



County of Fresno

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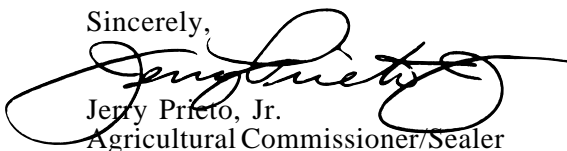
I am pleased to submit the 2007 Fresno County Agricultural Crop and Livestock Report. This annual compilation presents statistical data pertaining to the acreage, yield, and gross value of Fresno County agricultural products.

Fresno County set a new production value record in 2007 by exceeding the five billion dollar-mark for the first time! The total gross production value of Fresno County agricultural commodities in 2007 was \$5,347,398,000. This represents a 10.35 percent increase from the 2006 production value. Increases were seen in livestock, poultry, apiary production, pollination services, fruit, nut, and seed crops. Although some commodities have increased in value, others have decreased. It must be emphasized that the values presented in this report reflect gross values only and do not in any manner reflect net income or loss to producers.

The outlook of the agricultural economy is one of uncertainty. While some commodity prices have slightly increased, others have either remained stagnant or even decreased in recent years. Additionally, growers are facing ever increasing production expenses that continue to escalate. Energy, fuel, fertilizer, seed, feed, water, labor and regulatory costs are at all time highs and take a dramatic toll on the profitability of agriculture. These high production and overhead costs continue to prevent some growers from meeting financial obligations or obtaining adequate operating capital. Regardless of price, some agricultural inputs are simply not available in adequate supply when the growers need it. Federal water project delivery uncertainty has reduced the acreage of some crops on the county's Westside, while chronic labor shortages continue to plague the industry. The stark reality is that while many counties in California, including Fresno, are reporting record gross revenues from agricultural production, these increases have been more than offset by rising costs, with the net result being increased pressure on profitability. If this trend continues the residents of Fresno County, as well as all of California, should understand that the ability of Fresno County and California agriculture to produce and sustain domestic food production is threatened.

This is my final report and I extend my thanks to the many individuals, related agencies, and members of the agricultural industry for all the assistance and cooperation provided in the compilation of this report. I sincerely appreciate the professional and dedicated work performed by our staff at the Department of Agriculture; with special commendation to Deputy Agricultural Commissioner/Sealer Thomas Nyberg; Supervising Agricultural/Standards Specialist Scotti Walker; Agricultural/Standards Specialists Eileen Brooks, Deborah Dexter-Mendez, Hardip Dhillon, and Seasonal Agricultural/Standards Specialist Sofia Hernandez for their commitment to completing this report.

Sincerely,



Jerry Prieto, Jr.
Agricultural Commissioner/Sealer

FRESNO COUNTY DEPARTMENT OF AGRICULTURE

Vision, Mission and Values

VISION

To be recognized as a department that is respected for its service to the agricultural community and the general public and strives to be the best county department of agriculture in the state of California.

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 for 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

"The farmer is the only man in our economy who buys everything at retail, sells everything at wholesale, and pays the freight both ways."

John F. Kennedy
1917-1963
Thirty-fifth President
of the USA

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This report is also available at our internet site:
<http://www.co.fresno.ca.us/4010/agwelcm.htm>

FRESNO COUNTY'S 10 LEADING CROPS

Crop	2007 Rank	2007 Dollar Value	2006 Rank	1997 Rank	1987 Rank
GRAPES	1	\$ 613,710,000	1	1	2
ALMONDS	2	511,927,000	2	5	12
MILK	3	493,514,000	6	6	5
POULTRY	4	481,897,000	4	3	+
TOMATOES	5	475,057,000	3	4	4
CATTLE AND CALVES	6	339,344,000	5	7	3
COTTON	7	248,227,000	7	2	1
PEACHES	8	212,249,000	9	12	8
ORANGES	9	190,107,000	11	9	7
GARLIC	10	<u>178,508,000</u>	13	10	15
TOP TEN TOTAL		\$3,744,540,000			

+ Not previously combined for ranking purposes

2007 Highlights in Retrospect

January:

