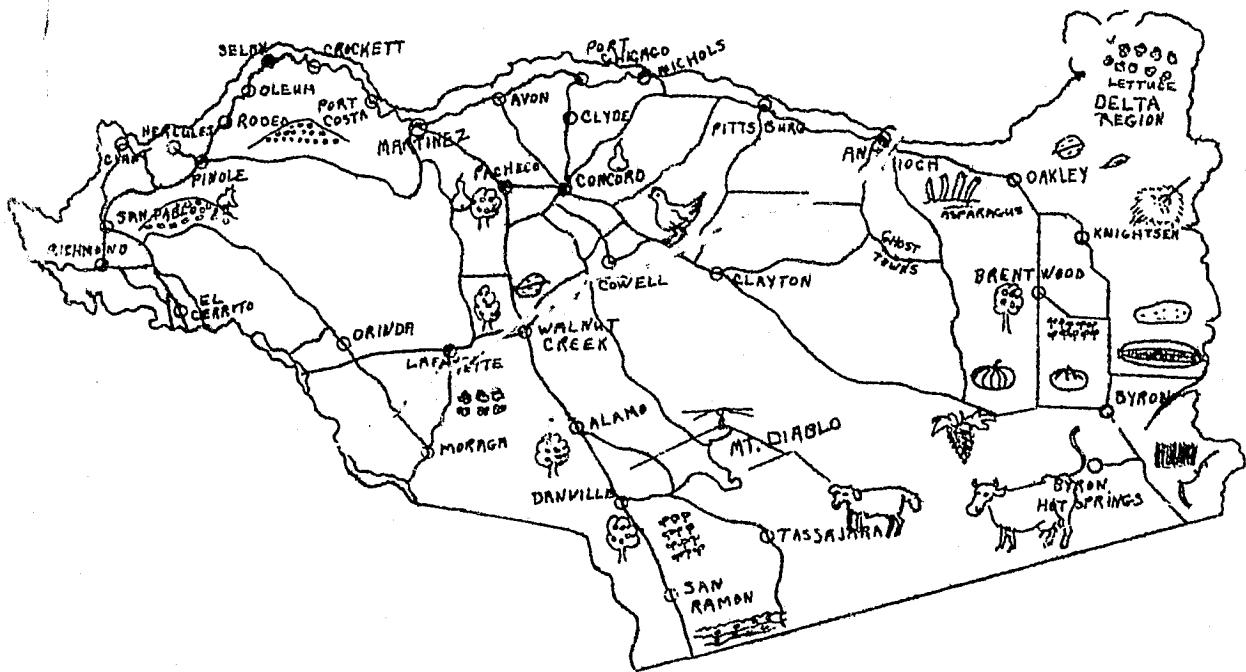
1939 - 1981  
(1953 NOT AVAILABLE)



1939

# AGRICULTURAL REPORT CONTRA COSTA COUNTY 1939.

V. G. STEVENS  
AGRICULTURAL COMMISSIONER



ORIGINAL DEFECTIVE

BOARD OF SUPERVISORS

Hon. W. J. Buchanan, 4th District, Chairman of the Board

James N. Long, 1st District

Ralph Bollman, 3rd District

H. L. Cummings, 2nd District

R. J. Trembath, 5th District

This report mimeographed by

Contra Costa County Development Association

ORIGINAL DEFECTIVE

This AGRICULTURAL REPORT was compiled due to many requests from Government Agencies, Banks, Chambers of Commerce, Growers and Shippers for crop and acreage information.

The values are based on F. O. B. prices and do not represent net returns to the growers. Production costs have to be considered decidedly.

A partial list of the Associations, Agencies, Corporations, and individuals contacted are given below, and the Agricultural Commissioner's Office wishes to thank everyone who has so kindly co-operated in compiling this report.

California Department of Agriculture-Bureau of Agricultural Statistics

United States Department of Agriculture-Agricultural Marketing Service

K. B. Jones----California Packing Corporation

Contra Costa County Development Association

Contra Costa County Walnut Growers Association

Contra Costa County Agricultural Conservation Association

C. B. Weeks----Balfour-Guthrie and Company

W. G. Norris----H. P. Garin Company

Frank Rose----Rosenberg Bros. and Company

J. B. Near----Guggenhime & Company

Agricultural Commissioner's Staff.

FRUIT, NUT AND VINE ACREAGE BY CROPS  
BEARING, NON-BEARING, AND TOTAL

	<u>BEARING ACREAGE</u>	<u>NON-BEARING ACREAGE</u>	<u>TOTAL</u>
ALMONDS	4591.4	1602.3	6193.7
APPLES	114.0		114.0
APRICOTS	4225.0	356.5	4581.5
CHEERRIES	149.4	11.3	160.7
FIGS	82.4		82.4
GRAPES	5471.6	8.9	5480.5
NECTARINES	218.5	33.5	252.0
OLIVES	28.7		28.7
PEACHES - CLING	166.6	.08	166.68
PEACHES - FREESTONE	1047.3	79.1	1126.4
PEARS	2712.7	100.7	2813.4
PECANS	10.6		10.6
PLUMS	40.0		40.0
PRUNES	1012.9	5.0	1017.9
WALNUTS	9906.0	315.2	10221.2

The above acreage was obtained through a W.P.A. Project supervised by the Agricultural Commissioners' Office, in cooperation with the U.S. Department of Agriculture, Bureau of Agricultural Economics and the California Department of Agriculture, Agricultural Statistical Service. No other agency working in Contra Costa County was concerned in obtaining the above data.



	<u>PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUES</u>	<u>TOTAL VALUE</u>	
ALMONDS	1,000 Est.	Ton	\$200.00	\$200,000.00	
APRICOTS	5813 414 Cars	} 19,600 26# Lug 447,120	.65	290,628.00	
Dried	11,600 5813 2,116		Ton	180.00	380,880.00
Cannery	2,200		Ton	25.00	55,000.00
CHERRIES	20,000	20 Ton } 16# Lug	.03 Lb.	9,600.00	
Barreled	60	Ton	75.00	4,500.00	
FIGS	59,133	8# Flat	.05 1/2 Lb.	3,252.31	
GRAPES	401 Cars	24# Lug 960 Lugs	16.55 Ton	108,390.00	
NECTARINES	61 Cars	26# Lug 69,480	.60	41,688.00	
PEACHES	122 Cars	20# Lug 156,160	.50	78,080.00	
Dried	500 Tons	Ton	<del>120.00</del>	<del>60,000.00</del>	
Free	1,708 Tons	Canned	20.00	34,180.00	
	591 Tons	Dried	120.00	70,920.00	
Cling	518 Tons	Canned	20.00	10,360.00	
	36 Tons	Pickled	20.00	720.00	
	85 Tons	Local	20.00	1,700.00	
	50 Tons	Dried			
PEARS					
Local	100 Ton		25.00	2,500.00	
Cannery	4,376		25.00	109,400.00	
Eastern	3,536		33.60	117,866.00	
Dried	600 Tons	Ton	120.00	72,000.00	
Waste	800 Tons				
PRUNES					
Dried	715 Tons	Ton	65.00	46,475.00	
WALNUTS	60,420	100# Bags	10.00	604,200.00	
WALNUT CULLS & BLOWS	785,118 Lbs.	100 Lb.	3.25	25,516.33	
APRICOTS	3,000 GREEN Tons	hailed by truck @	\$25	75,000.00	

<u>COMMODITY</u>	<u>ACRES</u>	<u>YIELD</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>VALUE</u>
<b>ASPARAGUS</b>						
Canning Market	7,100	85	603,500	24# Crate	1.51	\$905,250.00
CABBAGE	50	7	350	2000# Ton	15.50	5,425.00
HONEYDEW MELONS	250	214	53,500	45 to Crate	.80	42,800.00
<b>TOMATOES</b>						
Canning	2,805	6 Ton	16,830	Ton	12.60	212,058.00
Summer	300	308	92,400	32# Lug	.91	84,084.00
Shipping	2,200	200	440,000	32# Lug	1.00	440,000.00
STRAWBERRIES	50	833 crates	41,650	Crate	.70	29,155.00
ONIONS	200	107 sks.	21,400	100# sk.	.75	16,150.00
<b>LETTUCE</b>						
Spring	50	110	5,500	5 doz. crate	1.25	6,875.00
Fall	100	150	15,000	5 doz. crate	1.50	22,500.00
GARLIC	10	70	700	100# sk.	3.15	2,205.00
POTATOES	724	200	144,800	100# sk.	.90	130,320.00
CUCUMBER						
PICKLES	45	5.6	252	2000# ton	17.50	4,410.00
CARROTS	50	244	12,200	6 doz. crate	1.26	15,372.00
<b>CAULIFLOWER</b>						
Spring	50	340	17,000	39 Pony crate	.60	10,200.00
CELERY	150	190	28,500	65# Half crate	1.37	39,045.00
<b>SUGAR BEETS</b>						
25 Producers	4,508	14.5	65,487	2000# ton	6.50	294,533.76
					less	131,131.74
					U.S.	
					Sugar Payments	
<b>PEAS</b>						
Fall	100	125 Bu.	12,500	Bushel	1.65	20,625.00
Spring	500	175 Bu.	87,500	or		
				30 Lbs.	.90	78,750.00

<u>GRAIN</u>	<u>ACRES</u>	<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>VALUE</u>
WHEAT	5,075	12	60,876	CWT	\$1.35	\$82,182.60
BARLEY	33,317	16	533,072	CWT	.85	435,111.20
FLAX	28	12	336	BU	1.60	537.60
CORN	5,415	1	5,415	TON	26.50	143,497.50
OATS	2,584	12	31,008	CWT	1.20	37,209.60
ALFALFA	2,891	6	17,346	TON	9.50	164,787.00
SORGHUMS GRAIN	726	16	11,616	CWT	1.25	14,520.00
WHEAT HAY	3,861	1.25	4,826	TON	8.70	41,986.20
OTHER GRAIN HAY	11,529	1.25	14,411	TON	8.50	122,493.50
PASTURE	275,000				2.00	550,000.00
ALFALFA SEED			455,000	LBS.	.15	68,250.00

FRUIT, NUT AND VEGETABLE STANDARDIZATION

Inspection at Point of Origin and at Time of Packing

	Number Packages	Weight Lbs.
Number of rejections	2765	80,500
Destroyed or Dumped	769	8,000
Reconditioned or Remarkd for sale, or to By-Products	2291	87,550
Fines and Sentences	4	\$50.00 suspended 40.00 suspended 10.00 fine 30 days suspended for two years

The above report covers potatoes, asparagus, peas, berries,  
lettuce, tomatoes, melons, apples and walnuts.

REMOVAL OF ORCHARDS AND VINEYARDS

A few years ago the Government included orchard removal with C.W A projects. Under that arrangement some twenty or more orchards were dug up ranging from one to ten acres in extent. The majority of trees consisted of pears with some almonds. Recently the W P A has not included orchard removal in their projects.

During the last year the following acreage and trees were pulled out. In the case of walnuts, it was a thinning out process. As a rule replacements were few in the removal total. Several orchards were removed under office supervision.

WALNUTS	2100 trees
PEARS	1900 trees
PRUNES	2042 trees
ALMONDS	600 trees
APRICOTS	255 trees
PEACHES	120 trees
PLUMS	30 trees
GRAPES	263 acres

INSPECTION OF FRUIT AND VEGETABLES

The work connected with the inspection of fruit, nuts and vegetables is sometimes not appreciated by many. In this connection it may be stated that among the things an inspector looks for is deceptive packing, deceptive arrangement, maturity, over-ripeness, mislabeling, loose packs, old markings on old containers, damage by disease, insects, dirt, or mechanical injury and tolerance allowed for the latter, and whether packed in standard or irregular containers.

Taking pears for example, you have to consider maturity and over-ripeness, codlin moth larvae, mold, decay, black end, unsealed cuts and skin breaks, hail, scab, hard end, limb rubs, frost and insect damage. Serious damage to any one pear is outlined as follows:

- (a) Scab, unless the spots cover an aggregate area of more than one half inch in diameter.
- (b) Hail damage, unless it affects an aggregate area of more than one half inch in diameter or is more than one fourth of an inch in depth.
- (c) Codlin moth larvae, unless it causes unhealed stings or holes in any part of the pear. Superficial, well healed codlin moth stings are not serious.
- (d) Thrip mark, blister mite or other superficial blemishes caused by insects, unless more than 10 per cent of the surface of the fruit is affected or they cause a depression of more than one fourth of an inch in depth.
- (e) Limb rub, unless it affects an aggregate area of more than three fourths of an inch in diameter.
- (f) Frost, unless the construction resulting from frost damage affects the shape of the pear and extends around the fruit more than one half of the circumference.
- (g) Other diseases, bruises, or hard end, unless such defects cause a waste of more than 10 per cent, by weight, of the individual pear.

Not more than 10 per cent, by count, of the pears in any one container or bulk lot may be below these requirements, but not to exceed one half of this tolerance shall be allowed for any one cause.

Packed pears in any one container shall be uniform in size, with variations measured by cross section and mature when the pressure test of any one lot does not exceed 23 lbs. All containers of pears shall have the name of the person first packing the pears, address of packer, variety of pear when known or marked unknown, size description when packed in four-basket crate or count when packed and wrapped throughout in straight side containers in uniform layers and rows,

INSPECTION OF FRUIT AND VEGETABLES

Pears, when packed, shall be in standard containers numbers, 1a, 5, 6, 7, 8, 9, 16, 17, 18, 19, 20, 26, 27 or 29a. Other containers shall be marked irregular container.

In the case of fresh asparagus, it shall not be wilted, or crushed; the stalks not badly broken, spreading or seeded tops; free from decay and damage caused by dirt, disease, insects, mechanical injury or other causes. When bunched packed not badly crooked, or when crooked, marked so. Grades of asparagus are designated by name as:

1. COLOSSAL, not more than 14 stalks to a bunch.
2. JUMBO, 15 to 20 stalks to a bunch.
3. EXTRA SELECT, 21 to 28 stalks to a bunch.
4. SELECT, 29 to 42 stalks to a bunch.
5. EXTRA FANCY, 43 to 67 stalks to a bunch.
6. FANCY, 68 to 100 stalks to a bunch.

Standard and irregular containers apply to asparagus, as well as tolerance and markings on containers. Asparagus marked "green" must fall under certain specifications as to color and count by stalk.

The above illustrations to inspection of asparagus and pears very closely applies to apples, peaches, apricots, cherries, cantaloupes, tomatoes, celery, cauliflower, lettuce, strawberries, peas, grapes, etc.

INSPECTION OF NURSERIES, BRANCH NURSERIES,  
GREENHOUSES, ORCHARDS, AND INCOMING STOCK BY  
EXPRESS, FREIGHT, TRUCK AND MAIL.

Under this heading it may be stated that individual inspections are made of orchards as well as single trees for insect damage, fungus and bacterial diseases either in nurseries, on ranches, city streets, or city residences. Damage to orchards or single trees has been estimated for various companies or individuals resulting from water, fire, broken oil pipe lines, cement dust or automobile accidents. This has resulted in court appearance, but other agencies engaged in similar work have declined to offer their services. The attitude of this office in such cases is fairness to all parties concerned where damages are involved.

Inspection of plants arriving by mail has increased materially, especially plants offered by radio announcement, and special offers through magazines. Post Office inspections are covered by Orders of the Postmaster General, relating to the terminal inspection of plants and plant products. The particular number of this Order is No. 8760, Sec. 478 $\frac{1}{2}$ , appearing on page 49 of the May 1915 Supplement to the Postal Guide. In short, persons receiving packages of plant material through the mail must give the Postmaster at destination enough stamps to send the package to the nearest inspection point for inspection and for return to the destination post office after inspection. Such packages have to be opened carefully in order not to interfere with the canceled stamps, uncanceled stamps attached, return address of party receiving the package, and loss of the contents. This observance of postal procedure involves time as well as patience.

