

2015 Fresno County

Annual Crop & Livestock Report





County of Fresno

DEPARTMENT OF AGRICULTURE

LES WRIGHT

AGRICULTURAL COMMISSIONER/
SEALER OF WEIGHTS & MEASURES

Karen Ross, Secretary
California Department of Food and Agriculture

The Honorable Board of Supervisors
County of Fresno

Buddy Mendes, Chairman
Andreas Borgeas Debbie Poochigian
Brian Pacheco Henry Perea

Jean M. Rousseau,
County Administrative Officer

It is my pleasure to submit the 2015 Fresno County Agricultural Crop and Livestock Report. This report is produced in accordance with Sections 2272 and 2279 of the California Food and Agriculture Code; and summarizes the acreage, production, and value of Fresno County's agricultural products. The figures contained herein represent gross returns to the producer and not actual net profit.

The total gross production value of Fresno County's agricultural commodities in 2015 was **\$6,606,368,000** dollars. This represents a 6.55 percent decrease from the 2014 reported production value of \$7,069,436,000. The decrease may be attributed to a number of factors including no allocation of surface water over the past two years.

Nevertheless, almonds continue to be the leading agricultural commodity in Fresno County- representing 18.25% of the total crop and livestock report for 2015- with a total gross value of \$1,205,730,000. Grapes held-fast at the number two spot with a total gross production value of \$896,295,000; followed by number three- poultry with a value of \$561,146,000.

Increases were noted in *vegetable crops* (4.95% = \$59,025,000); whereas decreases were observed in multiple areas such as.... *field crops* (41.99% = \$134,995,000), *seed crops* (30.80% = \$10,437,000), *fruit and nut crops* (6.6% = \$229,551,000), *nursery products* (25.65% = \$16,088,000), *livestock and poultry* (9.44% = \$118,769,000), *livestock and poultry products* (31.38% = \$199,769,000), *apiary* (2.39% = \$1,735,000) and *industrial crops* (54.38% = \$3,992,000).

Each year, Fresno County's agricultural strength is based on the diversity of crops produced and the accurate reporting of said crops. Included in the 2015 report are nearly 400 commodities of which 62 have a value in excess of one billion dollars. Granted, individual commodities may experience difficulties from year-to-year; but overall, we continue to supply the highest-quality of food and fiber to more than 97 countries around world (*starting with the United States of America*).

We truly appreciate the many producers, processors, and agencies (both private and public) that supported our efforts in completing this report. Also, a hearty thank-you goes out to my entire staff- especially Fred Rinder, Scotti Walker, Angel Gibson, Shoua Vang-Xiong, Vera Scott-Slater and district staff. Without their hard work and valuable input this report would not be possible.

Sincerely,

Les Wright
Agricultural Commissioner/Sealer

The background of the document is a photograph of a fair booth. It features several ears of corn, including yellow and multi-colored varieties. There are also award ribbons and signs visible, such as one that says "THIRD AWARD" and another that says "FRESNO CALIFORNIA". A sign in the foreground reads "Indian Corn".

FRESNO COUNTY DEPARTMENT OF AGRICULTURE

Vision, Mission and Values

VISION

Promoting agriculture and a fair marketplace through equal enforcement of laws for the protection of society and the environment.

MISSION

We are committed to:

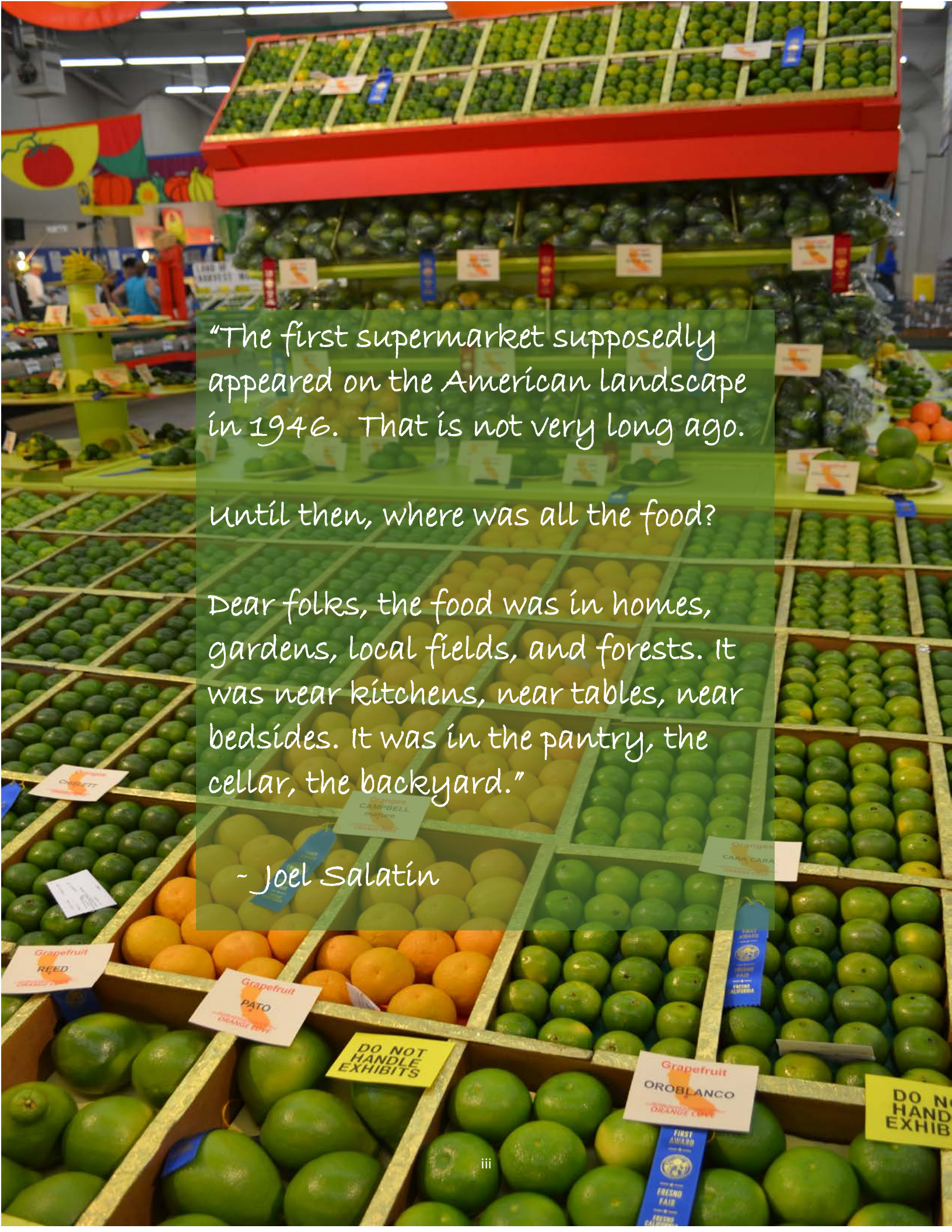
- Promoting Fresno County agriculture
- Fostering public confidence by assuring a fair and equitable marketplace
- Protecting environmental quality through the sound application of pesticide and worker safety regulations
- Preserving agricultural land use for future generations
- Minimizing the pest risk pathways of exotic and harmful pests

VALUES

In fulfilling our mission, we commit to:

- Individual and collective responsibility, integrity and accountability of our actions
- Using common sense
- Treating people with respect, consistency and fairness
- Promoting collaboration and teamwork by encouraging and supporting innovation
- Fostering successful partnerships that are consistent with our mission
- Taking pride in our work

Indian Corn



"The first supermarket supposedly appeared on the American landscape in 1946. That is not very long ago.

Until then, where was all the food?