Early planted oats and wheat were emerging while land preparation for winter forage crops continued. Established alfalfa fields were in dormancy while seed alfalfa fields were being mowed. Newly planted alfalfa and sugar beet fields were being irrigated, fertilized and treated to control insects and diseases. Grape vineyard activities such as herbicide spraying, pruning, irrigating and repairing of trellis systems continued. Stone fruit, nut and pomegranate cultural practices such as irrigating, fertilizing, pruning and shredding and applying herbicides and dormant sprays were ongoing. Early in the month persimmons were still being harvested. Late in the month the first apricot orchards started blooming. Commercial broccoli, lettuce, corn, tomato, garlic and onion field land preparation was ongoing all month with early fields being irrigated, cultivated, side-dressed and treated to control insects and diseases. Many winter vegetables such as mustard, chards, spinach, kale, parsley, turnips, cilantro, dill and green onions were being harvested. Asian vegetables such as bok choy, gai choy, daikon, gailon, ongchoy, choy sum, tong ho and yu choy were being sold at farmers markets. Valencia oranges, for both juice and the fresh market, as well as mandarins, tangerines and lemons were being harvested. Bees were being brought in from various locations and overwintered in anticipation of spring pollination. Harvested alfalfa fields and retired farmland were being grazed by sheep. Feedlots were in the mid-90th percentile.

February:

Winter forage crops grew slowly until the end of the month when rain finally arrived. Triticale and wheat seed were also being drilled into the soil. Seed alfalfa fields were being mowed and irrigated. Newly planted sugar beet fields were also being irrigated, fertilized and treated to control insects, weeds and diseases. Land preparation of cotton fields was ongoing the whole month. Grape vineyard cultural activities continued. Apricot and early nectarine fields were blooming. Many winter vegetables were being harvested. Asian vegetables were being sold at farmers markets. Valencia oranges, tangerines, mandarins and tangelos were being harvested and shipped. Pruning of frost damaged limbs was occurring at the end of the month. Some beehives were being moved to almond and plum orchards and blueberry fields. Harvested alfalfa fields and retired farmland were being grazed by sheep. Regrowth of pastures and rangeland began with the rains but still remained dry. Freeze damage and loss to citrus, vegetables, field crops and nursery stock were estimated at \$111,372,449.

March:

Winter forage crops were growing well from the recent rains and the warm temperatures. Established alfalfa was regrowing after dormancy. Fall sugar beet and safflower fields were growing well. Land preparation and planting was ongoing for the cotton crop with the first plants emerging. Grapes were vigorously leafing out. Almond, pistachio, stone fruit, and pomegranate orchards were blooming with almond orchards in petal fall by the end of the month. Harvest of fall and spring vegetables was ongoing. Harvest of many kinds of citrus continued with pruning of frost damaged limbs also occurring. Bees were placed in nut, stone fruit and blueberry fields for pollination.

April:

Wheat harvest began at the end of the month with slight lodging noted on the county's west side. Alfalfa hay fields were being harvested. Rice fields were being flooded. Cotton was being planted while early planted fields were emerging. Corn grain and silage were emerging. Fall beet fields were being harvested. Grape vines were forming bunches with cultural practices ongoing. Stone fruit, nut and pomegranate orchards were

April continued:

forming fruit with fruit thinning ongoing. Apple, pear and quince were in full bloom with thinning occurring. Commercial fields of broccoli, carrots, onions and processing tomatoes were growing well. Melon planting continued. Strawberries and blueberries were being harvested while blackberries and boysenberries were blooming. Asian vegetables continued to be harvested for farmers markets. Some mandarin trees were being netted to prevent bees from pollinating them and thus forming unwanted seeds in the fruit. Bees were pollinating blooming orchards. Feedlots remained at the mid- 90th percentile all month.

May:

Barley, oats and wheat were growing well but reported slight lodging on the west side of the county. Early season winter forage and oats were being harvested. Alfalfa hay continued in the summer-long cycle of cutting, windrowing and baling. Rice had emerged above the water level and was growing well. Cotton fields were being replanted due to the high winds. Corn grain and silage were at various stages of production. Safflower was in full flower. Cultural practices continued for spring sugar beet fields. Grape vines were forming bunches. Thompson bloom ended and leaf and shoot thinning was in full force. Orchard fruit thinning was also in full swing. Cherry, peach, plum, pluot, nectarine and apricot harvests began. Apples, pears and quince were also being thinned. Spring commercial broccoli, lettuce and asparagus harvests were winding down. Blueberry and strawberry harvest continued with harvest of blackberries and boysenberries beginning at the end of the month. Many vegetables were being harvested along with Asian vegetables for farmers markets. Melon planting and tomato transplanting were picking up speed. Citrus harvest continued slowly. Olive trees were forming fruit. Bees were pollinating orchards and fields. Sheep were grazing on various fields.