In the case of express and freight shipments of plants, inspections are made at destination. In cases of truck shipments, inspections are made at the ranch or nursery.

The inspection of incoming plants, trees, vines, etc., by mail, freight or express takes into consideration specific insects, plant diseases, and quarantine and regulations covering the same whether interstate or intrastate.

Among the local shipments inspections are made for peach borer, nematodes, flat head borer, blight, scale insects, mites, bulb flies, leaf minors, mealybugs, snails, etc.

Interstate shipments are inspected for the same pests in addition to specific quarantines by Federal and State covering certain plants and their movement.

Some of the State and Federal Quarantines and Regulations cover the entry of plants, packing or soil, that might be infested or infected with alfalfa weevil, chestnut bark disease, citrus canker, citrus White Fly, Cotton Boll Weevil, European Corn borer, Brown Tail Moth, Japanese Beetle, Peach Yellows and contagious Peach Rosette, Satin Moth, Sweet Potato Weevil, White Pine Blister Rust, Gipsy Moth, Ozonium Root Rot, etc.

There are over fifty nurseries, branch nurseries, florists and greenhouses growing deciduous trees, ornamentals, and cut roses and carnations for wholesale and retail trade in Contra Costa County.



NURSERIES, BRANCH NURSERIES, FLORISTS, ETC.

There are over fifty nurseries, branch nurseries, and florists, and also a number of amateur orchid and cacti collectors with very valuable collections located in Contra Costa County.

Several of these Nurseries having growing ground for deciduous and ornamental stock.

Quite a number of greenhouses grow cut roses, sweet peas and carnations for wholesale trade in San Francisco and Oakland.

The nurseries receive and sell nursery stock throughout the year, some receiving stock in carload lots. All incoming nursery stock is inspected at point of delivery, either by rail, express, truck or mail.

The value of the nursery stock, including the private collections of orchids and cacti would run over a million dollars.

One nursery values its growing stock at \$30,000. Another nursery values its growing stock at \$15,000. Several other nurseries have ornamental stock valued at \$5,000 to \$10,000.

There are approximately twenty firms with greenhouses numbering from five to seventeen. Greenhouses cost approximately \$2,500 apiece to build depending on size. Heating plants have to be considered in connection with greenhouses.

One firm with greenhouses lists their valuation at \$25,000 for greenhouses and lath houses and \$10,000 for the stock therein.

INTERSTATE INSPECTIONS

POTATOES.....	32,884	sacks
BULBS.....	31,626	
PLANTS.....	5,432	
ORNAMENTALS.....	3,860	
SEEDS.....	1,822	
CARNATIONS.....	1,400	
MISC. BERRIES.....	1,207	
ROSES.....	6,135	
FERNS.....	500	
WATER PLANTS.....	50	
ROOTS.....	63	
PEACHES.....	47	
CACTI.....	15	
PLUMS.....	12	
VEGETABLES.....	20	
ALMONDS.....	20	
NECTARINES.....	10	
CHERRIES.....	20	
FILBERTS.....	5	
APPLES.....	3	
PRUNES.....	2	
PEARS.....	1	
Fertilizer.....	39	

85,173

68 shipments-FREIGHT....	58,880
79 " -EXPRESS....	13,081
739 " -MAIL.....	<u>13,212</u>

85,173

NUMBER OF PLANTS INSPECTED  
INTERSTATE & INTRASTATE  
BY MONTH

JANUARY.....	28,620
FEBRUARY.....	22,110
MARCH.....	17,159
APRIL.....	4,234
MAY.....	4,947
JUNE.....	3,037
JULY.....	1,126
AUGUST.....	1,707
SEPTEMBER.....	3,775
OCTOBER.....	26,501
NOVEMBER.....	15,637
DECEMBER.....	<u>44,893</u>

173,796

INTRASTATE INSPECTIONS

ORNAMENTALS.....	26,541
BULBS.....	17,919
ROSES.....	13,449
ALMONDS.....	9,726
APRICOTS.....	3,831
GRAPE CUTTINGS.....	2,824
PEACHES.....	692
PEARS.....	605
BERRIES.....	591
PLANTS.....	1,813
BERRY FRUITS.....	568
CHERRIES.....	30
CITRUS.....	149
DEC. FRUITS.....	5,794
NUTS.....	367
WALNUT SEEDLINGS.....	384
VEGETABLES.....	496
MISC. FRUIT.....	507
MYRO SEEDLINGS.....	1,800
PLUMS.....	47
APPLES.....	18
FIGS.....	6
CACTI.....	20
GRAFTS.....	5
NECTARINES.....	274
JUJUBES.....	2
PERSIMMONS.....	3
PRUNES.....	2
OLIVES.....	20
BEECHNUT.....	1
CHESTNUTS.....	43
FILBERTS.....	2
SWEET POTATO.....	1
SUBTROPICAL PLANTS.....	8
POMEGRANATES.....	1
QUINCE.....	2
PECANS.....	3
CACTI.....	3
SEEDS.....	76
SUCCULENTS.....	94
WATER PLANTS.....	85
LILLIES.....	18
ROOTS.....	<u>3</u>

88,623

BEEES

Most of the work inspecting bees has to do with American Foulbrood, the transfer of immovable or stationary comb hives to movable frame hives, and the movement intercounty and intracounty between registered seasonal locations. Additional work was done removing bees from old farm buildings.

American Foulbrood is often spread from one colony of bees to another by robber bees carrying diseased honey, and by the transfer of diseased combs. The destruction of the combs, frames, honey and wax, by fire, is considered the most economical treatment, and disinfecting the hives, bottom boards, covers and supers by scorching with a blow torch. The bees are killed with calcium cyanide. Under section 276, all burnt material must be buried not less than two feet below the surface of the ground.

This work is generally accomplished by night and where there are a number of colonies a deep pit is dug and the colonies burned and buried in the pit. The time and work consumed in locating colonies of bees and the burning of diseased hives is considerable when it is realized that the location of apiaries is in relation to the nectar bearing plants.

APIARY INSPECTION

		<u>Number of Apiaries</u>	<u>Number of Colonies</u>
	REGISTERED	138	3091
INTERSTATE			
INTER			
COUNTY	ENTERING COUNTY	13	1657
	LEAVING COUNTY	15	1246
INTRA			
COUNTY	MOVING WITHIN COUNTY	20	1900
APIARY			
INSPECTION	INSPECTED	146	2497
	INFECTED WITH AFB	25	58
	INFECTED WITH EFB	24	93
	BURNED FOR AFB	25	58
	Estimated value per beehive	\$5.00	\$15,455
	Estimated Honey Production	240,000 # @ 4¢	9,600
	AMERICAN FOULBROOD found this year		2%

\* AFB-American Foulbrood  
EFB-European Foulbrood

ALFALFA SEED SAMPLES  
For Purity and Germination

Twenty nine samples of Alfalfa seed were taken for various farmers from 1650 sacks of seed.

These samples were taken and sent to the Seed Laboratory of the State Department of Agriculture for tests on purity and germination.

The average tests for both purity and germination were unusually good for this year. Quite a number of purity tests ranged around 99.92 to 100% in one instance, without any weed seeds. Inert matter making up the difference between 99.92 and 100%.

ELM LEAF BEETLE

Elm leaf beetle appeared in four separate communities, namely, Port Costa, Diablo, Martinez and Concord. A high power spray was required to spray the trees which are in most cases over sixty feet in height. Co-operation of City, schools and property owners was obtained before commencing operations.

Attention might be called to the fact that considerable care and work was entailed to protect houses from being splattered with spray, thus spoiling paint jobs. In some instances canvas was placed over fish ponds and over roofs for protection.

EAR WIGS

Ear wigs were a considerable nuisance in the San Pablo and Richmond sections. A bran-molasses-Sodium fluoride bait was used with fair success. Three nurseries handled the bait which was distributed to citizens of the community free of cost after signing for the same. One of the main obstacles in controlling this pest is that the bait must be placed out after sundown as the ear wigs are night feeders. There are also persons who have ducks, chickens, rabbits, goats, and other pets who object to having the poison placed out.

### CRICKETS & GRASSHOPPERS

An unusual horde of crickets made their appearance in the Tassajara district. They appeared to move from the higher hills that are used for sheep and cattle pasture towards the grain, hay and tomato land. Considerable success was attained by having the sides of the roads sprayed with an oil that did not harden or dry on exposure. The crickets, in crawling thru the grass, were smeared with oil which together with high temperature caused a fair mortality. Baits of bran and Sodium Arsenate were placed out and around the tomato fields with an added attraction of blood meal.

Grasshoppers made their appearance near Diablo and in a number of instances attacked sweet corn, young trees, shrubs, pasture and vineyards. Bran and Sodium Arsenate bait was used with good results.

### WESTERN CELERY MOSAIC

The celery acreage is small in Contra Costa County, but in co-operation with adjoining counties and the State Department of Agriculture, a celery free period was observed in February in which all celery plants were destroyed. The carrier of celery mosaic is aphids.

### PUNCTURE VINE

As in the past, all cases of puncture vine on County roads brought to our attention were oiled with Diesel oil as soon as possible. Most of these outbreaks are in the eastern part of the county. Occasional clusters of vines were oiled near Clayton, Avon, Muir, Alamo, Pleasant Hill and Pittsburg. Gravel cars, picking boxes, migrant cars of fruit pickers, and irrigation water are the main spreaders.

In a number of instances outbreaks on ranches were oiled with the help of the rancher, and other patches were disced before seeds matured.

### BIRD DAMAGE AND CONTROL

There was considerable damage by blackbirds to sunflower fields. In some instances nearly every seed was eaten from the sunflower heads. This office in co-operation with the Biological Survey placed out strychnine baited paddy rice with fair success.

WILD LIQUORICE CONTROL

This perennial herb has roots several feet long and almost as thick as ones little finger. One large sized lot in Martinoz was fully eradicated of this weed by the use of carbon bisulphide. The soil on this lot was fairly loose which let the carbon difuse thru the ground. Holes were sunken down in the soil to a depth of approximately fifteen to eighteen inches, and about the same distance apart. Carbon was poured into the bottom of these holes by means of a hollow pipe, and the holes covered with dirt.

This particular lot has not shown any signs of a return of the weed, and is now growing a fine stand of tomato plants.

One other lot near Hookston was treated in the same manner but the results were not as encouraging, because in this particular case the soil is very compact due to a very much larger moisture content. In fact, the carbon in one hole, a month after treatment, was fired when a match was dropped into it. The time of application in both instances was during the months of July, August and September.

A cheaper control of this weed is to prevent vegetative growth which exhausts the food stored in the root system.

ARTICHOKE THISTLE

The Work Projects Administration has had a project on Weed Control in Contra Costa County covering several years. The work on Artichoke Thistle consisted in digging out the entire root system of the thistle. Reinfestation was developed from seeds deposited in the soil before digging operations were started. These seeds may lie dormant in the soil for a number of years, and then, if a favorable year comes along, generally moisture being the prime factor, they sprout. The majority of Artichoke thistle showing up in the County the past year have been seedlings.

Among the active W.P.A. helpers in this project have been, Lee Chase, Wm. Beck, D. C. Hartley, H. H. Patengale, Nils Aanonson, and others. This work has been done in cooperation with the Board of Supervisors, and the Agricultural Commissioner's office as Sponsor.

The 1940 campaign has consisted in oiling the seedlings with Diesel oil, and the results have been very satisfactory. A list of the Sponsors and Federal Contributions on all Artichoke Thistle and Weed Control Projects that have operated in Contra Costa County is submitted.

<u>W.P.</u> <u>NO.</u>	<u>FEDERAL</u> <u>LABOR</u>	<u>FEDERAL</u> <u>NON-LAB.</u>	<u>FEDERAL</u> <u>TOTAL</u>	<u>SPONSOR</u> <u>LABOR</u>	<u>SPONSOR</u> <u>NON-LAB.</u>	<u>SPONSOR</u> <u>TOTAL</u>
3188	3994	--	3994.	--	537	537.
5774	7144	--	7144.	1042	849	1891.
8868	2087	--	2087.	228	397	625.
10318	<u>7565</u>	<u>119.</u>	<u>7684.</u>	<u>622</u>	<u>910</u>	<u>1532.</u>
TOTAL	20790.	119.	20909.	1892.	2693.	4585.



PURPLE STAR THISTLE

Several patches of this thistle have been located in the Oleum sector where work has been done on the Artichoke Thistle. Two of the largest infestations have been hoed the last several years. Several other small infestations in different sections of the County have been hoed during the past several years, one being at Port Costa, several on the Hercules Powder Company land, one near Pacheco in a dairy corral, and one on the road near the Marsh Creek School. A further survey may show more of this thistle which appears to start in sheep pastures and corrals.

KLAMATH WEED

Only one patch of this weed has been located in the County to date, and it occurs in a Regional Park area which is part of the State Park System. This area is closed to sheep or cattle grazing and the Park is not yet open to the public. This weed pest was brought to our attention by Mr. Jordan of the East Bay Municipal Utility District. One of the riders for the district located it recently.

This office, in conjunction with Mr. Ball of the State Department of Agriculture, has contacted the Supt. of the Park and he has already started work with a crew, digging and burning the weed.

The infestation is very compact with very little scattered spots. What scattered plants are found will probably be treated with chemicals.

RODENTS

It has been observed in Contra Costa County that years in which there is an abundance of burr clover squirrels do not take poison readily. This also applies to squirrels when feeding on buckeye balls. It may not be absurd to conclude that the oils and tannin in such feed may help to offset poison that in other years of scarcity of such feed would result in greater mortality.

Approximately 34,289 lbs. of Thallium grain, 1760 gallons of carbon bisulphide, and 67,970 waste balls were used in the 1939 campaign against ground squirrels with very good success. One area that used some 15 drums of carbon bisulphide and numerous tons of strychnine barley a few years ago is now controlled with less than 500 lbs. of Thallium oats. The area involved contains approximately 35,000 acres.

A questionnaire circulated throughout the County to some 350 ranchers and manufacturing firms with individual land ownership, varying in acreage from 8000 acres to less than five, all signed that they were satisfied with the squirrel control work done in the County, had good to fine results from the poison, and had no complaints to offer. Complaints were solicited because, if such complaints were justified, and could be rectified, they would immediately be taken care of.

A number of complaints of rats were received and in most cases were traceable to the proximity of hog ranches, garbage dumps and chicken ranches. These cases were mostly referred to the U. S. Public Health Service.

The transferring of inspectors from one district to another to handle the poisoning of certain ranches where specific difficulties entered the picture, whenever practicable, was observed as has been done for more than fifteen years.

