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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

Fresno County

1958-1962

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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<u>LIVESTOCK</u>	<u>NO. BREEDING STOCK</u>	<u>PRODUCTION</u>	<u>F. O. B. VALUE</u>
Beef cattle & calves	124,000	63,466,500 lbs.	\$ 13,962,630.00
Milk cows & two year old heifers	43,420	23,139,600 lbs.	4,627,920.00
Butter fat & milk		347,360,000 lbs.	15,040,688.00
Hogs	17,300	18,360,000 lbs.	4,222,800.00
Sheep & lambs	165,240	16,500,000 lbs.	3,400,000.00
Wool	165,240	1,486,160 lbs.	549,879.00
Rabbits	4,104	297,984 lbs.	88,537.00
			\$ 41,892,454.00
<u>POULTRY</u>			
Hens (stew)		4,420,480 lbs.	\$ 707,278.00
Meat birds (fryers)		11,106,240 lbs.	2,221,248.00
Eggs (consumers sold for food)	1,105,120	20,260,533 dozen	7,901,607.00
Hatchery		387,467 dozen	348,720.00
Baby chicks	6,826,385		1,092,221.00
Turkeys		30,105,440 lbs.	6,924,251.00
Turkey hatch eggs		263,642 dozen	790,926.00
Poults	3,259,982		1,955,989.00
Goose eggs hatch		75,000 eggs	18,750.00
Goslings & geese	44,620		66,930.00
			\$ 22,027,920.00



FRANK BENNER, HERDSMAN FOR
FSC, WITH A RAMBOULLET EWE

FSC PHOTO

NURSERY STOCK

<u>CROP</u>	<u>PRODUCTION</u>	<u>F. O. B. VALUE</u>
Grape Rootings	1,867,500 Vines	\$ 112,050.00
Trees		
Deciduous fruit & nut (Yearlings)	11,550 Trees	6,352.00
Deciduous fruit & nut (June buds)	3,000 Trees	900.00
Fig trees (balled)	1,100 Trees	1,100.00
Citrus trees	77,000 Trees	192,500.00
Deciduous shade trees	200 Trees	350.00
Bedding plants, vegetables, etc.		
Pansies (field grown)	3,900 Flats	6,240.00
Vegetable plants (hothouse)	18,000 Flats	28,800.00
Vegetable plants (hotbed, peppers and tomatoes)	1,200,000 Plants	6,000.00
Yam plants	24,000,000 Plants	120,000.00
Ornamentals and Cut Flowers		
Tree Roses	7,000 Bushes	10,500.00
Gladiolus bulbs	1,000 Dozen	500.00
Gladiolus (cut flowers)	1,500 Dozen	1,500.00
Pelargoniums	5,000 Plants	3,000.00
Ornamental Shrubs & Vines	100,000 Plants	25,000.00
Ornamentals (Conifers)	10,000 Plants	2,500.00
		<hr/>
		\$ 517,292.00

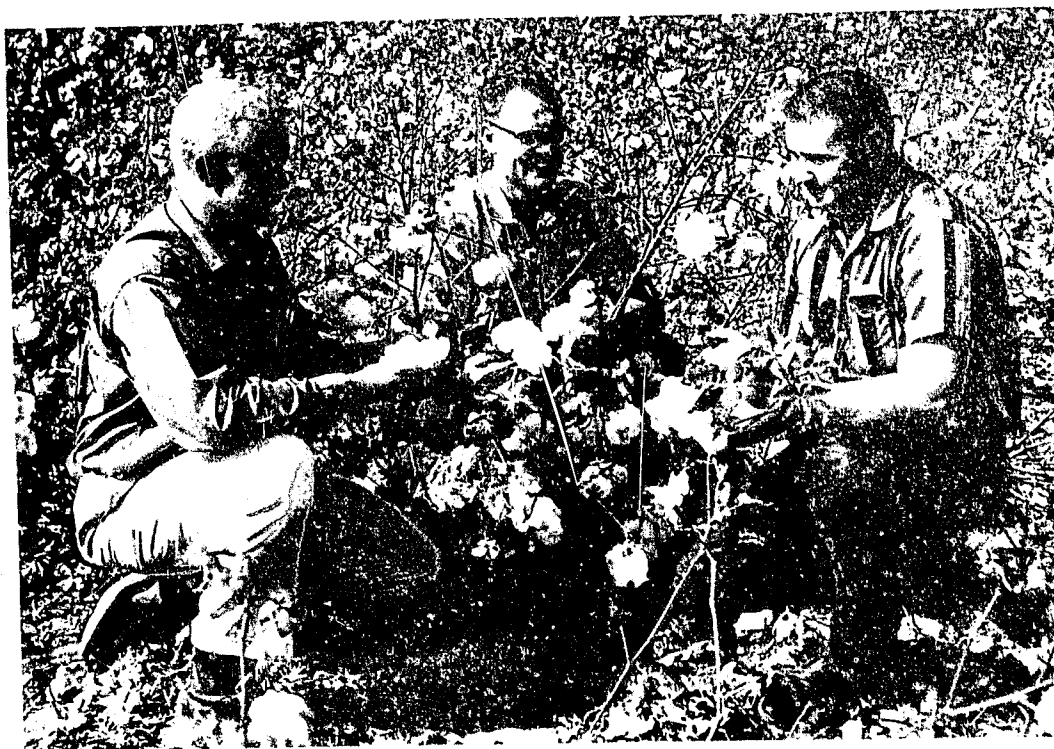


HARVESTING CAULIFLOWER

FRESNO AES PHOTO

RECAPITULATION

	123,953,220.00
Trees and Vines- - - - -	\$ 1,239,532.00
Truck Crops- - - - -	18,383,551.00
Field Crops- - - - -	150,485,321.00
Certified Seed-- - - -	11,468,460.00
Common Seed- - - - -	676,243.00
Vegetable Seed - - - - -	531,357.00
Nursery Stock - - - - -	517,293.00
Apiary- - - - -	1,062,125.00
Livestock and Poultry- - - - -	63,920,374.00
TOTAL 1958 FRESNO COUNTY AGRICULTURAL VALUE REPORT	\$370,997,944.00



BILL CARTER, MR. VAN ELSWYK AND MAYNARD SOMMER
EXAMINING COTTON AT AN FSC STUDENT PLOT


FSC PHOTO

The cutback in cotton acreage in 1955, 1956, 1957 and 1958 caused a diversion to other crops and many of the new crops cost more to raise than cotton and perhaps were not as remunerative, yet they brought in as much or more income to Fresno County.

Our records show:

1943-	- - - - -	-\$127,719,086.00
1944-	- - - - -	-\$144,932,101.00
1945-	- - - - -	-\$142,455,593.00
1946-	- - - - -	-\$188,519,304.00
1947-	- - - - -	-\$165,446,034.00
1948-	- - - - -	-\$209,911,487.00
1949-	- - - - -	-\$223,733,963.00
1950-	- - - - -	-\$285,169,167.00
1951-	- - - - -	-\$325,579,150.00
1952-	- - - - -	-\$349,903,721.00
1953-	- - - - -	-\$313,521,898.00
1954-	- - - - -	-\$317,683,314.00
1955-	- - - - -	-\$325,844,210.00
1956-	- - - - -	\$330,906,961.00
1957-	- - - - -	-\$359,469,754.00
1958-	- - - - -	-\$370,997,944.00

Respectfully submitted,


 JOHN WARDLE DIXON
 Agricultural Commissioner

LUMBER

SUMMARY OF TIMBER CUT IN FRESNO COUNTY

	Acres		
Forest Service Land	2,601	31,410,000	Board Measure
Private Lands	<u>1,375</u>	<u>19,699,000</u>	Board Measure
total	3,976	51,109,000	Board Measure

F O B MILL VALUE. \$4,280,017.00

<u>Species</u>	<u>Percent of Total</u>
Ponderosa Pine	23%
Sugar Pine	8%
White and Red Fir	63%
Incense Cedar	1%
Lodge Pole Pine	5%



Photo by U.S. Forest Service



Fresno County still riding
High, Wide and Handsome

KFRE Photo of the Clovis Rodeo

Three vertical black bars of equal width and height, positioned side-by-side. They are solid black with some visible grain or noise.

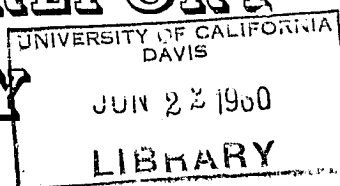
1959

1959



AGRICULTURAL CROP REPORT

FRESNO COUNTY



FRESNO COUNTY DEPARTMENT OF AGRICULTURE
FRESNO, CALIFORNIA

John Wardle Dixon
Agricultural Commissioner

ANNUAL REPORT
For the Year
Ending December 31, 1959

BOARD OF SUPERVISORS

Norman S. Foley, Dist. 2, Chairman

George Malm,	District 1	Henry Andreas,	District 5
Sloan McCormick,	District 3	Floyd Olsen,	District 4

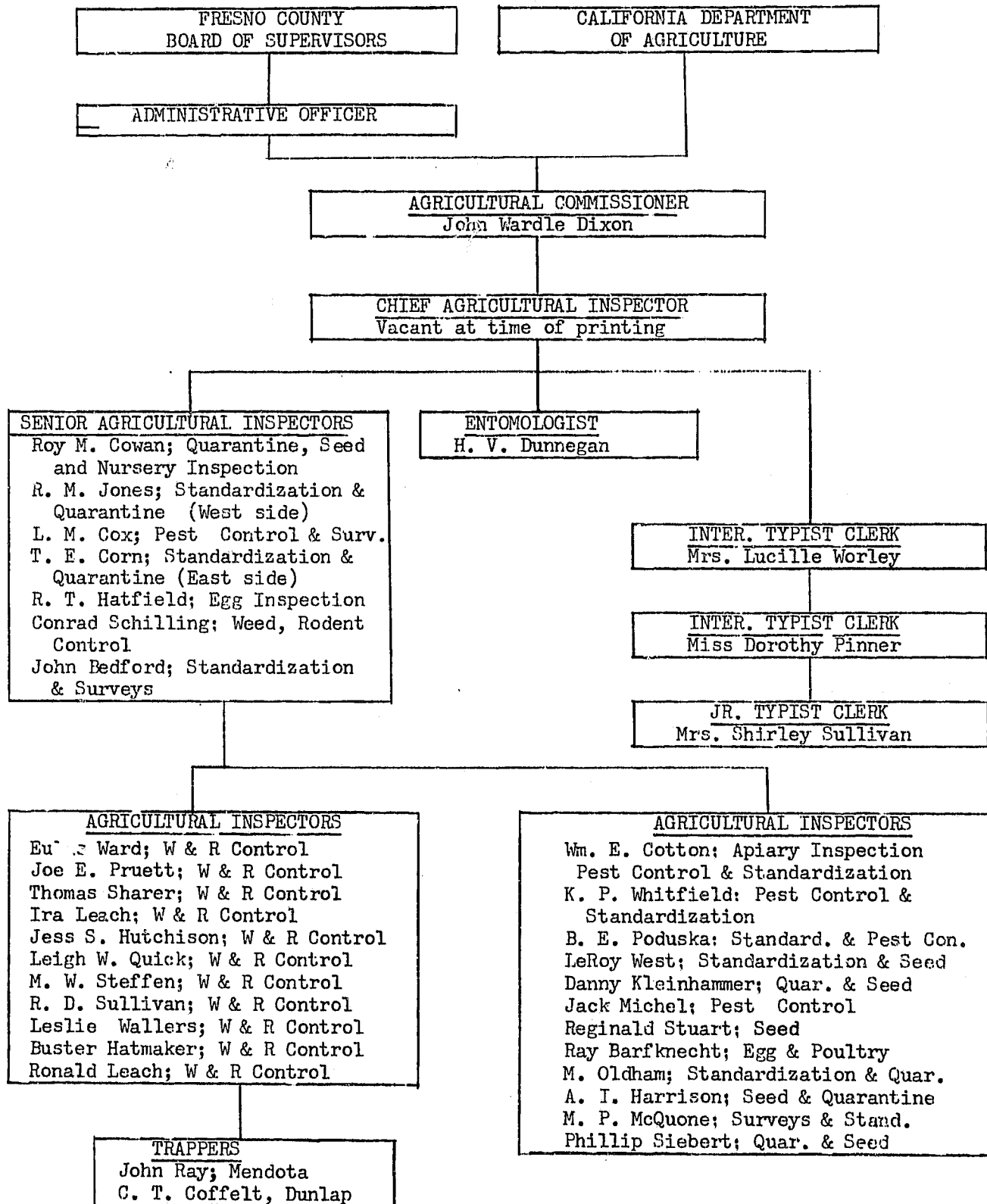
DIRECTOR OF AGRICULTURE

Wm. E. Warne

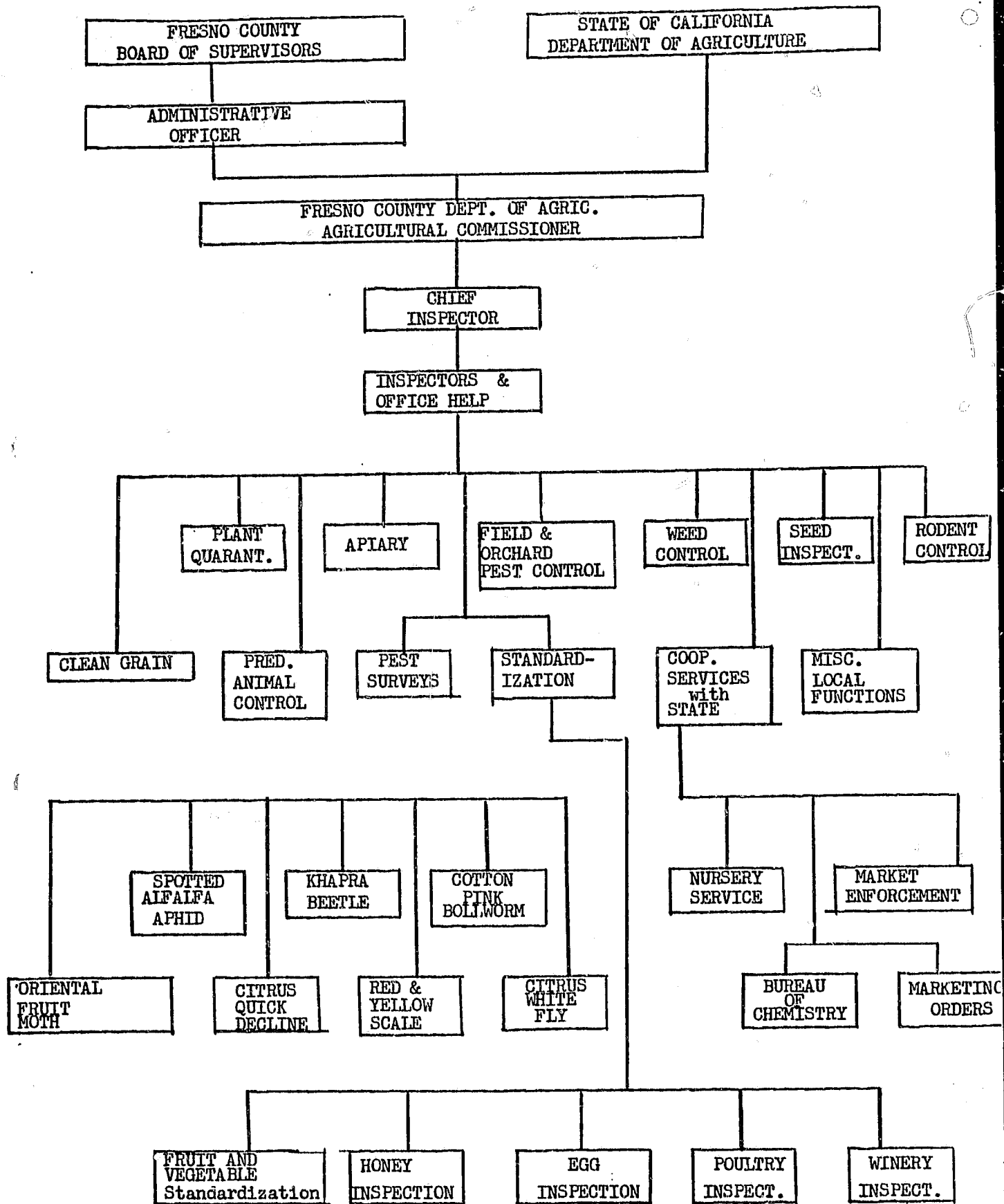
Compilation of this report by John W. Dixon
and Staff

Cover Photograph by Dr. Robert M. Warner, California Fig Institute
Other Photographs by John A. Bedford, Sr. Agricultural Inspector

FRESNO COUNTY DEPARTMENT OF AGRICULTURE
OFFICE OF THE AGRICULTURAL COMMISSIONER



PLUS SEASONAL EMPLOYEES



IN ACCORDANCE WITH CHAPTER 2, ARTICLE 1, OF THE
AGRICULTURAL CODE OF THE STATE OF CALIFORNIA

Article 1 - COUNTY AGRICULTURAL COMMISSIONER

Section 50 - COUNTY DEPARTMENT OF AGRICULTURE - There shall be the office of County Agricultural Commissioner in each county. Such Commissioner shall be in charge of the County Department of Agriculture.

Section 65 - RECORDS - The Commissioner shall keep a record of his official acts and make an annual report to the Director of Agriculture on the condition of the agricultural interests in his county as to what is being done to eradicate or to control or to destroy pests and also as to quarantine against pests, and shall furnish from time to time to the Director such information as he may require.

Section 65 - REPORT - The Commissioner shall also make a monthly report to the Board of Supervisors if and when so required by said Board.

Section 65.5 - STATISTICS - The Commissioner shall compile reports of the condition, acreage, production and value of the agricultural products in his county. The Commissioner may publish such reports and shall transmit a copy thereof to the Director.



Harvesting
peaches

Director of Agriculture,
State Department of Agriculture,

Honorable Board of Supervisors,
County of Fresno,

Gentlemen:

Fresno County has again in 1959 demonstrated that it is the leading county in Agriculture in the United States. Again we have harvested good crops, and the prices have been good.

Agriculture has in 1959 produced crops which have in value exceeded \$390,211,118.00. The farmer has not received all this remuneration for himself, and labor has been paid, banks have felt the effects of this money coming in. Merchants have taken their percent, but the gross total coming into Fresno from the crops which have been raised, has exceeded one million dollars of new outside money on the average of every day of the year.

Agriculture in Fresno is big business. The very foundation of our economy. It is a business that is not cycloidal but remains fairly constant in value year after year.

In our first 100 years of growth we grew from a few gardens at Fort Millerton to the greatest of agricultural counties. We have a good start on the second hundred years and the growth is increasing every year.

Our Department has grown with the County, 1959 has been busy. This report is to tell you something of the work of the Fresno County Department of Agriculture, its' past in helping with Fresno's development and the production figures of the County in 1959.



Test plot for the control of
Russian Knapweed

PREDATORY ANIMAL CONTROL. During the past year there were 318 calls for assistance in predatory animal control in the county. With the regular trap lines and the calls, a total of 929 animals were taken.

The most serious damage was again by coyotes, bobcats and stray dogs to sheep, cattle and turkeys.

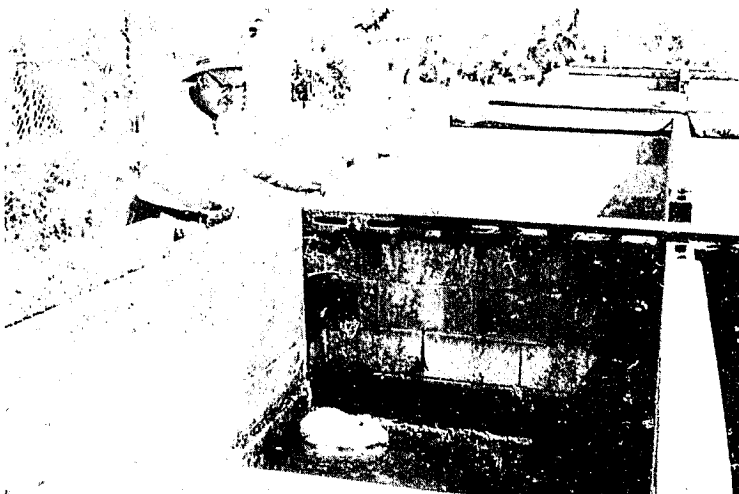
Listed is a breakdown of the numerous calls for assistance and the number of predators taken before the damage stopped.