Dear folks, the food was in homes, gardens, local fields, and forests. It was near kitchens, near tables, near bedsides. It was in the pantry, the cellar, the backyard."

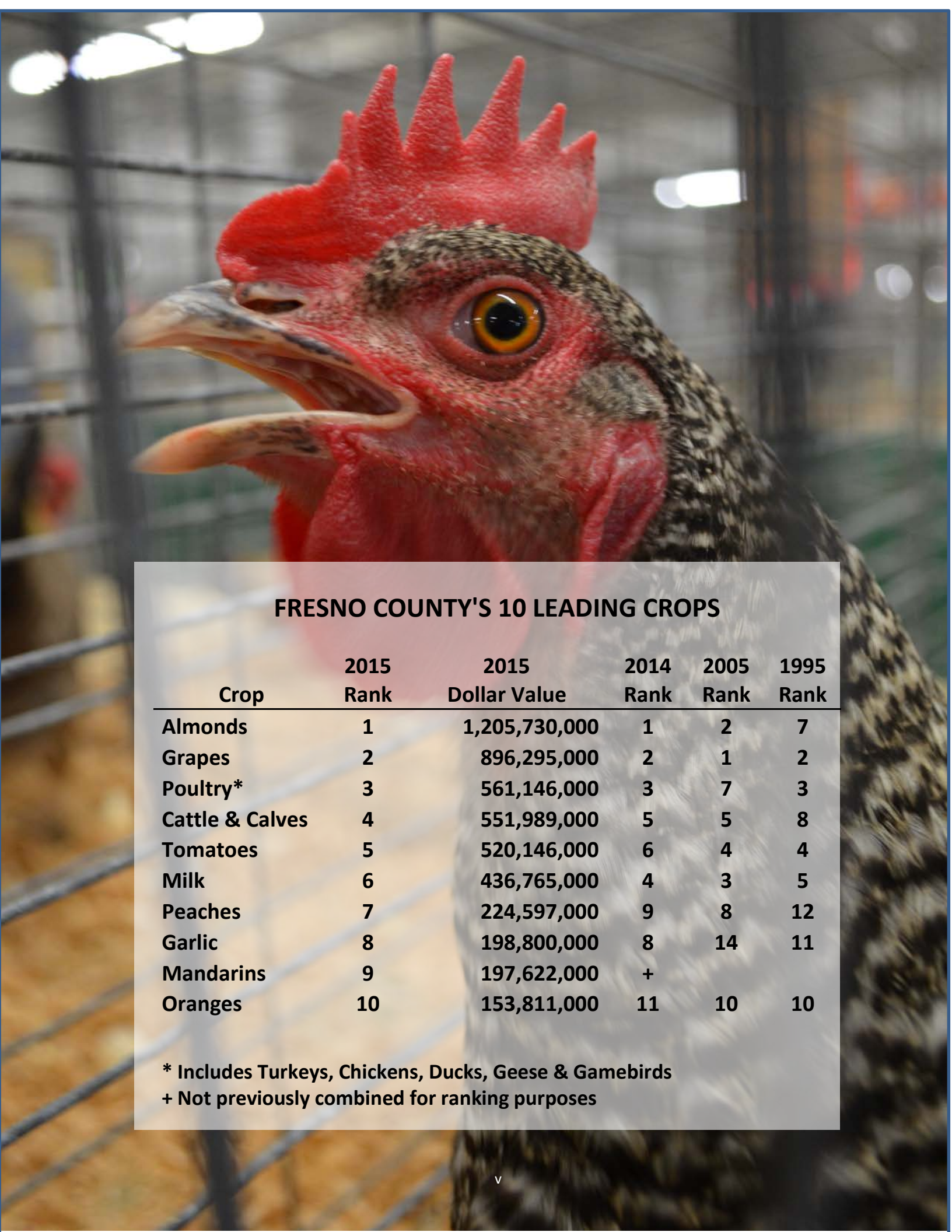
~ Joel Salatin

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This report is also available at our internet site:

<http://www.co.fresno.ca.us/fresnoag>



FRESNO COUNTY'S 10 LEADING CROPS

Crop	2015 Rank	2015 Dollar Value	2014 Rank	2005 Rank	1995 Rank
Almonds	1	1,205,730,000	1	2	7
Grapes	2	896,295,000	2	1	2
Poultry*	3	561,146,000	3	7	3
Cattle & Calves	4	551,989,000	5	5	8
Tomatoes	5	520,146,000	6	4	4
Milk	6	436,765,000	4	3	5
Peaches	7	224,597,000	9	8	12
Garlic	8	198,800,000	8	14	11
Mandarins	9	197,622,000	+		
Oranges	10	153,811,000	11	10	10

* Includes Turkeys, Chickens, Ducks, Geese & Gamebirds

+ Not previously combined for ranking purposes

2015 CROP HIGHLIGHTS

FIELD CROPS:

The total gross returns for field crops decreased by 41.99 percent, from \$321,504,000 in 2014 to \$233,758,000 in 2015. There were notable decreases in the harvested acreages of both cotton and dry beans. Cotton decreased in total value over 47 million dollars down 34.98 percent from last year as acres decreased by over 7,000 acres and the price received for Pima lint decreased by over 22 percent. Harvested acres of dry beans decreased by over 70 percent resulting in a \$1,930,000 decrease in overall value. Alfalfa hay was down over 21 million dollars with decreases in both the acres harvested as well as the price received.

SEED CROPS:

The total gross returns for all seed crops decreased by 30.8 percent to \$23,446,000 down \$10,437,000 from the 2014 total. Certified alfalfa seed decreased in total value by 34.73 percent down 6.5 million dollars from last year with decreases in both the harvested acres as well as the price per ton received. The total value of vegetable seeds including lettuce and onion decreased only slightly despite an almost 60 percent decrease in acreage. Other seeds including non-certified alfalfa and wheat were down 67.62 percent due to a substantial decrease in acres harvested.

VEGETABLE CROPS:

The total value for all vegetable crops was \$1,251,412,000 in 2015 up slightly from the 2014 value of \$1,192,387,000. Eggplant was up 66.27 percent to \$20,964,000 as the number of acres harvested more than doubled that of last year. Spring head lettuce was down 9.37 percent as harvested acres decreased, but fall head lettuce increased by over 25 percent mostly due to a \$177 per ton increase in price. The result was a 13.12 percent increase in the overall total value of head lettuce. The value of honeydew melons increased a remarkable 86.81 percent resulting from 1,560 additional acres as well as better yields and prices. Sweet corn (for human consumption) fell from \$32,300,000 in 2014 to \$16,520,000 in 2015 down 48.85 percent the lowest value in 5 years. This mainly resulted from over 1,700 fewer acres harvested as well as a \$120 per ton drop in the average price received. Squash saw a \$5,188,000 decrease in total value as the average price received by growers dropped by over 30 percent from \$958 per ton in 2014 to \$655 per ton in 2015.

FRUIT AND NUT CROPS:

Fruit and nut crops increased in total gross value by 6.6 percent, up \$229,551,000 to \$3,345,927,000. For the third year in a row almonds surpassed the billion-dollar mark and took the number one spot on Fresno County's Top Ten ranking with a total crop value of \$1,205,730,000. The total value of fresh mandarins was up by \$123,702,000 over last year with increased production along with higher prices received. Cherries had suffered from low yields in 2014 due to weather related issues. Improved yields in 2015 increased the total value of cherries by 89.37 percent to \$33,104,000. Pistachios ranked number seven in 2014, dropped out of the top ten ranking in 2015 with exceedingly low yields resulting in a \$248,515,000 decrease in value. Poor pollination as a result of the ongoing draught and other weather related issues are to blame. Pluots with an over 30 percent increase in production as well as improved prices were up 60.74 percent in total value over last year.