AGRICULTURAL LEADERS  
ADVISEMENT REPRESENTATIVES

Supervisor Jack Cummings, Crockett  
Supervisor James N. Long, Richmond  
W. Barnes, Moraga  
W. G. Norris, Brentwood  
F. Weidemann, San Ramon  
F. Rutherford, San Ramon  
Leonard Dainty, Brentwood  
P. W. Olivera, Concord  
E. Rowland, Pleasant Hill  
Martin Fasching, Pleasant Hill  
Francis Crawford, Brentwood  
Andrew Ford, Walnut Creek

Supervisor W. J. Buchanan, Pittsburg  
Lyman E. Stoddard, Walnut Creek  
Supervisor R. J. Trembath, Antioch  
Marshall Munneke, Diablo  
C. J. Foskett, Concord  
Gerould L. Gill, Marsh Creek Springs  
Frank Rose, Concord  
Jack A. DeMartini, Pacheco-Crockett  
Victor DeMartini, Brentwood  
J. J. Claunch, Alamo  
G. Bisco, Concord  
Johnson Thomas, Walnut Creek

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Squirrel Committee

Supervisor W. J. Buchanan, Pittsburg  
Gerould L. Gill, Marsh Creek  
Johnson Thomas, Walnut Creek  
F. Weidemann, San Ramon  
W. Barnes, Moraga

Weed Committee

Supervisor James N. Long, Richmond  
Leonard Dainty, Brentwood  
F. Weidemann, San Ramon  
W. Barnes, Moraga  
Jack A. DeMartini, Pacheco-Crockett

Nursery Committee

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Chilcott Nursery, Walnut Creek  
Gregory Nursery, Brentwood  
Gilbert Abel Nursery, Antioch  
Robinson Nursery, Richmond

Fruit & Vegetable Standardization  
Committee

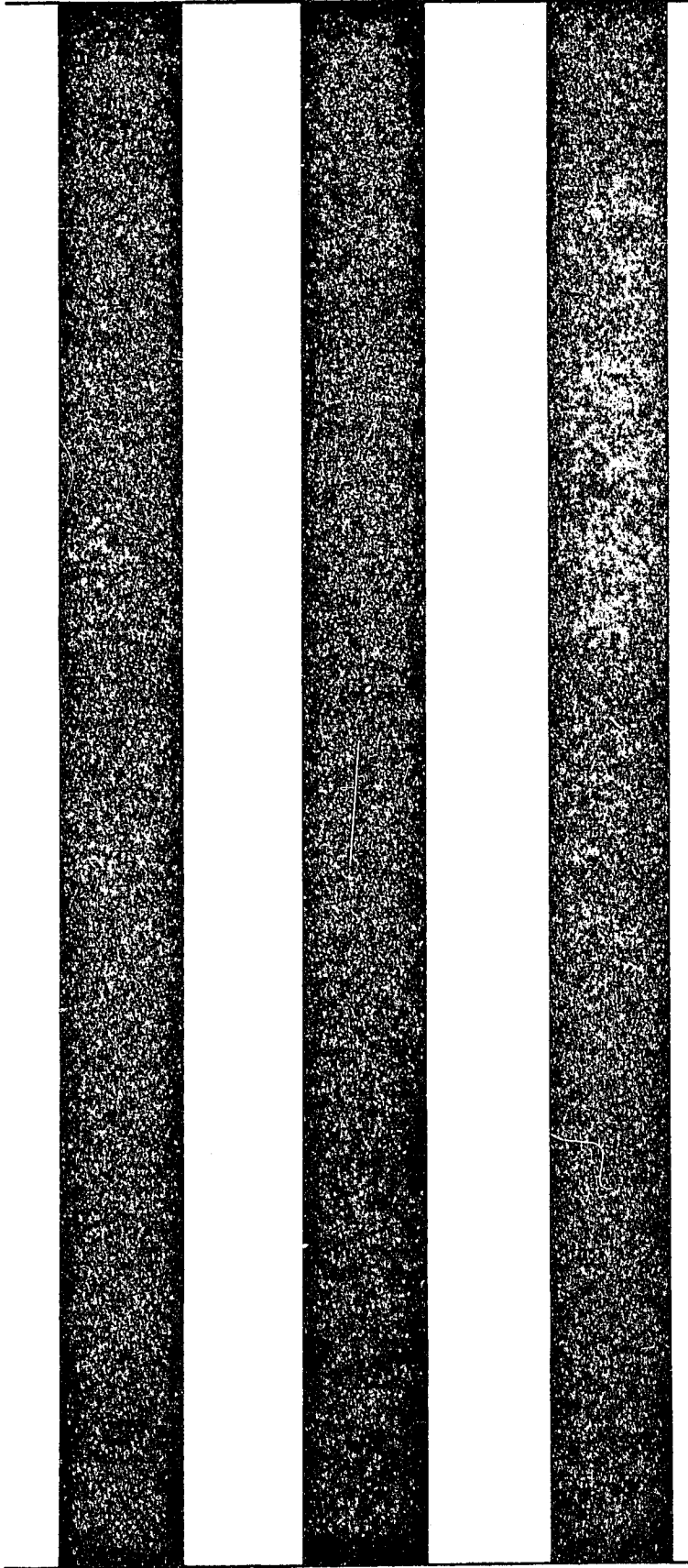
Supervisor R. J. Trembath, Antioch  
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F. Rutherford, San Ramon  
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Quarantine Committee

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Russell Stow, Walnut Creek  
Jack Kelso, Byron

In Co-operation With

State Department of Agriculture, Chambers of Commerce  
United States Department of Agriculture Biological Survey  
United States Public Health Service  
Contra Costa County Development Association  
Future Farmers of America - J. B. Merritt  
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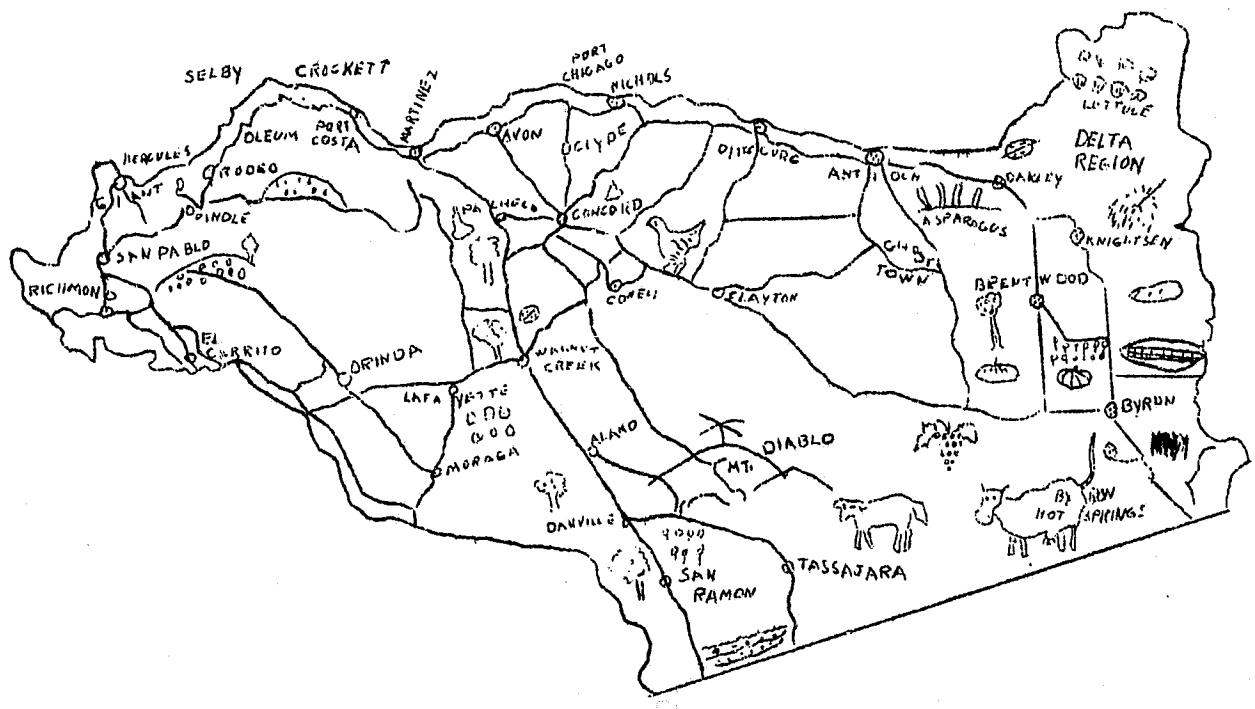


1940

CLASSIFIED BY  
ACQUISITION  
DATE

# AGRICULTURAL REPORT CONTRA COSTA COUNTY 1940

V.G. STEVENS  
AGRICULTURAL COMMISSIONER



BOARD OF SUPERVISORS

Hon. W. J. Buchanan, 4th District, Chairman of the Board  
James N. Long, 1st District      Ralph Bollman, 3rd District  
H. L. Cummings, 2nd District      R. J. Trembath, 5th District  
S. C. Wells, County Clerk and Clerk of the Board

This report mimeographed by  
Contra Costa County Development Association

Honorable Board of Supervisors of Contra Costa County and  
W. B. Parker, Director, California State Department of  
Agriculture

Gentlemen:

The following crop report was prepared by my  
office in accordance with the provisions of Section 65.5  
of the Agricultural Code of the State of California.

The report covers estimated acreage, produc-  
tion and value of the agricultural products of Contra  
Costa County for the year 1940.

As nearly as possible, the figures represent  
payments to growers.

Respectfully submitted

V. G. Stevens  
Agricultural Commissioner

The Agricultural Commissioner's office wishes to thank  
the following persons, Firms, Associations, and Depart-  
ments who so kindly cooperated in making this report  
possible.

United States Department of Agriculture - Agricultural  
Marketing Service  
California Department of Agriculture - Bureau of Agri-  
cultural Statistics  
California Department of Agriculture - Division of  
Animal Industry  
K. B. Jones - California Packing Corporation  
N. Harrison - Contra Costa Walnut Growers Association  
N. A. Gehringer - Contra Costa County Agricultural  
Conservation Association  
C. B. Weeks - Balfour Guthrie & Company  
W. G. Norris - H. P. Garin & Company  
Frank Rose - Rosenberg Bros. & Company  
A. E. Oliver - Lambert Marketing Company  
J. E. Digardi - Contra Costa County Dry Wine Grape  
Growers Protective Association  
Agricultural Commissioner's Staff

<u>CROP</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
<b>APRICOTS</b>				
Canned	4,882	Ton	\$ 75.00	\$366,150.00
Shipped	2,118	Ton	70.00	148,260.00
Jam -	21	Ton	45.00	945.00
Dried	2,427	Ton	230.00	558,210.00
<b>PEACHES</b>				
Canned	1,974	Ton	20.00	39,480.00
Shipped	1,420	Ton	20.00	28,400.00
Dried	2,524	Ton	120.00	302,880.00
<b>PEARS</b>				
Canned	5,369	Ton	27.50	147,647.50
Shipped	4,658	Ton	32.00	149,056.00
Local	73	Ton	27.50	2,007.50
Dried	1,337	Ton	65.00	86,905.00
Diced	500	Ton	20.00	10,000.00
<b>CHEERRIES</b>				
Barrelled	50	Ton	100.00	5,000.00
Shipped	50	Ton	180.00	9,000.00
<b>NECTARINES</b>				
Canned	82	Ton	35.00	2,870.00
Dried	105	Ton	95.00	9,975.00
Shipped	1,001	Ton	35.00	35,035.00
<b>PRUNES</b>				
Dried	1,600	Ton	54.00	86,400.00
<b>FIGS</b>				
Shipped	220	Ton	40.00	8,800.00
<b>GRAPES</b>				
Shipped				
414 cars	6,624	Ton	20.00	132,480.00
Private	1,200	Ton	30.00	36,000.00
Winery	1,800	Ton	20.00	36,000.00
Trucked	1,600	Ton	20.00	32,000.00
<b>ALMONDS</b>				
	600	Ton	280.00	168,000.00
<b>WALNUTS</b>				
	52,431	100# bags	12.00	629,172.00
Culls & Blows	7,332	100# bags	5.76 plus	42,232.00



<u>CROP</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
ASPARAGUS	8050 acres x 94	Crate (24)	\$ 1.72	\$1,301,524.00
CABBAGE	50 acres x 7½	Ton	13.40	5,025.00
CANTELOUPES	200 acres x 210	Crate (stand)	1.11	46,620.00
CARROTS	50 acres x 242	Crate (6 doz.)	1.30	15,730.00
CAULIFLOWER	50 acres x 320	Crate (pony)	.60	9,600.00
CUCUMBERS	126 acres x 8	Ton	21.60	21,772.80
GARLIC	10 acres x 60	100# sacks	8.60	5,160.00
LETTUCE (S)	50 acres x 145	Crate (5 doz.)	1.80	13,050.00
LETTUCE (F)	100 acres x 140	Crate (5 doz.)	1.45	20,300.00
ONIONS	200 acres x 210	100# sacks	1.00	22,000.00
PEAS (S)	500 acres x 85	Hamper (30 lbs.)	1.25	53,125.00
PEAS (F)	200 acres x 115	Hamper (30 lbs.)	1.80	41,400.00
POTATOES	687 acres	100# sacks (227,628 sacks)	.90	204,865.00
STRAWBERRIES	60 acres x 159	Crate (24 qts.)	2.50	23,850.00
TOMATOES (C)	3577 acres x 8	Ton	12.60	360,561.60
TOMATOES (S)	300 acres x 285	Lug (32 lbs.)	.90	76,950.00
TOMATOES (F)	2000 acres x 275	Lug (32 lbs.)	.80	440,000.00
SUGAR BEETS	5054 acres x 14.9	Ton	5.25	395,349.15
U. S. Sugar Beet Payments				125,072.92

LIVE STOCK

BEEF CATTLE	15,000 x 850 lbs.	@	.08	\$1,020,000.00
DAIRY CATTLE AND CALVES	21,000	@	40.00	840,000.00
HORSES AND COLTS	3,900 (Saddle-Stock and Colts)	@	75.00	292,500.00
MULES AND COLTS	200	@	50.00	10,000.00
SHEEP AND LAMBS	33,100	@	6.00	198,600.00
HOGS	10,600	@	12.00	127,200.00

POULTRY

CHICKENS	140,000		.75	\$ 105,000.00
EGGS	770,000	doz.	.20	154,000.00
TURKEYS	5,000		2.50	12,500.00

<u>GRAIN</u>	<u>ACRES</u>	<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>VALUE</u>
WHEAT	6,672	9	60,048	CWT	\$ 1.25	\$ 75,060.00
BARLEY	26,935	10	269,350	CWT	.80	215,480.00
OATS	1,967	8	15,736	CWT	.95	14,949.20
CORN	5,470	1	5,470	TON	28.00	153,160.00
GRAIN SORGHUMS	175	16	2,800	CWT	1.10	3,080.00
ALFALFA	3,789	4	15,156	TON	8.00	121,248.00
WHEAT HAY	1,950	1.25	24,375	TON	8.00	19,500.00
OTHER GRAIN HAY	32,967	1.25	41,208	TON	7.50	309,060.00
SUNFLOWER SEED	830	7	5,810	CWT	3.50	20,335.00
ALFALFA SEED			410,000	LBS		45,100.00
PASTURE	275,000				2.00	550,000.00

UNITED STATES GOVERNMENT PAYMENTS TO GROWERS

Cover crops and staying within allotments	69,263.99
Range land and developments	711.05
Wheat Parity	9,604.92

REMOVAL OF ORCHARDS

Quite a number of old pear trees were removed on account of blight and not being properly taken care of. The owners of these trees were not in a position to spray, prune, remove blight, or irrigate the trees.

Most of the other acreage represents actual trees removed up until June 1, 1941, on account of sour sap.

A heavy removal of sour sap apricot trees, some peaches, almond and nectarine trees is indicated shortly.

	<u>TREES</u>	<u>(APPROXIMATE)</u>
PEARS	3723	37 acres
PEACHES	4332	48 "
PRUNES	9070	93 "
CHERRIES	1263	16 "
ALMONDS	2225	29 $\frac{1}{2}$ "
APRICOTS	3111	46 "

NEW ORCHARD PLANTING-SPRING 1941

ALMONDS	515	Acres
APRICOTS	97	"
WALNUTS	109	"
CHERRIES	13	"
GRAPES	1	Acre

PLANT QUARANTINE

INTRASTATE

FRUIT TREES	15,373	
NUT TREES	10,875	
CITRUS-SUBTROPICAL	271	
GRAPE VINES	1,309	
STRAWBERRY PLANTS	2,369	
VEGETABLE PLANTS	445	
ORNAMENTALS	33,806	
BULBS (corms, etc.)	24,417	
BEDDING PLANTS	2,170	
REJECTED:	119	FRUIT TREES
	250,000	TOMATO PLANTS
		(nematode)

INTERSTATE

Number shipments passed	1,092
Number plants passed	188,951
Number plants rejected	26

Certification as to pest treatment and condition of outgoing produce is officially required, and in Contra Costa County it concerned Potatoes, Tomatoes and Pears.