	Calls	Predators Taken
Cattle	90	323
Sheep	94	279
Turkeys	23	161
Chickens	68	90
Geese	20	24
Goats	8	10
Orchards	2	5
Alfalfa	5	25
	<u>318</u>	<u>922</u>

The total of 922 predators consisted of the following:

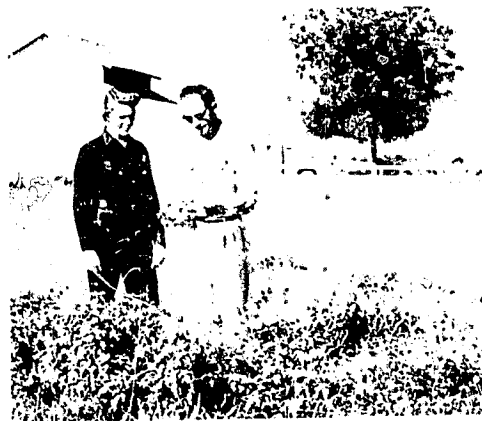
Coyotes	235	Fox	110
Bobcats	106	Raccoons	71
Dogs (wild)	94	Opossums	36
Skunks	101	Weasels	9
House cats (wild)	48	Badger dens	24
Badgers	93	Skunk dens	2

A total of 2,807 traps were set during the year. There was a poison bait program in effect. Of the 24 bait stations in use, 585 baits were taken by coyotes and bobcats.



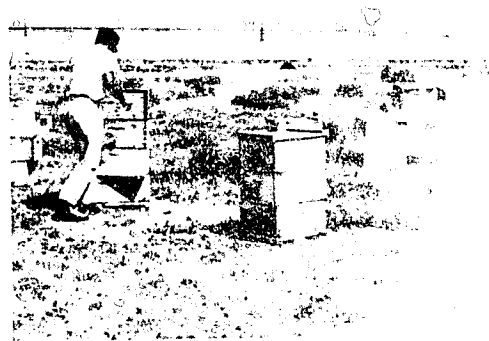
Sr. Inspector
Roy Cowan inspecting
Nutria pens

RODENT CONTROL. Ground squirrel control in Fresno County is under the direction of Sr. Inspector Conrad Schilling and is a necessary pest control function, established by law, for the purpose of preventing destruction of agricultural crops and protecting human health in the County. In 1959 ground squirrel control was done by block area covering a total of 263,657 acres on our east side of the county. This type of program was a great success with the ranches within the block area and a great deal of cooperation was received by this Department. Because of the extensive orchard plantings on our extreme west side valley area, we anticipate an increase in ground squirrel, meadow mice and rabbit activity. This will be kept under close observation. There were 2,040 properties treated for rats and mice, including all county and city dumps. In our ground squirrel program we used 4,372 $\frac{1}{2}$ pounds of strychnine baits, 545 pounds of Fumerin, 3 pounds of zinc, 13,936 $\frac{1}{2}$ pounds of "1080", 256 pounds of methyl bromide, 349 $\frac{1}{2}$ gallons of carbon bisulphide and 12,158 waste balls.



Inspector Sharer pointing our poisonous weeds in a horse pasture

BEE INSPECTION, under the direction of Inspector Wm. E. Cotton assisted by Phillip Siebert. The bees are far more important to the agriculture of Fresno County than the amount of revenue which they bring directly to the apiarist or that is paid in taxes to the county. If it were not for bees, our crops would go unpollinated, and therefore the crops could not set. Our seed industry is directly dependent on such pollenization. American foulbrood disease is the biggest problem that the apiarist has to face. Constant vigil must be maintained in order that this bee disease does not get out of control, for it would soon wipe out all the hives of bees in the County. In our inspection work, Mr. Cotton has endeavored to search out and check the apiaries which are brought into Fresno for alfalfa seed pollenation. The fact that the beemen are paid for this service at a specified price per hive caused many weak and diseased hives of bees to be offered for this service. Our work has stressed the inspection of these apiaries. We individually inspected in 1959, 4,625 hives of bees. Of these we found 233 hives to be diseased with American Foulbrood. These were destroyed by burning or were taken to a licensed wax salvage plant.



Inspector Kleinhammer inspecting an abandoned apiary

PLAGUE SUPPRESSION, is under the direction of Sr. Inspector Conrad Schilling. We made a survey during last year in the high Sierras, especially around the tourist camps looking for concentrations of squirrels. We sent in squirrels and vectors for identification to Sacramento. We must be very vigilant or else our tourist areas may become contaminated with some of the rodent carried diseases which are transferred to man. We have located a place in Mono Basin, where we with the Health Department make checks. The Health Department asks in 1960 and 1961 that a rodent reduction program be put into operation. Because of the rugged terrain, eradication is impossible. The infected rodents which are reduced in population are the California ground squirrel (*Citellus beecheyi*), Golden manted ground squirrel (*Callospermophilum chrysodeirus*) and common house mouse (*Musculus*) and rats (*Ratus*, sp.)



Inspector Poduska inspecting juice grapes

STATISTICS, Sr. Inspector John Bedford is in charge of this work, assisted by Inspector M. P. McQuone. Considerable time was spent during 1959 in bringing up to date the figures on the acreage of all the permanent plantings of trees and vines. This record shows the plantings of each individual farmer and the age of his plantings. McQuone made a complete survey of all the trees and vine planted areas looking for pullouts and new plantings. These figures are used by many farmers to determine the trends in planting the new varieties which are being planted and the old varieties which are being discarded for better kinds. The data from this survey is published in a separate bulletin.



Inspectors Kleinhammer and McQuone making tests on pomegranates

FRUIT AND VEGETABLE STANDARDIZATION. That California may sell its fruits in competition with those produced two thousand or more miles nearer the large centers of population, we have passed laws that compel standardized grading of all our fruits and vegetables. The work in Fresno County is headed by Senior Inspector Thomas E. Corn, assisted by Senior Inspector Ralph Jones and Inspectors Kenneth Whitfield and Bernard Poduska. During the year we inspected 24,680,495 containers plus 7,310 tons of bulk loads. Of this number 6,214 containers failed to meet the requirements of the law. 62 violation notices were issued to repack whole loads of lots. No record was made of the number of times packing was stopped and corrections made in packs, nor of the number of containers which were repacked by the owners on such occasions. The latter would run into large figures. We try to make corrections in this way when possible rather than use our police powers.



Sr. Inspector Corn making a sugar test on grapes

WINERY INSPECTION. All wine grapes sold on a sugar basis, must be tested by our Department. In 1959 we issued 27,800 certificates on 444,800 tons of grapes. This work is done under the direction of Senior Inspector Russell T. Hatfield.

EGG AND POULTRY INSPECTION, is under the direction of Senior Inspector Hatfield, assisted by Inspector Ray Barfknecht. During the last half of 1956, dressed poultry was added to our duties. We inspected in 1959 267 stores and dressed poultry handlers, there were 10,548 packages of poultry inspected, no violations were issued. During the year our inspectors examined 372,530 dozen eggs, writing rejections on 5,613 dozen. No record was made of eggs repacked under our direction. 94 violation notices were issued. Hatchery test eggs were our greatest problem.



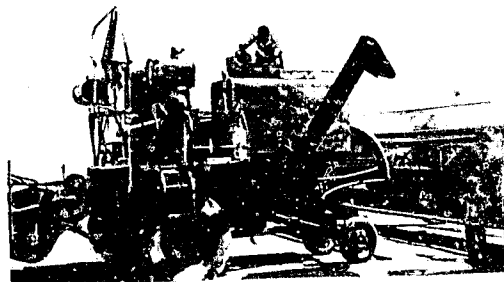
Flock of white turkeys

PLANT QUARANTINE AND NURSERY INSPECTION, is headed by Senior Inspector Roy M. Cowan, assisted by Entomologist H. V. Dunnegan. All plants used in Fresno County must by law be inspected for disease, insects or other pests, before it is delivered to the planter, whether they come in by mail, express or freight, and those infected or infested destroyed. During the season we looked individually at 8,491 shipments of trees, vines or other nursery stock that came into our county, and Mr. Dunnegan went through every nursery, plant by plant, at least twice during the season. 43 shipments of infested or infected nursery stock were destroyed, treated or sent out of the county. Under the clean grain program we found it advantageous to make field inspections for all farmers who tell us they wish to have field inspections. We can save more time in giving clean grain certificates than if we looked at each load, especially when these shipments are taken right from fields into bins. We now have 3 certified mills which are authorized to take in contaminated grain and where this infested grain can move directly to these mills. We demand a notification of when these loads arrive and how they are stored. These certified mills can and do process this grain so weed seeds can no longer be a hazard. This also helps greatly in our grain inspection. Clean grain certificates are given to loads going to other counties when grain meets the requirements and when application is made. We honor certificates from other counties in the State. There were 2,036 truck shipments and 982 rail shipments made under this program.



Entomologist Harry Dunnegan
holding a jumbo grape rooting

SEED INSPECTION, also under the direction of Senior Inspector Roy M. Cowan, assisted by Inspectors LeRoy West, Danny Kleinhammer, Ross Stuart, Jack Michel, A. I. Harrison and Phil Siebert. The seed industry is growing rapidly in Fresno, especially the certified seed is worthy of special notice. It has grown from nothing in twelve years to a crop bringing \$11,836,446 into our County in 1959. Our part of the program is to see that the seed is harvested from clean fields; that the harvesters are cleaned when they go from one field to another, thereby avoiding mixing varieties; supervising the cleaning of the mills after each variety is cleaned and that the seed does not lose its identity from the field to the sealed, tagged sack. All the expense for the work of this seed program is reimbursed to the county by the California Seed Improvement Program. Aside from this certified seed inspection, the growing grain fields are patrolled during the growing season and where primary noxious weeds are found growing, the grower is compelled to clean the grain or his grain is quarantined on his place.



Inspector Stuart
inspecting a seed harvester

PEST CONTROL AND SURVEYS, this division is under the direction of Senior Inspector John A. Bedford, it has been busy all season. Fresno County is we believe free from Khapra Beetle, but every year we look again to see that nothing has been missed. We made a very thorough inspection for Pink Bollworm and cotton diseases using inspection of bolls from every square mile, samples of gin trash at gins and using light traps. We have also made inspection for Angular Leaf Spot of cotton. Our surveys for Red and Yellow Scale continued, we now have the two Red and Yellow Scale Districts, which eradicates the pests but it is still our responsibility to watch and see there is no spread. We have made a complete survey for Quick Decline, finding none in established trees. We do find Meyer lemon trees which it is illegal to have growing in the Eastern part of Fresno County. We have a detection survey looking for new nematodes. We will continue looking for Japanese Beetle, Imported Fire Ant, and Mexican Oriental Fruit Fly. There is a survey being made each year for Peach Mosiac, Yellow Bud Mosiac, and virus diseases of plums and other stone fruits. Spotted alfalfa aphid has not bothered us as much this last year, although spray materials are being applied for it's control. These surveys are headed by the State Department of Agriculture, they and sometimes the Federal Department of Agriculture bearing part of the cost. We share our part in these surveys and really head these programs.



A type "A" pest, (*Prostephanus truncatus*) found in a mask from Mexico

Chemicals used to combat agricultural pests in Fresno County during 1959 by pest control operators or farmers themselves, were the following dust or sprays. Senior Inspector L. M. Cox was in charge of issuing permits to apply hazardous insecticides.

83,876,803	pounds containing chlorinated hydrocarbons
8,941,259	pounds containing phosphates
8,774,679	pounds containing other miticides
73,259,505	pounds containing sulphur
2,743,863	gallons containing copper
630,711	gallons containing lead
1,482,810	gallons containing defoliant
41,324	pounds containing nematocides
2,607,232	pounds of granular weed killers
27,823,378	gallons of oil and other weed killers
522,640	gallons of 2,4-D and other translocating materials

WEED ERADICATION, is under the direct supervision of Senior Inspector Conrad Schilling. Our work has been an endeavor to attack the smaller, newer infestations of weeds before they become large, rather than working on the larger ones. Under our county assistance plan we have treated with good results

81.75	acres of Russian Knapweed
3.68	acres of White Horsenettle
278.83	acres of Morning Glory
4,897	miles of intersections and bridges
408	miles of county roadsides treated for Russian Knapweed
143	miles of county roadsides treated for White Horsenettle
35	miles of county roadsides treated for Hoary Cress
2,946.30	miles of county roadsides treated for Morning Glory
54	miles of state highways treated for Russian Knapweed
61	miles of state highways treated for Morning Glory
161	miles of state highways treated for Yellow Star Thistle

The county furnishes one-half the cost of material and the cost of application up to two acres. But from two to ten acres, the county only furnished the cost of applying. The following materials were used.

3,800	pounds of Sodium Chlorate
3,084	gallons of Benzoic acid
1,159.75	pounds of Amitrol
2,452	pounds of Telvar
63	pounds of Delapon
5,381	gallons of weed oil
1,255	gallons of Carbon Bisulphide
21,852	pounds of Ureabor
940.50	pounds of Simazin
3,800	pounds of Chlorea granular
43,468	pounds of Chlorea powder
17	Quarts of X-77
6	pounds of X-77
15.75	gallons of sodium arsenite
2,065	pounds of Benzabor
10.33	gallons of 2,4-D



Inspector Quick discussing
a rodent problem with a
farmer

The figures given in the statistical part of this report, which follows, have been gathered from sources which we believe to be the best obtainable. Also we believe them to be as accurate as such figures can be reasonably expected. In every case, we have gone to more than one source, often to from five to six sources, before we determined on a statement. The sources for each statement have been recorded and are on file.

There are three ways of gathering crop reporting data:

1. To ask each and every person how much they produced of every commodity. This is the way the Federal census is taken. Too often these figures are given distorted for fear that the data given will be reflected in the income tax or County tax. Often the grower only has a vague memory of what he produced months before.
2. Another way to get a crop report is to take the known acreage of each commodity, then to multiply these figures by a determined percent of crop, which has been thought to represent the condition of the crop for that year. This is obtained by drawing a card from the file every so often from the list of growers and asking them for their estimates. Its weakness is in the fact that the condition of the crop which is used, if it be off a small part of one percent, will make a large difference in the report results.
3. The third, and the one which we believe to be the most accurate way of obtaining a crop report, is to go to every packing house, every processing company, every cotton gin and every dealer and obtain their figures of the amount which they marketed. We check this against our inspection records. These figures as to production are then multiplied by the amount which the commodity brought to the farmer at the car door, here in Fresno.

Fresno has grown during the years gone by. Each year sees more and more land come under cultivation. Most of this new land has been growth on our "west side". With this growth has come increased revenue to Fresno County.

To the many friends who helped us with this report, we wish to express our thanks.

1959 ANNUAL CROP REPORT FOR
FRESNO COUNTY CROP ACREAGE - PRODUCTION AND VALUE
Compiled by
THE AGRICULTURAL COMMISSIONERS STAFF

CROP	ACREAGE		PRODUCTION	F. O. B. VALUE
	Bearing	Non Bearing		
Almonds	1,699	1,066	1,529 Tons	642,222.00
Apples	151	11	875 Tons	43,775.00
Apricots	464	172		
Canned			500 Tons	27,500.00
Frozen			200 Tons	11,000.00
Dried			1,200 Tons	73,200.00
Fresh			632 Tons	72,048.00
Avocados	2	3	.8 Tons	132.00
Bushberries	415		2,283 Tons	627,825.00
Cherries	7	1	9.1 Tons	4,131.00
Figs	13,703	104		
Dry packed figs			3,605 Tons	1,442,000.00
Dry paste figs			6,695 Tons	2,008,500.00
Canned			1,282 Tons	144,866.00
Fresh			17,065 Flats	27,815.00
Grapes				
Raisin	125,104	11,055		
Dried			163,159 Tons	42,258,181.00
Crushed			276,480 Tons	13,630,464.00
Fresh			7,839,866 Boxes	20,305,253.00
Canned - frozen			23,519 Tons	1,373,509.00
Table	13,072	610		
Fresh in State			420,866 Boxes	1,090,043.00
Fresh out of State			2,305,867 Boxes	5,972,195.00
Crushed			50,327 Tons	1,862,099.00
Wine	8,749	625		
Fresh			7,449 Tons	744,900.00
Crush			49,148 Tons	2,359,104.00
Grapefruit	18	10	8,748 Boxes	15,221.00
Lemons	135	43	60,750 Cartons	108,743.00
By products			49,639 Cartons	49,639.00
Limes	3		700 Boxes	1,820.00
Nectarines	4,312	1,108		
Processed			712 Tons	41,580.00
In State shipments			613,027 Boxes	1,839,081.00
Out of State shipments			1,593,112 Boxes	4,779,336.00
Olives	1,112	.57		
Fresh			2,080 Tons	517,920.00
Crushed			700 Tons	35,000.00
Oranges				
Navel	3,411	1,203	1,848,762 Cartons	4,492,491.00
By products			250 Tons	9,375.00
Valencia	729	156	377,622 Cartons	868,530.00
By products			48 Tons	2,976.00

CROP	ACREAGE		PRODUCTION	F. O. B. VALUE
	Bearing	Non Bearing		
Peaches				
Canned	1,100	733	11,650 Tons	\$ 686,185.00
Fresh			25,082 Boxes	28,844.00
Peaches - freestone and semi free	12,042	1,834		
Dried			16,570 Tons	1,019,055.00
Frozen			7,663 Tons	397,710.00
Canned			39,353 Tons	1,719,726.00
Out of State			1,530,870 Boxes	3,061,740.00
In State			1,765,043 Boxes	3,530,086.00
Pears	17	2	153 Tons	9,562.00
Plums	5,324	1,116		
Canned			647 Tons	28,468.00
Frozen			958 Tons	42,152.00
Fresh out of State			1,891,120 Boxes	6,429,808.00
Fresh in State			459,920 Boxes	1,563,728.00
Pecans	48	5	17.28 Tons	8,640.00
Persimmons	46	15	12,236 Flat	27,531.00
Pistacchio Nuts	5	2	1,250 Lbs.	255.00
Pomegranates	149	30	17,880 Flats	40,230.00
Prunes	107	11	181 Tons	64,255.00
Strawberries	255			
Fresh			131,217 Crates	329,293.00
Frozen			531 Tons	146,025.00
Walnuts	2,057	807	946 Tons	448,404.00
				\$ 127,063,560.00