June:

Barley, oats and wheat were being delivered to mills and straw being windrowed and baled. Winter forage harvest was winding down. Pasture was being cut for hay. Alfalfa fields continued their summer-long cycle. Seed alfalfa fields were being dried down in preparation for harvest. Rice, corn grain and silage growth continued. Cotton fields had emerged. Safflower was being harvested. Cultural practices continued for spring sugar beet fields. Fall beet fields were being harvested. Grape and stone fruit growers continued their cultural practices with field crews harvesting apricots, peaches, plums and nectarines. Nut development continued. Apples, pears, quince, pomegranates and persimmons were forming fruit. Figs and kiwis were growing well. Summer vegetables were being harvested along with Asian vegetables for farmers markets. Melon harvest began. Processing and fresh market tomatoes were growing vigorously. Blueberry and strawberry harvests continued. Valencia orange and lemon harvest continued while olives were forming fruit. Honeybees were busily pollinating while leafcutter bees were pollinating seed alfalfa fields. Feedlots were nearly full, while sheep grazed on a variety of fields.

July:

Wheat, barley, oats and winter forage were being harvested. Pasture was being cut for hay. Rice was growing nicely. Alfalfa fields continued to be cut, windrowed and baled while seed alfalfa was being dried down prior to harvest. Safflower was being dried down prior to harvest. Fall sugar beets were being harvested. Cotton fields were in bloom and setting bolls. Harvest continued of table and raisin grapes and many stone fruit varieties. Nut, persimmon, pomegranate, apple, pear and quince continued sizing. Brown Turkey figs were being harvested. Cantaloupe, honeydew and watermelon harvests continued. Asian vegetable harvest continued for farmers markets. Garlic and broccoli seed fields were being harvested. Valencia oranges and lemons were being harvested. Olive fruit continued to form. Honey and leafcutter bees

July continued:

were pollinating alfalfa and onion seed as well as melon, cucumber and squash. Feedlots were in the mid - 90th percentile during the month.

August:

Land preparation was ongoing for fall barley, oat and wheat. Rice fields were being dried down in preparation for harvest. Seed alfalfa was being harvested. Corn grain and silage, safflower, Sudangrass and sorghum milo were all being harvested. Fall sugar beets were also being harvested. Cotton bloom ended. Table, juice and wine grape harvests were ongoing. Zante currants, dried-on-the-vine (DOV) and other grape varieties for raisin production continued to dry with some DOV varieties being rolled by month's end. Stone fruit, pear, apple, quince, pomegranate and fig harvests continued. Almond and walnut harvests also continued. Pistachios were sizing nicely. Cantaloupe, watermelon and honeydew harvests continued at full speed. Fresh and processing tomatoes as well as sweet corn were being harvested. Commercial onion and garlic fields were being harvested. Broccoli and garlic seed fields were also being harvested. Harvest of many summer vegetables was ongoing. Asian vegetable harvest continued for sale at Farmers markets. With international market demand, many vegetables were being exported. Valencia orange harvest continued slowly. Olive fruit continued to size. Melon and seed alfalfa fields were being pollinated by honey bees and leafcutter bees. Sheep and goats were grazing on various fields.

September:

Harvested fields were being prepared for fall planted crops while rice was being harvested. Alfalfa harvest continued. Seed alfalfa harvest was complete. Corn grain and silage were in various stages of growth and harvest. Cotton fields were being defoliated or harvested. Safflower and Sudangrass fields were being harvested. Fall sugar beets were being harvested while spring beets were growing well. By the end of the month, most of the raisin harvest was complete with about half of the crop picked up. Table, wine and juice grapes, as well as dried-on-the-vine (DOV) raisins were being harvested. The almond, pistachio, walnut, apple, pear, quince, jujube and fig harvests continued. Stone fruit harvest continued, but began winding down toward the end of the month. Melon, onion and garlic harvests continued more slowly. Green pack tomato, sweet corn, bell pepper and bean harvests were ongoing. Processing tomato fields and fall broccoli and lettuce fields were growing well. Many Asian vegetables continued to be harvested for sale at farmers markets around the state. Strawberry plants were being transplanted. Exporting of fruits and vegetables remained strong. Valencia oranges were being harvested at a slower rate. Honey bees were pollinating melon, cucumber, bean and squash fields. Sheep and goats were grazing on various fields. Rangeland remained very dry and feed lot capacity was in the low 90th percentile.

October:

Barley, oat, wheat and winter forage fields were being seeded in preparation for fall rains while rice was being harvested. Alfalfa hay fields continued to be cut, windrowed and baled as growth slowed in the cooler weather. Dry bean fields were being windrowed in anticipation of harvest. Blackeye pea fields continued to mature. Corn grain and silage harvest continued. Cotton fields were in various stages of defoliation and harvest, with stalk destruction occurring in harvested fields for plowdown compliance. Safflower, Sudangrass and sorghum milo harvests continued. Fall sugar beets were being harvested while spring beets were being fertilized, irrigated, cultivated and treated to control insects, weeds and diseases. Raisin harvest was complete with 97% picked up by the end of the month. Table, wine and grape juice harvests continued at a slower rate. Almond, pistachio, walnut, persimmons, quince, pears, apples, jujubes, kiwis and figs were all being harvested. Stone fruit harvest came to an end. Melon harvest continued at a slower rate. Fall asparagus, head lettuce and pickling cucumber harvests on the west side began while onion and garlic harvest was winding down.