209 Methyl Bromide Potato Fumigation certificates were issued for car-load shipments of potatoes to Texas and New Mexico, which states require Methyl Bromide Fumigation as a precautionary measure.

44 Certificates certifying tomato shipments free from Pin Worm infestation were issued. Contra Costa County is in a Pin Worm free area.

28 Methyl Bromide Certificates were issued for fumigation of pear shipments on account of Codlin Moth. The shipments represented lots to canneries and carloads to outside points.

CORRECTED BEARING ACREAGE OF FRUIT, NUT AND VINES

	<u>1940 Estimate</u>	
ALMONDS	5,463 $\frac{1}{2}$	Acres
APPLES	113	"
APRICOTS	4,350	"
CHERRIES	145	"
FIGS	82	"
WINE GRAPES	5,406	"
NECTARINES	237	"
OLIVES	28	"
PEACHES (cling)	166	"
PEACHES (free)	1,007	"
BARTLETT PEARS	2,512	"
OTHER PEARS	174	"
PLUMS	38	"
PRUNES	889	"
PECANS	10.6	"
WALNUTS	10,161	"

## WEED CONTROL

### PUNCTURE VINE

Over one-thousand gallons of Diesel oil was used in oiling puncture vine on county roads. These outbreaks occur mostly in the Brentwood section, but other small, scattered patches have been oiled near Avon, Danville, Cowell, Pittsburg, Muir Station and Clayton. One of the handicaps in the control of this weed pest is the fact that the vines bear seed while still small and before they are spotted and oiled they have dropped seed in the soil. These seeds may germinate several years later depending on soil and moisture conditions.

### ARTICHOKE THISTLE AND PURPLE STAR THISTLE

More than six-thousand gallons of Diesel oil was used in the control of Artichoke thistle, and some patches were cut, because they were too far advanced toward maturity to be oiled. Too many ranchers let this thistle head out and seed without trying to control it. Once the seeds are in the ground they may lie dormant for years awaiting favorable soil and moisture conditions for germination. This weed is a perennial and reproduces from a crown, as well as from seed which are borne in a showy head in quantity.

Purple Star thistle patches were oiled with Diesel oil on the Hercules Powder Company land and the Rodrigues land. Other small patches were hoed and plowed under. This weed is a biennial.

FRUIT, NUT AND VEGETABLE STANDARDIZATION AND  
APIARY INSPECTION

Among the commodities covered are Potatoes, Peas, Pears, Grapes, Peaches, Strawberries, Apples, Cherries, Celery, Asparagus, Onions, Apricots and Melons.

Rejections covered irregular sizes, deceptive pack, display and arrangement, mismarking or lack of marking or old marks not obliterated.

Inspections covered point of origin or time of packing. Destination inspections in markets, stores, stands and retail truck dealers.

EXCESSIVE DEFECTS	594 packages	122,900 lbs.
IRREGULAR SIZES, DECEPTIVE PACK, etc.	318 packages	
MISMARKED	5 packages	

<u>APIARY REPORT</u>	<u>APIARIES</u>	<u>COLONIES</u>
Registered Apiaries	134	2,329
Entering County	8	2,028
Leaving County	2	93
Moving Within County	7	1,058
Inspected	158	1,444
Infected American Foulbrood	20	51
Infected European Foulbrood	8	17
Burned American Foulbrood	20	51

## RODENT CONTROL

Very good results were obtained with Thallium grain in the control of squirrels regardless of the fairly good abundance of burr clover and other feed that squirrels prefer. Thallium coated hulled oats are apparently more acceptable than hulled barley or strychnine coated barley.

On account of a fairly good rainfall, the use of carbon bisulphide gave fine results. Carbon bisulphide was mostly used on farming ground and the Thallium grain on pasture land.

Rats again made their appearance in the vicinity of garbage dumps, poultry ranches, and hog ranches and also in city limits. Poultry houses should be built as near rat proof as possible, and garbage dumps would be less attractive to the rats if oiled down occasionally with a cheap oil. This would also facilitate in burning these dumps when necessary.

This office has not been poisoning inside city limits for rats. The U. S. Public Health Service has been poisoning and trapping at the garbage dumps.

Over fourteen thousand pounds of Thallium grain was used in poisoning squirrels and about six hundred pounds of strychnine barley.

Over seventeen-hundred gallons of carbon bisulphide and seventy-six hundred waste balls were used.



### OTHER PESTS

Grasshoppers did not make their appearance in any large quantity this year, although they were to be found in grain fields and pastures.

Crickets were not as numerous as in the past couple years, but were scattered over the same areas that harbored them before.

Earwigs made their appearance in several new communities, and did some damage to flower gardens and ornamental shrubbery.

One-hundred pounds of Sodium Fluoride, thirty-seven gallons of molasses and eighteen sacks of bran were used in their control. This pest requires cooperation of all persons once it gets a start in a community and can only be kept down by poisoning and trapping with wet sacks, trapping boards, and boxes. Earwigs are night feeders so poison bran should be scattered out after sundown, and the traps set each evening and emptied each morning.

Elm Leaf Beetle again made its appearance at Diablo, Concord and Port Costa. At Diablo, Elm trees on the Diablo Club property, Frick Estate and County road were sprayed. At Concord, scattered trees on the city streets were sprayed. At Port Costa, trees on city streets, school grounds and a few private trees were sprayed. One of the drawbacks, encountered in spraying for this beetle is to find a day when the wind is not blowing.

Elm trees generally attain a good height and a high pressure spraying outfit is needed. The danger of adjoining buildings being splattered with spray is apparent.

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ADVISEMENT REPRESENTATIVES

Supervisor Jack Cummings, Crockett  
Supervisor James N. Long, Richmond  
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Squirrel Committee

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Fruit & Vegetable Standardization  
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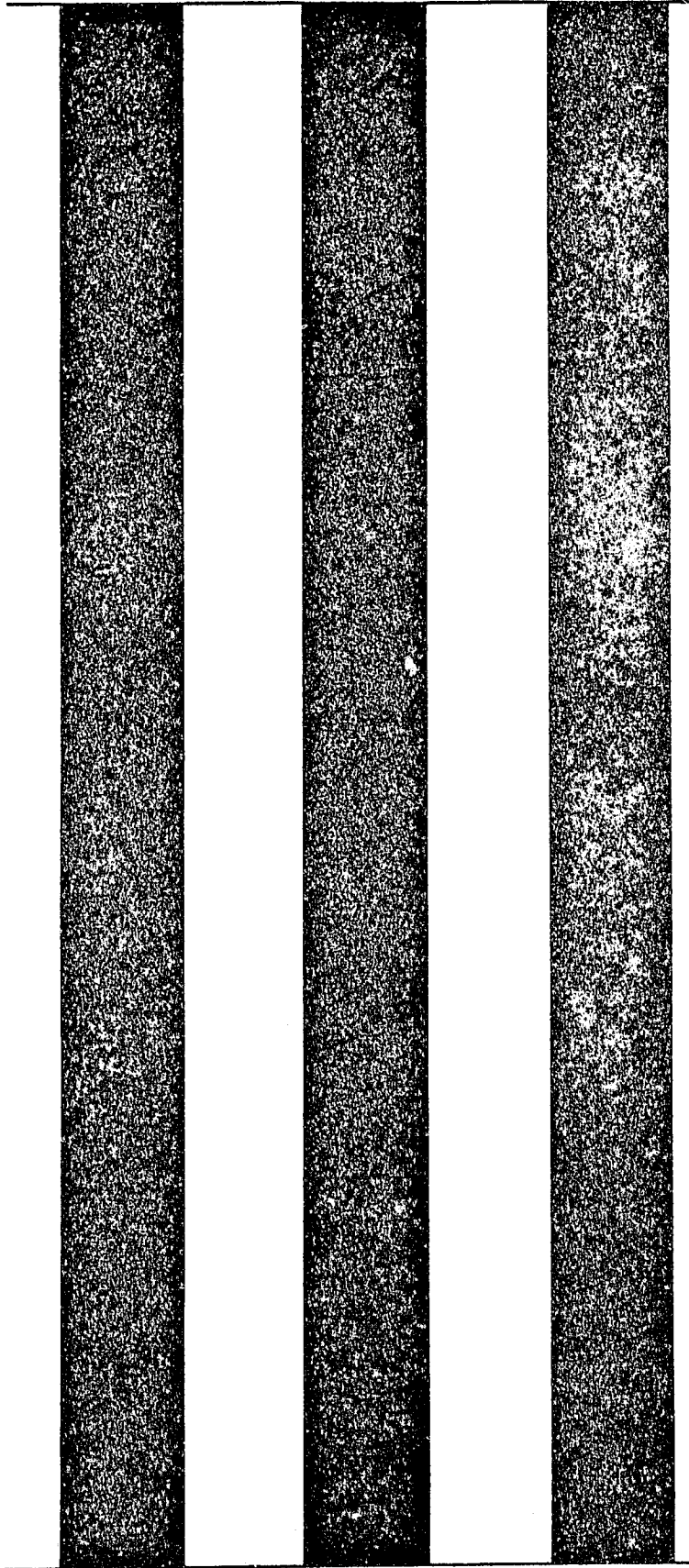
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In Cooperation With

State Department of Agriculture  
United States Department of Agriculture Biological Survey  
United States Public Health Service  
Contra Costa County Development Association  
Future Farmers of America - J. B. Merritt  
Associated Farmers - Harold Butcher



1941



Honorable Board of Supervisors of Contra Costa County  
and W. J. Cecil, Director, California State Department  
of Agriculture.

Gentlemen:

The following crop report was prepared by my  
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or the Agricultural Code of the State of California.

The report covers estimated acreage, production  
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As nearly as possible, the figures represent  
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Respectfully submitted

V. G. Stevens  
Agricultural Commissioner

The Agricultural Commissioner's office wishes to thank  
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United States Department of Agriculture-Agricultural  
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vation Association  
J. E. Digardi-Contra Costa County Dry Wine Grape Growers  
Protective Association  
Agricultural Commissioner's Staff  
Report mimeographed and assembled by Sheriff's Office

BEARING ACREAGE OF FRUIT  
NUT AND VINES      1941

	<u>Acres</u>
ALMONDS                    .....	4755
APPLES                    .....	113
APRICOTS                  .....	3461
CHERRIES                  .....	97
KADOTA FIGS              .....	74
OLIVES                    .....	28
PEACHES    (cling)    ...	154
"        (free )    ...	781
PEARS                    .....	2549
PRUNES                    .....	873
WALNUTS                  .....	10074
WINE GRAPES              .....	5406
NECTARINES               .....	208

<u>GRAIN</u>	<u>ACRES</u>	<u>PRODUCTION</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>VALUE</u>
WHEAT	4720	9 sacks	42,480	CWT	\$ 1.75	\$ 74,340.00
BARLEY	14407	10 sacks	144,070	CWT	1.60	230,512.00
OATS	1700	8 sacks	13,600	CWT	1.65	22,440.00
CORN	9295	1 ton	9,295	TON	35.00	325,325.00
GRAIN SORGHUMS	1133	18		CWT	1.50	30,591.00
ALFALEA	3596	5 ton	17,980	TON	14.00	151,720.00
WHEAT HAY	1349	1.25 ton	1,686	TON	9.00	15,174.00
OTHER GRAIN HAY	10021	1.25 ton	12,526	TON	8.00	100,208.00
SUNFLOWER SEED	415	9 sacks	3,735	TON	3.00	11,205.00
ALFALFA SEED			210,000	IRS	.24	50,400.00
PASTURE	275000				2.00	550,000.00
VETCH HAY	1560	1 ton	1,560	TON	8.00	12,480.00
VOLUNTEER HAY	22768	1 ton	22,768	TON	8.00	182,144.00
VETCH SEED	378				35.00 acre	13,330.00
FENUGREEK	177				25.00 acre	4,425.00
LADINO CLOVER	472				30.00 acre	14,160.00
SUDAN GRASS	108				20.00 acre	2,160.00
STUBBLE	29148				1.00 acre	29,148.00

UNITED STATES GOVERNMENT PAYMENTS  
TO GROWERS

Cover crops and staying within allotments	\$ 94,680.00
Range land and developments	777.00
Wheat Parity	11,095.52

<u>GROP</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
<u>APRICOTS</u>				
Canned	6280	TON	\$ 47.50	\$ 298,300.00
Shipped	4362	"	40.00	174,480.00
Jam	225	"	25.00	5,625.00
Dried	636	"	260.00	165,360.00
<u>PEACHES</u>				
Canned (free)	3215	"	35.00	112,525.00
" (Cling)	828	"	50.00	41,400.00
Shipped (free)	1230	"	70.00	86,100.00
Dried (free)	168	"	160.00	26,880.00
<u>PEARS</u>				
Canned	6778	"	40.00	271,120.00
Shipped	2619	"	45.00	117,855.00
Local	73	"	40.00	2,920.00
Dried	284	"	120.00	34,080.00
<u>CHERRIES</u>				
Shipped	34	"	90.00	3,060.00
Barrelled	20	"	120.00	2,400.00
<u>NECTARINES</u>				
Canned	147	"	47.50	6,982.50
Dried	24	"	120.00	2,880.00
Shipped	1008	"	50.00	50,400.00
<u>PRUNES</u>				
Dried	1600	"	80.00	128,000.00
<u>FIGS</u>				
Shipped	236	"	50.00	11,800.00
<u>GRAPES</u>				
Shipped	8224	"	27.50	226,160.00
Winery	2000	"	25.00	50,000.00
Trucked	1000	"	25.00	25,000.00
<u>ALMONDS</u>	450	"	700.00	315,000.00
<u>WALNUTS</u>				
Shipped	3241	"	280.00	907,480.00
Culls & Blows	383	"	121.00 plus	46,500.00



ANIMAL PRODUCTION

BEEF CATTLE	7725 head	..	Unit Value \$	100.00	\$	772,500.00
VEAL	11500 "	..	" "	15.00		172,500.00
LAMBS	18100 "	..	" "	8.50		153,850.00
HOGS	6918 "	..	" "	20.00		138,360.00
RACE HORSES	12 "	..	" "	800.00		9,600.00
DAIRY PRODUCTS	Butter fat					1,800,000.00
WOOL	150000 LB.			.34		51,000.00

POULTRY

CHICKENS	20,000 LB.			.18		3,600.00
EGGS	840,000 DOZ.			.25		202,500.00
TURKEYS	45,000 LB.			.22		9,910.00

MISCELLANEOUS

NURSERY STOCK..	Sale grown trees, cut flowers, ornamentals					227,000.00
HONEY	..	50	TON	100.00		5,000.00

<u>CROP</u>	<u>ACREAGE</u>	<u>YIELD</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>PRICE</u>	<u>TOTAL VALUE</u>
<u>ASPARAGUS</u>	7,524					
Cannery			2,500,077	LBS	\$ .0575	\$143,754.43
Shipping			468,370			
			30#	CRATES	2.00	936,740.00
<u>CABBAGE</u>	50	6.0	300	TON	15.50	5,250.00
<u>CANTALOUPS</u>	300	370	111,000	H.D.Crt.	.95	105,450.00
<u>HONEYDEWS</u>						
<u>CAULIFLOWER</u>						
Spring	50	200	10,000	PONY CRATE	.65	6,500.00
<u>CELERY</u>						
Fall	70	500	35,000	1/4 Crat	1.00	35,000.00
<u>GARLIC</u>	40	50	2,000	100-lb. sack	10.00	20,000.00
<u>LETTUCE (Spring)</u>	50	100	5,000	CRATE	1.75	8,750.00
Fall	50	130	6,500	"	1.25	8,125.00
<u>PEAS</u>						
Spring	200	150	30,000	BUSHEL	1.80	54,000.00
Fall	600	50	30,000	"	1.75	52,500.00
<u>STRAWBERRIES</u>	75	4300	258,000	QUART	.14	45,752.00
<u>TOMATOES</u>						
Market	350	300	105,000	LUG-32#	.75	78,750.00
Intermediate Mkt.	1800	4 tons	7,200	TONS	55.00	396,000.00
Northern Canning	1800	7.905	14,228	"	13.10	186,386.80
<u>CUCUMBERS for</u>						
Pickles	125	11.0	1,375	"	19.10	26,262.00
<u>SUGAR BEETS</u>	3454	13.43	46,383	"	6.00	278,298.00
U. S. SUGAR BEET PAYMENTS						60,023.14
<u>GRAND TOTAL</u>						\$11,031,983.39

APIARY INSPECTION

NUMBER OF COLONIES	2330
INSPECTED COLONIES	2330
INFESTED AMERICAN FOULBROOD	87
BURNED FOR AMERICAN FOULBROOD	87

EGG INSPECTION

NUMBER OF INSPECTIONS	83
DOZEN EGGS SAMPLES INSPECTED	7233 doz.
TOTAL DOZEN EGGS REJECTED	1166 doz.
TOTAL NUMBER CITATIONS	1
TOTAL NUMBER PROSECUTIONS	1

REASONS FOR REJECTION

REJECTION INEDIBLES	25 doz.
MISLABELING AS TO QUALITY	157 doz.
IMPROPER MARKINGS, ETC.	984 doz.
ILLEGAL ADVERTISEMENTS, ETC.	4

## WEED CONTROL

Over thirteen thousand gallons of Diesel Oil was used in the control of Artichoke Thistle for the year 1941.