Some of Fresno County's produce on the market

TRUCK CROPS

<u>CROP</u>	<u>ACRES</u>	<u>PRODUCTION</u>	<u>F. O. B. VALUE</u>
Beans			
Snap	150	19,500 cwt.	\$ 202,800.00
Fava	35	3,325 cwt.	26,600.00
Broccoli	57	4,275 cwt.	31,592.00
Cabbage	112	28,560 cwt.	71,400.00
Carrots	47	13,160 cwt.	57,378.00
Cauliflower	395	50,150 cwt.	147,441.00
Celery	1 $\frac{1}{2}$	773 cwt.	2,126.00
Chinese vegetables	120	60,000 cwt.	120,000.00
Sweet corn	400	31,200 cwt.	146,016.00
Cucumbers	121	27,225 cwt.	138,847.00
Eggplant	30	5,670 cwt.	32,036.00
Garlic	1	85 cwt.	804.00
Lettuce	155	23,250 cwt.	55,800.00
Melons			
Cantaloupes	20,415	3,307,230 crates	12,402,113.00
Honeydews	60	9,000 crates	53,550.00
Persians	40	4,400 cwt.	23,760.00
Cranshaw	70	8,750 cwt.	49,875.00
Watermelons	1,450	24,650 tons	1,405,050.00
Onions			
Dry	329	131,600 cwt.	329,000.00
Green	275	1,375,000 dozen	577,500.00
Peas	45	1,170 cwt.	10,775.00
Peppers			
Bell	156	20,280 cwt.	225,919.00
Chili	75	99.7 tons	46,859.00
Potatoes	2,844	711,000 cwt.	1,862,820.00
Radishes	125	625,000 doz.	281,250.00
Romain	113	53,110 60 lb. crates	98,254.00
Spinach	45	284 tons	6,986.00
Squash	515	95,275 L.A. lugs	200,077.00
Sweet potatoes	1,900	304,000 cartons	805,600.00
Tomatoes			
Fresh	450	560,000 lugs	1,120,000.00
Canned	450	7,200 tons	156,240.00
Cherry	33	49,500 lugs	74,250.00
Other vegetables	500	2,000 tons	16,000.00
			<hr/>
			\$ 22,387,768.00

FIELD CROPS

CROP	ACREAGE	PRODUCTION	F. O. B. VALUE
<u>GRAIN</u>			
Barley	349,613	12,385,674 sacks	\$ 25,638,345.00
Field Corn	27,030	756,840 sacks	1,854,258.00
Flax	3,569	124,915 bushels	387,987.00
Grain Sorghums	41,977	1,259,310 sacks	2,644,551.00
Rice	18,453	701,214 sacks	2,860,953.00
Wheat	13,704	347,132 sacks	1,086,523.00

FORAGE CROPS

Alfalfa	139,597	907,381 tons	23,591,906.00
Alfalfa Grazing	46,665		629,978.00
Alfalfa Straw	12,796	6,398 tons	57,582.00
Barley Straw & Hay	12,198	24,396 tons	219,564.00
Grazing			
Barley stubble	78,949		118,424.00
Oat Hay	3,113	4,669 tons	83,575.00
Irrigated pasture	62,224		3,577,880.00
Range pasture	1,423,507		1,779,384.00

COTTON

	215,203		
Lint		509,697 bales	82,570,914.00
Linters		107,036,370 lbs.	4,816,637.00
Seed		203,879 tons	9,174,555.00

OTHER FIELD CROPS

Blackeye peas	5,100	84,150 100# sks.	568,013.00
Sesame	65	22,750 lbs.	2,275.00
Sugar beets	8,677	130,155 tons	1,252,091.00
Sugar cane	7	9,436 bundles	21,231.00
Sunflower	70	77,000 lbs.	8,470.00

\$ 162,923,522.00



Sr. Inspector Roy Cowan
looking for Angular Leaf
Spot in cotton

<u>LIVESTOCK</u>	<u>NO. BREEDING STOCK</u>	<u>PRODUCTION</u>	<u>F. O. B. VALUE</u>
Beef cattle & calves	136,180	69,716,900 lbs.	\$ 17,129,332.00
Milk cows & two year old heifers	47,762	25,453,560 lbs.	6,227,640.00
Butter fat & milk		406,615,000 lbs.	15,126,078.00
Hogs	15,550	16,524,000 lbs.	2,809,080.00
Sheep & lambs	148,716	14,850,000 lbs.	2,673,000.00
Wool	148,716	1,337,544 lbs.	575,143.00
Rabbits	3,981	289,045 lbs.	60,699.00
			<u>\$ 44,600,972.00</u>

POULTRY

Hens (stewing)		4,641,504 lbs.	510,565.00
Meat birds		10,246,560 lbs.	1,946,846.00
Eggs (Consumers - sold for food)	1,160,376	21,273,559 doz.	5,956,596.00
Hatchery		309,974 doz.	278,976.00
Baby chicks	5,461,108		928,388.00
Turkeys	2,487,275	29,802,277 lbs.	7,152,546.00
Turkey hatch eggs		255,733 doz.	767,199.00
Poults	3,162,183		1,897,309.00
Goose eggs hatch		37,000 doz.	8,880.00
Goslings & geese	35,000		7,000.00
			<u>\$ 19,517,305.00</u>

APIARY

	<u>NO. OF HIVES</u>	<u>PRODUCTION</u>	<u>F. O. B. VALUE</u>
Honey	157,000	2,826,000 lbs.	\$ 169,560.00
Beeswax		196,250 lbs.	78,500.00
			<u>\$ 248,060.00</u>

CERTIFIED AND COMMON SEED

Certified Seed	63,362.5 Acres	30,323,655 lbs.	\$ 11,282,390.00
Non Certified Seed		4,070,141 lbs.	667,211.00
Vegetable Seed	936 Acres	510,314 lbs.	1,031,230.00
			<u>\$ 12,980,831.00</u>



Inspector West taking an
Official Seed Sample

NURSERY STOCK

<u>CROP</u>	<u>PRODUCTION</u>	<u>F. O. B. VALUE</u>
Grape rootings	2,324,500 rootings	\$ 92,980.00
Citrus trees	109,200 trees	273,000.00
Citrus seedlings	150,000 trees	15,000.00
Deciduous fruit trees		
Fig trees	5,000 trees	3,750.00
Vegetable plants		
Flats	20,000 flats	30,000.00
Field grown	785,000 plants	9,420.00
Yams	2,500,000 plants	30,000.00
Miscellaneous		
Field grown pansies	210,000 plants	6,300.00
Ornamentals	79,000 plants	19,750.00
Potted house plants	10,000 plants	7,500.00
Cut flowers	1,000 doz.	800.00
Gladiolus bulbs	1,200 doz.	600.00
		<hr/>
		\$ 489,100.00

LUMBER

SUMMARY OF TIMBER CUT IN FRESNO COUNTY

Timber cut in the Sierra and Sequoia National Forests and on private lands in the county.

Ponderosa & Jeffrey Pine	12,532 MBF	\$ 1,065,220.00
Sugar Pine	3,564 MBF	374,220.00
White & Red Fir	47,610 MBF	3,094,715.00
Incense Cedar	3,433 MBF	223,145.00
Lodge Pole Pine	541 MBF	35,230.00
Salvage	6,922 MBF	336,919.00
		<hr/>
		\$ 5,159,449.00 *



Products of Fresno County

*This figure not included in the grand total neither are Government Subsidy payments.

RECAPITULATION

Trees and Vines- - - - -	-\$127,063,560.00
Truck Crops- - - - -	22,387,768.00
Field Crops- - - - -	162,923,522.00
Certified Seed - - - - -	11,282,390.00
Non Certified Seed-- - - - -	667,211.00
Vegetable Seed- - - - -	1,031,230.00
Nursery Stock- - - - -	489,100.00
Apiary- - - - -	248,060.00
Livestock and Poultry- - - - -	64,118,277.00
TOTAL 1959 FRESNO COUNTY AGRICULTURAL VALUE REPORT	\$390,211,118.00



Timber access road a by-product
of logging operations

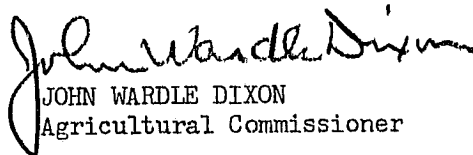
Sierra Forest Photo


The cutback in cotton acreage in 1955, 1956, 1957, 1958 and 1959 caused a diversion to other crops and many of the new crops cost more to raise than cotton and perhaps were not as remunerative, yet they brought in as much or more income to Fresno County.

Our records show:

1943-----	\$127,719,086.00
1944-----	\$144,932,101.00
1945-----	\$142,455,593.00
1946-----	\$188,519,304.00
1947-----	\$165,446,034.00
1948-----	\$209,911,487.00
1949-----	\$223,733,963.00
1950-----	\$285,169,167.00
1951-----	\$325,579,150.00
1952-----	\$349,903,721.00
1953-----	\$313,521,898.00
1954-----	\$317,683,314.00
1955-----	\$325,844,210.00
1956-----	\$330,906,961.00
1957-----	\$359,469,754.00
1958-----	\$370,997,944.00
1959-----	\$390,211,118.00

Respectfully submitted,


JOHN WARDLE DIXON
Agricultural Commissioner



1960

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Calif. Country

OFFICE OF THE
AGRICULTURAL COMMISSIONER

1960
AGRICULTURAL
CROP REPORT
FRESNO COUNTY



"WORLD CAPITAL OF
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AGRICULTURAL COMMISSIONER

L. D. McCORKINDALE
Commissioner

P. O. BOX 801
1730 SOUTH MAPLE AVENUE
FRESNO, CALIFORNIA

PHONE AD 3-2181

March 21, 1961

Mr. Charles Paul, Director
California Department of Agriculture
and
The Honorable Board of Supervisors
County of Fresno

Henry J. Andreas, Chairman
Norman S. Foley
George E. Malm
Sloan P. McCormick
Floyd Olsen

Gentlemen:

In scanning this report one may question certain changes from the past in the method of compilation and style of presentation. Those questions may be answered if I preface this publication by certain pertinent remarks.

Section 65.5 of the California Agricultural Code states in part that "The commissioner shall compile reports of the condition, acreage, production and value of the agricultural products in his county". Accordingly all financial statistics shown herein reflect the gross value of the agricultural commodities produced in Fresno County and not the net profit to the producer.

Page two graphically illustrates what average portion of the dollar a grower actually receives as net profit. Please note additional explanatory remarks on that page.

Page three is an attempt to very briefly summarize the most important observations concerning Fresno County agriculture during 1960.

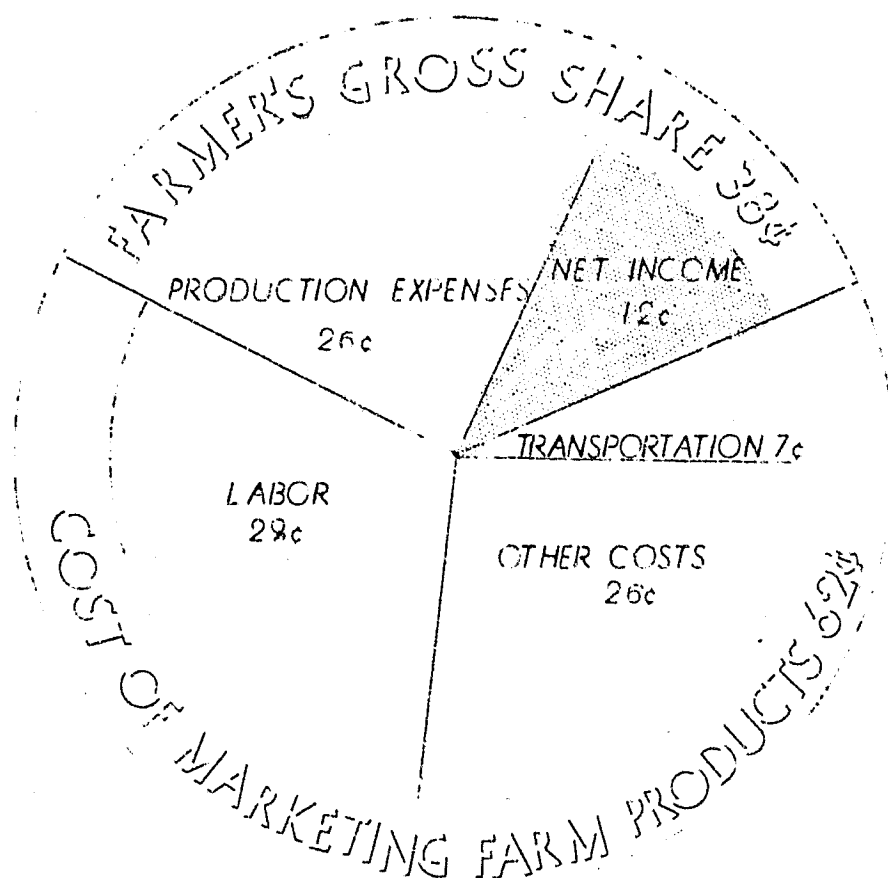
Crops, acreages, yields and values are all listed in the standardized method now being adopted by the majority of County Agricultural Commissioners throughout California. In this, my first year as Agricultural Commissioner of Fresno County, it is my intention to issue a report in such form that subsequent editions may be published in like pattern and thus promote ease in comparison of statistics during future years.

My sincere appreciation is gratefully extended to the dedicated members of my staff, to the many producers contacted, growers' associations contributing to this report, the Farm Advisor's Office, A.S.C. Office, food processors, produce dealers, beekeepers, and to all of the other individuals and organizations consulted prior to the printing of final statistics.

Respectfully submitted,

L. D. McCorkindale
Agricultural Commissioner

WHERE THE CONSUMER'S FOOD DOLLAR GOES IN THE UNITED STATES



This chart contains data which illustrate on a national basis where the consumer's food dollar goes. It may or may not be characteristic of Fresno County, although it is representative of agriculture in general.

As indicated above, the farmer's gross share of the consumer's dollar fell to 33% in 1960. This represented an all time low and a decrease of 12% since the years immediately following World War II, when it was 50% per food dollar spent. From this 33% the farmer spent 26% in producing the product for market and was left with only 12% as a wage for himself, his family, and a return on his investment in farming.

Although the prices received by farmers and their gross income remained relatively stable in 1960, costs of production again increased. Hired labor, for example, went up 4 percent over a year earlier, and taxes and interest rose 8 and 10 percent, respectively.

The fall in the farmer's share of the consumer dollar was caused by numerous factors, among them increased packaging costs and increased demands for more packaged foods. These factors contributed to a small rise in the consumer food bill in spite of the fact that the farmer received a reduced share in 1960.

Marketing costs made up almost 2/3 of the consumer food bill. Labor comprised the largest single cost of marketing farm products. Other costs included a variety of items considered as general overhead expenses.

(Source: Statistics compiled by the California Department of Agriculture from various publications of the United States Department of Agriculture.)

AGRI-LITES OF 1960

Every known avenue of information was explored by this office in an effort to make this annual report factual and complete. In doing so we verified that predictions advanced during the year concerning certain crops proved to be correct in several instances.

Total gross value of all crops for the year 1960 dropped under that of 1959 by more than \$8,700,000. However, the year 1960 exceeded 1958 by almost 10 $\frac{1}{2}$ million dollars.

Compared to 1959 the commodity group values of field crops, seed crops and vegetable crops did not show appreciable differences. Fruit and nut crops were definitely in contrast with a decrease of nearly \$22,000,000 from last year.

Nursery products passed the half million dollar mark for the first time on record. Livestock and poultry jumped more than 12 $\frac{1}{2}$ million dollars over last year, primarily due to a marked upturn in cattle feed-lot operations and a more thorough method of obtaining statistics by departmental personnel.

Cotton, Fresno County's most important field crop, slipped below the per acre yield of 1959 due to difficult weather conditions during the last half of picking, coupled with flower and boll drop as the result of extreme summer temperatures. Total acreage was up because of increased plantings under the "B" plan as permitted by the Agricultural Stabilization and Conservation Committee.

Barley grain, largest cultivated crop acreage-wise in the County, was giving way to higher income crops in some areas and committed to summer fallow in other sections because of the small margin of profit to be gained in producing it.

High temperatures, plus plants needing water at critical periods reduced yields of most seed crops. An increase occurred in the planting of European varieties of alfalfa seed for European markets. Although produced under certified seed conditions, these foreign types have not been officially certified as yet. It is probable that low prices received for the 1960 certified Ranger alfalfa seed crop (which comprised nearly 50% of the acreage of all certified alfalfa seed) will cause removal of several thousand acres before the 1961 crop year. Overproduction in recent years has been one of the major factors in creating this situation.

Grapes accounted for the major reduction in total value of the "Fruit and Nut Crops" division of this report when one compares it with last year. Although the bunch count appeared normal, packing procedures revealed that the weight factor was below normal. In addition yields were reduced because of decay in the bunches forcing heavier cullage by packing houses during a portion of the picking season. Diversion of more grapes to the wineries at lowered returns to the grower decreased the over-all value of the grape crop.

Although many problems still exist for Fresno County's agricultural future, the general intense interest being exhibited by its citizens in their mutual difficulties will in itself insure the solving of those problems.

Fresno County

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE, 1960

Crop	Harvested acreage	Production		Unit	Value	
		Per acre	Total		Per unit	Total
Barley	309,000	1.88	580,920	ton	\$ 43.	\$ 24,979,560
Beans, dry edible	5,200	.75	3,900	ton	190.	741,000
Corn	13,000	2.3	29,900	ton	50.	1,495,000
Cotton lint	237,746	1.9	451,717	bale	162.50	73,404,010
Cotton linters			42,430	ton	112.	4,752,160
Cotton seed			173,745	ton	52.	9,034,740
Hay						
Alfalfa	140,000	7.	980,000	ton	24.	23,520,000
Grain	500	1.	500	ton	21.	10,500
Other tame	300	1.	300	ton	20.	6,000
Wild	280	1.	280	ton	18.	5,040
Oats	2,700	1.	2,700	ton	66.60	179,820
Pasture & Range						
Alfalfa stubble	160,000 *			acre		250,000
Barley & Wheat stub.	190,000 *			acre		135,000
Cantaloupe	17,600 *			acre		35,000
Irrigated Pasture	60,000			acre	72.	4,320,000
Native Range	1,584,812			acre	1.92	3,042,840
Rice	19,392	2.	38,784	ton	85.	3,296,640
Screenings						
Alfalfa			1,914	ton	25.	47,850
Barley			990	ton	17.50	17,330
Silage						
Corn	8,000	15.25	122,000	ton	8.	976,000
Other	1,000	22.	22,000	ton	8.	176,000

Fresno County

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE, 1960 (Cont'd)

Crop	Harvested acreage	Production		Unit	Value	
		Per acre	Total		Per unit	Total
Sorghum	32,000	1.75	56,000	ton	\$ 36.80	\$ 2,060,800
Straw	48,664 *	1.5	72,996	ton	8.	583,970
Sugar beets	8,558	11.24	96,192	ton	7.90	759,920
Sunflowers	150	1.	150	ton	170.	25,500
Wheat	15,426	1.3	20,054	ton	60	1,203,240
Misc. **	<u>6,193</u>		45,027			<u>5,389,790</u>
Total	2,444,257					\$ 160,447,710

* Not included in total acreage figure. Already shown opposite crop involved.