NURSERY:

The value of nursery products decreased by \$16,088,000 in 2015 to \$46,637,000 a decrease of 25.65 percent from 2014. Herbaceous ornamentals decreased in total value by 65.3 percent to \$3,568,000. The other category, which includes barefoot fruit trees, Christmas trees, citrus buds, grapes (rooting and cuttings), vegetable transplants, turf, and edible plants, decreased in value by 28.58 percent to \$32,280,000. Ornamental trees & shrubs increased in total value by 48.96 percent to \$10,789,000.

LIVESTOCK AND POULTRY:

The total gross returns for livestock and poultry in 2015 was \$1,139,142,000 which is a decrease of 9.44 percent from the 2014 total of \$1,257,911,000. Cattle and calves decreased in value slightly by 3.98 percent to \$551,989,000. Hogs and pigs were down 19.67% while the value of sheep and lambs held steady decreasing just over one half of one percent. The poultry and miscellaneous other category which includes chickens, turkeys, ducks, geese, gamebirds, fish, goats, vermiculture and beneficial insects decreased by \$93,405,000 a 14.25 percent decrease from last year.

LIVESTOCK AND POULTRY PRODUCTS:

The total value for livestock and poultry products decreased by \$175,298,000 or 27.27 percent to \$491,952,000. Milk decreased in total value by 31.38 percent as the price of both marketed and manufacturing milk decreased as well as a decrease in the number of dairies. The value of manure increased substantially to \$28,124,000 with spikes in both total production and price received.

APIARY PRODUCTS AND POLLINATION SERVICES:

Gross returns for apiary and pollination services were \$70,745,000 in 2015 down \$1,735,000 from 2014. Honey increased in total value by 17.28 percent due to an increase in the price received. Beeswax increased in value 88.13 percent due to a significant increase in production. The total value of all pollination services decreased slightly down 5.2 percent from the previous year.

INDUSTRIAL CROPS:

Industrial crops decreased in value 54.38 percent to \$3,349,000 from last year's value of 7,341,000. There were decreases in all areas of industrial commodities. Timber was down 61.63 percent and firewood decreased in value 18.75 percent. The other category which includes poles, posts and split products, limbs, cones, biomass, bark, wood fines, pomace, mulch, ground cover and compost was down \$2,293,000 or 50.14 percent.

FRESNO COUNTY
FIELD CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE		
			PER ACRE	TOTAL		PER UNIT	TOTAL	
Barley	2015	1,790	1.50	2,690	ton	\$ 360.00	\$ 968,000	
	2014	1,090	1.99	2,170	ton	\$ 337.00	\$ 731,000	
Beans, dry ^a	2015	1,210	1.49	1,800	ton	\$ 839.00	\$ 1,510,000	
	2014	4,390	0.95	4,170	ton	\$ 825.00	\$ 3,440,000	
Corn								
Silage	2015	26,450	23.67	626,000	ton	\$ 52.00 ^b	\$ 32,552,000	
	2014	28,100	23.10	649,000	ton	\$ 62.00 ^b	\$ 40,238,000	
Cotton								
Upland Lint	2015	6,840	1,712.00 ^c	23,400 ^d	bale	\$ 0.92 ^e	\$ 10,850,000	
	2014	7,320	1,453.00 ^c	21,300 ^d	bale	\$ 0.86 ^e	\$ 9,232,000	
Seed	2015			8,340	ton	\$ 365.00	\$ 3,044,000	
	2014			7,740	ton	\$ 365.00	\$ 2,825,000	
Pima Lint	2015	33,250	1,489.00 ^c	99,000 ^d	bale	\$ 1.24 ^e	\$ 61,871,000	
	2014	40,400	1,604.00 ^c	130,000 ^d	bale	\$ 1.60 ^e	\$ 104,832,000	
Seed	2015			39,850	ton	\$ 303.00	\$ 12,075,000	
	2014			52,000	ton	\$ 350.00	\$ 18,200,000	
Cotton Total ^f	2015	40,090					\$ 87,840,000	
	2014	47,720					\$ 135,089,000	
Hay								
Alfalfa	2015	43,500	6.76	294,000	ton	\$ 201.00	\$ 59,094,000	
	2014	52,200	6.48	338,000	ton	\$ 238.00	\$ 80,444,000	
Wheat	2015	12,200	1.62	19,800	ton	\$ 167.00	\$ 3,307,000	
	2014	9,190	4.07	37,400	ton	\$ 209.00	\$ 7,817,000	
Other ^g	2015	3,440	2.75	9,460	ton	\$ 133.00	\$ 1,258,000	
	2014	10,600	2.01	21,300	ton	\$ 169.00	\$ 3,600,000	

FRESNO COUNTY

FIELD CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE			
			PER ACRE	TOTAL		PER UNIT	TOTAL		
Pasture and Range									
Rangeland Grazing	2015	840,000			acre	\$	17.00	\$	14,280,000
	2014	840,000			acre	\$	17.00	\$	14,280,000
Wheat									
Grain	2015	13,800	2.62	36,000	ton	\$	282.00	\$	10,152,000
	2014	9,950	3.49	34,700	ton	\$	268.00	\$	9,300,000
Silage	2015	9,590	15.79	151,000	ton	\$	50.00	\$	7,550,000
	2014	8,960	18.23	163,000	ton	\$	55.00	\$	8,965,000
Other ^h	2015	33,010						\$	15,247,000
	2014	33,390						\$	17,600,000
Total	2015	1,025,080						\$	233,758,000
	2014	1,045,590						\$	321,504,000

a Includes black eye, garbanzo

b Field price

c Pounds of lint per acre

d 500 pounds lint per bale

e Price per pound, 504 pounds gross weight per bale

f Does not include cotton seed for planting

g Includes hay from: oats, sudangrass, wheatgrass and winter forage

h Includes corn grain, cotton by-products, field stubble (includes acres not included in total field crop acreage), irrigated pasture, oat grain, rice (grain and bran), safflower, silage (alfalfa, barley, oat, sorghum, triticale, and winter forage), straw, triticale grain; **ORGANIC:** oat hay, rice



FRESNO COUNTY

SEED CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE			
			PER ACRE	TOTAL		PER UNIT		TOTAL	
Alfalfa Certified	2015	5,940	633	3,760,000	lb	\$	3.29	\$	12,370,000
	2014	7,930	766	6,074,000	lb	\$	3.12	\$	18,951,000
Vegetable ^a	2015	630						\$	9,617,000
	2014	1,570						\$	10,426,000
Other ^b	2015	988						\$	1,459,000
	2014	2,620						\$	4,506,000
Total	2015	7,558						\$	23,446,000
	2014	12,120						\$	33,883,000