One of the drawbacks in the control of this weed pest is the transportation of oil to a reasonable working distance of the infestations. In some instances, tractors and sleds were used and in others, horses and sleds. On some of the larger patches of thistle a small 100 gallon Bean Sprayer was used. A goodly percentage of young Artichoke Thistles appeared this year due to a fairly abundant rainfall.

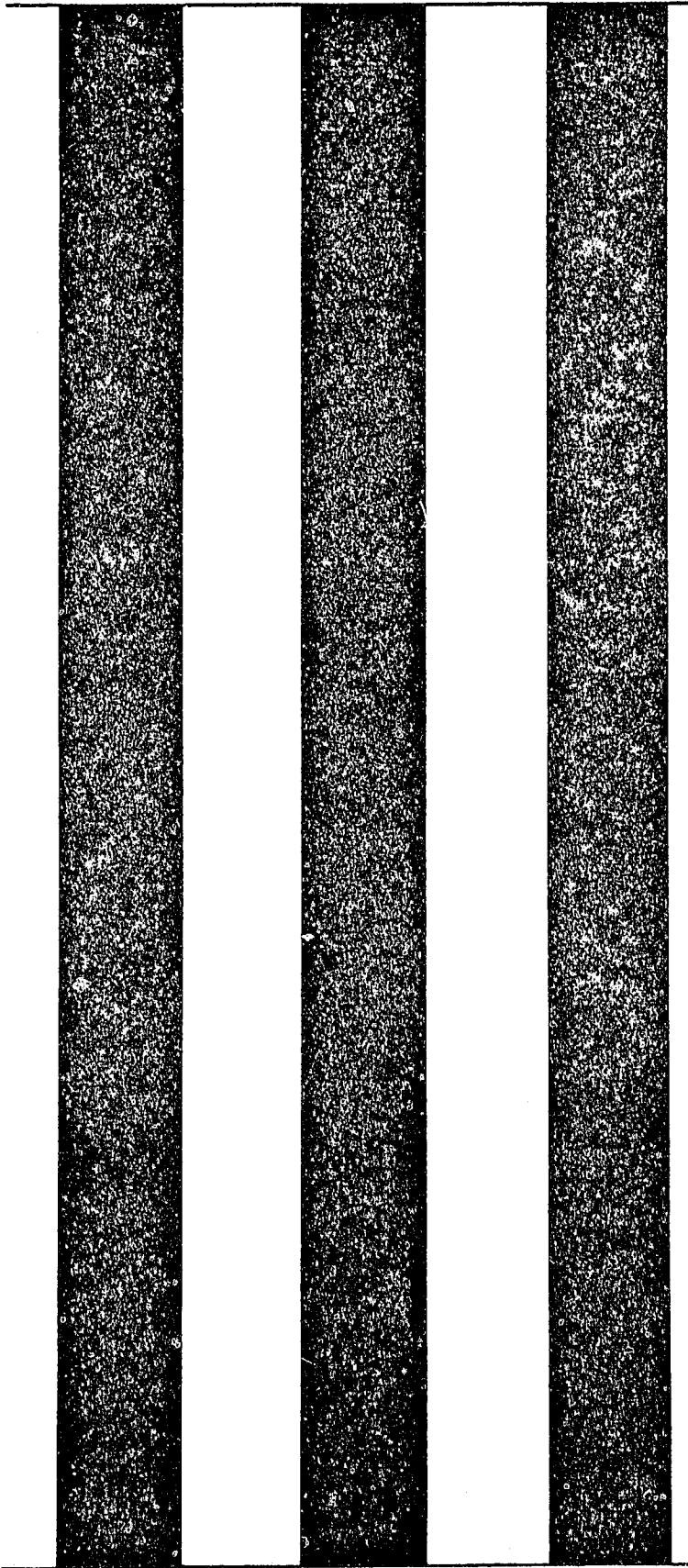
Over fifteen hundred gallons of Diesel Oil was used in the control of Puncture Vine on County Roads, canal banks and Highways.

The larger outbreaks were in the Brentwood and Byron Districts with small spotted patches appearing along roadsides near Avon, Muir Station, Clayton, Oakley and Danville.

One area of Klamath Weed located in Redwood Park, a section of the Regional Park System, was worked over with a bulldozer.

This patch of weeds was found on a larger ridge close to the Skyline Boulevard adjoining Alameda County. The bulldozer shoved the top five inches of soil and weeds into a fill limiting the infested area to a minimum.

To date, the area looks in fine shape. The fill can be readily treated with chemicals for a fraction of the cost it would have taken for the original area of approximately around six acres.



1942

V. F.  
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AGRICULTURAL REPORT  
CONTRA COSTA COUNTY  
1942

V. G. STEVENS  
AGRICULTURAL COMMISSIONER

UNIVERSITY OF CALIFORNIA  
LIBRARY  
COLLEGE OF AGRICULTURE  
DAVIS

Honorable Board of Supervisors of Contra Costa County  
and W. J. Cecil, Director, California State Department  
of Agriculture

Gentlemen:

The following crop report was prepared by my  
office in accordance with the provisions of Section 65.5  
of the Agricultural Code of the State of California.

The report covers estimated acreage, production  
and value of the agricultural products of Contra Costa  
County for the year 1942.

As nearly as possible the figures represent  
payments to growers, but does not include COST OF PRO-  
DUCTION.

Respectfully submitted

V. G. Stevens  
Agricultural Commissioner

The Agricultural Commissioner's office wishes to thank  
the following persons, Firms, Associations and Depart-  
ments who so kindly co-operated in making this report  
possible:

United States Department of Agriculture-Agricultural  
Marketing Service  
California Department of Agriculture-Bureau of Agri-  
cultural Statistics  
California Department of Agriculture-Division of  
Animal Industry  
K. B. Jones-California Packing Corporation  
N. Harrison-Contra Costa Walnut Growers Association  
A. S. Ferguson-Asparagus Grower  
C. B. Weeks-Balfour, Guthrie Company  
W. G. Norris-H. P. Garin Company  
Frank Rose-Rosenberg Bros. and Company  
N. A. Gehringer-Contra Costa County Agricultural  
Conservation Association  
J. E. Digardi-Contra Costa County Dry Wine Grape  
Growers Protective Association  
Agricultural Commissioner's Staff

FRUIT, NUT AND VINE ACREAGE 1942

	<u>BEARING</u>	<u>NON BEARING</u>
ALMONDS .....	4985	1854
APPLES .....	113	0
APRICOTS .....	3520	436
CHERRIES .....	99	55
FIGS ( Kadota ) .....	74	0
NECTARINES .....	216	47
OLIVES .....	28	
PEACHES ( Cling ) .....	241	
( Free ) .....	968	94
PEARS .....	2549	68
PRUNES .....	850	
WALNUTS .....	10530	310
WINE GRAPES .....	5411	17



<u>CROP</u>	<u>PRODUCTION</u>	<u>UNIT</u>		<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
APRICOTS					
Canned	3207	TONS	@	\$62.50	\$ 200,437.50
Shipped	3047	TONS	@	60.00	182,820.00
Dried	1000	TONS	@	350.00	350,000.00
CHERRIES					
Barrelled	34	TONS	@	122.00	4,148.00
Fresh	15	TONS	@	160.00	2,400.00
FIGS					
Shipped	230	TONS	@	65.00	14,950.00
GRAPES					
Shipped	7296	TONS	@	37.50	273,600.00
Winery	1500	TONS	@	37.50	56,250.00
Jelly	300	TONS	@	45.00	1,350.00
Local	2000	TONS	@	50.00	100,000.00
NECTARINES					
Shipped	989	TONS	@	60.00	59,340.00
Dried	57	TONS			14,820.00
PEACHES <u>Free</u>					
Canned	1534	TONS	@	40.00	61,360.00
Shipped	1281	TONS	@	45.00	57,645.00
Dried	411	TONS	@	260.00	106,860.00
<u>Cling</u>					
Canned	870	TONS	@	60.00	52,200.00
Shipped	35	TONS	@	45.00	1,575.00
PEARS					
Canned	7777	TONS	@	60.00	466,620.00
Shipped	2925	TONS	@	60.00	175,500.00
Dried	260	TONS	@	230.00	59,800.00
PRUNES					
Dried	960	TONS	@	125.00	120,000.00
ALMONDS	1365	TONS	@	400.00	546,000.00
WALNUTS	3600	TONS	@	310.00	1,116,000.00
					<u>4,023,675.50</u>
			Total		4,023,675.50

<u>CROP</u>	<u>ACRES</u>	<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
ASPARAGUS	7030					
Shipping		120,831		30# CRATE	\$2.30	\$277,911.30
Canning		5,799		TONS	116.50	675,583.50
BROCCOLI	200	155	31,000	42# CRATE	1.80	55,800.00
CABBAGE	50	6	300	TON	15.50	5,250.00
CANTALOUPE	350	160	56,000	CRATE	2.00	112,000.00
CARLIFLOWER	50	200	10,000	CRATE	.90	9,000.00
CELERY	100	200	20,000	HALFCRATE	1.70	34,000.00
CUCUMBERS	95	4	380	TON	35.00	10,300.00
GARLIC	20	50	1,000	100# SK.	4.25	4,250.00
LETTUCE ( S )	50	100	5,000	CRATE	1.85	9,250.00
LETTUCE ( F )	100	170	17,000	CRATE	3.50	59,500.00
ONIONS	100	200	20,000	100# SK.	1.25	25,000.00
PEAS ( P )	35	90	32 TONS	TON	54.00	1,728.00
PEAS ( S )	450	70	31,500	BUSHEL	1.50	47,250.00
PEAS ( F )	400	50	20,000	BUSHEL	2.50	50,000.00
STRAWBERRIES	25					11,875.00
TOMATOES						
Canning	3913	5.09	19,917	TONS	18.00	358,506.00
Peartype	270	8	2,160	TONS	20.00	43,200.00
Pole	50	50	2,500	TONS	105.00	262,500.00
Shipping	476 CARS x	650	32 Lb.	LUGS	2.00	618,800.00
POTATOES	1000	200	200,000	SACKS	2.30	460,000.00
SUGAR BEETS	3065	13.1	401,515	TON	8.50	341,287.75
U. S. SUGAR BEET PAYMENTS						79,266.53
OTHER U. S. PAYMENTS						47,800.00
Total						3,600,058.08

<u>CROP</u>	<u>ACRES</u>	<u>PRODUCTION</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
ALFALFA	4000	4	16000	Ton	\$19.00	\$504,000.00
ALFALFA SEED	500	400	200000	Lb.	.22	44,000.00
BARLEY						
Grain	30000	100	42000000	Lb.	1.35 cwt.	567,000.00
Hay	6000	1½	7500	Ton	14.00	105,000.00
BEANS	200	12	2400	Sack	7.50	18,000.00
CORN ( F )	6000	1½	7500	Ton	38.00	285,000.00
CORN ( Sweet )	90	20	1800	Crate	1.00	1,800.00
FLAX	258	713	183954	Lbs.	.0475	8,737.81
GRAIN SORGHUMS	1000	1600	1600000	Lbs.	cwt.	26,400.00
OATS	1000	800	800000	Lbs.	1.55 cwt.	12,400.00
PASTURE RANGE	275000				2.00	550,000.00
RICE	115	4600	460000	Lbs.	.03	13,800.00
VETCH HAY	1000	2¼	2500	Ton	12.00	50,000.00
SEED	1500	400	600000	Lbs.	.04	24,000.00
VOLUNTEER HAY	28000	1½	35000	Ton	10.00	350,000.00
WHEAT						
Grain	3809	1062	4045158	Lbs.	1.90 cwt.	76,856.90
Hay	951	1½	1188	Ton	14.00	16,632.00
STUBBLE	34809				1.00	34,809.00
Total						2,468,435.71

ANIMAL PRODUCTION

BEEF CATTLE.....		\$840,000
BABY BEEF, VEAL.....		100,500
CHICKENS.....	20,000 lbs. @ 29¢ per lb.	5,800
EGGS.....	410,000 doz. @ 32¢ per doz.	131,200
DAIRY PRODUCTS		
BUTTER FAT, MILK AND MILK PRODUCTS		1,206,000
HOGS.....		168,560
SHEEP, LAMBS AND PELTS.....		129,600
TURKEYS.....	33,000 lbs. @ 34¢ per lb.	11,220
WOOL.....	137,000 lbs. @ 35¢ per lb.	47,950

MISCELLANEOUS

HONEY.....	70,000 lbs. @ 11¢ per lb.	7,800
NURSERY STOCK		
Sale of grown trees, cut flowers and ornamentals.....		220,000

ANIMAL PRODUCTION

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MISCELLANEOUS

HONEY.....70,000 lbs. @ 11¢ per lb.	7,800
NURSERY STOCK	
Sale of grown trees, cut flowers and ornamentals.....	220,000

APIARY

REGISTERED COLONIES	2861
ENTERING COUNTY	67
LEAVING COUNTY	495
INSPECTED	3600
INFECTED WITH AMERICAN FOULBROOD	94
INFECTED WITH EUROPEAN FOULBROOD	91
BURNED FOR AMERICAN FOULBROOD	94

Many colonies of bees were killed at the request of residents on account of being a nuisance. They had mostly entered houses.