** Includes flaxseed, safflower, sesame, and canary grass seed for feed.

SEED CROPS: ACREAGE, PRODUCTION, AND VALUE, 1960

Crop	Harvested acreage	Production		Unit	Value	
		Per acre	Total		Per unit	Total
Alfalfa, cert., all	62,046					
Atlantic	565	532	300,580	lb.	.43	\$ 129,250
Buffalo	860	370	318,200	lb.	.33	105,010
Du Puits	3,455	430	1,485,650	lb.	.40	594,260
Lahontan	7,265	314	2,281,210	lb.	.58	1,323,100
Moapa	3,298	545	1,797,410	lb.	.55	988,580
Narragansett	2,348	285	669,180	lb.	.53	354,670
Ranger	30,370	446	13,545,020	lb.	.28	3,792,600
Vernal	12,704	244	3,099,780	lb.	.39	1,208,910
Williamsburg	630	538	388,940	lb.	.28	94,900
Other	551	190	104,690	lb.	.35	36,640
Alfalfa, Common, all	6,369					
California	2,500	375	937,500	lb.	.30	281,250
European	1,753	414	725,740	lb.	.40	290,300
Other	2,116	372	787,150	lb.	.37	291,250
Barley, Certified	1,032	2,633	2,717,260	lb.	.035	95,100
Barley, Common	2,987	3,000	8,961,000	lb.	.033	295,710
Brome Grass	80	500	40,000	lb.	.70	28,000
Cabbage	38	1,064	40,430	lb.	2.23	90,160
Canary Grass	260	1,000	260,000	lb.	.065	16,900
Cantaloupe	10	295	2,950	lb.	1.23	3,630
Carrots	168	663	111,380	lb.	2.20	245,040
Chard	12	1,410	16,920	lb.	1.00	16,920
Cotton	6,310 *	2,200	13,882,000	lb.	.06	832,920
Dill	8	1,207	9,656	lb.	.90	8,690

SEED CROPS: ACREAGE, PRODUCTION, AND VALUE, 1960 (Cont'd)

Crop	Harvested acreage	Production		Unit	Value	
		Per acre	Total		Per unit	Total
Lettuce	765	653	499,545	lb.	3.47	\$ 1,733,420
Mustard	31	1,293	40,080	lb.	.46	18,440
Oats	120	1,040	124,800	lb.	.046	5,740
Okra	43	1,333	57,320	lb.	.60	34,390
Onion	65	631	41,015	lb.	2.93	120,170
Parsley	10	998	9,980	lb.	1.40	13,970
Rhodes Grass	11	136	1,500	lb.	.76	1,140
Rice, Certified	775 *	4,900	3,797,500	lb.	.058	220,250
Sudan, Certified	530	429	227,370	lb.	.08	18,190
Sudan, Common	95	947	89,965	lb.	.09	8,100
Turnip	8	1,588	12,700	lb.	.34	4,320
Vetch, Certified	35	100	3,500	lb.	.55	1,930
Vetch, Common	83	602	49,970	lb.	.11	5,500
Wheat, Certified	60	2,363	141,780	lb.	.04	5,670
Wheat, Common	<u>150</u>	3,000	450,000	lb.	.048	<u>21,600</u>
Total	75,016					\$ 13,336,620

* Not included in total acreage figure. Already shown opposite crop involved in "Field Crops".

Fresno County

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE, 1960

Crop	Harvested acreage	Production		Unit	Value	
		Per acre	Total		Per unit	Total
Beans, snap	110	3.5	385	ton	\$ 240	\$ 92,400
Beans, other	35	7.	245	ton	140	34,300
Cabbage	114	10.6	1,208	ton	47	56,780
Cauliflower						
Frozen	275	4.	1,100	ton	145	159,500
Chinese vegetables	130	11.	1,430	ton	80	114,400
Corn, sweet						
Fresh	120	4.2	504	ton	95	47,880
Frozen	500	4.	2,000	ton	18	36,000
Cucumbers	120	14.4	1,728	ton	109	188,350
Egg plant	65	6.	390	ton	175	68,250
Lettuce						
Head	230	9.7	2,231	ton	70	156,170
Loose	70	15.	1,050	ton	63	66,150
Melons						
Cantaloupe	25,000	6.7				
Fresh			167,059	ton	95	15,870,600
Frozen			441	ton	26	11,470
Casaba	165	11.3	1,864	ton	46	85,740
Granshaw	260	6.	1,560	ton	93	145,080
Honeydew	448	11.3	5,062	ton	49	248,040
Persian	208	12.	2,496	ton	54	134,780
Watermelons	1,750	18.				
Fresh			31,190	ton	28	873,320
Frozen			310	ton	30	9,300

Fresno County

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE, 1960 (Cont'd)

Crop	Harvested acreage	Production		Unit	Value	
		Per acre	Total		Per unit	Total
Mustard greens	50	6.	300	ton	\$ 70	\$ 21,000
Onions						
Dry	465	13.	6,045	ton	60	362,700
Green	550	13.3	7,315	ton	153	1,119,200
Peppers						
Bell	180	7.9	1,422	ton	199	282,980
Chili	100	5.	500	ton	108	54,000
Potatoes	2,870	10.5	30,135	ton	60	1,808,100
Radishes	200	6.	1,200	ton	75	90,000
Romaine	145	16.	2,320	ton	66	153,120
Spinach						
Frozen	120	5.	600	ton	25	15,000
Squash						
Summer	450	7.8	3,510	ton	113	396,630
Winter	50	7.2	360	ton	125	45,000
Sweet potatoes	670	2.8				
Canned			400	ton	40	16,000
Fresh			1,476	ton	194	286,340
Tomatoes						
Cherry	60	22.5	1,350	ton	189	255,150
Regular	400	16.8	6,720	ton	190	1,276,800
Turnips	65	3.	195	ton	67	13,070
Misc. vegetables *	<u>250</u>	6.	1,500	ton	75	<u>112,500</u>
Total	33,225					24,763,200

* Includes artichokes, asparagus, beets, broccoli, brussel sprouts, carrots, cauliflower (fresh), cucumbers (processed), endive, garlic, mustard greens, peas (green), spinach (fresh), and swiss chard.

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE, 1960

Crop	Bearing acreage	Production		Unit	Value	
		Per acre	Total		Per unit	Total
Almonds	1,313	.47	617	ton	\$500.	\$ 308,500
Apples	117	.25	29	ton	133.	3,860
Apricots	465	4.				
Canned			920	ton	70.	64,400
Dried			113	ton	520.	58,760
Fresh			186	ton	120.	22,320
Frozen			76	ton	70.	5,320
Bushberries						
Fresh	42	4.	168	ton	444.	74,590
Processed	230	3.6	828	ton	280.	231,840
Figs	13,584					
Dry pack		1.	4,508	ton	273.	1,230,680
Dry paste		1.	9,016	ton	273.	2,461,370
Fresh		3.	230	ton	108.	35,640
Grapes, All	149,815					
Raisin varieties						
Thompson	75,452	1.9	143,359	ton	260.	37,273,340
Others	3,229	1.6	5,166	ton	227.	1,172,680
Table varieties						
Emperors	6,361	6.2	39,438	ton	140.	5,521,320
Malaga	2,652	1.3	3,448	ton	169.	582,710
Ribier	1,123	3.4	3,818	ton	278.	1,061,400
Thompson	13,034	6.9	89,935	ton	147.	13,220,450
Others	3,514	5.	17,570	ton	151.	2,653,070
Wine varieties						
Alicante	2,342	5.6	13,115	ton	42.	550,830
bouchet						
Carignane	1,253	6.2	7,769	ton	42.	326,300
Grenache	1,618	8.5	13,753	ton	42.	577,630
Malaga *		6.9	18,299	ton	35.	640,460
Muscat	11,649	7.	81,543	ton	30.	2,446,290
Thompson	23,246	9.7	225,486	ton	32.	7,215,550
Others	4,342	5.5	23,881	ton	41.	979,120
Grapefruit	18	11.6	209	ton	100.	20,900
Lemons	115	11.1				
Fresh			702	ton	130.	91,260
Processed			561	ton	24.	13,460
Nectarines	4,068	5.1				
Dried			20	ton	300.	6,000
Fresh			20,173	ton	164.	3,308,370
Processed			437	ton	70.	30,590

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE, 1960 (Cont'd)

Crop	Bearing acreage	Production		Unit	Value	
		Per acre	Total		Per unit	Total
Olives	1,104	4.				
Canned			3,533	ton	\$ 203.	\$ 717,200
Oil			857	ton	60.	51,420
Other			26	ton	100.	2,600
Oranges						
Navel	2,900	9.1				
Fresh			23,944	ton	145.	3,471,880
Processed			2,003	ton	45.	90,140
Valencia	697	8.6				
Fresh			5,207	ton	139.	723,770
Processed			736	ton	60.	44,160
Misc.	64	15.3	979	ton	108.	105,730
Peaches						
Clingstone	727	11.				
Fresh			48	ton	139.	6,670
Processed			7,949	ton	55.	437,190
Peaches						
Freestone	11,560	8.5				
Canned			15,229	ton	36.	548,240
Dried			2,000	ton	380.	760,000
Fresh			68,563	ton	143.	9,804,510
Frozen			2,828	ton	40.	113,120
Pecans	48	.3	14	ton	580.	8,120
Persimmons	47	4.9	230	ton	205.	47,150
Plums	5,264	3.8				
Fresh			19,724	ton	256.	5,049,340
Frozen			279	ton	12.	3,350
Pomegranates	149	6.2	924	ton	152.	140,450
Prunes, fresh	102	.5	51	ton	170.	8,670
Strawberries	135	6.1				
Fresh			742	ton	480.	356,160
Frozen			75	ton	306.	22,950
Walnuts	1,992	.5	996	ton	460.	458,160
Misc. **	11		1,485	ton		16,410
Total	194,567					\$ 105,176,400

* Malaga acreage listed under Table varieties

** Includes almond hulls, avocados, cherries, pistachio nuts and prunes (dried)

NURSERY PRODUCTS: PRODUCTION, AREA, SALES, AND VALUE, 1960

Item	Production Area		Quantity sold by Producers	Unit	Value	
	House Sq. Ft.	Field acres			Per unit	Total
Citrus						
Grapefruit Marsh		.1	800	Tree	\$ 2.50	\$ 2,000
Lemons						
Eureka		.5	3,000	Tree	2.50	7,500
Lisbon		.5	3,250	Tree	2.50	5,620
Oranges						
Navels		11.	108,100	Tree	2.50	270,250
Valencias		1.5	14,700	Tree	2.50	36,750
Satsuma		.2	1,700	Tree	2.50	4,250
Seedlings	2,000		150,000	Plant	.10	15,000
Tangerines						
Dancy		.1	600	Tree	2.50	1,500
Kumquats		.03	200	Tree	2.50	500
Deciduous Fruit Trees						
Figs						
Calimyrna		1.5	2,000	Tree	.75	1,500
Conadria		1.5	2,500	Tree	.75	1,880
Peach (June Buds)						
Babcock		1.	3,000	Tree	.40	1,200
Grapevines						
Thompson		26.	409,500	Per M	50.00	20,470
Muscat		4.	60,000	Per M	50.00	3,000
Grenache		4.	60,000	Per M	50.00	3,000
1613		2.	27,000	Per M	50.00	1,350
Vegetable Plants						
Hot Bed						
Tomatoes, Peppers	6,000		400,000	Per M	5.00	2,000
Special Group						
Tomatoes, Peppers	50,000		1,170,000	Plant	.03	35,100
Hot Bed						
Yams		2.	2,976,000	Per M.	4.00	11,900
Ornamental Trees & Shrubs						
Trees, Shade		.5	1,500	Tree	1.25	1,880
Ornamentals	34,450		93,600	Plant	.50	46,800
Bedding Plants						
Pansies, field grown		2.5	7,500	Flat	1.75	13,120

NURSERY PRODUCTS: PRODUCTION AREA, SALES, AND VALUE, 1960 (Cont'd)

Item	Production Area		Quantity sold by Producers	Unit	Value	
	House Sq. Ft.	Field acres			Per unit	Total
Herbaceous Perennials						
Hibiscus, Phlox						
Clemantis, etc.	3,000		10,000	Plant	\$.50	5,000
Indoor Decorative Plants						
Saintpaulia	7,000		7,500	Plant	.50	3,750
Pothos, Philodendron, Peperomia, Chinese ever- green, etc.	16,700		25,750	Plant	.25	6,440
Cactus & Succulents	1,000		1,250	Plant	.25	310
Bulbs, Rhizomes, Roots, etc.						
Iris	500		500	Plant	.50	250
Taro		1.5	2,000	Lb.	.10	200
Propagative Materials						
Pits		.5	200,000	Plant	.03	6,000
Cut Flowers						
Chrysanthemum, Pompon		.75	6,320	Bunch	.75	4,740
Gladiolus		.25	1,050	Dozen	.75	790
Dahlias		.25	6,000	Bloom	.05	300
Christmas Trees			11,000	Tree	1.00	11,000
Total	120,650	62.18				\$ 525,350

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE, 1960

Item	Production		Unit	Value	
	No. of Head	Total liveweight		Per unit	Total
Cattle and calves					
Beef					
Breeding stock					
Registered	1,037		head	\$500.00	\$ 518,500
Common	3,607		head	300.00	1,082,100
Feeders	70,469	232,447	cwt.	24.00	5,578,730
Slaughter stock					
From feed lots	175,460	582,689	cwt.	26.00	15,149,910
From other sources	9,054	90,540	cwt.	15.00	1,358,100
Dairy					
Breeding stock	7,000		head	235.00	1,645,000
Cull stock	7,544	75,440	cwt.	14.65	1,105,200
Milk stock					
Calves	43,800	131,400	cwt.	24.30	3,193,020
Cows	4,156		head	180.00	748,080
Sheep and lambs					
Slaughter stock					
Lambs	53,270	47,943	cwt.	18.87	904,680
Sheep	15,220	24,352	cwt.	4.83	117,620
Hogs and pigs					
Breeding stock	82		head	96.00	7,870
Feeders	8,049	7,110	cwt.	19.00	135,090
Slaughter stock	2,729	5,886	cwt.	18.00	105,950
Horses and mules					
Work stock	1,384		head	150.00	207,600
Recreational stock	941		head	184.00	173,140
Broilers and fryers	4,002,617	13,539,536	lb.	.18	2,437,120
Other chickens	828,017	4,140,085	lb.	.10	414,010
Chicks					
Broiler type	2,463,024		each	.15	369,450
Egg type	816,444		each	.40	326,580
Turkeys	2,885,000	59,810,000	lb.	.265	15,849,650
Turkey poults	850,000		each	.578	491,300
Pigeons	10,630	13,288	lb.	.755	10,030
Pheasants	4,560	15,960	lb.	.94	15,000
Misc. poultry	140		each	1.00	140
Rabbits	14,863	59,452	lb.	.26	15,460
Total	12,279,097				\$ 51,959,330

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE, 1960

Item	Production	Unit	Value	
			Per unit	Total
Milk				
Market	3,017,861	cwt.	4.17	\$ 12,584,480
Manufacturing	730,066	cwt.	3.11	2,270,510
Wool	684,900	lb.	.41	280,810
Eggs, chicken				
Market	21,249,000	doz.	.34	7,224,660
Hatching	16,666	doz.	.85	14,170
Eggs, turkey, hatching	9,844,632	each	.25	2,461,160
Total				\$ 24,835,790

JANUARY 1 INVENTORIES OF LIVESTOCK AND POULTRY
(in number of head)

Item	January 1, 1961
Cattle and calves	
All	243,700
Milk cows 2 years and over	46,000
Cattle and calves on feed	40,570
Sheep and lambs	
All	129,270
Stock sheep	76,100
Hogs and pigs	5,800
Horses and mules	3,600
Hens and pullets of laying age	1,180,000
Turkey breeder hens	138,530

APIARY PRODUCTS, PRODUCTION AND VALUE, 1960

Item	Production Total	Unit	Value	
			Per unit	Total
Honey	2,883,584	lb.	.10	\$ 288,360
Beeswax	48,060	lb.	.41	19,700
Pollination *				
Alfalfa seed	18,500	colony	4.00	74,000
Almonds	1,700	colony	1.25	2,120
Plums	1,900	colony	1.25	2,380
Total				\$ 386,560

* Reflects only the bees registered in Fresno County.

(Actual 131,070 colonies of bees in County during summer months)

MISCELLANEOUS AGRICULTURAL COMMODITIES: PRODUCTION AND VALUE, 1960

Item	Production Total	Unit	Per unit	Total
Chinchillas	168	each	50.00	\$ 8,400
Total				\$ 8,400

FIVE YEAR COMPARISON STUDY OF CROP VALUES IN FRESNO COUNTY

	1956	1957	1958	1959	1960
Field Crops	\$151,385,950	\$164,561,650	\$150,485,320	\$162,923,520	\$160,447,710
Seed Crops	10,523,880	12,393,950	12,676,060	12,980,830	13,336,620
Vegetable Crops	17,834,120	22,109,730	18,383,550	22,387,770	24,713,200
Fruit & Nut Crops	94,275,760	103,923,760	123,953,220	127,063,560	105,176,400
Nursery Products	231,030	330,810	517,290	489,100	525,350
Livestock & Poultry	56,035,010	56,692,250	63,920,370	64,118,280	76,795,120
Apiary	661,210	661,890	1,062,120	248,060	386,560
Miscellaneous	-----	-----	-----	-----	8,100
Grand Total	\$330,946,960	\$365,579,040	\$370,997,930	\$390,211,120	\$381,439,360

1961

Ref. V.F.

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1961
AGRICULTURAL
CROP REPORT
FRESNO COUNTY

California, Counties



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L. D. McCORKINDALE
Commissioner

P. O. BOX 801
FRESNO, CALIFORNIA

1730 S. MAPLE AVE.
PHONE AD 3-2181

March 22, 1962

Mr. Charles Paul, Director
California Department of Agriculture
and
The Honorable Board of Supervisors
County of Fresno

Gentlemen:

Henry J. Andreas, Chairman
Norman S. Foley Sloan P. McCormick
George E. Malm Floyd Olsen

This report is substantially in the same standardized form as published last year, except for certain improvements. For comparison purposes the 1960 crop statistics are listed immediately below the current year's data. Such procedure is a first for Fresno County Annual Crop Reports. This effort is another step towards issuing a record which may be both interesting and factual.

Because the "cost-price squeeze" is discussed so frequently by persons engaged in the many facets of agribusiness, page 2 is included to graphically chart the decline since 1950 in the farmer's share of the consumer's retail food dollar.

"Agri-Lites of 1961" briefly reveals the outstanding factors and trends which influenced Fresno County agriculture during the year.

If one compares the data shown for 1960 in this issue with the 1960 Crop Report published a year ago, he will find certain discrepancies in some crops. These are the result of rounding out figures, as well as the revising of information based on additional facts gained after the 1960 publication date.

My sincere appreciation is gratefully extended to the dedicated members of my staff, to the many producers contacted, growers' associations contributing to this report, the Farm Advisor's Office, A.S.C. Office, food processors, produce dealers, beekeepers, and to all of the other individuals and organizations consulted prior to the printing of final statistics.

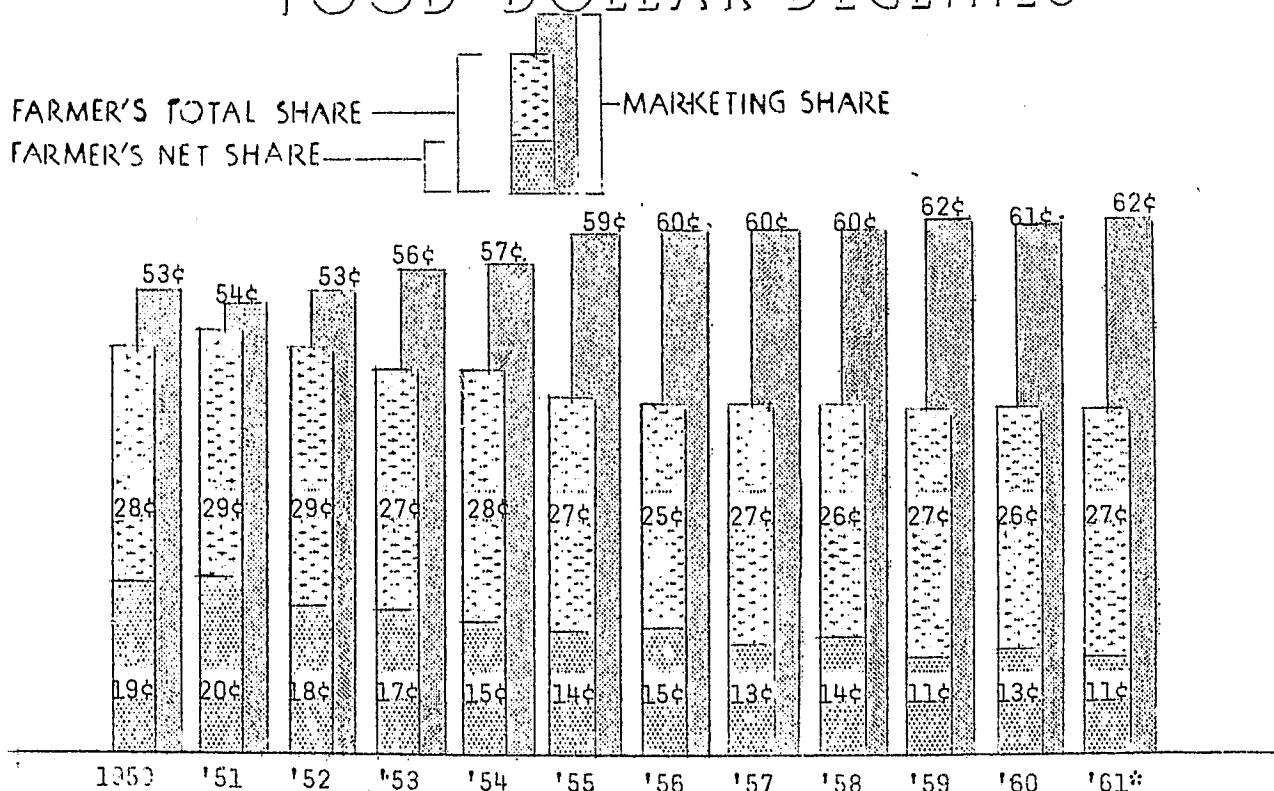
Section 65.5 of the California Agricultural Code requires the compiling of this record. Please note that this report deals with the gross value of agricultural products and not the net return to the farmer.