October continued:

Asian vegetable harvest continued for sale at farmers markets. Broccoli, carrot and strawberry fields were growing well. Valencia orange harvest slowed while early Navel harvest began. Olives and mandarins were also being harvested. Sheep and goats continued to graze on a variety of fields. Rangeland remained very dry and feed lot capacity was in the low 90 percentile. Spotty storms created rain and hail damage ranging from zero to 90 percent vegetable damage depending on location.

November:

Harvested fields of oat, barley, and wheat continued to be prepared for planting, while early plantings had emerged. Rice was harvested early in the month. Fall alfalfa growth slowed while spring alfalfa was growing well. Dry beans, blackeye peas, corn grain and silage were all being harvested. Cotton defoliation and harvest continued with approximately 88 percent plowdown compliance complete by the end of the month. Fall sugar beet harvest continued. A few table and juice grape varieties were still being harvested and shipped while the raisin harvest was 100 percent picked up by the beginning of the month. Almond, pistachio, walnut, persimmon, pomegranate, pear, quince, jujube and kiwifruit harvests continued slowly. Honeydew melon harvest ended. Fall strawberries were growing well. Commercial asparagus, head lettuce and pickling cucumber harvests continued slowly. Fall Asian vegetables and herbs were being harvested for sale at farmers markets. Navel orange, lemon, mandarin, pummelo harvests continued. The olive harvest continued. Bees were being overwintered at various locations and sheep and goats were grazing on various fields. Feedlots were in the low 90th percentile.

December:

Barley, oat, wheat, triticale and winter forage were emerging and growing nicely as were spring alfalfa and sugar beet fields. Cotton plowdown for the December 20th deadline had been met with 100 percent compliance and the December 31st deadline was at the 99.9 percent compliance. Grape vineyards, nut, stone fruit and pomegranate orchards were performing cultural practices and pruning. Persimmons continued to be harvested. Winter and Asian vegetables were being harvested for farmers markets. Commercial fields of spring broccoli, cabbage, carrots, head lettuce, garlic and onions were growing well. Strawberry fields were also maturing nicely. New blueberry bushes were being transplanted. Mandarins, lemons, pummelos and Navel oranges were being picked and packed for export. Olive trees were being pruned. Sheep were grazing on various fields and bees were being stored and fed in various locations. Feedlots were at the mid-90th percent capacity.

FIELD CROPS: The total gross returns for field crops increased by \$39,780,000 from \$437,460,000 to \$477,240,000 or 9.10 percent from 2006. Upland Acala and Non Acala cotton acreage decreased by 30.00 percent from 66,000 acres to 46,200 acres. Production of lint per acre of Upland cotton increased by 17.90 percent, while the price per pound held steady. The total value for cotton increased by \$2,956,000 or 1.21 percent, but still held at number seven on the top ten crop list. Dry beans increased in total value by 46.66 percent because of the increase of per acre yield and price. Alfalfa hay increased by a small margin of 1.53 percent in total value but had a decrease of 5,700 harvested acres or 6.81 percent. The harvested acreage of rice decreased by 25.07 percent with an accompanying drop in total value of 24.51 percent. Sugar beets increased in total value by 10.8 percent with an increase in yield of 9.03 percent as well, even though the harvested acreage had a decrease of 400 acres. Wheat also suffered a decline in harvested acreage of 17.28 percent with an increase in yield resulting in a 27.87 percent increase in total value.

SEED CROPS: Total gross returns for all seed crops decreased 0.61 percent in 2007; this was a decrease of \$153,000 from 2006 values. The value of alfalfa seed increased by 17.61 percent. The value of certified cotton seed experienced an increase of 9.45 percent, along with a decrease in total acreage and production. Vegetable seed decreased in value by 33.05 percent while other categories increased in value by 30.01 percent.