EGG STANDARDIZATION

Number of inspections made	84
Total dozen eggs inspected	5223
Total dozen eggs rejected	1341
Number of citations	1
Dozens rejected because of quality	495
Dozens rejected because of mislabeling as to size	80
Dozens rejected because of improper marking	<u>766</u>
Total dozen eggs REJECTED	1341

FRUIT, NUT & VEGETABLE  
STANDARDIZATION

TOTAL TONS INSPECTED	6500
TOTAL TONS NOT UP TO STANDARD AND ORDERED DUMPED, OR REPLACED ON ACCOUNT OF DECAY, MOLD, OVERRIPE, NOT PROPERLY PACKED, ETC.	55 $\frac{1}{2}$

RODENT, PLAGUE and PEST CONTROL

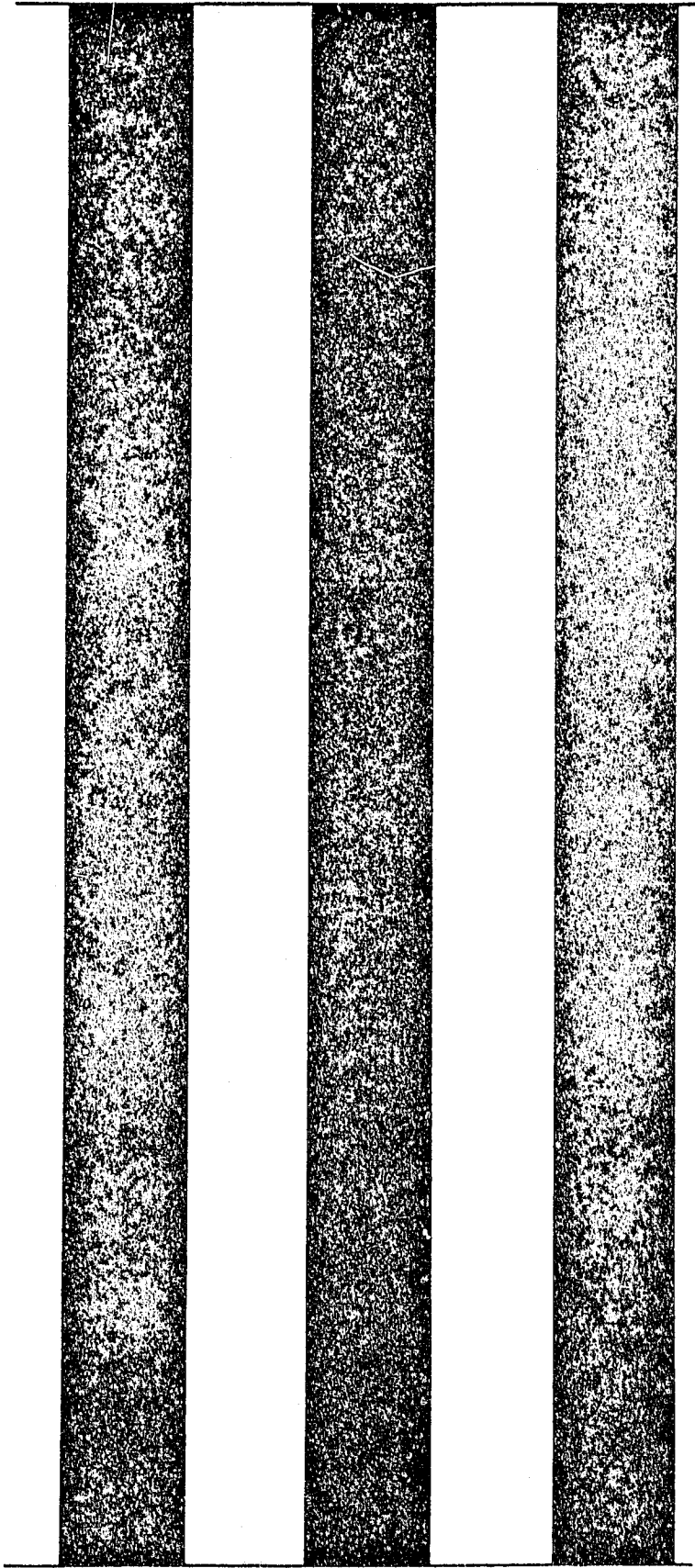
Number Lbs. Thallium Oats Placed Out	14,806
Number Lbs. Strychnine Barley Placed Out	133
Number Lbs. Carbon Bisulphide Placed Out	1,844
Number Waste Balls Placed Out	57,285
Number Ozs. Liquid Red Squill Placed Out	262
Number Sacks Bran used in Earwig Control	7
Number Lbs. Fluoride used in Earwig Control	25

WEED CONTROL

Number Gals. Diesel Oil used in Artichoke Thistle Control	7,292
Number Gals. Diesel Oil used in Puncture Vine Control	1,000

NURSERY STOCK INSPECTION

Number of Fruit Trees inspected	12,931
Number of Deciduous Nut Trees inspected	16,469
Number of Citrus and Subtropical inspected	494
Number of Grape Vines inspected	8,954
Number of Strawberry Plants inspected	8,508
Number of Other Berry Plants inspected	546
Number of Vegetable Plants inspected	1,160
Number of Seedlings Deciduous inspected	5,000
Number of Ornamentals inspected	26,276
Number of Bedding Plants inspected	75,985
Number of Succulents, Bulbs, Roots, etc. inspected	34,664
Number of Trees REJECTED at Nursery	762



1943



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AGRICULTURAL REPORT  
CONTRA COSTA COUNTY  
1943

*Contra Costa  
Agricultural Economics*

Honorable Board of Supervisors of Contra Costa County  
and A. A. Brock, Director, California State Department  
of Agriculture

Gentlemen

The following crop report was prepared by my  
office in accordance with the provisions of Section 65.5  
of the Agricultural Code of the State of California.

The report covers estimated acreage, production,  
and value, of the agricultural products of Contra Costa  
County for the year 1943.

As nearly as possible the figures represent  
payments to growers, but does not include COST OF PRO-  
DUCTION.

Respectfully submitted

V. G. Stevens  
Agricultural Commissioner

\*\*\*\*\*

The Agricultural Commissioner wishes to thank the  
following persons, Firms, Associations, and Depart-  
ments who so kindly cooperated in making this report  
possible:

United States Department of Agriculture-Agricultural  
Marketing Service  
California Department of Agriculture-Bureau of Agric-  
ultural Statistics  
California Department of Agriculture-Division of Animal-  
Industry  
K. B. Jones-California Packing Corporation  
A. S. Ferguson-Asparagus Grower  
C. B. Weeks-Fruit Grower  
W. G. Norris-H. P. Garin Company  
Frank Rose-Rosenberg Bros. and Company  
Contra Costa County Agricultural Conservation Association  
J. E. Digardi-Contra Costa County Dry Wine Grape Growers  
Protective Association  
Joseph Lawrence-Stock Buyer and Rancher  
Contra Costa County Walnut Growers Association

FRUIT, NUT AND VINE ACREAGE FOR 1943

	<u>BEARING</u>	<u>NON BEARING</u>
ALMONDS . . . . .	5147	1880
APPLES . . . . .	113	0
APRICOTS . . . . .	3582	505
CHERRIES . . . . .	119	45
FIGS ( Kadota ) . . . . .	74	0
NECTARINES . . . . .	216	47
OLIVES . . . . .	28	
PEACHES ( Cling ) . . . . .	154	
( Free ) . . . . .	1006	57
PEARS . . . . .	2731	59
PRUNES . . . . .	850	
WALNUTS . . . . .	10647	258
WINE GRAPES . . . . .	5411	17

<u>CROP</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
APRICOTS				
Canned	832	TONS	\$ 100.00	\$ 83,200.00
Shipped	4106	TONS	170.00	698,020.00
Frozen	1082	TONS	100.00	108,200.00
Dried	116	TONS	620.00	71,920.00
CHERRIES				
Barrelled	24	TONS	180.00	4,320.00
Fresh	20	TONS	230.00	4,600.00
FIGS				
Shipped	353	TONS	143.00	50,479.00
Canned	23	TONS	120.00	4,320.00
GRAPES				
Shipped	3536	TONS	85.00	300,560.00
Winery	8525	TONS	82.25	701,181.25
NECTARINES				
Shipped	1014	TONS	125.00	126,750.00
Dried	48	TONS	520.00	24,960.00
PEACHES (Free)				
Shipped	2998	TONS	117.00	350,766.00
Dried	213	TONS	460.00	97,980.00
(Cling)				
Canned	505	TONS	65.00	32,825.00
Shipped	117	TONS	125.00	14,625.00
PEARS (Bartlett)				
Canned	6926	TONS	65.00	450,190.00
Shipped	4496	TONS	112.00	503,552.00
Dried	228	TONS	330.00	75,240.00
By Products	537	TONS	16.00	8,592.00
Wasted	500	TONS		
(B. Hardy)				
Canned	134	TONS	65.00	8,710.00
Shipped	618	TONS	100.00	61,800.00
Shipped (Comice)	42	TONS	100.00	4,200.00
Shipped (Bosc)	33	TONS	100.00	3,300.00
ALMONDS	1300	TONS	680.00	884,000.00
Walnuts	5335	TONS	538.00	2,870,230.00
Blows & Culls	874	TONS		212,340.00

<u>CROP</u>	<u>ACRES</u>	<u>PER ACRE</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
ASPARAGUS	8130					
Shipping		20	\$162,600	30# crate	\$ 3.36	\$ 546,336.00
Canning			4,509	tons	150.00	676,350.00
BROCCOLI	200	150	30,000	42# crate	3.00	90,000.00
CABBAGE	50	8	400	ton	50.00	20,000.00
CARROTS						
Spring	70	200	14,000	crate	2.50	35,000.00
Fall	50	200	10,000	crate	2.50	25,000.00
CAULIFLOWER	50	250	12,500	ponycrate	2.00	25,000.00
CELERY	250	450	112,500	halfcrate	2.25	253,125.00
CUCUMBERS	95	5.14	488	tons	34.74	16,953.12
CARLIC	210	70	14,700	cwt.	8.00	117,600.00
HONEY DEWS	400	350	140,000	dewcrate	3.00	420,000.00
LETTUCE						
Spring	50	140	7,000	crate	4.00	28,000.00
Fall	100	150	15,000	crate	2.50	37,500.00
ONIONS	100	150	15,000	cwt.	3.00	45,000.00
PEAS						
Spring	200	150	30,000	bushel	2.50	75,000.00
Fall	200	80	16,000	bushel	3.00	48,000.00
PEPPERS						
Bell	50	400	20,000	bushel	1.75	35,000.00
POTATOES	500	200	100,000	cwt.	3.75	375,000.00
STRAWBERRIES	5	4,000	20,000	quarts	.40	8,000.00
TOMATOES						
Canning	4316	5.6	24,030	tons	25.56	614,189.00
Pole	20	40	800	tons	50.00	40,000.00
Shipping	1750	290	507,500	lugs	2.00	1,015,000.00
SUGAR BEETS	1621	14.00	22,694	tons	9.20	208,784.80
U. S. PAYMENTS						66,882.06

<u>CROP</u>	<u>ACRES</u>	<u>PRODUCTION</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
ALFALFA	4000	4	\$ 16,000	TONS	\$ 22.00	\$ 352,000.00
Seed	500	400	200,000	LBS.	.38	76,000.00
BARLEY						
Grain	24,000	7/10	16,800	TONS	46.00	772,800.00
Hay	9,000	1 $\frac{3}{4}$	11,250	TON	18.00	202,500.00
BEANS						
Dried	2,000	12	24,000	CWT.	6.75	162,000.00
CORN						
Field	4,500	1 $\frac{1}{2}$	5,625	TONS	50.00	281,250.00
Sweet	200	50	10,000	CRATE	2.50	25,000.00
FLAX	440	13	5,720	BUSHEL	3.25	18,590.00
GRAIN	1,000					
Sorghums		4/5	800	TONS	50.00	40,000.00
OATS						
Hay	1,500	1 $\frac{1}{4}$	1,875	TONS	18.00	33,750.00
Grain	2,500	2/5	1,000	TONS	56.00	56,000.00
GRAZING	181,472				2.00	362,944.00
SUN. FLOWER						
Seed	600	$\frac{1}{2}$	300	TONS	150.00	45,000.00
VOLUNTEER						
Hay	21,000	1 $\frac{1}{4}$	26,250	TONS	13.00	341,250.00
WHEAT						
Grain	2,000	$\frac{1}{2}$	1,000	TONS	48.00	48,000.00
Hay	1,000	1 $\frac{1}{4}$	1,250	TONS	18.00	22,500.00
STUBBLE	28,500				1.00	28,500.00
VETCH						
Hay	1,000	2 $\frac{1}{4}$	2,500	TONS	18.00	45,000.00

ANIMAL PRODUCTION

Horses and Mules .....	3,200
Milk Cows and Heifers, all ages .....	11,500
Beef Cattle, all ages .....	16,500
Hogs .....	5,500
Sheep and Lambs .....	30,000

\*\*\*\*\*

LAMBS sold 15,000 @ \$13.40 per 100 lbs.....\$150,150.00

STEERS  
shipped and  
slaughtered 4,702 @ \$12.20 per 100 lbs..... 458,915.20

VEAL shipped  
and slaughtered 2,062 @ \$13.50 per 100 lbs..... 44,539.20

COWS & HEIFERS 4,140 @ \$10.00 per 100 lbs..... 372,600.00

BULLS & STAGS  
shipped and  
slaughtered 251 @ \$10.00 per 100 lbs..... 37,650.00

DAIRY PRODUCTS  
Butter Fat 833,585 Lbs. @ \$.83 691,875.55

TURKEYS 18,000 Lbs. @ .45 8,100.00

CHICKENS 20,000 Lbs. @ .29 5,800.00

Eggs 89,920 Doz. @ .42 37,766.40

WOOL 150,000 Lbs. @ .42 63,000.00

MISCELLANEOUS

HONEY 70,000 Lbs. @ .12 8,400.00

NURSERY STOCK  
Cut Flowers-grown trees 113,000.00

HOGS shipped and  
slaughtered 3,500 @ \$14.40 per 100 lbs..... 115,920.00

### APIARY

REGISTERED COLONIES	925
ENTERING COUNTY	400
LEAVING COUNTY	254
INSPECTED	2033
INFECTED WITH AMERICAN FOULBROOD	29
INFECTED WITH EUROPEAN FOULBROOD	64
BURNED FOR AMERICAN FOULBROOD	29

Many colonies of bees were killed at the request of residents on account of being a nuisance. They had mostly entered houses.

### EGG STANDARDIZATION

NUMBER OF INSPECTIONS MADE	99
TOTAL DOZEN EGGS INSPECTED	1759
TOTAL DOZEN EGGS REJECTED	366
DOZENS REJECTED BECAUSE OF MISLABELING AS TO SIZE	52
DOZENS REJECTED BECAUSE OF IMPROPER MARKING	314
TOTAL DOZEN EGGS REJECTED	366

### FRUIT, NUT AND VEGETABLE STANDARDIZATION

TOTAL PACKAGES INSPECTED	814,575
TOTAL PACKAGES NOT UP TO STANDARD AND ORDERED DUMPED, OR REPACKED ON ACCOUNT OF DECAY, MOLD, OVERRIPE, NOT PROPERLY PACKED, ETC.	2,392

CROPS: POTATOES, CELERY, LETTUCE, TOMATOES, MELONS, GRAPES, PEARS, PEACHES, APRICOTS, CHERRIES.