Respectfully submitted,

L. D. McCorkindale
Agricultural Commissioner

LDM:ls

FARMERS' SHARE OF CONSUMER'S RETAIL FOOD DOLLAR DECLINES



* 1961 is estimated

Sources: U.S.D.A. Chart Book and National Data Book, 82nd Edition

Consumers in all walks of life are interested in an abundance of healthful foods available at all seasons of the year at reasonable prices.

Our agricultural producers are producing a generous abundance in quantity and variety and they are doing it with a high degree of efficiency at very low prices.

Farmers are supplying the market at prices that are too low to provide a proper income for their labor, management, and investment in comparison with other kinds of businesses. So long as this disparity of income prevails, agriculture cannot buy the products of industry as well as it should. Nor can rural people buy as many of the services of business and the services of the scientific professions as would be possible and desirable in a more balanced economy.

The number of farms in the United States is decreasing by the hundreds of thousands each year. Production, however, remains high because much of the land continues in production as a part of other farms, and the economic and organizational forces for increased production remain strong.

Farm prices are not causing increases in the cost of living. The farmer's share of the consumer's dollar spent for food has been decreasing. Wage earners and salaried workers have been using a lesser portion of their total earnings for food.

Source: Economic Report # 1, California Department of Agriculture

AGRI-LITES OF 1961

Each agricultural season has its individual variations when compared to prior plant growth and harvest periods. The 1961 crop year was no exception.

Weather: Low rainfall marked the winter of 1960-61 and found many growers irrigating during the early part of March. Soil moisture conditions were considered critical by numerous farmers at an early date during the growing season.

Minimum thermometer readings down to 25 to 22 degrees in early January resulted in some citrus crop losses.

Temperatures ranging up to 110 degrees during June persisted long enough to damage grape vines, grapes, walnuts, plums, citrus, and other commodities. Soil moisture was further depleted by the extreme heat.

Field Crops: Cotton, king of the field crops in Fresno County, dropped over \$13,000,000 in gross value because of two prominent reasons. First, government acreage allotments were more than 30,000 acres under those of 1960. Second, average yields per acre for 1961 did not come up to early expectations and were found to be under those of 1960 when final figures became available. Higher values per bale did not substantially off-set the large acreage and yield decreases.

Gains in acreages and values were experienced in dry beans, rice, safflower and sugar beets; but losses in barley, alfalfa, and sorghum grain nullified these advances.

Final tally of all field crops showed a net reduction in gross value of \$14,485,870 from 1960.

Seed Crops: Predictions made in the 1960 Crop Report proved to be true. Certified seed alfalfa experienced a substantial reduction of more than 13,000 acres from last year. Ranger and Vernal were the two varieties most affected. Factors primarily blamed for the decrease were the lack of water, low prices in 1960, and the interest in growing other crops such as safflower and sugar beets.

European and proprietary varieties of alfalfa seed have gained prominence. Strange varietal names such as Schleisische, Arnims, Altfranken Steinbach, Flandria, Orchesienne, and Jokioinen have made their appearances.

Vegetable Crops: Cantaloupes, green onions, potatoes and tomatoes were in the million dollar bracket. Easily the most valuable crop was cantaloupes, accounting for over 60% of the gross value of all the vegetables grown in the County. High summer temperatures definitely decreased watermelon yields. Tomato returns and yields were good.

Total worth of all vegetable crops grown was slightly above the 1960 figure as indicated by the sum of \$25,073,380 for 1961.

Fruit & Nut Crops: In this category Mother Nature began the season with a promise of bumper crops considerably in excess of normal. She then proceeded to revert to her own whimsical self by a display of extreme heat in June which damaged various crops.

Surprisingly enough, however, the heat injury did not lower production enough to prevent a \$10,033,550 increase in the 1961 total value of fruit and nuts over 1960.

Thompson seedless grapes had a difficult time meeting legal maturity requirements until late in the season. Contributing factors were thought to be damage to vines during the high temperatures, overcropping of the vines, increased use of gibberellin sprays, and shortages of soil moisture. Because of adverse conditions cullage of Thompsons for table use tended to be in excess of normal in packing houses during 1961.

During raisin harvesting operations most tray counts tended to run high. However, unfavorable drying ratios reduced this condition to a fairly normal raisin yield.

Emperor grape yields were low, but market acceptance and monetary returns were good.

Despite unfavorable natural soil moisture conditions most deciduous fruit varieties formed sufficient fruit for good yields. One exception to this was a substantial drop of plums in May in some orchards.

Excessive temperatures caused a heavy June drop of oranges. Freezing injury late in the year gave added trouble to citrus growers.

Internal heat damage to plum varieties such as Late Santa Rosa, Queen Ann, Duarte and Ace caused heavy cullage and subsequent reduced yields. Growth cracks created by an unseasonal rain also proved to be of concern in the Late Santa Rosa plums.

Nursery Products: An increase in the total value of nursery stock produced in the County could be largely attributed to citrus and vegetable plant production.

In citrus nursery stock such popular varieties as Frost nucellar navel orange and the Olinda Valencia orange were apparent. Troyer, Trifoliate, and Rough Lemon were the principal rootstocks used.

There was a decided decrease in the acreage of grape rootings.

Livestock and Poultry: Additional feed yards built in the County, and more cattle in the existing lots, caused a \$2,230,654 increase in beef cattle values.

A reduction in horse and mule populations was the result of work demand. Hogs decreased due to some swine ranches going out of business. Local hog producers could not compete favorably with pork imports, it was reported.

Laying hen flocks were not replaced during 1961 at so frequent intervals as in prior years. Poor prices paid for the birds when sold for meat was given as one of the reasons for the egg farmers holding layers for a longer period of time.

High mortality rates from adverse summer and winter weather, plus increased feed prices, were blamed for the reduction in rabbits.

Fresno County

Climatology and Geography

Almost in the center of California, Fresno County stretches for approximately 150 miles across the San Joaquin Valley.

Many extremes are found from one end of the County to the other, as indicated below:

Highest elevation (High Sierras on East)	14,254	ft.
Lowest elevation (flat lands in West)	120	ft.
Transition in Life Zones range from Sonoran to Alpine.		
Rainfall (maximum, including heavy snows in mountains)	60	inches
Rainfall (minimum in semi-arid west portion)	7	inches
Approximate average yearly rainfall for County	9.5	inches
Average maximum temperatures	76.3	°
Average minimum temperatures	50.1	°
Mean temperature	63.2	°
January temperatures - range	38° to 54	°
July temperatures - range	65° to 99	°
Growing season - average	292	days

There are approximately 8,340 farms in the County averaging 274 acres in size.

Approximately 200 crops may be grown in Fresno County. About 60% of the land area is in farms.

Land Uses

Total Cropland	1,321,050	acres
Irrigated land (1,245,360 acres)		
Non-irrigated land (75,690 acres)		
Pasture and Range land	570,000	acres
Other land	75,000	acres
Urban and built-up areas	68,000	acres
Water areas (40 acres or more)	6,000	acres
Forest and woodland	296,000	acres
Federal land	1,481,000	acres
Total acreage in Fresno County	3,817,050	acres

References and Sources:

California Blue Book
California Soil and Water Conservation Needs Inventory
U. S. 1959 Agricultural Census
U. S. Weather Bureau, Fresno Air Terminal

Fresno County

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE, 1961

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Barley	1961	282,000	1.70	479,000	ton	45.00	\$ 21,573,000
	1960	309,000	1.88	580,900	ton	43.00	24,978,700
Beans, dry edible	1961	10,000	1.50	15,000	ton	175.00	2,625,000
	1960	5,200	0.75	3,900	ton	190.00	741,000
Corn	1961	12,000	2.20	26,400	ton	51.00	1,346,400
	1960	13,000	2.30	29,900	ton	50.00	1,495,000
Cotton lint	1960	207,900	2.03	422,040	bale	171.00	72,168,800
	1960 <u>a/</u>	238,000	2.17	516,600	bale	162.50	83,947,500
Cotton seed	1961			169,000	ton	54.00	9,126,000
	1960			206,640	ton	52.00	10,745,300
Hay							
Alfalfa	1961	135,000	7.70	1,040,000	ton	22.00	22,880,000
	1960	140,000	7.00	980,000	ton	24.00	23,520,000
Grain	1961	2,500	1.00	2,500	ton	19.00	47,500
	1960	500	1.00	500	ton	21.00	10,500
Other, tame	1961	350	1.10	385	ton	19.00	7,320
	1960	300	1.00	300	ton	20.00	6,000
Wild	1961	700	1.00	700	ton	20.00	14,000
	1960	280	1.00	280	ton	18.00	5,040
Oats	1961	750	0.90	675	ton	30.00	20,300
	1960	2,700	1.00	2,700	ton	66.60	179,800
Pasture & Range							
Alfalfa <u>b/</u> stubble	1961	216,000			acre	5.00	1,080,000
	1960	160,000			acre	1.56	249,600
Barley & <u>b/</u> wheat stub.	1961	180,000			acre	2.00	360,000
	1960	190,000			acre	0.71	134,900
Cantaloupe <u>b/</u>	1961	22,000			acre	5.00	110,000
	1960	17,600			acre	1.99	35,000
Irrigated pasture	1961	61,000			acre	72.00	4,392,000
	1960	60,000			acre	72.00	4,320,000
Native Range	1961	1,560,000			acre	1.95	3,042,000
	1960	1,585,000			acre	1.92	3,043,000

Fresno County

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE, 1961 (cont'd)

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Rice	1961	20,700	2.20	46,000	ton	96.00	\$ 4,416,000
	1960	19,400	2.20	38,800	ton	85.00	3,298,000
Screenings							
Alfalfa	1961			2,024	ton	24.00	48,600
	1960			1,914	ton	25.00	47,850
Barley	1961			594	ton	15.00	8,910
	1960			990	ton	17.50	17,300
Silage							
Corn	1961	6,500	15.00	97,500	ton	6.00	585,000
	1960	8,000	15.20	121,600	ton	8.00	980,800
Sorghum	1961	3,000	25.00	75,000	ton	5.50	412,500
	1960	0					
Other	1961	1,200	22.00	26,400	ton	5.00	132,000
	1960	1,000	22.00	22,000	ton	8.00	176,000
Safflower	1961	7,128	0.75	5,350		86.00	460,100
	1960	375	1.28	117		72.00	22,000
Sorghum grain	1961	28,000	2.00	56,000	ton	41.50	2,324,000
	1960	32,000	1.75	56,000	ton	36.80	2,060,800
Straw <u>b/</u>	1961	52,000	1.25	65,000	ton	7.00	455,000
	1960	48,700	1.50	72,996	ton	8.00	584,000
Sugar beets	1961	12,700	16.00	203,200	ton	33.05	2,651,700
	1960	8,560	11.20	95,900	ton	7.90	757,600
Sunflowers	1961	2,000	1.00	2,000	ton	140.00	280,000
	1960	150	1.00	150	ton	170.00	25,500
Wheat	1961	14,456	1.80	26,000	ton	63.00	1,638,000
	1960	15,400	1.30	20,000	ton	60.00	1,200,000
Misc.	1961						1,281,200
	1960						5,390,000
Totals	1961	2,367,884					\$153,485,330
	1960	2,438,865					\$167,971,200

a/ Cotton has been revised since 1960 report

b/ Not included in total acreage figure. Already shown opposite crop involved.

Fresno County

SEED CROPS: ACREAGE, PRODUCTION, AND VALUE, 1961

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Alfalfa, Cert.	1961	48,669					
All	1960	62,076					
Atlantic	1961	615	461	284,000	lb.	.40	\$ 113,000
	1960	565	533	301,000	lb.	.43	129,000
Buffalo	1961	600	319	191,000	lb.	.45	86,000
	1960	860	370	318,000	lb.	.33	105,000
Cody	1961	1,130	329	371,000	lb.	.50	186,000
	1960	0					
Du Puits	1961	3,570	330	1,179,000	lb.	.44	519,000
	1960	3,460	430	1,488,000	lb.	.40	595,000
FD 100	1961	885	210	186,000	lb.	.35	65,000
	1960	0					
Lahontan	1961	8,150	281	2,291,000	lb.	.40	916,000
	1960	7,260	314	2,280,000	lb.	.58	1,322,000
Moapa	1961	6,250	469	3,056,000	lb.	.31	947,000
	1960	3,300	545	1,798,000	lb.	.55	989,000
Narragansett	1961	1,920	445	855,000	lb.	.44	376,000
	1960	2,350	285	670,000	lb.	.53	355,000
Ranger	1961	19,900	481	9,576,000	lb.	.41	3,926,000
	1960	30,400	446	13,558,000	lb.	.28	3,796,000
Vernal	1961	4,690	198	928,000	lb.	.43	399,000
	1960	12,700	244	3,099,000	lb.	.39	1,209,000
Williamsburg	1961	959	245	235,000	lb.	.36	84,600
	1960	630	538	399,000	lb.	.28	94,900
Other	1961	0					
	1960	551	191	105,000	lb.	.35	36,800
Alfalfa, Common	1961	10,100					
All	1960	6,370					
California <u>a/</u>	1961	3,510	485	1,702,000	lb.	.30	511,000
	1960	2,500	375	938,000	lb.	.30	281,000
European <u>b/</u>	1961	2,970	325	965,000	lb.	.40	386,000
	1960	1,750	414	724,000	lb.	.40	290,000
Other <u>c/</u>	1961	3,620	332	1,200,000	lb.	.36	433,000
	1960	2,120	372	789,000	lb.	.37	292,000

Fresno County

SEED CROPS: ACREAGE, PRODUCTION, AND VALUE, 1961 (cont'd)

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Barley, Cert.	1961	953	2,560	2,443,000	lb.	\$.037	\$ 89,200
	1960	1,032	2,630	2,709,000	lb.	.035	95,100
Barley, Common	1961	4,030	3,210	12,907,000	lb.	.0325	419,500
	1960	2,990	3,000	8,970,000	lb.	.033	236,000
Beans, Cert. Blackeyes	1961	255	1,070	272,000	lb.	.073	19,700
	1960	0					
Brome grass Common	1961	360	700	252,000	lb.	.70	176,000
	1960	80	500	40,000	lb.	.70	28,000
Cabbage	1961	29	730	21,200	lb.	2.31	48,900
	1960	38	1,064	40,430	lb.	2.23	90,160
Cantaloupe	1961	0					
	1960	10	295	2,950	lb.	1.23	3,630
Carrots	1961	76	473	36,000	lb.	1.28	46,000
	1960	168	663	111,000	lb.	2.20	244,000
Chard	1961	0					
	1960	12	1,410	16,900	lb.	1.00	16,900
Cotton	1961	18,400	1,000	18,400,000	lb.	.077	1,415,000
	1960	6,310	2,200	13,882,000	lb.	.06	832,920
Dill	1961	0					
	1960	8	1,210	9,680	lb.	.90	8,710
Lettuce	1961	218	405	88,300	lb.	4.46	394,000
	1960	765	654	500,000	lb.	3.47	1,735,000
Love grass	1961	40	800	32,000	lb.	.25	8,000
	1960	0					
Mustard	1961	29	1,640	47,400	lb.	.41	19,400
	1960	31	1,290	40,000	lb.	.46	18,400
Oats	1961	0					
	1960	120	1,040	125,000	lb.	.046	5,750
Okra	1961	42	947	39,800	lb.	.50	19,900
	1960	43	1,330	57,200	lb.	.60	34,300
Onion	1961	61	353	21,500	lb.	2.78	59,900
	1960	65	631	41,000	lb.	2.93	120,000

Fresno County

SEED CROPS: ACREAGE, PRODUCTION, AND VALUE, 1961 (cont'd)

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Parsley	1961	8	353	2,820	lb.	1.25	\$ 3,530
	1960	10	998	9,980	lb.	1.40	14,000
Rhodes grass	1961	0	136	1,500	lb.	.76	1,140
	1960	11	136	1,500	lb.	.76	1,140
Rice, Cert.	1961	617	4,760	2,938,000	lb.	.064	188,000
	1960	775	4,900	3,798,000	lb.	.058	220,000
Rice, Common	1961	171 d/	4,400	752,000	lb.	.057	42,900
	1960	0					
Safflower US 10	1961	760	2,047	1,556,000	lb.	.065	101,000
	1960	0					
Sudan, Cert.	1961	40	1,090	43,600	lb.	.07	3,050
	1960	530	428	227,000	lb.	.08	18,200
Sudan, Common	1961	560	800	448,000	lb.	.06	26,900
	1960	95	947	90,000	lb.	.09	8,100
Turnip	1961	65	1,590	103,000	lb.	.35	36,100
	1960	8	1,590	12,700	lb.	.34	4,320
Vetch, Cert.	1961	0					
	1960	35	100	3,500	lb.	.55	1,920
Vetch, Common	1961	304	1,380	420,000	lb.	.06	25,200
	1960	83	602	49,970	lb.	.11	5,500
Wheat, Cert.	1961	0					
	1960	60	2,363	141,780	lb.	.04	5,670
Wheat, Common	1961	224	3,100	694,000	lb.	.045	31,300
	1960	150	3,000	450,000	lb.	.048	21,600
Totals	1961	85,840					\$12,121,080
	1960	81,875					13,324,000

a/ Includes Lahontan, Moapa, African, and Peruvian.

b/ Includes Schlesische, Tuna, Franck's Langmeiler, Arnims, Altfranken Steinbach, Flandria, Eynsford, Altfranken Schmidt, Orchesienne, and Jokioinen.

c/ Includes the proprietary varieties and Cardinal, Nomad, and uncertified Ranger.

d/ Not included in total acreage figure. Already shown opposite crop involved in "Field Crops".