a Cabbage, lettuce (head & leaf), and onion

b Alfalfa non-certified and wheat



FRESNO COUNTY

VEGETABLE CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE		
			PER ACRE	TOTAL		PER UNIT	TOTAL	
Asparagus	2015	1,730	3.69	6,384	ton	\$ 2,785.00	\$	17,780,000
	2014	2,110	2.66	5,610	ton	\$ 3,110.00	\$	17,447,000
Broccoli	2015	4,041	7.92	32,000	ton	\$ 441.00	\$	14,112,000
	2014	3,320	7.56	25,100	ton	\$ 431.00	\$	10,818,000
Corn, Sweet	2015	3,359	8.78	29,500	ton	\$ 560.00	\$	16,520,000
	2014	5,080	9.35	47,500	ton	\$ 680.00	\$	32,300,000
Eggplant ^b	2015	1,050	20.38	21,400	ton	\$ 967.00	\$	20,694,000
	2014	670	20.90	14,000	ton	\$ 889.00	\$	12,446,000
Garlic								
Fresh/Processed	2015	18,280	7.65	140,000	ton	\$ 1,420.00	\$	198,800,000
	2014	18,830			ton	*	\$	202,710,000
Head Lettuce								
Naked				8,600	ton			
Wrapped				31,100	ton			
Bulk				9,100	ton			
Spring	2015	2,980	16.38	48,800	ton	\$ 400.00	\$	19,520,000
Season Total	2014	3,590	16.13	57,900	ton	\$ 372.00	\$	21,539,000
Naked				8,500	ton			
Wrapped				38,900	ton			
Bulk				15,100	ton			
Fall	2015	3,400	18.38	62,500	ton	\$ 765.00	\$	47,813,000
Season Total	2014	3,030	21.32	64,600	ton	\$ 588.00	\$	37,985,000
Head Lettuce	2015	6,380		111,300			\$	67,333,000
Totals	2014	6,620		122,500			\$	59,524,000
Lettuce Leaf ^c								
	2015	3,610	11.52	41,587	ton	\$ 959.00	\$	39,882,000
	2014	4,730	8.44	39,900	ton	\$ 747.00	\$	29,805,000



FRESNO COUNTY
VEGETABLE CROPS

			PRODUCTION			VALUE		
CROP	YEAR	HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL	
Melons								
Cantaloupe ^a	2015	11,200	20.27	227,000	ton	\$ 361.00	\$	81,947,000
	2014	11,600	21.38	248,000	ton	\$ 303.00	\$	75,144,000
Honeydew	2015	5,800	21.08	122,000	ton	\$ 455.00	\$	55,510,000
	2014	4,240	17.88	75,800	ton	\$ 392.00	\$	29,714,000
Mixed Melons ^d	2015	1,600	15.88	25,400	ton	\$ 460.00	\$	11,684,000
	2014	2,410	12.90	31,100	ton	\$ 393.00	\$	12,222,000
Watermelon ^g	2015	3,490	25.19	87,900	ton	\$ 125.00	\$	10,988,000
	2014	2,610	20.62	53,800	ton	\$ 228.00	\$	12,266,000
Melon Total	2015	22,090					\$	160,129,000
	2014	20,860					\$	129,346,000
Onions								
Fresh/Processed ⁺⁺	2015	17,750	19.55	347,000	ton	\$ 270.00	\$	93,690,000
	2014				ton	*	\$	88,794,000
Oriental Vegetables ^e	2015	950	10.84	10,300	ton	\$ 1,551.00	\$	15,975,000
	2014	1,110	9.46	10,500	ton	\$ 915.00	\$	9,608,000
Pepper, Bell ^a	2015	720	20.68	14,900	ton	\$ 862.00	\$	12,844,000
	2014	830	19.04	15,800	ton	\$ 612.00	\$	9,670,000
Pepper, Chill ^a ⁺	2015	1,008	18.88	19,030	ton	\$ 1,096.00	\$	20,857,000
	2014				ton			
Squash ^f	2015	830	13.01	10,800	ton	\$ 655.00	\$	7,074,000
	2014	750	17.07	12,800	ton	\$ 958.00	\$	12,262,000



FRESNO COUNTY
VEGETABLE CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE			
			PER ACRE	TOTAL		PER UNIT	TOTAL		
Tomatoes									
Standard and Cherry	2015	7,980	20.24	162,000	ton	\$	646.00	\$	104,652,000
	2014	8,740	27.57	241,000	ton	\$	499.00	\$	120,259,000
Processed	2015	97,200	52.13	5,067,000	ton	\$	82.00	\$	415,494,000
	2014	89,600	53.06	4,754,000	ton	\$	85.00	\$	404,090,000
Tomatoes Total	2015	105,180						\$	520,146,000
	2014	98,340						\$	524,349,000
Other ^g	2015	7,830						\$	45,576,000
	2014	7,410						\$	53,308,000
Total	2015	194,088						\$	1,251,412,000
	2014	187,940						\$	1,192,387,000

^a Includes fresh and processed

^b Includes Black Beauty, Black Bell, Bunching, Chinese, Filipino, Globe, Indian, Italian, Japanese, mixed and Thai varieties

^c Includes Red, Green, Butter, and Romaine varieties

^d Includes Korean and mixed unspecified varieties.

^e Includes amaranth, bamboo, bitter melon (fruit and leaf), bok choy (baby, regular and Shanghai), chayote, daikon, doan gwa, gai choy, gailon, ginger, kabocha, lambsquarter, lemon grass, lo bok, malabar, long beans, methi, moqua, mora, napa cabbage, okra leaf (saluyote), opo (fresh and processed), sinqua (ribbed & smooth), sugar peas (fruit and leaf), snow pea (fruit & leaf), sugar cane, sour leaf, taro, tatsoi, tong ho, yam (root and leaves), and yu choy

^f Includes summer and winter varieties

^g Includes arugula, avocado, succulent beans (fresh-Fava, Green Snap, Hyacinth, Jade, Winged Bean, and Yellow Wax), beets, cabbage, carrots (fresh, processed), casava, cauliflower, celery, collards, corn (processed), cucumbers, dandelion green, mustard, gourd, guar, jicama (yam beans), kale, kohlrabi, leeks, mushrooms, okra, onions (green), parsnip, peas, peanuts, pumpkins (fresh & processed), radicchio, radishes, salad mix, shallot, spinach (fresh, processed), sunchokes, Swiss chard, tomatillos, turnips, watercress; **Herbs:** basil, chive, cilantro, dill, endive, fennel, mint, oregano, parsley (fresh & dried), tarragon, thyme and sage; **ORGANIC:** asparagus, beans (succulent and dried), broccoli (fresh, processed), corn (sweet), corn (Indian), kale (processed), leaf lettuce, onion (fresh, processed), squash (summer & winter) and tomato (processing)

⁺ Not previously reported as separate item.

⁺⁺ Not previously reported as fresh/processed combined.



FRESNO COUNTY
FRUIT AND NUT CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds ^a	2015	186,229	1.00	186,000	ton	\$ 6,300.00	\$ 1,171,800,000
	2014	170,711	1.08	184,000	ton	\$ 6,792.00	\$ 1,249,728,000
Almond Hulls	2015			348,000	ton	\$ 97.50	\$ 33,930,000
	2014			326,000	ton	\$ 163.00	\$ 53,138,000
Almond Total	2015						\$ 1,205,730,000
	2014						\$ 1,302,866,000
Apples ^a	Fresh 2015	590	17.97	10,600	ton	\$ 1,359.00	\$ 14,405,000
	2014	270	16.80	4,540	ton	\$ 1,150.00	\$ 5,221,000
Apricots ^a	2015	1,407	6.68	9,400	ton	\$ 1,322.00	\$ 12,427,000
	2014	1,129	6.87	7,760	ton	\$ 1,305.00	\$ 10,127,000
Blueberries ^a	2015	808	3.51	2,840	ton	\$ 7,826.00	\$ 22,226,000
	2014	719	4.23	3,040	ton	\$ 7,373.00	\$ 22,414,000
Cherries ^a	2015	3,855	1.77	6,820	ton	\$ 4,854.00	\$ 33,104,000
	2014	3,162	0.88	2,780	ton	\$ 6,288.00	\$ 17,481,000
Lemons ^a	Fresh 2015	2,585	16.32	42,200	ton	\$ 753.00	\$ 31,777,000
	2014	2,562	11.28	28,900	ton	\$ 982.00	\$ 28,380,000
Oranges							
Navel ^a	2015	24,184	16.18				
	2014	23,514	18.02 *				
Fresh	2015			291,000	ton	\$ 477.00	\$ 138,807,000
	2014			290,000 *	ton	\$ 500.00	\$ 145,000,000 *
Processed	2015			101,000	ton	\$ 44.00	\$ 4,444,000
	2014			134,000 *	ton	\$ 53.00	\$ 7,102,000 *