RODENT, PLAGUE AND PEST CONTROL

Number Lbs. Thallium Barley placed out	23, 562
Number Lbs. Strychnine Barley placed out	865
Number Gals. Carbon bisulphide placed out	1, 955 $\frac{3}{4}$
Number Waste Balls placed out	78, 735
Number Ozs. Liquid Red Squill placed out	983 $\frac{1}{2}$
Number sacks of Bran used in Earwig Control	2
Number Lbs. Fluoride used in Earwig Control	12 $\frac{1}{2}$
Number Lbs. Zinc Phosphide baits-Rat Control	646
Number Lbs. Red Squill Rat Mash	496 $\frac{1}{4}$

WEED CONTROL

Number Gals. Diesel Oil used in Artichoke Thistle Control	13, 250
Number Gals. Diesel Oil used in Klamath Wood Control	1, 100
Number Gals. Borax-Lye used in Klamath Weed Control	5, 400
Number Gals. Sodium Chlorate & Borax Spray used in Klamath Weed Control	1, 200
Number of Gals. Borax & Lye used in Puncture Vine Control	1, 500
Number Gals. Oil used in Puncture Vine Control	755
Number Lbs. Dry Borax used in Klamath Weed Control	1, 600

NURSERY STOCK INSPECTION

Number of Fruit Trees inspected	12, 308
Number of Deciduous Nut Trees inspected	7, 470
Number of Citrus and Subtropical Trees inspected	647
Number of Grape Vines inspected	1, 612
Number of Strawberry Plants inspected	12, 402
Number of Other Berry Plants inspected	6, 664
Number of Vegetable Plants inspected	8, 600
Number of Seedlings Deciduous inspected	1, 012
Number of Ornamentals inspected	37, 956
Number of Bedding Plants inspected	7, 028
Number of Succulents, Bulbs, Roots, etc., inspected	29, 627
Number of Trees REJECTED at Nursery, and from Shipments-	
Nut trees.....302 for Crown Gall	
Nut trees.....324 for Nematode	
Misc. Fruit...1121	
No Certificate-Pierces Disease-Grape	6

### KLAMATH WEED CONTROL

The larger part of the area infested with this weed was disced and cross disced, using a Killifer double disc loaded with over a thousand pounds of rock and drawn by a 75 Caterpillar tractor. The remaining area was sprayed with a solution of Borax and Lye, using some 5400 gallons. A small area was sprayed with a solution of Sodium Chlorate and Borax, using some 1200 gallons. Some 1600 pounds of dry Borax was used in the Fall by broadcasting it on an area not disced. Approximately 1100 gallons of Diesel oil was used in spraying one area not disced.

All disced areas were sowed with grain to keep the soil from eroding.

The infested area was inspected on April 2, 1944, by the 1943-44 Grand Jury Committee, who pronounced the work done very satisfactory, considering the terrain and results obtained.

### ARTICHOKE THISTLE CONTROL

Approximately 13,250 gallons of Diesel oil was used in spraying areas where this thistle is found.

Good results were obtained and a diminishing amount of the thistles was noted where ranchos have been following up the spray program.

The scarcity of oil, containers, and help, are severe obstacles to overcome.

### PUNCTURE VINE CONTROL

On account of an OPA ruling that oil could not be used on County Roads, Borax and Lye was used and some crank case drainings. The Borax and Lye solution is not as good as the Diesel oil for Puncture Vine Control, but where crank case drainings were used and pepped up with Borax and Lye, fairly good results were obtained.

### SQUIRREL CONTROL

On account of not being able to purchase the special squirrel oats which have been used with very fine success in poisoning squirrels, hulled barley was used during 1943. This did not prove as successful as the poisoned oats, but it was the best that could be procured.

Nearly 2000 gallons of carbon bisulphide and 78,735 waste balls were also used in squirrel control work with fine results.

### RAT CONTROL

In rat control hundreds of Cody's rat poison packages were used with very good results, especially in the Walnut Creek section. Some were used in the Concord and Danville sections. Approximately 983 ounces of Liquid Red Squill was used, mostly in the liquid form, because the users could apply it to different assortment of baits.

Over ten times the amount of Red Squill used by any organization was placed out by Agricultural Inspectors during the same period, and in the same localities as the organization. The organization, in their verbal report to the Supervisors, claimed they had very fine success.

The City of Concord used 75 pounds of Chicken Mash, poisoned with Red Squill, with good results.

### SPRAYING TREES

The County Park at Pacheco was sprayed, along with the shade trees at the Hospital grounds.

The Elm trees at Port Costa were also sprayed for Elm Leaf Beetle.



1944

JAN 20 1945

AGRICULTURAL REPORT  
CONTRA COSTA COUNTY  
1944

Honorable Board of Supervisors of Contra Costa County and  
A. A. Brock, Director, California State Department of Agriculture

Gentlemen

The following crop report was prepared by my office  
in accordance with the provisions of Section 65.5 of the  
Agricultural Code of the State of California.

The report covers estimated acreage, production  
and value, of the agricultural products of Contra Costa County  
for the year 1944.

As nearly as possible, the figures represent payments  
to growers, but do not include COST OF PRODUCTION.

Respectfully submitted

V. G. Stevens  
Agricultural Commissioner

\*\*\*\*\*

The Agricultural Commissioner wishes to thank the following  
persons, Firms, Associations, and Departments, who so kindly  
co-operated in making this report possible:

United States Department of Agriculture-Agricultural Marketing  
Service and Bureau of Agricultural Economics  
California Department of Agriculture-Bureau of Agricultural  
Statistics and Division of Animal Industry  
Mr. K. B. Jones-California Packing Corporation  
Mr. A. S. Ferguson-Asparagus Grower  
Mr. C. B. Weeks-Fruit Grower  
Mr. W. G. Norris-H. P. Garin Company  
Mr. Frank Rose-Rosenberg Bros. and Company  
Mr. J. E. Digardi-Contra Costa County Dry Wine Grape Growers  
Protective Association  
Mr. Joseph Lawrence-Stock Buyer and Rancher  
Contra Costa County Agricultural Conservation Association  
Contra Costa County Walnut Growers Association

ANIMAL PRODUCTION

Horses and Mules	3,200
Milk Cows and Heifers, all ages	11,500
Beef Cattle, all ages	16,500
Hogs	5,500
Sheep and Lambs	30,000

\*\*\*\*\*

Sheep and Lambs					
Sold	15,000	@	\$10.00		\$150,000.00
Hogs					
Shipped and Slaughtered	3,500	@	\$32.00		112,000.00
Steers					
Shipped and Slaughtered	4,702	@	\$95.00		466,690.00
Veal Cows and Stags	5,451				429,350.00
Dairy Products					
Butter Fat	55,830	lbs.	@	.53	39,589.90
Whole Milk	179,678	cwt.	@	3.50	628,873.00
Dairy Feed Payments					112,682.23
Chickens					
Fricassee-Fryers-					
Broilers	130,000	lbs.	@	.30	39,000.00
Eggs	89,920	doz.	@	.40	35,968.00
Squabs-Rabbits-					25,000.00
Ducks & Geese					
Turkeys	28,000	lbs.	@	.45	12,600.00
Hatcheries					12,600.00

MISCELLANEOUS

Honey	70,000	lbs.	@	.12	\$ 8,400.00
Nursery Stock					
Cut Flowers-grown trees					113,000.00

FRUIT, NUT AND VINE ACREAGE FOR 1944

	<u>BEARING</u>	<u>NON BEARING</u>
ALMONDS	5147	1880
APPLES	113	0
APRICOTS	3582	505
CHERRIES	119	45
FIGS (Kadota)	74	0
NECTARINES	216	47
OLIVES	28	0
PEACHES (Cling)	154	
(Free )	1006	57
PRUNES	850	0
PEARS	2731	59
WALNUTS	10647	258
WINE GRAPES	5411	17



<u>CROP</u>	<u>ACRES</u>	<u>PROD.</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
ALFALFA	4,500	4	18,000	TON	\$ 22.00	\$396,000.00
Seed	575	400	215,000	LBS.	.33	81,775.00
BARLEY						
Grain	20,000	17	340,000	CWT.	2.20	748,000.00
Hay	8,000	14	8,250	TON	20.00	165,000.00
BERNS						
Dried	1,700	12	20,400	CWT	7.00	142,800.00
CORN						
Field	3,500	1 $\frac{1}{2}$	4,375	TON	50.00	218,750.00
Sweet	300	50	15,000	CRATE	1.80	27,000.00
FLAX	88	9	792	BUSHEL	3.00	2,376.00
GRAIN						
Scrghums	1,000	4/5	800	TON	48.00	38,400.00
OATS						
Hay	1,000	1 $\frac{1}{2}$	1,250	TON	20.00	25,000.00
Grain	3,500	2/5	1,000	TON	52.00	52,000.00
SUNFLOWER						
Seed	2,200	7	15,400	CWT	8.00	123,200.00
VOLUNTARY						
Hay	18,000	1 $\frac{1}{2}$	22,500	TON	15.00	337,500.00
WHEAT						
Grain	3,000	1 $\frac{1}{2}$	1,500	TON	50.00	75,000.00
Hay	1,000	1 $\frac{1}{2}$	1,250	TON	20.00	25,000.00
STUBBLE	23,000				1.00	23,000.00
VETCH						
Seed	600	2 $\frac{1}{2}$	240,000	LBS.	18.00	45,000.00
PAYMENTS UNDER A.A.A. PROGRAM						36,361.53

<u>CROP</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
APRICOTS				
Canned	5398	TON	\$ 80.00	\$ 431,840.00
Shipped	7494	TON	105.00	787,170.00
Frozen	1800	TON	50.00	90,000.00
Dried	2285	TON	20.00	45,700.00
CHERRIES				
Barroled	18	TON	240.00	4,320.00
Fresh	300	TON	240.00	72,000.00
FIGS				
Shipped	394	TON	240.00	94,560.00
GRAPES				
Shipped and Winery	11000	TON	98.00	1,078,000.00
NECTARINES				
Shipped	1179	TON	65.00	76,635.00
Dried	190	TON	20.00	3,800.00
PEACHES (Free)				
Shipped	3254	TON	75.00	244,050.00
Dried	2675	TON	20.00	53,500.00
(Cling)				
Canned	628	TON	63.50	39,878.00
Shipped	268	TON	75.00	20,100.00
PEARS (Bartlett)				
Canned	6150	TON	75.00	461,250.00
Shipped	3902	TON	90.00	351,180.00
Dried	1414	TON	20.00	28,280.00
(B.Hardy)				
Canned	151	TON	65.00	9,815.00
Shipped	466	TON	90.00	41,850.00
(Comice)				
Shipped	40	TON	90.00	3,600.00
(Bosc )				
Shipped	30	TON	90.00	2,700.00
ALMONDS	1300	TON	700.00	910,000.00
WALNUTS	2807	TON	540.00	1,515,780.00
Blows & Culls	972	TON		235,120.00

COMMERCIAL VEGETABLE CROPS

<u>CROP</u>	<u>ACREAGE</u>	<u>YIELD</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL</u>
ASPARAGUS	7420					
Market			4,000	Ton	\$153.00	\$612,000.00
Canning			148,400	30# Crate	3.20	474,880.00
BROCCOLI	150	100	15,000	42# Crate	2.75	41,250.00
CABBAGE	100	8	800	Ton	30.00	24,000.00
CUCUMBER, Pickles	96	0.8	77	Ton	44.88	3,455.00
CARROTS						
Spring	50	200	10,000	6 doz.Ct.*	2.40	24,000.00
Fall	50	200	10,000	6 doz.Ct.	2.00	20,000.00
CAULIFLOWER						
Spring	50	250	12,500	37# Pony Crate	1.40	17,500.00
CELERY						
Fall	100	300	30,000	65# Half Ct.	3.00	90,000.00
GARLIC	340	50	17,000	Cwt.sack	16.00	272,000.00
HONEYDEWS	400	400	160,000	H.Dew Ct. 35#	1.85	296,000.00
LETTUCE						
Spring	50	100	5,000	Ct-5 doz.	2.50	12,500.00
Fall	50	150	7,500	Ct-5 doz.	2.50	18,750.00
ONIONS						
Late	100					
PEAS						
Spring	200	50	10,000	Bus-30#	2.10	21,000.00
Fall	150	100	15,000	Bus-30#	3.00	45,000.00
PEPPERS						
Bell	50	350	17,500	Bus-25#	1.75	30,625.00
POTATOES	450	200	90,000	CWT.	2.35	211,500.00
SPINACH						
Canning	4	3	12	Ton-2000#	25.00	300.00
STRAWBERRIES	5	1000	10,000	Quarts	.40	4,000.00
SUGAR BEETS	2274	14	31,836	Ton	9.60	305,625.60
U.S. Sugar Beet Payments						20,715.00
TOMATOES						
Canning	5324	4.4	23,550	Ton-2000#	25.07	590,480.00
Summer	50	200	10,000	Lug- 32#	2.00	20,000.00
Fall	1000	220	220,000	Lug- 32#	2.75	605,000.00

\* meaning crate

APIARY

REGISTERED COLONIES	1531
INSPECTED COLONIES	2307
INFECTED WITH AMERICAN FOULBROOD	37
INFECTED WITH EUROPEAN FOULBROOD	92
BURNED FOR AMERICAN FOULBROOD	37

EGG STANDARDIZATION

NUMBER OF INSPECTIONS MADE	126
TOTAL DOZEN EGGS INSPECTED	19,392
TOTAL DOZEN EGGS REJECTED	6,680
DOZENS REJECTED CONTAINING INEDIBLES (unfit)	1,083
DOZENS REJECTED AS TO QUALITY MISLABELING	5,597

FRUIT, NUT AND VEGETABLE STANDARDIZATION

TOTAL PACKAGES INSPECTED	626,699
TOTAL PACKAGES NOT UP TO STANDARD AND ORDERED DUMPED, OR REPACKED ON ACCOUNT OF DECAY, MOLD, OVERRIPE, NOT PROPERLY PACKED, ETC.	3,763

CROPS: POTATOES, CELERY, LETTUCE, PEARS,  
TOMATOES, MELONS, GRAPES, PEACHES, APRICOTS,  
CHERRIES, ASPARAGUS.

RODENT, PLAGUE AND PEST CONTROL

No. Lbs. THALLIUM OATS placed out	16,921
No. Lbs. THALLIUM BARLEY placed out	5,952
No. Lbs. STRYCHNINE BARLEY placed out	615
No. Gals. CARBON BISULPHIDE placed out	3,741 $\frac{1}{2}$
No. WASTE BALLS placed out	189,130
No. Ozs. LIQUID RED SQUILL placed out	90 $\frac{1}{2}$
No. Sks. BRAN used in earwig control	2
No. Lbs. FLUORIDE used in earwig control	25
No. Lbs. ZINC PHOSPHIDE baits- Rat control	219
No. Lbs. ZINC PHOSPHIDE RAT MASH used in rat control	20

WEED CONTROL

No. Gals. DIESEL OIL used in Artichoke Thistle control	10,750
No. Gals. DIESEL OIL used in Klamath Weed control	1,000
No. Gals. BORAX-LYE used in Klamath Weed control	1,400
No. Gals. OIL used in Puncture Vine control	3,185

NURSERY STOCK INSPECTION

No. of Fruit trees inspected	18,657
No. of Deciduous Nut trees inspected	5,040
No. of Citrus and Subtropical trees inspected	289
No. of Grape vines inspected	1,879
No. of Strawberry plants inspected	23,071
No. of Other berry plants inspected	5,795
No. of Vegetable plants inspected	13,016
No. of Ornamentals inspected	28,774
No. of Bedding plants inspected	114,807

No. of Trees REJECTED at Nursery, and from Shipments:

Nut trees-for Crown gall & Nematode	106
Misc. Fruit-for Crown gall	2,500

### SQUIRREL CONTROL

Almost twice as much carbon bisulphide was used in squirrel control as the year before, although there was not quite as much moisture in the ground. The results were good. Oats were obtained from Los Angeles at a higher cost than formerly, but the results obtained were exceedingly better than with the Thallium barley used the year before.

### RAT CONTROL

Red Squill powder was used in rat control along with Zinc Phosphide grain poison. The Red Squill liquid was practically all used by the armed forces. Results varied in proportion to the amount of garbage and trash left around the areas treated.