Fresno County

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE, 1961

Crop	Year	Harvested acreage	Production		Unit	Total	
			Per acre	Total		Per unit	Total
Beans, snap	1961	25	4.5	112	ton	360	\$ 40,300
	1960	110	3.5	385	ton	240	92,400
Beans, other	1961	50	4.0	200	ton	240	48,000
	1960	35	7.0	245	ton	140	34,300
Cabbage	1961	100	9.0	900	ton	56	50,400
	1960	114	10.6	1,210	ton	47	56,900
Cauliflower Frozen	1961	340	3.8	1,300	ton	119	155,000
	1960	275	4.0	1,100	ton	145	160,000
Chinese veg.	1961	200	12.0	2,400	ton	90	216,000
	1960	130	11.0	1,430	ton	80	114,400
Corn, sweet Fresh	1961	200	3.5	700	ton	134	93,800
	1960	120	4.2	504	ton	95	47,900
Frozen	1961	225	5.0	1,130	ton	15	17,000
	1960	500	4.0	2,000	ton	18	36,000
Cucumbers	1961	150	4.9	735	ton	107	78,600
	1960	120	14.4	1,730	ton	109	188,600
Egg plant	1961 <u>a/</u>						
	1960	65	6.0	390	ton	175	68,300
Lettuce, All	1961 <u>a/</u>						
	1960	300					
Head	1961 <u>a/</u>						
	1960	230	9.7	2,230	ton	70	156,100
Loose	1961 <u>a/</u>						
	1960	70	15.0	1,050	ton	63	66,200
Melons							
Cantaloupe	1961	30,000	6.6				
	1960	25,000	6.7				
Fresh	1961			198,000	ton	85	16,830,000
	1960			167,000	ton	95	15,865,000
Frozen	1961			321	ton	18	5,780
	1960			440	ton	26	11,400

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE, 1961 (cont'd)

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Melons (cont'd)							
Casaba	1961	120	7.8	936	ton	\$ 100	\$ 93,600
	1960	165	11.3	1,860	ton	46	85,600
Cranshaw	1961	250	5.5	1,380	ton	114	157,300
	1960	260	6.0	1,560	ton	93	145,000
Honeydew	1961	625	6.7	4,190	ton	100	419,000
	1960	448	11.3	5,060	ton	49	247,900
Persian	1961	225	7.1	1,600	ton	79	126,400
	1960	208	12.0	2,500	ton	54	135,000
Watermelons	1961	1,200	12.0				
	1960	1,750	18.0				
Fresh	1961			14,400	ton	27	388,800
	1960			31,200	ton	28	873,600
Frozen	1961			200	ton	25	5,000
	1960			310	ton	30	9,300
Mustard greens	1961 <u>a/</u>						
	1960	50	6.0	300	ton	70	21,000
Onions							
Dry	1961	375	13.0	4,880	ton	96	468,500
	1960	465	13.0	6,050	ton	60	363,000
Green	1961	575	12.0	6,900	ton	145	1,000,500
	1960	550	13.0	7,320	ton	153	1,120,000
Peppers							
Bell	1961	225	6.0	1,350	ton	150	202,500
	1960	180	7.9	1,420	ton	199	282,600
Chili	1961	65	5.0	325	ton	148	48,100
	1960	100	5.0	500	ton	108	54,000
Potatoes	1961	2,570	13.8	35,500	ton	30	1,065,000
	1960	2,870	10.5	30,100	ton	60	1,806,000
Radishes	1961	225	5.6	1,260	ton	100	126,000
	1960	220	6.0	1,200	ton	75	90,000
Romaine	1961	250	10.0	2,500	ton	56	140,000
	1960	145	16.0	2,320	ton	66	153,100

Fresno County

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE, 1961 (cont'd)

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Spinach							
Frozen	1961 <u>a/</u>						
	1960	120	5.0	600	ton	\$ 25	\$ 15,000
Squash							
Summer	1961	300	8.4	2,520	ton	166	418,300
	1960	450	7.8	3,510	ton	113	396,600
Winter	1961	40	4.8	192	ton	100	19,200
	1960	50	7.2	360	ton	125	45,000
Sweet potatoes	1961	650	2.8				
	1960	670	2.8				
Canned	1961			360	ton	40	14,400
	1960			400	ton	40	16,000
Fresh	1961			1,710	ton	190	324,900
	1960			1,480	ton	194	287,100
Tomatoes							
Cherry	1961	80	22.0	1,760	ton	185	325,600
	1960	60	22.5	1,350	ton	189	255,200
Regular	1961	480	19.2	9,220	ton	208	1,917,800
	1960	400	16.8	6,720	ton	190	1,276,800
Turnips	1961	65	11.0	715	ton	82	58,600
	1960	65	3.0	195	ton	67	13,100
Other veg.	1961	495		3,100	ton		219,000
	1960	250		1,500	ton		112,500
Total	1961	40,105					\$ 25,073,380
	1960	36,225					24,700,900

a/ Listed under "Other Vegetables"

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE, 1961

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Almonds	1961	1,338	0.80	1,070	ton	\$ 500	\$ 535,000
	1960	1,313	0.47	617	ton	500	308,500
Apples	1961 <u>a/</u>						
	1960	117	0.25	29	ton	133	3,860
Apricot	1961	561	3.00				
	1960	465	4.00				
Canned	1961			620	ton	75	46,500
	1960			920	ton	70	64,400
Dried	1961			100	ton	500	50,000
	1960			113	ton	520	58,800
Fresh	1961			433	ton	135	58,500
	1960			186	ton	120	22,300
Frozen	1961			50	ton	60	3,000
	1960			76	ton	70	5,320
Bushberries	1961	212	5.76				
	1960	272	3.66				
Fresh	1961			100	ton	472	47,200
	1960			168	ton	444	74,600
Processed	1961			1,122	ton	465	522,000
	1960			828	ton	280	232,000
Figs	1961	13,484					
	1960	13,584					
Dry pack	1961		1.00	5,280	ton	270	1,426,000
	1960		1.00	4,510	ton	273	1,231,000
Dry paste	1961		1.00	10,700	ton	270	2,896,000
	1960		1.00	9,020	ton	273	2,462,000
Fresh	1961		3.50	400	ton	155	68,200
	1960		3.00	330	ton	108	35,600
Grapes, All <u>b/</u>	1961	151,297					
	1960	149,820					
Raisin var.	1961	130,020					
	1960	126,610					
Canned	1961		6.50	22,623	ton	65	1,471,000
	1960		9.00	21,270	ton	55	1,170,000

Fresno County

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE, 1961 (cont'd)

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Grapes (cont'd)							
Raisin varieties							
Crushed	1961		9.2	283,844	ton	\$ 40	\$ 11,354,000
	1960		9.7	297,787	ton	32	9,529,000
Dried	1961		1.9	155,164	ton	285	44,222,000
	1960		1.9	146,525	ton	259	38,468,000
Fresh	1961		11.4	86,935	ton	130	11,302,000
	1960		6.9	95,717	ton	138	13,210,000
Table var.	1961	12,511					
	1960	13,655					
Fresh	1961		5.4	53,368	ton	136	7,258,000
	1960		6.0	65,185	ton	133	8,670,000
Crushed	1961		5.4	14,185	ton	40	567,000
	1960		6.0	17,328	ton	33	572,000
Wine var.	1961	8,766					
	1960	9,555					
Crushed	1961		6.7	51,094	ton	53	2,710,000
	1960		6.1	50,911	ton	42	2,138,000
Fresh	1961		6.7	7,631	ton	120	916,000
	1960		6.1	2,571	ton	115	296,000
Grapefruit	1961	18	10.1	182	ton	55	10,000
	1960	18	11.6	209	ton	100	20,900
Lemons	1961	121	8.0				
	1960	115	11.1				
Fresh	1961			716	ton	126	90,210
	1960			702	ton	130	91,260
Processed	1961			252	ton	35	8,820
	1960			561	ton	24	13,460
Nectarines	1961	4,292	7.0				
	1960	4,068	5.1				
Dried	1961			20	ton	300	6,000
	1960			20	ton	300	6,000
Fresh	1961			30,044	ton	179	5,378,000
	1960			20,173	ton	164	3,308,000

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE, 1961 (cont'd)

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Nectarines (cont'd)							
Processed	1961			533	ton	\$ 74	\$ 39,500
	1960			437	ton	70	30,600
Olives	1961	1,101	1.8				
	1960	1,104	4.0				
Canned	1961			1,480	ton	224	332,000
	1960			3,533	ton	203	717,200
Oil	1961			485	ton	30	14,600
	1960			857	ton	60	51,400
Others	1961			18	ton	130	2,340
	1960			26	ton	100	2,600
Oranges, All	1961	3,731					
	1960	3,597					
Navel	1961	3,006	5.0				
	1960	2,900	9.0				
Fresh	1961			14,483	ton	192	2,781,000
	1960			23,944	ton	145	3,472,000
Processed	1961			547	ton	30	16,400
	1960			2,003	ton	45	90,100
Valencia	1961	725	5.2				
	1960	697	8.6				
Fresh	1961			3,041	ton	187	568,700
	1960			5,207	ton	139	724,000
Processed	1961			729	ton	47	34,300
	1960			736	ton	60	44,200
Misc.	1961	62	13.0	800	ton	141	112,800
	1960	64	15.3	979	ton	108	105,700
Peaches, All	1961	13,444					
	1960	12,287					
Clingstone	1961	1,252	11.5				
	1960	727	11.0				
Fresh	1961			18	ton	170	3,060
	1960			48	ton	139	6,670
Processed	1961			14,380	ton	67	963,500
	1960			7,949	ton	55	437,200

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE, 1961 (cont'd)

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Peaches (cont'd)							
Freestone	1961	12,192	9.0				
	1960	11,560	8.5				
Canned	1961			15,300	ton	\$ 40	\$ 612,000
	1960			15,229	ton	36	548,200
Dried	1961			1,450	ton	400	580,000
	1960			2,000	ton	380	760,000
Fresh	1961			71,513	ton	137	9,797,000
	1960			68,563	ton	143	9,805,000
Frozen	1961			2,620	ton	47	123,200
	1960			2,828	ton	40	113,100
Pecans	1961	48	.3	14.4	ton	580	8,350
	1960	48	.3	14	ton	580	8,120
Persimmons	1961	52	5.5	286	ton	195	55,770
	1960	47	4.9	230	ton	205	47,150
Plums	1961	5,189	5.4				
	1960	5,264	3.8				
Canned	1961			280	ton	8	2,240
	1960			0			
Fresh	1961			26,900	ton	255	6,859,500
	1960			19,724	ton	256	5,049,300
Frozen	1961			840	ton	9	7,560
	1960			279	ton	12	3,350
Pomegranates	1961	162	4.0	648	ton	173	112,100
	1960	149	6.2	924	ton	152	140,500
Prunes							
Fresh	1961	100	8.0	800	ton	220	176,000
	1960	102	5.0	510	ton	170	86,700
Strawberries	1961	155	7.2				
	1960	135	6.1				
Fresh	1961			1,116	ton	468	522,300
	1960			742	ton	480	356,200
Frozen	1961			0			
	1960			75	ton	306	22,950

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE, 1961 (cont'd)

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Walnuts	1961	2,158	.45	971	ton	400	\$ 427,200
	1960	1,992	.50	996	ton	460	458,200
Miscellaneous	1961 a/	153					24,550
	1960	11					16,410
Totals	1961	197,678					\$ 115,121,400
	1960	194,572					105,087,850

a/ Miscellaneous includes almond hulls, apples, avocados, cherries, mushrooms, pears, pistachio nuts, and dried prunes.

b/ "Grapes" have been revised in method of reporting from 1960.

Fresno County

NURSERY PRODUCTS: PRODUCTION AREA, SALES, AND VALUE, 1961

Item	Year	Production area		Quantity sold by producers	Unit	Value	
		House sq. ft.	Field acres			Per unit	Total
Citrus							
Grapefruit							
Marsh	1961		.10	600	tree	\$2.50	\$ 1,500
	1960		.10	800	tree	2.50	2,000
Lemons							
Eureka	1961		.10	1,000	tree	2.50	2,500
	1960		.50	3,000	tree	2.50	7,500
Lisbon	1961		.10	800	tree	2.50	2,000
	1960		.50	3,250	tree	2.50	8,130
Orange							
Navel							
Washington	1961		15.00	118,275	tree	2.50	295,700
	1960		11.00	108,100	tree	2.50	270,300
Robertson	1961		.25	1,200	tree	2.50	3,000
	1960		0.00				
Frost Nucellar	1961		1.25	10,500	tree	2.50	26,300
	1960		0.00				
Valencias							
Regular	1961		.25	1,805	tree	2.50	4,510
	1960		1.50	14,700	tree	2.50	36,800
Olinda	1961		4.00	32,900	tree	2.50	82,300
	1960		0.00				
Campbell	1961		1.00	8,005	tree	2.50	20,000
	1960		0.00				
Satsuma	1961		.25	2,000	tree	2.50	5,000
	1960		.20	1,700	tree	2.50	4,250
Seedlings	1961	100		8,000	plant	.10	800
	1960	2,000		150,000	plant	.10	15,000
Tangerines							
Dancy	1961		.10	500	tree	2.50	1,250
	1960		.10	600	tree	2.50	1,500

NURSERY PRODUCTS: PRODUCTION AREA, SALES, AND VALUE, 1961 (cont'd)

Item	Year	Production area		Quantity sold by producers	Unit	Value	
		House sq. ft.	Field acres			Per unit	Total
Citrus (cont'd)							
Kumquats	1961		.05	150	tree	\$ 2.50	\$ 375
	1960		.03	200	tree	2.50	500
Limes	1961		.10	250	tree	2.50	625
	1960		0.00				
Deciduous Fruit trees							
Figs							
Calimyrna	1961		1.00	3,000	tree	.75	2,250
	1960		1.50	2,000	tree	.75	1,500
Conadria	1961		.50	1,500	tree	.75	1,125
	1960		1.50	2,500	tree	.75	1,880
Peach (June buds)							
Babcock	1961		0.00				
	1960		1.00	3,000	tree	.40	1,200
Grapevines							
Grenache	1961		1.00	20,000	per M	55.00	1,100
	1960		4.00	60,000	per M	50.00	3,000
Muscat	1961		0.00				
	1960		4.00	60,000	per M	50.00	3,000
Thompson	1961		7.00	140,000	per M	55.00	7,700
	1960		26.00	409,500	per M	50.00	20,500
1613	1961		1.00	20,000	per M	55.00	1,100
	1960		2.00	27,000	per M	50.00	1,350
1613 (Cert.)	1961		.05	600	per M	200.00	120
	1960		0.00				
Miscellaneous	1961		.50	10,000	per M	55.00	550
	1960		0.00				
Vegetable Plants							
Hot Beds							
Tomatoes, peppers	1961	6,100		410,000	per M	5.00	2,050
	1960	6,000		400,000	per M	5.00	2,000

NURSERY PRODUCTS: PRODUCTION AREA, SALES, AND VALUE, 1961 (cont'd)

Item	Year	Production area		Quantity sold by producers	Unit	Value	
		House sq. ft.	Field acres			Per unit	Total
Vegetable plants (cont'd)							
Special group							
Tomato, pepper	1961	65,000		1,426,667	plant	\$.03	\$ 42,800
	1960	50,000		1,170,000	plant	.03	35,100
Hot Beds							
Yams	1961		3.0	4,464,000	per M.	4.00	17,900
	1960		2.0	2,976,000	per M.	4.00	11,900
Ornamental Trees & Shrubs							
Trees, shade	1961		.5	3,500	tree	1.50	5,250
	1960		.5	1,500	tree	1.25	1,880
Ornamentals	1961	0					
	1960	34,450		93,600	plant	.50	46,800
Bedding plants							
Pansies, field grown	1961		1.0	5,500	per	1.50	8,250
	1960		2.5	7,500	flat	1.75	13,120
Bedding plants general	1961	40,000		12,000	per	2.00	24,000
	1960	0			flat		
Herbaceous perennials							
Hibiscus, Phlox, Clematis, etc.	1961	700		2,500	plant	.60	1,500
	1960	3,000		10,000	plant	.50	5,000
Indoor decorative plants							
Saintpaulia	1961	8,000		16,000	plant	.50	8,000
	1960	7,000		7,500	plant	.50	3,750
Pothas, Peperomia, Philodendron, Chinese evergreen, etc.	1961	17,500		34,000	plant	.25	8,500
	1960	16,700		25,750	plant	.25	6,440
Cactus & Succulents	1961	1,000		1,200	plant	.25	300
	1960	1,000		1,250	plant	.25	310

Fresno County

NURSERY PRODUCTS: PRODUCTION AREA, SALES, AND VALUE, 1961 (cont'd)

Item	Year	Production area		Quantity sold by producers	Unit	Value	
		House sq. ft.	Field acres			Per unit	Total
Bulbs, Rhizomes	1961		1.00	1,500	lb.	\$.10	\$: 150
Roots, etc.	1960	500	1.50	2,500	lb.	.18	.450
Propagative Materials							
Citrus Budwood							
Frost Nucellar	1961		1.00	225,000	plant	.10	2,250
	1960		0.00				
Grape Cuttings (Calif. State Certified)							
Emperor & Ribier	1961		1.00	9,000	plant	.10	900
	1960		0.00				
Pits (Nemaguard)	1961		5.00	345,000	plant	.03	10,350
	1960		.50	200,000	plant	.03	6,000
Cut Flowers							
Chrysanthemum	1961		.25	1,000	bunch	1.25	1,250
Pom Pom	1960		.75	6,320	bunch	.75	4,740
Gladiolus	1961		.50	1,500	dozen	1.00	1,500
	1960		.25	1,050	dozen	.75	790
Dahlias	1961		.38	6,200	bloom	.05	310
	1960		.25	6,000	bloom	.05	300
Daffodils]	1961		.25	100	dozen	.05	50
	1960		0.00				
Christmas Trees	1961			10,000	tree	1.00	10,000
	1960			11,000	tree	1.00	11,000
Total	1960	138,400	47.48				\$605,115
	1961	120,650	62.18				\$527,990

Fresno County

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE, 1961

Item	Year	Production		Unit	Value	
		No. of head	Total liveweight		Per unit	Total
Cattle & Calves						
Beef						
Breeding stock						
Registered	1961	1,218		head	\$490.00	\$ 596,800
	1960	1,037		head	500.00	518,500
Common	1961	3,760		head	320.00	1,203,200
	1960	3,607		head	300.00	1,082,100
Feeders	1961	69,880	279,520	cwt.	25.00	6,988,000
	1960	70,469	232,447	cwt.	24.00	5,578,800
Slaughter stock						
From feed lots	1961	201,551	705,430	cwt.	26.00	18,341,200
	1960	175,460	582,689	cwt.	26.00	15,149,900
From other sources	1961	11,026	110,260	cwt.	15.00	1,653,900
	1960	9,054	90,540	cwt.	15.00	1,358,100
Dairy						
Breeding stock	1961	7,300		head	225.00	1,642,500
	1960	7,000		head	235.00	1,645,000
Cull stock	1961	9,300	102,300	cwt.	15.00	1,534,500
	1960	7,544	75,440	cwt.	14.65	1,105,200
Milk stock						
Calves	1961	42,600	127,800	cwt.	24.60	3,143,900
	1960	43,800	131,400	cwt.	24.30	3,193,000
Cows	1961	4,320		head	186.00	803,500
	1960	4,156		head	180.00	748,100
Sheep and lambs						
Slaughter stock						
Lambs	1961	62,400	56,160	cwt.	16.55	929,500
	1960	53,270	47,943	cwt.	18.87	904,700
Sheep	1961	16,600	26,560	cwt.	4.16	110,500
	1960	15,220	24,352	cwt.	4.83	117,700
Hogs and pigs						
Breeding stock	1961	62		head	84.00	5,210
	1960	82		head	96.00	7,870

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE, 1961 (cont'd)

Item	Year	Production		Unit	Value	
		No. of head	Total liveweight		Per unit	Total
Hogs and pigs (cont'd)						
Feeders	1961	1,533	1,194	cwt.	\$19.00	\$ 22,700
	1960	8,049	7,110	cwt.	19.00	135,100
Slaughter stock	1961	3,218	10,532	cwt.	18.00	189,600
	1960	2,729	5,886	cwt.	18.00	106,000
Horses and mules						
Work stock	1961	1,237		head	139.50	173,000
	1960	1,384		head	150.00	207,600
Recreational stock	1961	841		head	171.00	144,000
	1960	941		head	184.00	173,100
Broilers and fryers	1961	4,213,030	14,745,605	lb.	.16	2,359,300
	1960	4,002,617	13,539,536	lb.	.18	2,437,100
Other chickens	1961	572,500	2,862,500	lb.	.10	286,300
	1960	828,017	4,140,085	lb.	.10	414,000
Chicks						
Broiler type	1961	2,520,340		each	.14	352,900
	1960	2,463,024		each	.15	369,500
Egg type	1961	780,000		each	.42	327,600
	1960	816,444		each	.40	326,600
Turkeys	1961	3,608,771	68,566,650	lb.	.18	12,342,000
	1960	2,885,000	59,810,000	lb.	.265	15,850,000
Turkey poults						
Breeding	1961	700,000		each	.80	560,000
	1960	0				
Meat	1961	750,000		each	.571	428,300
	1960	850,000		each	.578	491,300
Pigeons	1961	11,930	14,912	lb.	.75	11,180
	1960	10,630	13,288	lb.	.755	10,030
Pheasants	1961	9,600	33,600	lb.	.95	31,920
	1960	4,560	15,960	lb.	.94	15,000
Misc. poultry	1961	204		each	1.00	204
	1960	140		each	1.00	140
Rabbits	1961	10,372	36,812	lb.	.24	8,840
	1960	14,863	59,452	lb.	.26	15,460
Totals	1961					\$54,190,550
	1960					51,959,900