FRESNO COUNTY

FRUIT AND NUT CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Valencia ^a	2015	2,577	14.18				
	2014	2,624	14.74				
	Fresh			29,300	ton	\$ 311.00	\$ 9,112,000
				33,100	ton	\$ 280.00	\$ 9,268,000
	Processed			7,240	ton	\$ 200.00	\$ 1,448,000
				5,570	ton	\$ 191.00	\$ 1,064,000
Orange Total	2015	26,761					\$ 153,811,000
	2014	26,138					\$ 162,434,000 *
Mandarin/ Tangarine ^a	2015	14,472	13.66				
	2014	14,489 *	9.98 *				
	Fresh			166,000	ton	\$ 1,184.00	\$ 196,544,000
				121,000	ton	\$ 602.00	\$ 72,842,000
	Processed ⁺			31,700	ton	\$ 34.00	\$ 1,078,000
				23,600 *	ton	\$ 30.00 *	\$ 708,000 *
Mandarin/Tangarine Total	2015	14,472					\$ 197,622,000
	2014	14,489 *					\$ 73,550,000 *
Citrus, other ^b							
	Fresh			21300	ton	\$ 419.00	\$ 8,925,000
				16800	ton	\$ 428.00	\$ 7,190,000



FRESNO COUNTY
FRUIT AND NUT CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Grapes							
Raisin	2015	122,966	9.80				
	Varieties ^a	2014	132,502	8.76			
Crushed	2015			104,000	ton	\$ 268.00	\$ 27,872,000
	2014			106,000	ton	\$ 233.00	\$ 24,698,000
Dried	2015			224,000 ^c	ton	\$ 1,600.00	\$ 358,400,000
	2014			214,000 ^c	ton	\$ 1,776.00	\$ 380,064,000
Fresh	2015			38,000	ton	\$ 1,502.00	\$ 57,076,000
	2014			36,200	ton	\$ 1,373.00	\$ 49,703,000
Juice	2015			10,800	ton	\$ 806.00	\$ 8,705,000
	2014			12,600	ton	\$ 792.00	\$ 9,979,000
Table	2015	12,057	10.71				
	Varieties	2014	12,504	10.66			
Crushed	2015			16,100	ton	\$ 222.00	\$ 3,574,000
	2014			9,710	ton	\$ 244.00	\$ 2,369,000
Fresh	2015			110,000	ton	\$ 1,811.00	\$ 199,210,000
	2014			107,000	ton	\$ 1,629.00	\$ 174,303,000
Dried	2015			650 ^c	ton	\$ 1,224.00	\$ 796,000
	2014			3,530 ^c	ton	\$ 1,500.00	\$ 5,295,000
Wine	2015	60,213	12.77				
	Varieties ^a	2014	58,712	11.24			
Crushed	2015			751,000	ton	\$ 298.00	\$ 223,798,000
	2014			643,000	ton	\$ 380.00	\$ 244,340,000
Juice	2015			18,800	ton	\$ 897.00	\$ 16,864,000
	2014			16,900	ton	\$ 849.00	\$ 14,348,000
Grape Total	2015	195,236					\$ 896,295,000
	2014	203,718					\$ 905,099,000



FRESNO COUNTY

FRUIT AND NUT CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Kiwifruit ^a	2015	656	6.25	4,100	ton	\$ 1,480.00	\$ 6,068,000
	2014	484	4.48	2,650	ton	\$ 1,229.00	\$ 3,257,000
Nectarines ^a	2015	10,309	9.03	93,100	ton	\$ 1,484.00	\$ 138,160,000
	2014	10,768	9.94	107,000	ton	\$ 1,176.00	\$ 125,832,000
Peaches							
Cling ^a	2015	1,564	17.58	27,500	ton	\$ 460.00	\$ 12,650,000
	2014	1,360	16.18	22,000	ton	\$ 382.00	\$ 8,404,000
Freestone ^a	2015	13,707	11.60	159,000	ton	\$ 1,333.00	\$ 211,947,000
	2014	13,407	9.77	131,000	ton	\$ 1,410.00	\$ 184,710,000
Peaches Total	2015	15,271					\$ 224,597,000
	2014	14,767					\$ 193,114,000
Pears, Asian ^a	2015	1,121	15.43	17,300	ton	\$ 1,467.00	\$ 25,379,000
	2014	1,164	2.34	2,720	ton	\$ 1,103.00	\$ 3,000,000
Persimmons ^a	2015	555	6.28	3,490	ton	\$ 1,606.00	\$ 5,605,000
	2014	396	4.67	1,850	ton	\$ 1,041.00	\$ 1,926,000
Pistachios ^{a, f}	2015	69,304	0.30	20,800	ton	\$ 6,239.00	\$ 129,771,000
	2014	50,387	1.06	53,400	ton	\$ 7,084.00	\$ 378,286,000
Plums ^a	2015	9,696	8.78	85,100	ton	\$ 1,332.00	\$ 113,353,000
	2014	10,760	9.76	105,000	ton	\$ 1,093.00	\$ 114,765,000
Plums, dried ^a	2015	1,225	2.03	2,490	ton	\$ 1,848.00	\$ 4,602,000
	2014	1,727	1.75	3,020	ton	\$ 2,326.00	\$ 7,025,000
Pluots ^a	2015	1,040	6.79	7,060	ton	\$ 1,441.00	\$ 10,173,000
	2014	1,060	5.05	5,350	ton	\$ 1,183.00	\$ 6,329,000
Pomegranates ^{a, e}	2015	4,605	12.12	55,800	ton	\$ 418.00	\$ 23,324,000
	2014	4,697	7.69	36,100	ton	\$ 577.00	\$ 20,840,000



FRESNO COUNTY

FRUIT AND NUT CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Walnuts	2015	8,735	1.63	14,200	\$	1,654.00	\$ 23,487,000
	2014	8,572	1.55	13,300	\$	3,016.00	\$ 40,113,000
Other ^d	2015	9,752					\$ 65,086,000
	2014	8,358					\$ 49,093,000
Total	2015	565,711					\$ 3,345,927,000
	2014	537,367 *					\$ 3,478,342,000 *

^a Acreage, production, and value are included in other fruit and nut crops: 690 acres apples (processed), 83 apricots (processed), 663 acres blueberries (processed), 6 acres grapes, raisin (canned), 2,585 acres lemons (processed), 119 acres nectarines (processed), 587 acres peaches freestone (processed); **ORGANIC**: 1,280 acres almonds, 159 acres blueberries, 2 acres cherries, 25.2 acres lemons, 2,094 acres grapes, raisin (dried), 210 acres grapes, table (fresh), 4 acres grapes, table (dried), 149 acres grapes, wine (crushed), 16.1 acres kiwis, 71.6 acres mandarins, 220 acres nectarines (fresh), 28 acres peaches, cling (processed), 3 acres peaches, cling (fresh), 319 acres peaches, freestone (fresh), 162.6 acre pears, 4.2 acres persimmons, 183.9 acres plums (fresh), 11.5 acres pluots, 82.4 acres pomegranates (fresh), 10 acres pomegranates (processed)

^b Includes citron, lime, grapefruit, pomelo and tangelo

^c Tonage is reported as dried tons

^d Includes almonds (shells, inedibles), apples (processed), apricot (dried), avocado, blackberries, blueberries (processed), boysenberries, figs (fresh, dried and substandard), grape raisin (canned), grape (leaves and raisin by-product), guava, jojoba bean, jujubes, lemons (processed), nectarine (processed), olives (oil & canned) peach (freestone-processed pecans, quince, raspberries and strawberries (fresh); **ORGANIC**: almonds (meats and hulls), apricots, blueberries, cherries, figs (fresh, dried and substandard), grape, raisin (dried), grape, table (fresh, dried), grape, wine (crushed), kiwi, lemons, mandarins, nectarines, orange navel (fresh), other citrus, peaches, cling (fresh, processed), peaches, freestone (fresh), pears, persimmons, plums, pluots, pomegranates (fresh & processed)

^e Includes fresh and processed

^f Includes conventional and organic

* Revised

+ Not previously reported as separate item.