### SPRAYING TREES

The County Park at Pacheco was sprayed, along with the shade trees at the Hospital grounds.

Elm trees at Port Costa were also sprayed for Elm Leaf Beetle.

### SURVEY FOR NEW INSECT PESTS

Some three hundred insect traps were placed out in pear orchards in co-operation with the State Department of Agriculture and the U. S. Department of Agriculture, in order to ascertain if any Pear psylla had gained a foothold in the County. The survey showed negative results.

For several years this office has co-operated with the State Department of Agriculture in a survey to find Oriental Fruit Moth in the County, by means of placing out insect traps. So far the results have been negative.

### KLAMATH WEED CONTROL

The larger part of the area infested with this weed was disced and cross disced, using a Kilifer double disc loaded with over a thousand pounds of rock and drawn by a 75 Caterpillar tractor. The entire area was gone over with a spray rig and any weed that appeared green was sprayed with Diesel oil.

The Klamath weed sprayed with Borax and Lye was pretty well eradicated. The disced portions and portions sprayed with Diesel oil are under full control.

### ARTICHOKE THISTLE CONTROL

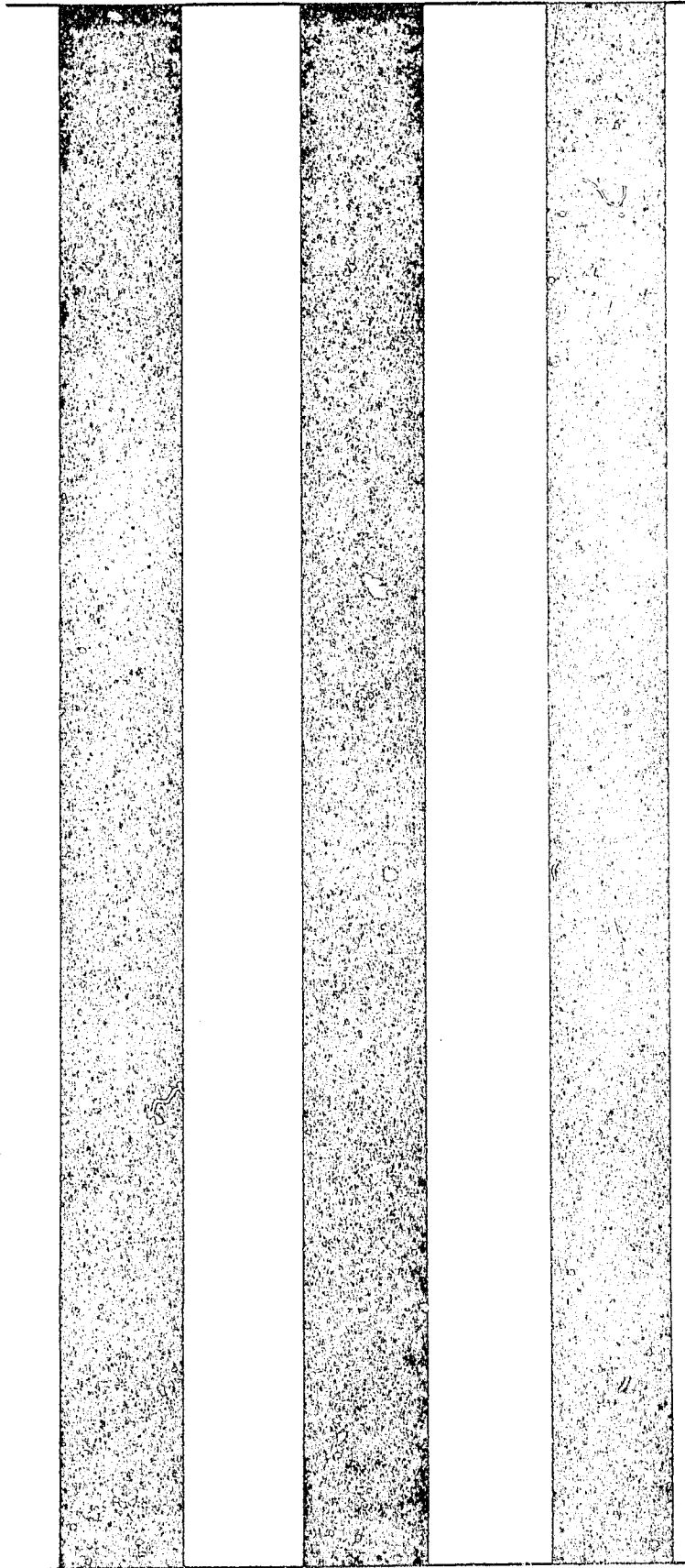
Approximately 10,750 gallons of Diesel oil was used in spraying areas infested with Artichoke Thistle.

Good results were obtained and a diminishing amount of the thistles was noted where ranches have been following up the spray program.

The scarcity of oil, containers, and help, are severe obstacles to overcome.

### PUNCTURE VINE CONTROL

Approximately 3,185 gallons of Diesel oil was used in spraying infestations of Puncture Vine. The oil is very much more satisfactory than a Borax and lye solution.



1945



*Handwritten notes or scribbles in the top left corner.*

UNIVERSITY MICROFILMS  
SERIALS ACQUISITION  
300 NORTH ZEEB RD  
ANN ARBOR MI 48106

MAY 21 1945

# AGRICULTURAL REPORT CONTRA COSTA COUNTY

## 1945

Honorable Board of Supervisors of Contra Costa County and  
A. A. Brock, Director, California State Department of  
Agriculture

Gentlemen:

The following crop report was prepared by my office  
in accordance with the provisions of Section 65.5 of the Agri-  
cultural Code of the State of California.

The report covers estimated acreage, production and  
value, of the agricultural products of Contra Costa County  
for the year of 1945.

As nearly as possible, the figures represent payments  
to growers, but do not include COST OF PRODUCTION.

Respectfully submitted,

V. G. Stevens  
Agricultural Commissioner

\*\*\*\*\*

The Agricultural Commissioner wishes to thank the following  
persons, Firms, Associations, and Departments, who so kindly  
co-operated in making this report possible:

United States Department of Agriculture-Agricultural Marketing  
Service and Bureau of Agricultural Economics  
California Department of Agriculture-Bureau of Agricultural  
Statistics and Division of Animal Industry  
Mr. K. B. Jones-California Packing Corporation  
Mr. George Dwelley-Farm Labor Office  
Mr. C. B. Weeks-Fruit Grower  
Mr. W. G. Norris-H. P. Garin Company  
Mr. Frank Rose-Rosenberg Bros. and Company  
Mr. J. E. Digardi-Contra Costa County Dry Wine Grapes Growers  
Protective Association  
Mr. Joseph Lawrence-Stock Buyer and Rancher  
Contra Costa County Agricultural Conservation Association  
Contra Costa County Walnut Growers Association

ANIMAL PRODUCTION

Horses and Mules	3,200
Milk Cows and Heifers, all ages	11,500
Beef Cattle, all ages	16,500
Hogs	5,500
Sheep and Lambs	30,000

\*\*\*\*\*

Sheep and Lambs				
Sold	15,000	@	\$ 10.00 ea.	\$150,000.00
Wool	140,000 Lbs.	@	.44 Lb.	61,600.00
Hogs				
Shipped and Slaughtered	3,500	@	35.00 ea.	122,500.00
Steers				
Shipped and Slaughtered	4,702	@	110.00 ea.	517,220.00
Veal, Cows & Stags	5,451			429,350.00
Beef Payments				14,387.40
Lamb Payments				124.79
Dairy Products				
Butter Fat	55,830 Lbs.	@	.53 Lb.	39,589.00
Whole Milk	179,678 cwt.	@	3.50	628,873.00
Dairy Feed Payments				110,173.36
Chickens				
Live Poultry	138,000 Lbs.	@	.31 Lb.	42,780.00
Eggs	89,920 Doz.	@	.41 doz	36,867.00
Squabs-Rabbits-Ducks and Geese				25,000.00
Turkeys	28,000 Lbs.	@	.45 Lb.	12,600.00
Hatcheries				15,500.00
<u>Miscellaneous</u>				
Honey	70,000 Lbs.	@	.12 Lb.	8,400.00
Nursery Stock				113,000.00
Cut Flowers-grown trees				

FRUIT, NUT AND VINE ACREAGE FOR 1945

	<u>BEARING</u>	<u>NON BEARING</u>
ALMONDS	5736	1589
APPLES	113	0
APRICOTS	3602	575
CHERRIES	119	84
FIGS ( KADOTA )	74	0
NECTARINES	245	21
OLIVES	28	0
PEACHES ( Cling )	95	6
( Free )	1049	15
PRUNES	873	0
PEARS	2773	21
WALNUTS	10682	289
WINE GRAPES	5422	38

<u>CROP</u>	<u>ACRES</u>	<u>PROD.</u>	<u>TOTAL</u>	<u>UNIT</u>	<u>PER UNIT</u>	<u>TOTAL</u>
ALFALFA						
Hay	4,000	4	16,000	TON	\$22.00	\$352,000.00
Seed	550	300	165,000	LBS.	.36	59,400.00
BARLEY						
Grain	19,500	17	331,500	CWT.	2.30	762,450.00
Hay	2,000	1 $\frac{1}{2}$	3,000	TON	19.00	57,000.00
BEANS						
Dried	500	12	6,000	CWT.	8.00	48,000.00
CORN						
Field	2,000	1 $\frac{3}{4}$	2,500	TON	50.00	125,000.00
Sweet	500	50	25,000	CRATE	2.25	56,250.00
FLAX	0					
GRAIN						
Sorghums	1,000	4/5	800	TON	48.00	38,400.00
OATS						
Grain	3,000	1 $\frac{1}{2}$	1,500	TON	50.00	75,000.00
Hay	1,000	1 $\frac{1}{2}$	1,500	TON	19.00	28,500.00
SUGAR BEETS						
	1,065.8	14	27,510	TON	10.40	286,104.00
SUNFLOWER						
SEED	1,800	800	14,400	CWT.	7.16	103,404.00
VOLUNTEER						
HAY	20,000	1 $\frac{1}{2}$	25,000	TON	18.00	450,000.00
VETCH SEED	500					40,000.00
WHEAT						
Grain	7,000	1 $\frac{1}{2}$	3,500	TON	52.00	182,000.00
Hay	1,000	1 $\frac{1}{2}$	1,250	TON	19.00	23,750.00
SUGAR BEET Payments under A.A.A Program						25,202.81

COMMERCIAL VEGETABLE CROPS

<u>CROP</u>	<u>ACREAGE</u>	<u>YIELD</u>	<u>PROD.</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL</u>
ASPARAGUS	6,830					
Canned			9,000	TON	168.00	\$1,512,000.00
Fresh			126,000	CT.*	3.00	378,000.00
BROCCOLI	150	120	18,000	CT.-42#	3.50	63,000.00
CABBAGE	50	8.0	400	TON	40.00	16,000.00
CARROTS						
Spring	150	300	45,000	CT.-6 doz.	.83	37,350.00
Fall	50	200	10,000	CT.-6 doz.	.80	8,000.00
CAULIFLOWER				Pony		
Spring	50	250	12,500	CT.-37#	1.50	18,750.00
CELERY						
Fall	150	300	45,000	½CT.-65#	2.90	130,500.00
CUCUMBERS for						
Pickles	88	7.5	658	TON	40.68	26,767.00
GARLIC	230	70	16,100	CWT.sack	16.00	257,600.00
HONEYDEWS	500	452	226,000	H. Dew CT. 35#	1.60	361,600.00
LETTUCE						
Spring	50	100	5,000	CT.-5 doz.	2.00	10,000.00
Fall	50	100	5,000	CT.-5 doz.	2.00	10,000.00
ONIONS, Late	100	425	42,500	SACKS	2.12	90,100.00
PEAS						
Manufacture	150	0.4	62	TON	74.00	4,588.00
Spring	300	80	24,000	BUSHEL-30#	2.00	48,000.00
Fall	100	150	15,000	BUSHEL-30#	2.00	30,000.00
PEPPERS, Bell	50	300	15,000	BUSHEL-25#	1.50	22,500.00
STRAWBERRIES	5	100	500	CT.	3.00	1,500.00
TOMATOES						
Summer	50	250	12,500	LUG-32#	1.50	18,750.00
Fall	800	250	200,000	LUG-32#	2.75	550,000.00
Canning	3,780	4	15,120	TON	25.00	378,000.00

\* crate

<u>CROP</u>	<u>PRODUCTION</u>	<u>UNIT</u>	<u>UNIT VALUE</u>	<u>TOTAL VALUE</u>
APRICOTS				
Canned	2470	TON	\$120.00	\$ 296,400.00
Shipped	7286	TON	149.60	1,089,885.60
Frozen	3870	TON	100.00	387,000.00
Dried	70	TON	640.00	44,800.00
CHERRIES				
Barrelled (R.A.)	27	TON	260.00	7,020.00
Fresh and Shipped	400	TON	380.00	152,000.00
FIGS	390	TON	250.00	97,500.00
GRAPES				
Shipped	6000	TON	85.00	510,000.00
Winery	4700	TON	70.00	329,000.00
NECTARINES				
Shipped & Local	1078	TON	70.00	75,460.00
Frozen	380	TON	70.00	26,600.00
Dried	162	TON	50.00	8,100.00
PEACHES				
Canned-Cling	629	TON	63.50	39,941.50
Shipped-Cling	145	TON	100.00	14,500.00
Shipped-Free	2649	TON	150.00	397,350.00
Frozen -Free	225	TON	55.00	72,375.00
Dried - Free	3456	TON	55.00	190,080.00
PEARS				
Canned-Bartlett	5182	TON	73.00	378,286.00
Shipped "	6470	TON	73.00	472,310.00
Baby Food	500	TON	73.00	36,500.00
Dried "	1312	TON	20.00	26,240.00
Canned Hardy	372	TON	73.00	27,156.00
Shipped Hardy	1552	TON	73.00	113,396.00
PRUNES				
Dried	1366	TON	195.00	266,370.00
ALMONDS	3251	TON	760.00	2,470,760.00
WALNUTS	4900	TON	530.50	2,599,450.00
Blows and Culls				146,300.00

### KLAMATH WEED CONTROL

The area infested with Klamath Weed was disced and cross disced. All areas that were not disced, due to deep gullies or boulders, were sprayed with a solution of borax and caustic soda. Just before the rainy season started the area was treated with five tons of dry borax. Each individual plant showing was treated with from one to two handfuls of borax per plant. Several inspections later in the season showed very fine results. The same procedure will be used the following year.

### ARTICHOKE THISTLE AND PUNCTURE VINE CONTROL

Diesel oil and stove oil were used in the control of these weeds.

The ranches that have been co-operating in the past have a diminishing amount of the weed.

Dry borax has been tried out with varying success. The earlier the applications in the Spring, the better the results. The best results appeared to be on young plants.

The possibilities of borax are greater on steep hill sides and in canyons where it is hard to get with a spray rig, but accessible on horse back with a bag of borax.

All infestations of puncture vine found on road sides were treated with Diesel oil.



### SQUIRREL CONTROL

The regular procedure was followed up on rodent control.

Carbon bisulphide and Thallium Sulphate being used as before with very good results.

Prices of material used increased, especially on rolled oat groats.

The outlook is for higher prices to follow on both grain and ingredients.

### RAT CONTROL

Red Squill powder was used in rat control along with Zinc Phosphide grain poison. Red Squill liquid was practically all used by the armed forces.

Results varied in proportion to the amount of garbage and trash left around the area treated.

### SPRAYING TREES

The County Park at Pacheco was sprayed, also the shade trees around the County Hospital grounds.