Fresno County

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE, 1961

Crop	Year	Production	Unit	Value	
				Per Unit	Total
Milk					
Market	1961	3,201,000	cwt.	\$4.06	\$12,996,000
	1960	3,017,861	cwt.	4.17	12,584,500
Manufacturing	1961	572,000	cwt.	3.22	1,841,800
	1960	730,066	cwt.	3.11	2,270,500
Wool	1961	965,400	lb.	.40	386,200
	1960	684,900	lb.	.41	280,800
Eggs					
Chicken					
Market	1961	21,945,835	doz.	.33	7,242,000
	1960	21,249,000	doz.	.34	7,224,700
Hatching	1961	28,033	doz.	.85	23,800
	1960	16,666	doz.	.85	14,170
Turkey					
Hatching	1961	6,756,000	each	.25	1,689,000
	1960	9,844,632	each	.25	2,461,000
Misc.	1961	1,187	cwt.		24,840
	1960	0			
Totals	1961				\$24,203,640
	1960				\$24,835,670

JANUARY 1 INVENTORIES OF LIVESTOCK & POULTRY (In Number of Head)

Item	January 1, 1961	January 1, 1962
Cattle and Calves		
All	243,700	251,400
Milk cows 2 years and over	46,000	46,500
Cattle and calves on feed	40,570	62,200
Sheep and Lambs		
All	129,270	145,400
Stock sheep	76,100	83,000
Hogs and Pigs	5,800	2,670
Horses and Mules	3,600	3,420
Hens and pullets of laying age	1,180,000	1,145,000
Turkey breeder hens	138,000	112,600

Fresno County

APIARY PRODUCTS: PRODUCTION AND VALUE, 1961

Item	Year	Production total	Unit	Value	
				Per unit	Total
Honey	1961	3,151,137	lb.	\$.11	\$ 346,600
	1960	2,883,584	lb.	.10	288,400
Beeswax	1961	52,515	lb.	.42	22,100
	1960	48,060	lb.	.41	19,700
Pollination *					
Alfalfa seed	1961	32,100	colony	4.14	132,900
	1960	18,500	colony	4.00	74,000
Almond	1961	7,600	colony	1.40	10,650
	1960	1,700	colony	1.25	2,130
Plum	1961	5,000	colony	1.47	7,350
	1960	1,900	colony	1.25	2,380
Cantaloupes	1961	15,400	colony	3.50	53,900
	1960	0			
Totals	1961				\$ 573,500
	1960				386,610

* Reflects only the bees registered in Fresno County.
(Actual 187,000 Colonies of bees in County during summer months)

MISCELLANEOUS AGRICULTURAL COMMODITIES: PRODUCTION & VALUE, 1961

Item	Year	Production total	Unit	Per unit	Total
Chinchillas <u>a/</u>	1961	157	each	50.00	\$ 7,350
	1960	168	each	50.00	8,400
Totals	1961				\$ 7,350
					8,400

a/ Indicates breeding stock sold only.

SIX YEAR COMPARISON STUDY OF CROP VALUES IN FRESNO COUNTY

	1956	1957	1958	1959	1960	1961
Field Crops	\$151,385,950	\$158,452,355	\$150,485,320	\$162,923,520	\$167,971,200	\$153,435,330
Seed Crops	10,523,880	12,393,950	12,676,060	12,980,830	13,324,000	12,121,080
Vegetable Crops	17,834,120	22,109,730	18,383,550	22,387,770	24,700,900	25,073,380
Fruit & Nut Crops	94,275,760	108,928,760	123,953,220	127,063,560	105,087,850	115,121,400
Nursery Products	231,030	330,810	517,290	489,100	527,990	605,110
Livestock & Poultry	56,035,010	56,692,250	63,920,370	64,118,280	76,795,570	78,394,190
Apiary	661,210	661,890	1,062,120	248,060	386,610	573,500
Miscellaneous	-----	-----	-----	-----	8,400	7,350
Grand Total	\$330,946,960	\$359,569,745	\$370,997,930	\$390,211,120	\$388,802,520*	\$385,381,340

* 1960 data revised due to information gained after the publication of the 1960 Annual Crop Report and not possible to obtain prior to issue date. Considerably increased cotton yield is primarily responsible for change.

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1962

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L. D. McCORKINDALE
Commissioner

P. O. BOX 801
FRESNO, CALIFORNIA

1730 S. MAPLE AVE.
PHONE AD 3-2181

April 19, 1963

Charles Paul, Director
California Department of Agriculture
and
The Honorable Board of Supervisors
County of Fresno

Sloan P. McCormick, Chairman
Henry J. Andreas George E. Malm
Norman S. Foley Floyd Olsen

Gentlemen:

As shown by the total crop value of all agricultural products in Fresno County, the year 1962 exceeds all others on record. Because of the considerable increase over any prior year the statistics contained herein have been carefully checked and evaluated. We have endeavored to cover all phases of agriculture in the County to obtain as realistic figures as possible.

One of the interesting features of the 1962 crop year was a complete survey of the fruit, nut and vine crops in Fresno County by personnel of the California Crop and Livestock Reporting Service of the State Department of Agriculture, with the Agricultural Commissioner cooperating. For the first time in the State the survey was conducted by using aerial photographs in searching out each property to be reported. Results of this survey are shown in brief on the last page of this report.

As in prior years this annual report has been made possible only because of the wonderful cooperation from the people concerned with the many agricultural commodities produced in the County, and due to the painstaking efforts of my staff in the Agricultural Commissioner's Office. I gratefully acknowledge the assistance I have received from the many producers consulted, the growers' associations contributing to this report, the Farm Advisor's office, the A.S.C. office, the various food processors, the beekeepers, and to all of the other individuals and organizations contributing knowledge which was used in making up this record.

Once again it must be emphasized that this crop report deals with the gross value of agricultural products and not the net return to the farmer.

Section 65.5 of the California Agricultural Code requires that an Agricultural Commissioner shall compile reports of the condition, acreage, production, and value of the agricultural products in his county.

Respectfully submitted,

L. D. McCorkindale
Agricultural Commissioner

WHAT IT COSTS TO MARKET FARM FOODS

The farm food marketing bill in the United States was \$41.4 billion in 1961, the latest figure available. It has risen by almost three-fourths since 1950. Increases in quantity of food products marketed, and more and costlier marketing services per unit of product have contributed almost equally to the rise.

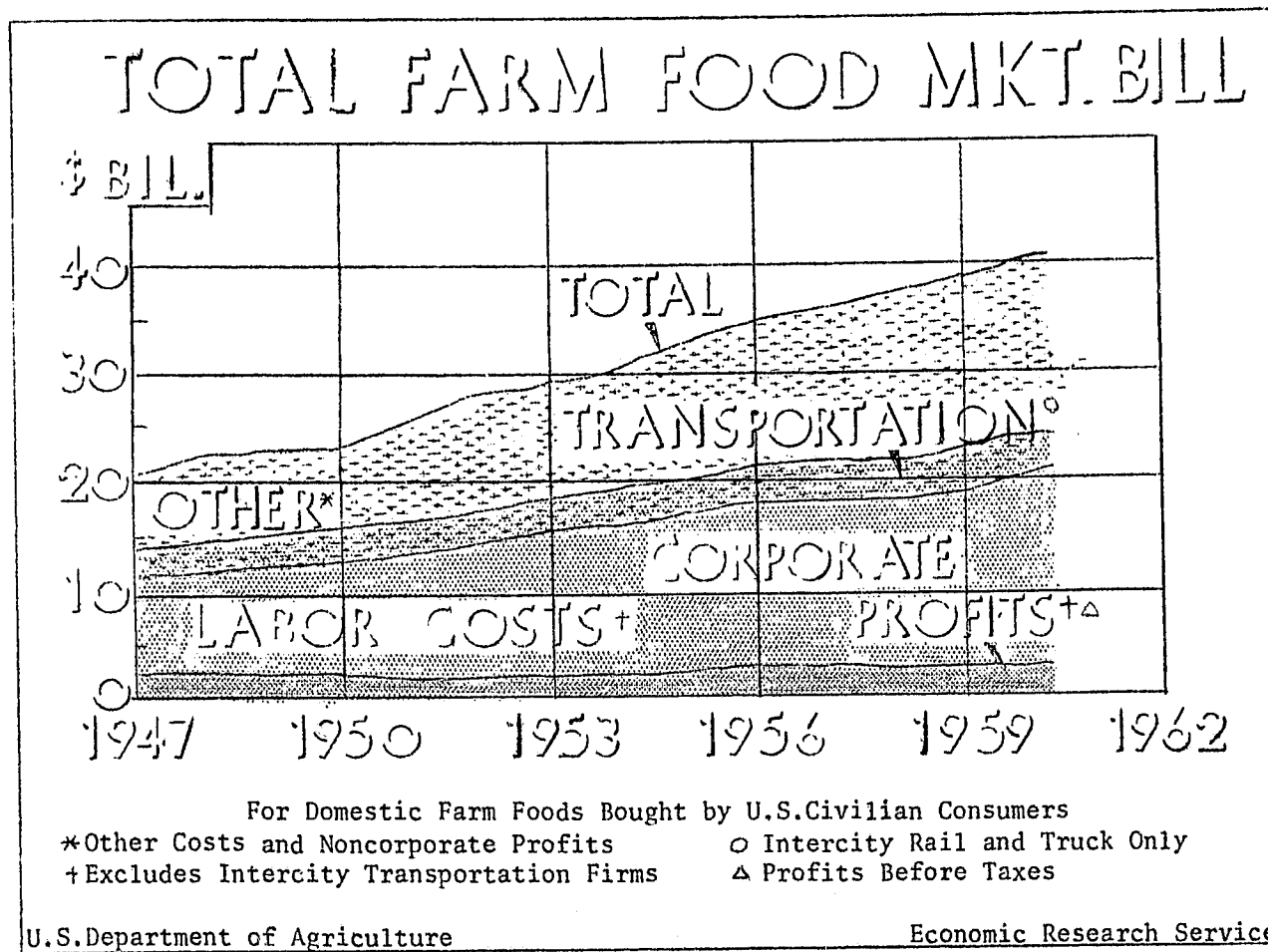
The marketing bill is the estimated total cost of assembling, transporting, processing, wholesaling, and retailing domestic farm-grown foods bought by civilian consumers in this country.

Labor costs are the largest single component. They were estimated at \$19 billion in 1961, a rise of 60 percent since 1950. Factors in the increase were about three parts greater volume marketed and two parts higher unit labor costs which reflect rising wage rates and supplements.

Transportation charges by railroads and motor carriers were over \$4 billion in 1961. They increased by two-thirds from 1950 to 1961. Higher rates, increased volume, and longer hauls all played a part.

While the total marketing bill has increased by almost three quarters since 1950, other costs, as a group, have doubled, and the individual items of rent, depreciation, and interest have tripled or nearly so.

The preceding statements clearly indicate some of the reasons why the farmer's share of the consumer's food dollar has steadily diminished since 1950.



AGRI-LITES OF 1962

For the first time in the history of Fresno County the gross value of all agricultural products passed the \$400,000,000 mark for a total of \$413,572,210. This considerably exceeds the next closest year of 1959 of \$390,211,120. It is well to repeat that this reflects the gross value of the agricultural products and does not reflect the net income to the producers involved.

Specifically, the increase can be attributed primarily to cotton with a jump of \$10,000,000 over 1961. A long dry fall and excellent harvesting conditions were principally responsible for the excellent yield.

Grapes with its various products was the other primary crop responsible for the 1962 increase in gross value. Here almost \$13,000,000 was reflected in the 1962 figures over 1961. Major markups in other crops included large increases in Safflower and Beef Cattle.

Weatherwise 1962 started off with unusual conditions. February, as an example, was the wettest February in Fresno's recorded history. The average temperatures for the month were one and one-half degrees below normal. The total sunshine for February was only 41 per cent of the maximum possible. Generally, however, weather conditions for most of the year were conducive to good plant production as exemplified by the heavy yields in the major producing crops.

Yields were up in grain crops because of the ample spring rainfall and more irrigated land. Sheep men paid less money to alfalfa growers for winter pasture because of the adequate forage on non-farmed lands.

Because of the tremendous increase in Safflower acreage from approximately 7,000 to 58,000 acres, the value of the crop increased from approximately one-half million dollars in 1961 up to near the seven million dollar figure in 1962. Further reasons for the great increase in acreage were new varieties introduced, better cultural practices, and a higher guaranteed price to the producer.

Sugar beet acreage and total value were down in 1962 because an unfavorable crop year and exceptionally hot weather conditions in 1961 caused crop damage and a resultant pessimistic outlook on the part sugar beet growers. Per ton returns, however, were much better in 1962 than in 1961.

Although prices for certified alfalfa seed were generally up in 1962 over the previous year, producers had not yet gained confidence in the crop as shown by the 17,000 acre reduction in plantings. Of course, the land vacated by certified alfalfa was replaced by safflower and other crops. Low yields of certified alfalfa seed in recent years can be charged in part to lower prices received and insufficient water applied if it was needed on other crops such as cotton. Principal reasons for the gross value of seed crops being more than \$2,000,000 under last year were caused by land being planted to more attractive crops such as safflower, and the generally smaller profits realized from seed crops in recent years, and because of the competition with certified alfalfa from higher paying crops.

Noticeable gains in values were experienced in such vegetable crops as cabbage, sweet corn, cucumbers, watermelon, peppers, radishes, and romaine. Hot weather during the summer of 1961 had decreased yields in some of these vegetable crops and 1962 figures more nearly indicated a normal crop year.

Agri-Lites of 1962 - continued

Cantaloupes, the major vegetable crop for Fresno County, had an almost two and one-half million dollar drop in value due to the low price received per ton. Because of this lower price some fields were picked only once, thus reducing the volume moved to market. Except for watermelons, other miscellaneous melons generally were marketed at lower prices and subsequent decreased gross values are shown. An approximate three and one-half million dollar decrease in all vegetable crops is shown for 1962 when compared with 1961.

Fruit and nut crop totals in value showed a substantial ten and one-half million dollar gain over 1961. As explained previously this was primarily due to grape products. Almonds were down in yield and up in price. Low yields were attributed to irregular sets of nuts on the tree and a larger proportion of the bearing acreage being young trees with lower yields.

The 1962-63 survey of fruit crops in Fresno County indicated an increase of more than 4,000 acres of all bearing grapes, primarily in the raisin variety category. A substantial increase in the "fresh" classification of raisin grapes is primarily due to progressive changes in the utilization of these varieties. Fresh shipments of both muscats and Thompsons are on the increase, particularly an increase in volume of muscats being packed for eastern shipments resulting in the greater tonnage under the "fresh" classification.

Grape crush percentages also showed a substantial increase over those of 1961 as result of the allocation of a larger portion of the Thompson crop into these channels. Raisin yields were generally down from 1961. However, yields from vineyards harvested last during the season produced larger yields and consequently tended to offset lower yields before early September.

Average rates for table grapes showed a substantial increase for 1962. This was largely due to better prices received for Ribiers, Khandahars, Italias, Cardinals, and other table varieties.

Most varieties of wine grapes were up in yield from 1961. Large allocations into "crush" resulted in considerable reduction in demand and prices paid for wine grapes. Some increase was noted in the tonnage of wine varieties going into fresh shipments.

Dried nectarine production increased and prices were up due to dried peaches being in somewhat short supply. This resulted in more nectarines being dried and marketed under favorable demand.

The Valencia orange crop suffered heavy frost damage in late February. This resulted in a large percentage of Valencias going to by-products. This accounts for the considerable decrease in value of fresh shipments.

Bearing acreage of all peaches was reduced by more than 2,800 acres as result of the 1962-63 fruit tree survey. Generally new acreage of peaches coming into full production in the future will probably result in a substantial yield increase. Many marginal orchards are being pulled and this tends to boost the yields per acre. Clingstone peach bearing acreage showed a substantial increase as result of the survey. Yields are also steadily increasing as new orchards come into full production. Free-stone peach acreage was reduced by more than 3,000 acres. Yields were slightly up. Dried peaches were in short supply and prices were up.

Agri-Lites of 1962 - continued

Plum yields were about the same as 1961 but acreage increased somewhat.

All nursery products experienced nearly a \$100,000 jump from 1961. A good many items were responsible for this, but primarily increases were shown in bedding plants, "Frost Nucellar" types of orange trees in the navel variety, the Olinda strain in Valencia orange trees, the Satsuma Mandarin orange, Thompson grape vines, and vegetable plants such as tomatoes and peppers. Of interest is a large decrease in plantings of Washington navel oranges, which are being replaced by the Frost Nucellar type. This is caused by the trend toward planting nursery stock resistant to the Quick Decline virus disease of citrus on certain other root stocks.

Livestock and poultry advanced in gross value more than \$8,000,000 over 1961 totals. As indicated previously, this increase is primarily due to beef cattle sold from feed lots. An interesting increase in recreational stock as far as horses and mules are concerned was shown with a resultingly larger decrease for 1962 in work stock. Livestock and poultry production totals remain essentially the same as last year.

Fresno County
Climatology and Geography

Almost in the center of California, Fresno County stretches for approximately 150 miles across the San Joaquin Valley.

Many extremes are found from one end of the County to the other, as indicated below:

Highest elevation (High Sierras on East)	14,254 ft.
Lowest elevation (flat lands in West)	120 ft.
Transition in Life Zones range from Sonoran to Alpine	
Rainfall (maximum, including heavy snows in mountains)	60 inches
Rainfall (minimum in semi-arid West portion)	7 inches
Approximate average yearly rainfall for County	9.5 inches
Average maximum temperatures	76.3°
Average minimum temperatures	50.1°
Mean temperature	63.2°
January temperatures - range	38° to 54°
July temperatures - range	65° to 99°
Growing season - average	292 days

There are approximately 8,340 farms in the County averaging 274 acres in size.

Approximately 200 crops may be grown in Fresno County. About 60% of the land area is in farms.