FRESNO COUNTY

NURSERY PRODUCTS

CROP	YEAR	ACRES	QUANTITY	UNIT	VALUE
Herbaceous	2015	28	4,803,000	^b	\$ 3,568,000
Ornamentals^a	2014	55	4,502,000	^b	\$ 10,283,000
Ornamental Trees	2015	71	745,000	plants	\$ 10,789,000
and Shrubs	2014	50	811,000	plants	\$ 7,243,000
Other^c	2015	414	236,963,000	units	\$ 32,280,000
	2014	606	507,089,000	units	\$ 45,199,000
Total	2015	513			\$ 46,637,000
	2014	711			\$ 62,725,000

a Includes aquatic plants, potted plants, bedding plants, decorative plants, flats, annuals, perennials and grasses

b Includes flats, dozens, cans, seedlings and single plants and trees

c Includes bareroot fruit trees, Christmas trees, citrus (budwood and trees), grape (rootings and cuttings), vegetable transplants, and turf (in square feet)

FRESNO COUNTY

LIVESTOCK AND POULTRY

ITEM	YEAR	PRODUCTION		UNIT	VALUE		
		NO. OF HEAD	TOTAL LIVEWEIGHT		PER UNIT	TOTAL	
Cattle and Calves							
Beef							
Breeding Stock							
Common	2015	1,140		head	\$ 3,197.00	\$ 3,645,000	
	2014	1,140		head	\$ 2,836.00	\$ 3,233,000	
Registered	2015	290		head	\$ 7,935.00	\$ 2,301,000	
	2014	300		head	\$ 4,223.00	\$ 1,267,000	
Feeders	2015	24,600	128,000	cwt	\$ 176.03	\$ 22,532,000	
	2014	24,600	108,000	cwt	\$ 186.92	\$ 20,187,000	
Calves	2015	24,600	73,900	cwt	\$ 234.42	\$ 17,324,000	
	2014	24,600	73,800	cwt	\$ 244.54	\$ 18,047,000	
Slaughter Stock	2015	270,000	1,392,000 ^a	cwt	\$ 149.23	\$ 207,728,000	
	2014	257,000	1,416,000 ^a	cwt	\$ 154.93	\$ 219,381,000	
Dairy							
Breeding Stock	2015	70,900		head	\$ 1,856.00	\$ 131,590,000	
	2014	68,300		head	\$ 2,023.00	\$ 138,171,000	
Feeders	2015	56,900	327,000	cwt	\$ 137.49	\$ 44,959,000	
	2014	58,600	316,000	cwt	\$ 139.67	\$ 44,136,000	
Calves	2015	94,400	283,000	cwt	\$ 298.87	\$ 84,580,000	
	2014	89,400	268,000	cwt	\$ 320.45	\$ 85,881,000	
Cull Stock	2015	32,900	428,000	cwt	\$ 87.22	\$ 37,330,000	
	2014	33,900	441,000	cwt	\$ 101.07	\$ 44,572,000	
Cattle and Calves	2015					\$ 551,989,000	
Total	2014					\$ 574,875,000	



Cows at Organic Pastures Dairy

FRESNO COUNTY

LIVESTOCK AND POULTRY

ITEM	YEAR	PRODUCTION		UNIT	VALUE			
		NO. OF HEAD	TOTAL LIVEWEIGHT		PER UNIT	TOTAL		
Hogs and Pigs								
Market Pigs and	2015	40,500	101,000	cwt	\$	103.57	\$	10,461,000
Slaughter Stock	2014	56,300	138,000	cwt	\$	94.37	\$	13,023,000
Sheep and Lambs								
Slaughter Stock								
Lambs	2015	70,200	89,800	cwt	\$	155.00	\$	13,919,000
	2014	71,100	91,000	cwt	\$	150.78	\$	13,721,000
Sheep	2015	8,700	13,900	cwt	\$	60.00	\$	834,000
	2014	9,900	15,800	cwt	\$	60.00	\$	948,000
Poultry and	2015						\$	561,939,000
Misc. Other ^b	2014						\$	655,344,000
Total	2015						\$	1,139,142,000
	2014						\$	1,257,911,000

a Net gain

b Includes chickens (meat birds and chicks); ducks (meat birds and ducklings); fish; game birds (chukar, guinea hen, pheasant quail and squab); geese, goats (cull milk, kid and meat); insects (beneficial); turkeys (meat birds and poults); and vermiculture



FRESNO COUNTY
LIVESTOCK AND POULTRY PRODUCTS

CROP	YEAR	PRODUCTION	UNIT	VALUE		
				PER UNIT		TOTAL
Manure ^a	2015	1,140,000	ton	\$	24.67	\$ 28,124,000
	2014	631,000	ton	\$	5.79	\$ 3,653,000
Milk						
Manufacturing	2015	76,900	cwt	\$	17.39	\$ 1,337,000
	2014	35,000	cwt	\$	23.17	\$ 811,000
Market ^b	2015	27,699,000	cwt	\$	15.72	\$ 435,428,000
	2014	28,444,000	cwt	\$	22.35	\$ 635,723,000
Milk Total	2015					\$ 436,765,000
	2014					\$ 636,534,000
Other	^c 2015					\$ 27,063,000
	⁺ 2014				⁺	\$ 2,676,000
Total	2015					\$ 491,952,000
	2014					\$ 642,863,000

^a Includes cow and poultry manure

^b Includes cow milk (conventional and organic) and goat milk

^c Includes chicken, duck, and turkey commercial and hatching eggs and wool

⁺ Not previously reported in this format



FRESNO COUNTY
APIARY PRODUCTS AND POLLINATION SERVICES

ITEM	YEAR	PRODUCTION TOTAL	UNIT	VALUE		
				PER UNIT	TOTAL	
Apiary Products ^a						
Honey	2015	2,631,000	lb	\$	2.75	\$ 7,235,000
	2014	2,694,000	lb	\$	2.29	\$ 6,169,000
Beeswax	2015	466,000	lb	\$	2.79	\$ 1,300,000
	2014	214,000	lb	\$	3.23	\$ 691,000
Pollination ^b						
Seed ^c	2015					\$ 723,000
	2014					\$ 1,070,000
Trees, Fruit and Nut ^d	2015					\$ 60,407,000
	2014					\$ 63,725,000
Melon ^e	2015					\$ 949,000
	2014					\$ 732,000
Vegetable ^f	2015					\$ 131,000
	2014					\$ 93,000
Total	2015					\$ 70,745,000
	2014					\$ 72,480,000





^a Reflects bee colonies registered in Fresno County by commercial and semi-commercial beekeepers:
2015 – 64,522 colonies; 2014 – 65,751 colonies

^b Reflects value of pollination by all bee colonies located in Fresno County for pollination services during 2015

^c Alfalfa and onion

^d Almonds, apples, blueberries, cherries, kiwi, pear, plums, pluot, pomegranate and prunes

^e Cantaloupe, honeydew, watermelons and mixed melons

^f Bell pepper, cucumbers, pumpkin, and squash

FRESNO COUNTY

INDUSTRIAL CROPS

CROP	YEAR	PRODUCTION	UNIT		VALUE
Timber ^a	2015	49,801,000	board feet	\$	1,056,000
	2014	69,216,000	board feet	\$	2,752,000
Firewood	2015	1,216	cord	\$	13,000
	2014	1,607	cord	\$	16,000
Other ^b	2015			\$	2,280,000
	2014			\$	4,573,000
Total	2015			\$	3,349,000
	2014			\$	7,341,000

^a Includes government and non-government properties

^b Includes Poles, Posts & split products, limbs, cones, biomass, bark, wood fines, pomace, mulch, ground cover and compost



FRESNO COUNTY

SUSTAINABLE AGRICULTURE

2015 BIOLOGICAL CONTROL ACTIVITIES

PEST	B.C. AGENT/MECHANISM	ACTIVITY
Glassy-winged sharpshooter, <i>Homalodisca vitripennis</i>	- <i>Gonatocerus triguttatus</i> - <i>Gonatocerus morrilli</i> - <i>Gonatocerus morgani</i>	CDFA released parasitoids species and monitored for evidence GWSS egg parasitism



2015 DETECTION ACTIVITIES

<u>INSECT</u>	<u>TRAPS DEPLOYED</u>	<u>RESULTS</u>
European Grapevine Moth, <i>Lobesia botrana</i>	8748	none detected
Glassy-winged sharpshooter, <i>Homalodisca vitripennis</i>	3345	Multiple residential/commercial captures (properties treated)
Asian citrus psyllid, <i>Diaphorina citri</i>	3100	1 found (Dec 29, 2015)
Light brown apple moth, <i>Epiphyas postvittana</i>	660	none detected
Mediterranean fruit fly, <i>Ceratitis capitata</i>	671	none detected
Gypsy moth, <i>Lymantria dispar</i>	395	none detected
Oriental fruit fly, <i>Bactrocera dorsalis</i>	635	none detected (but trap/lure caught 1 peach fruit fly - <i>Bactrocera zonata</i> Sept 24, 2015)
Melon fruit fly, <i>Bactrocera cucurbitae</i>	319	none detected
Japanese beetle, <i>Popillia japonica</i>	264	none detected
Apple maggot, <i>Rhagoletis pomonella</i>	68	none detected
Western cherry fruit fly, <i>Rhagoletis indifferens</i>	21	none detected

FRESNO COUNTY

SUSTAINABLE AGRICULTURE (continued)

PEST	ACTIVITY	RESULT
Glassy-winged sharpshooter	736 - Nursery inspections 6,562 - Bulk citrus inspections	2 adults in nursery 37 adults in bulk citrus