Land Uses

Total Cropland	1,321,050 acres
Irrigated land (1,245,360 acres)	
Non-irrigated land (75,690 acres)	
Pasture and Range land	570,000 acres
Other land	75,000 acres
Urban and built-up areas	68,000 acres
Water areas (40 acres or more)	6,000 acres
Forest and woodland	296,000 acres
Federal land	1,481,000 acres
Total acreage in Fresno County	3,817,050 acres

References and Sources:

California Blue Book
California Soil and Water Conservation Needs Inventory
U. S. 1959 Agricultural Census
U. S. Weather Bureau, Fresno Air Terminal

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE - 1962

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Barley	1962	280,500	1.80	504,900	ton	\$45.39	\$ 22,917,410
	1961	282,000	1.70	479,400	ton	45.00	21,573,000
Beans, dry edible	1962	7,500	.90	6,750	ton	178.00	1,201,500
	1961	10,000	1.50	15,000	ton	175.00	2,625,000
Corn	1962	13,000	2.40	31,200	ton	40.00	1,248,000
	1961	12,000	2.20	26,400	ton	51.00	1,346,400
Cotton lint	1962	202,995	2.40	487,190	bale	169.00	82,335,110
	1961	207,900	2.03	422,040	bale	171.00	72,168,840
Cotton seed	1962			194,880	ton	51.00	9,938,880
	1961			169,000	ton	54.00	9,126,000
Hay							
Alfalfa	1962	136,500	7.50	1,023,750	ton	22.20	22,727,250
	1961	135,000	7.70	1,039,500	ton	22.00	22,869,000
Grain	1962	8,700	2.62	22,790	ton	19.30	439,850
	1961	2,500	1.00	2,500	ton	19.00	47,500
Other, tame	1962	400	1.00	400	ton	16.30	6,520
	1961	350	1.10	385	ton	19.00	7,320
Wild	1962	800	1.00	800	ton	16.10	12,880
	1961	700	1.00	700	ton	20.00	14,000
Oats	1962	1,100	1.00	1,100	ton	36.00	39,600
	1961	750	.90	675	ton	30.00	20,250
Pasture & Range							
Alfalfa <u>a/</u> stubble	1962	220,000			acre	3.50	770,000
	1961	216,000			acre	5.00	1,080,000
Barley & <u>a/</u> wheat stubble	1962	175,000			acre	1.70	297,500
	1961	180,000			acre	2.00	360,000
Cantaloupe <u>a/</u>	1962	24,000			acre	3.50	84,000
	1961	22,000			acre	5.00	110,000
Irrigated pasture	1962	65,000			acre	72.00	4,680,000
	1961	61,000			acre	72.00	4,392,000
Native range	1962	1,550,000			acre	1.95	3,022,500
	1961	1,560,000			acre	1.95	3,042,000

FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE - 1962 (Cont'd)

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Rice	1962	20,691	2.30	47,590	ton	\$ 94.60	\$ 4,502,010
	1961	20,700	2.20	45,540	ton	96.00	4,371,840
Safflower	1962	58,000	1.25	72,500	ton	95.00	6,887,500
	1961	7,128	.75	5,350	ton	86.00	460,100
Screenings							
Alfalfa & cereal	1962			6,158	ton	15.00	92,370
	1961			2,618	ton	21.97	57,520
Silage							
Corn	1962	6,200	15.00	93,000	ton	6.00	558,000
	1961	6,500	15.00	97,500	ton	6.00	585,000
Sorghum	1962	3,500	22.00	77,000	ton	6.00	462,000
	1961	3,000	25.00	75,000	ton	5.50	412,500
Other	1962	800	15.00	12,000	ton	5.00	60,000
	1961	1,200	22.00	26,400	ton	5.00	132,000
Sorghum grain	1962	26,000	2.00	52,000	ton	41.00	2,132,000
	1961	28,000	2.00	56,000	ton	41.50	2,324,000
Straw <u>a/</u>	1962	51,000	1.00	51,000	ton	8.00	408,000
	1961	52,000	1.25	65,000	ton	7.00	455,000
Sugar beets	1962	6,959	21.10	146,840	ton	13.29	1,951,500
	1961	12,700	16.00	203,200	ton	13.05	2,651,760
Sunflowers	1962	2,200	.90	1,980	ton	170.00	336,600
	1961	2,000	1.00	2,000	ton	140.00	280,000
Wheat	1962	9,508	1.90	18,070	ton	66.00	1,192,620
	1961	14,456	1.80	26,020	ton	63.00	1,639,260
Misc. <u>b/</u>	1962						543,400
	1961						<u>1,281,200</u>
Totals	1962	2,870,353					\$168,847,000
	1961	2,837,884					153,431,490

a/ Not included in total acreage figures. Already shown opposite crop involved.

b/ Misc. includes Flaxseed, Canary Grass, Sesame and Sugar Cane.

SEED CROPS: ACREAGE, PRODUCTION, AND VALUE - 1962

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Alfalfa, Cert.	1962	31,508					
All	1961	48,669					
Cody	1962	1,550	403	624,650	lb.	\$.50	\$ 312,330
	1961	1,130	329	371,770	lb.	.50	185,890
Culver	1962	1,174	218	255,930	lb.	.44	112,610
	1961	None					
Du Puits	1962	1,726	247	426,320	lb.	.50	213,160
	1961	3,570	330	1,178,100	lb.	.44	518,360
F. D. 100	1962	874	140	122,360	lb.	.47	57,510
	1961	885	210	185,850	lb.	.35	65,050
Lahontan	1962	5,879	240	1,410,960	lb.	.41	578,490
	1961	8,150	281	2,290,150	lb.	.40	916,060
Moapa	1962	4,262	591	2,518,840	lb.	.40	1,007,540
	1961	6,250	489	3,056,250	lb.	.31	947,440
Narragansett	1962	598	214	127,970	lb.	.51	65,260
	1961	1,920	445	854,400	lb.	.44	375,940
Ranger	1962	12,251	390	4,777,890	lb.	.50	2,388,950
	1961	19,900	481	9,571,900	lb.	.41	3,924,480
Vernal	1962	1,249	187	233,560	lb.	.54	126,120
	1961	4,690	198	928,620	lb.	.43	399,310
Williamsburg	1962	724	358	259,190	lb.	.52	134,780
	1961	959	245	234,960	lb.	.36	84,590
Other <u>a/</u>	1962	1,221	448	547,010	lb.	.59	322,740
	1961	1,215	391	475,060	lb.	.42	199,530
Alfalfa, Common	1962	9,189					
All	1961	10,100					
California	1962	3,650	444	1,620,600	lb.	.35	567,210
Common <u>b/</u>	1961	3,510	485	1,702,350	lb.	.30	510,710
European <u>c/</u>	1962	1,659	391	648,670	lb.	.45	291,900
	1961	2,970	325	965,250	lb.	.40	386,100
Proprietary	1962	3,880	445	1,726,600	lb.	.49	846,030
	1961	3,620	332	1,201,840	lb.	.36	432,660

SEED CROPS: ACREAGE, PRODUCTION, AND VALUE - 1962 (Cont'd)

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Barley, cert.	1962	822	3,162	2,599,160	lb.	\$.035	\$ 90,970
	1961	953	2,560	2,439,680	lb.	.037	90,270
Barley, common	1962	2,827	2,922	8,260,490	lb.	.033	272,600
	1961	4,030	3,210	12,936,300	lb.	.0325	420,430
Beans, Blackeye certified	1962	None					
	1961	255	1,070	272,850	lb.	.073	19,920
Beans, common	1962	25	1,600	40,000	lb.	.08	3,200
	1961	None					
Cotton <u>d/</u>	1962	18,234	757	13,803,140	lb.	.074	1,021,430
	1961	18,400	1,000	18,400,000	lb.	.077	1,416,800
Grasses <u>e/</u>	1962	516			lb.		38,830
	1961	400			lb.		184,000
Melilotus indica	1962	200	800	160,000	lb.	.05	8,000
	1961	None					
Oats	1962	199	1,000	199,000	lb.	.04	7,960
	1961	None					
Rice, cert. <u>d/</u>	1962	959	4,501	4,316,460	lb.	.065	280,570
	1961	617	4,760	2,936,920	lb.	.064	187,960
Rice, common	1962	133	4,511	599,960	lb.	.046	27,600
	1961	171 <u>d/</u>	4,400	752,400	lb.	.057	42,890
Safflower, cert.	1962	250	2,488	622,000	lb.	.085	52,870
	1961	760	2,047	1,555,720	lb.	.065	101,120
Safflower, common	1962	887	2,399	2,127,910	lb.	.08	170,230
	1961	None					
Sudan, cert.	1962	<u>g/</u>					
	1961	40	1,090	43,600	lb.	.07	3,050
Sudan, common	1962	<u>g/</u>					
	1961	560	800	448,000	lb.	.06	26,880
Vegetable seeds <u>f/</u>	1962	420			lb.		974,770
	1961	528			lb.		627,730
Vetch, common	1962	60	687	41,220	lb.	.065	2,680
	1961	304	1,380	419,520	lb.	.06	25,170
Wheat, common <u>d/</u>	1962	15	3,333	50,000	lb.	.045	2,250
	1961	224	3,100	694,400	lb.	.045	31,250
Totals	1962	47,036					\$ 9,978,590
	1961	66,770					12,123,590

SEED CROPS: ACREAGE, PRODUCTION, AND VALUE - 1962 (Cont'd)

- a/ Includes Atlantic, Buffalo, Nomad, 525.
- b/ Includes Common and Uncertified Alfalfa.
- c/ Includes Altfranken Schmidt, Altfranken Steinbach, Arnims, Eynsford, Franck's Langmeiler, Glacier, Schlesische, Triesdorfer and Tuna.
- d/ Not included in total acreage figure. Already shown opposite crop involved in "Field Crops".
- e/ Includes Brome Grass, Fescue, Love Grass, Common and Certified Sudan, and Wimmera Ryegrass.
- f/ Includes Cabbage, Cantaloupe, Carrot, Lettuce, Mustard, Okra, Onion and Parsley.
- g/ Included under "Grasses".

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE - 1962

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Beans, snap	1962	30	4.0	120	ton	\$280	\$ 33,600
	1961	25	4.5	112	ton	360	40,320
Beans, other	1962	70	5.5	245	ton	240	58,800
	1961	50	4.0	200	ton	240	48,000
Cabbage	1962	80	17.0	1,360	ton	50	68,000
	1961	100	9.0	900	ton	56	50,400
Cauliflower Frozen	1962	a/					
	1961	340	3.8	1,290	ton	119	153,510
Chinese veg.	1962	210	14.0	2,940	ton	90	264,600
	1961	200	12.0	2,400	ton	90	216,000
Corn, sweet Fresh	1962	270	3.4	918	ton	128	117,500
	1961	200	3.5	700	ton	134	93,800
Frozen	1962	a/					
	1961	225	5.0	1,130	ton	15	16,950
Cucumbers	1962	152	10.5	1,600	ton	170	272,000
	1961	150	4.9	735	ton	107	78,650
Melons							
Cantaloupe	1962	30,500	6.1				
	1961	30,000	6.6				
Fresh	1962			186,050	ton	72	13,395,600
	1961			198,000	ton	85	16,830,000
Frozen	1962	a/					
	1961			321	ton	18	5,780
Casaba	1962	145	6.2	899	ton	76	68,320
	1961	120	7.8	936	ton	100	93,600
Cranshaw	1962	270	4.5	1,220	ton	100	122,000
	1961	250	5.5	1,380	ton	114	157,320
Honeydew	1962	583	5.6	3,270	ton	84	274,680
	1961	625	6.7	4,190	ton	100	419,000
Persian	1962	242	4.5	1,090	ton	88	95,920
	1961	225	7.1	1,600	ton	79	126,400

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE - 1962 (Cont'd)

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Melons (cont'd)							
Watermelons	1962	1,340	11.8				
	1961	1,200	12.0				
Fresh	1962			15,600	ton	\$ 30	\$ 468,000
	1961			14,400	ton	27	388,800
Frozen	1962	a/					
	1961			200	ton	25	5,000
Onions							
Dry	1962	380	12.5	4,750	ton	110	522,500
	1961	375	13.0	4,880	ton	96	468,480
Green	1962	500	12.2	6,100	ton	160	976,000
	1961	575	12.0	6,900	ton	145	1,000,500
Peppers							
Bell	1962	280	6.5	1,820	ton	160	291,200
	1961	225	6.0	1,350	ton	150	202,500
Chili	1962	65	5.1	331	ton	250	82,750
	1961	65	5.0	325	ton	148	48,100
Potatoes	1962	1,500	13.5	20,250	ton	40	810,000
	1961	2,570	13.8	35,470	ton	30	1,064,100
Radishes	1962	400	5.7	2,280	ton	108	246,240
	1961	225	5.6	1,260	ton	100	126,000
Romaine	1962	200	18.0	3,600	ton	72	259,200
	1961	250	10.0	2,500	ton	56	140,000
Squash							
Summer	1962	301	8.5	2,560	ton	146	373,760
	1961	300	8.4	2,520	ton	166	418,320
Winter	1962	100	10.0	1,000	ton	35	35,000
	1961	40	4.8	192	ton	100	19,200
Sweet Potatoes	1962	600	3.0				
	1961	650	3.2				
Canned	1962	None					
	1961			360	ton	40	14,400
Fresh	1962			1,800	ton	100	180,000
	1961			1,720	ton	190	326,800

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE - 1962 (Cont'd)

Crop	Year	Harvested acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Tomatoes							
Cherry	1962	81	21.0	1,700	ton	\$175	\$ 297,500
	1961	80	22.0	1,760	ton	185	325,600
Regular	1962	500	21.6	10,800	ton	166	1,792,800
	1961	480	19.2	9,220	ton	208	1,917,760
Turnips	1962	80	11.3	904	ton	78	70,510
	1961	65	11.0	715	ton	82	58,630
Other Veg. <u>b/</u>	1962	700		5,200	ton		424,000
	1961	<u>495</u>		<u>3,100</u>	ton		<u>219,000</u>
Totals	1962	39,579					\$21,600,480
	1961	40,105					25,072,920

a/ Listed under "Other Vegetables"

b/ "Other Vegetables" include beets, broccoli, brussel sprouts, cantaloupes (frozen), carrots, cauliflower, corn (frozen), cucumbers (processed), eggplant, lettuce, mustard greens, peas, spinach, swiss chard, tomatoes (hot house grown), and watermelons (frozen).

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE - 1962

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Almonds	1962	1,600	0.45	720	ton	\$645	\$ 464,400
	1961	1,338	0.80	1,070	ton	500	535,000
Apricots	1962	388	6.10				
	1961	561	3.00				
Canned	1962			1,650	ton	100	165,000
	1961			620	ton	75	46,500
Dried	1962			80	ton	840	67,200
	1961			100	ton	500	50,000
Fresh	1962			50	ton	200	10,000
	1961			433	ton	135	58,460
Frozen	1962			190	ton	105	19,950
	1961			50	ton	60	3,000
Bushberries	1962	229	4.91				
	1961	212	5.76				
Fresh	1962			80	ton	444	35,520
	1961			100	ton	472	47,200
Processed	1962			1,045	ton	250	261,250
	1961			1,120	ton	302	338,240
Figs	1962	12,772					
	1961	13,484					
Dry pack	1962		1.05	4,390	ton	270	1,185,300
	1961		1.00	5,280	ton	270	1,425,600
Dry paste	1962		1.05	8,890	ton	270	2,400,300
	1961		1.00	10,700	ton	270	2,889,000
Fresh	1962		4.00	381	ton	200	76,200
	1961		3.50	400	ton	155	62,000
Grapes, All	1962	155,403					
	1961	151,297					
Raisin var.	1962	134,418					
	1961	130,020					
Canned	1962		9.00	21,420	ton	55	1,178,100
	1961		6.50	22,620	ton	65	1,470,300

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE - 1962 (Cont'd)

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Grapes (cont'd)							
Raisin varieties							
Crushed	1962		7.10	278,430	ton	\$ 43	\$11,972,490
	1961		9.20	283,840	ton	40	11,353,600
Dried	1962		1.73	122,580	ton	347	42,535,260
	1961		1.90	155,160	ton	285	44,220,600
Fresh	1962		8.60	153,480	ton	150	23,022,000
	1961		11.40	86,940	ton	130	11,302,200
Table varieties	1962	11,976					
	1961	12,511					
Crushed	1962		7.80	24,490	ton	38	930,620
	1961		5.40	14,190	ton	40	567,600
Fresh	1962		6.20	54,780	ton	152	8,326,560
	1961		5.40	53,370	ton	136	7,258,320
Wine varieties	1962	9,009					
	1961	8,766					
Crushed	1962		8.77	59,260	ton	42	2,488,920
	1961		6.70	51,090	ton	53	2,707,770
Fresh	1962		8.77	19,750	ton	105	2,073,750
	1961		6.70	7,630	ton	120	915,600
Grapefruit	1962	9	4.20	38	ton	55	2,090
	1961	18	10.10	182	ton	55	10,010
Lemons	1962	120	8.50				
	1961	121	8.00				
Fresh	1962			680	ton	119	80,920
	1961			716	ton	126	90,220
Processed	1962			340	ton	43	14,620
	1961			252	ton	35	8,820
Nectarines	1962	4,185	7.40				
	1961	4,292	7.00				
Dried	1962			115	ton	420	48,300
	1961			20	ton	300	6,000
Fresh	1962			30,350	ton	173	5,250,550
	1961			30,044	ton	179	5,377,880

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE - 1962 (Cont'd)

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Nectarines (cont'd)							
Processed	1962			621	ton	\$ 80	\$ 49,680
	1961			533	ton	74	39,440
Olives	1962	900	2.48				
	1961	1,101	1.80				
Canned	1962			1,900	ton	230	437,000
	1961			1,480	ton	224	331,520
Oil	1962			330	ton	25	8,250
	1961			485	ton	30	14,550
Others	1962	a/					
	1961			18	ton	130	2,340
Oranges, All	1962	3,500					
	1961	3,731					
Navel	1962	2,906	3.70				
	1961	3,006	5.00				
Fresh	1962			10,365	ton	208	2,155,920
	1961			14,480	ton	192	2,780,160
Processed	1962			453	ton	25	11,330
	1961			547	ton	30	16,410
Valencia	1962	525	5.33				
	1961	725	5.20				
Fresh	1962			1,450	ton	174	252,300
	1961			3,040	ton	187	568,480
Processed	1962			1,320	ton	35	46,200
	1961			729	ton	47	34,260
Miscellaneous	1962	69	7.00	480	ton	127	60,960
	1961	62	13.00	806	ton	141	113,650
Peaches, All	1962	10,603					
	1961	13,444					
Clingstone	1962	1,566	13.00				
	1961	1,252	11.50				
Fresh	1962			60	ton	141	8,460
	1961			18	ton	170	3,060
Processed	1962			20,300	ton	65	1,319,500
	1961			14,380	ton	67	963,460

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE - 1962 (Cont'd)

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Peaches (cont'd)							
Freestone	1962	9,037	9.20				
	1961	12,192	9.00				
Canned	1962			10,880	ton	\$ 42	\$ 456,960
	1961			15,300	ton	40	612,000
Dried	1962			2,200	ton	480	1,056,000
	1961			1,450	ton	400	580,000
Fresh	1962			59,680	ton	142	8,474,560
	1961			71,510	ton	137	9,796,870
Frozen	1962			6,730	ton	52	349,960
	1961			2,620	ton	47	123,140
Pecans	1962	46	.27	12.5	ton	400	5,000
	1961	48	.30	14.4	ton	580	8,350
Persimmons	1962	46	4.30	198	ton	208	41,180
	1961	52	5.50	286	ton	195	55,770
Plums	1962	5,311	5.50				
	1961	5,189	5.40				
Canned	1962			385	ton	6	2,310
	1961			280	ton	8	2,240
Fresh	1962			26,540	ton	251	6,661,540
	1961			26,900	ton	255	6,859,500
Frozen	1962			2,290	ton	11	25,190
	1961			840	ton	9	7,560
Pomegranates	1962	187	6.20	1,160	ton	174	201,840
	1961	162	4.00	648	ton	173	112,100
Prunes							
Fresh	1962	101	6.00	606	ton	215	130,290
	1961	100	8.00	800	ton	220	176,000
Strawberries	1962	180	7.16	1,290	ton	433	558,570
	1961	155	7.20	1,120	ton	468	524,160
Walnuts	1962	2,038	.50	1,020	ton	400	408,000
	1961	2,158	.45	971	ton	400	388,400

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE - 1962 (Cont'd)

Crop	Year	Bearing acreage	Production		Unit	Value	
			Per acre	Total		Per unit	Total
Miscellaneous <u>a/</u>	1962	120				\$	49,810
	1961	153					26,890
Totals	1962	197,738					\$125,380,110
	1961	197,678					114,884,230

a/ Miscellaneous includes almond hulls, apples, avocados, canned figs, Greek olives, pears, pecans, pistachio nuts, dried prunes, and black walnuts.

Fresno County 1962

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Fresno County 1962 - 1965