2015 PEST ERADICATION/MANAGEMENT ACTIVITIES

ERADICATION

Spotted Knapweed - 200 acres surveyed

10 acres infested

1 plant hand pulled

Rush Skeletonweed - 1,715 acres surveyed

106.25 acres infested

2.3 net acres treated

Pink Bollworm - 40,090 cotton acres



Pink Boll Worm

Reduced tillage - 12 growers/799 acres

Plowdown non-compliance - none



Spotted Knapweed



Rush Skeletonweed

MANAGEMENT

Perennial Pepperweed - 851 acres surveyed/37 acres infested

.85 net acres treated

Hoary Cress - 30 acres surveyed

5 acres infested

1 net acre treated

Purple Starthistle - 0 acres surveyed

0 acres treated

Water Hyacinth - 1,510 acres surveyed monthly July through October

Multiple small detections

Hand harvested/disposed

Glassy-winged sharpshooter - 4,519 properties treated

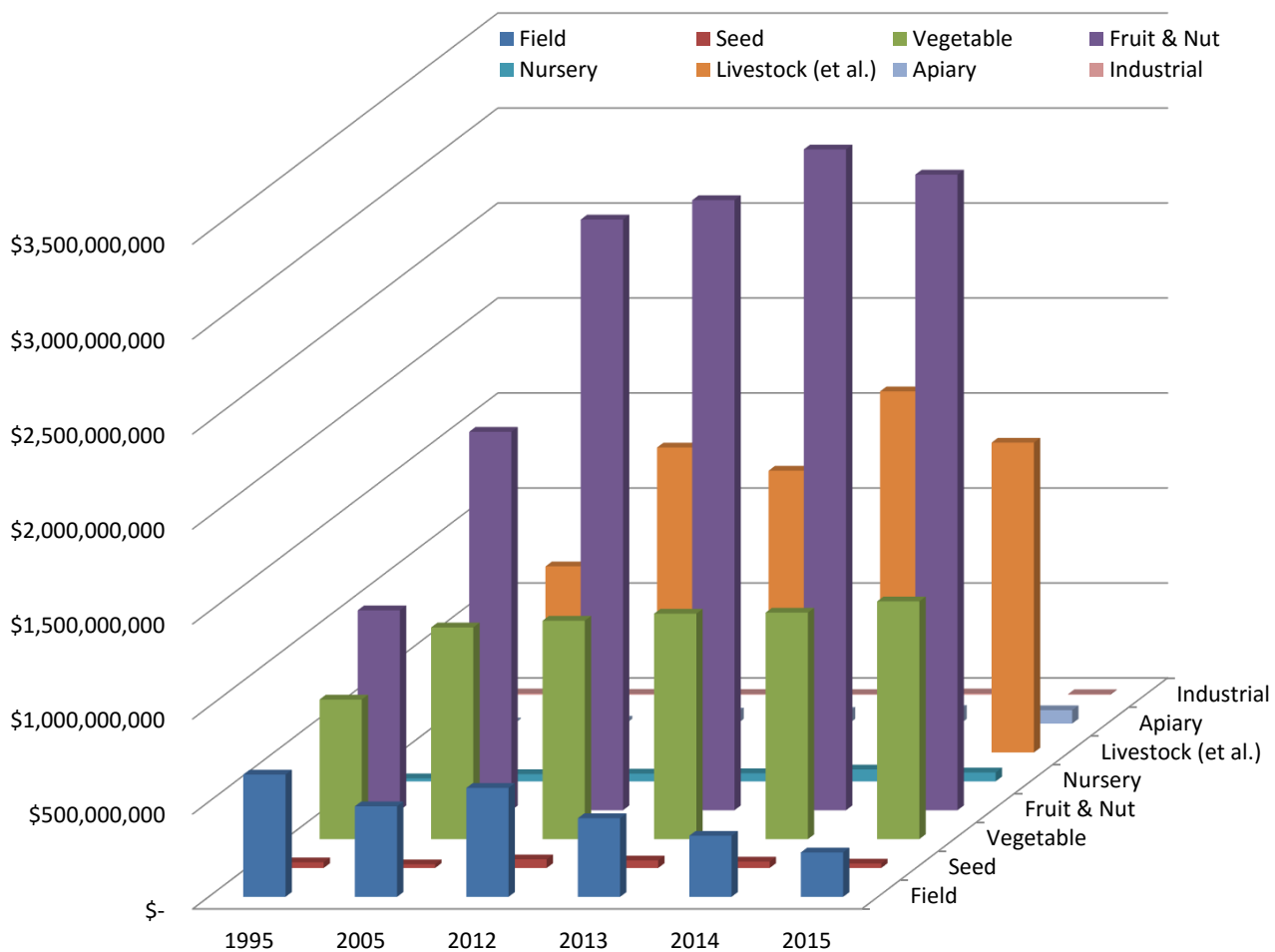


Perennial Pepperweed

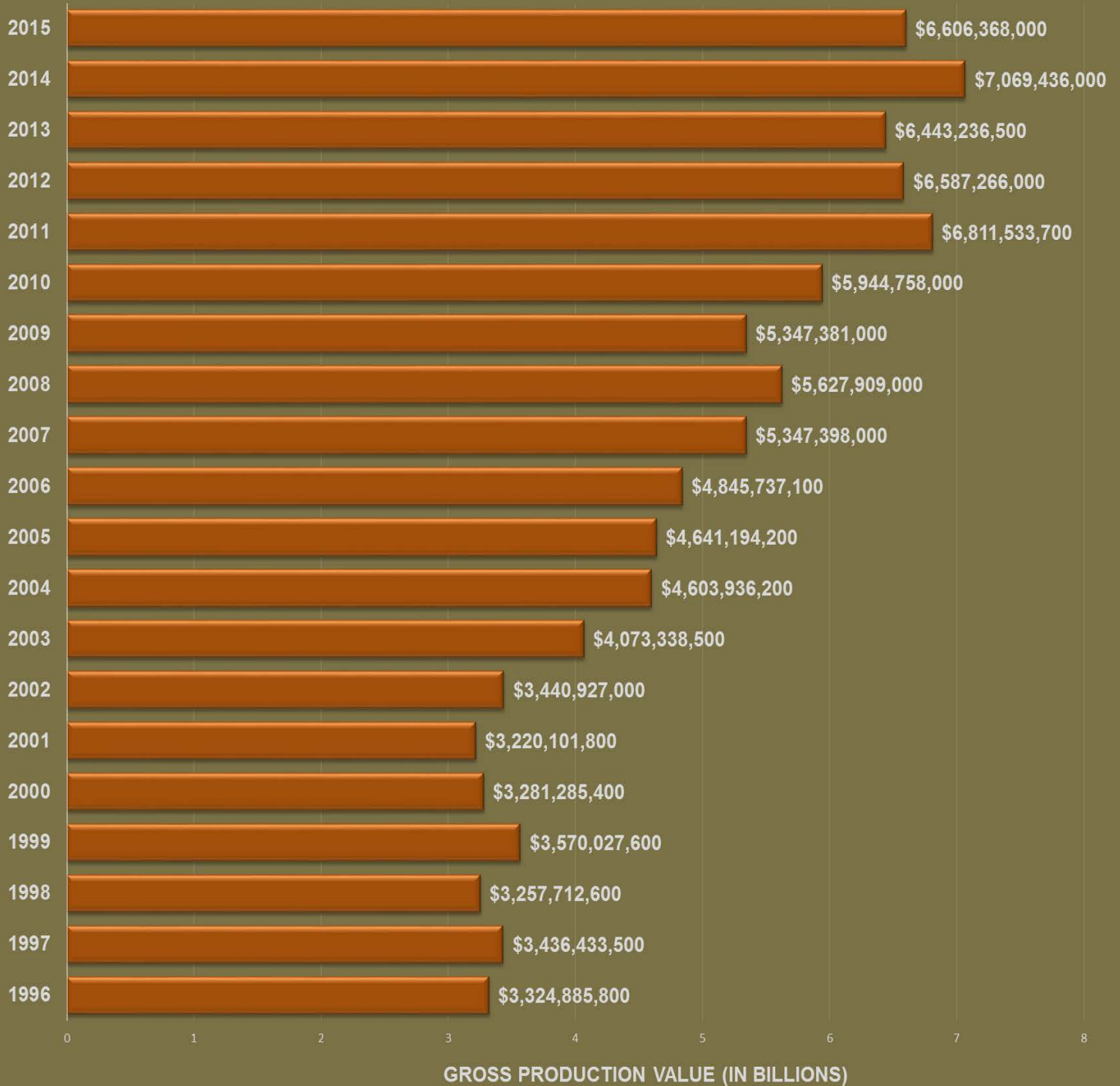
YEAR COMPARISON OF GROSS PRODUCTION VALUE IN FRESNO COUNTY

CROPS	1995	2005	2012	2013	2014	2015
Field	\$ 643,647,000	\$ 476,554,000	\$ 573,606,000	\$ 413,859,000	\$ 321,504,000	\$ 233,758,000
Seed	29,892,000	19,429,000	45,500,000	39,706,000	33,883,000	23,446,000
Vegetable	734,669,000	1,114,181,000	1,149,705,000	1,186,788,000	1,192,387,000	1,251,412,000
Fruit & Nut	1,052,081,200	1,992,093,000	3,109,233,000	3,211,562,000 *	3,478,342,000 *	3,345,927,000
Nursery	16,211,000 *	38,091,000	40,951,000	42,703,000	62,725,000	46,637,000
Livestock (et al.)	652,028,000	979,885,000	1,605,595,000	1,483,331,000	1,900,774,000	1,631,094,000
Apiary	7,020,700	15,924,200	58,294,500	61,742,000	72,480,000	70,745,000
Industrial	7,329,400	5,037,000	4,381,500	3,545,500	7,341,000	3,349,000
TOTAL	\$ 3,142,878,300 *	\$ 4,641,194,200	\$ 6,587,266,000	\$ 6,443,236,500 *	\$ 7,069,436,000 *	\$ 6,606,368,000

*Revised

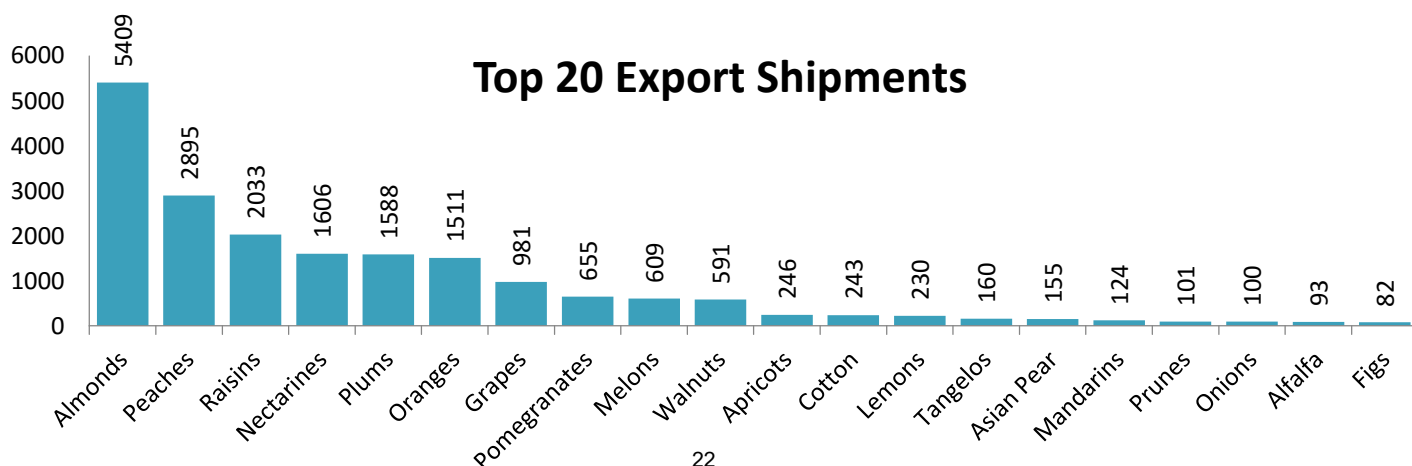


GROWTH OF FRESNO COUNTY AGRICULTURE OVER A TWENTY YEAR SPAN 1996 through 2015



2015 EXPORTS

In 2015, a total of 20,628 phytosanitary certificates were issued for 166 commodities to markets in 96 countries around the world. In addition, 5,018 acres of export seed fields were inspected and certified.



**RELATIONSHIP IN TERMS OF TOTAL VALUE
FOR 2015 CROP YEAR
\$6,606,368,000**