VEGETABLE CROPS: The total value for all vegetable crops was \$1,293,100,000 in 2007; this was an increase of 6.38 percent from 2006. Head lettuce acreage and total value both decreased (10.05 and 1.16 percent respectively). Asparagus acreage decreased by 0.57 percent while the total revenue increased by 0.66 percent. The fresh onion value decreased by 55.49 percent due to the price dropping by 47.06 percent and the yield per acre decreasing by 3.23 tons per acre. Tomatoes fell two places on the top ten crop list, from third to fifth. Total tomato values increased 18.13 percent, due mostly to the processed tomato value increasing by 39.05 percent. Cantaloupe values experienced an increase of 12.76 percent in value even though there was a decrease in harvested acreage (8.85 percent) due to an increase in yield per acre and price per ton.

FRUIT AND NUT CROPS: Fruit and nut crops increased in total value by 2.73 percent or \$56,083,000 from 2006 to 2007. Grapes has remained number one on the top ten crop list since 2002. Total grape value was up \$50,959,000 or 9.06 percent from 2006. The value of fresh table variety grapes decreased by 23.20 percent and the total value of fresh raisin variety grapes also decreased by 53.69 percent, while the value of dried raisins increased 30.13 percent to \$341,061,000. Almonds continued to hold the number two spot on the top ten crop list even though the total value for meats decreased by \$16,960,000. Total value of pistachios increased 10.42 percent to \$78,548,000. Fresh apple values decreased 20.99 percent while processed apple total values increased in value 180.90 percent; fresh apple production yields were down (14.19 percent) while processed apple production yields increased (85.19 percent) and harvested acreage (3.34 percent) decreased in value. Apricots total crop value and per acre production value were both up (3.03 percent and 16.79 percent respectively) even though harvested acreage decreased by 6.85 percent. Total value for fresh citrus other decreased by 62.21 percent. Total orange values increased 18.82 percent or \$30,119,000, which was due mainly to the excellent fresh price increase (46 percent). Nectarines decreased in value by \$12,872,000 or 7.47 percent from 2006. Total value of peaches increased \$19,940,000 or 10.37 percent. The fresh plum value decreased by 8.56 percent or \$12,991,000, as a result of a drop in the yield and the price per ton.

NURSERY: Nursery product sales increased 27.21 percent or \$8,466,000 in 2007. Herbaceous and ornamental products increased in value and ornamental trees and shrubs exhibited an increase in acreage and value. The other category, which includes bareroot fruit trees, Christmas trees, citrus (budwood and trees), grapes (rootings and cuttings), vegetable transplants, and turf, increased in value by 25.59 percent.

LIVESTOCK AND POULTRY: The total gross returns for livestock and poultry for 2007 was \$843,401,000. Cattle and calves increased in value by 7.03 percent over 2006, which is an increase of \$22,275,000. The value of hogs and pigs increased by 1.74 percent, even though the price per hundredweight decreased slightly. The lamb price increased by 6.33 percent which increased the total value to \$10,920,000. The total value of turkeys increased to \$59,843,000 due to the increases in the number of head, total liveweight and price per pound. The other livestock category, which includes buffalo, chickens, ducks, fish, gamebirds, goats, beneficial insects, squab, old turkey breeders and poults, and vermiculture increased \$80,222,000 in value or 23.35 percent.

LIVESTOCK AND POULTRY PRODUCTS: The total value of livestock and poultry products increased by 62.10 percent to a total value from \$318,128,000 to \$515,700,000. The total value of manure increased by \$506,000 while production was up 20.67 percent. Milk moved from sixth to third on the top ten crop list. The total value of manufactured and market milk increased 8.27 and 66.67 percent respectively. Manufactured hundred weight produced decreased, but market milk price per hundred weight increased from \$11.74 to \$18.89(per cwt). Hatching egg production decreased but the price per dozen increased causing the total value to increase by \$293,000.

APIARY PRODUCTS AND POLLINATION SERVICES: Gross returns from apiary and pollination services were up in 2007. The value represents an increase of 26.25 percent, or \$7,741,900. Both honey and beeswax showed an increase in value as well as all of the pollination categories.

INDUSTRIAL CROPS: Industrial crop values decreased \$785,000, or 18.74 percent over 2006. Firewood realized an increase in value of 32.41 percent, while the other category, which includes fence posts, green compost, and wood chips for biomass and landscaping, showed a decrease of 42.40 percent. Timber saw a decline in value of 12.75 percent.

FRESNO COUNTY

FIELD CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Barley	2007	10,200	1.79	18,300	ton	\$ 161.00	\$ 2,946,000
	2006	18,800	1.85	34,800	ton	\$ 98.00	\$ 3,410,000
Beans, dry ^a	2007	4,270	1.45	6,200	ton	840.00	5,208,000
	2006	4,270	1.24	5,300	ton	670.00	3,551,000
Corn							
Grain	2007	8,500	5.40	45,900	ton	160.00	7,344,000
	2006	5,100	4.62	23,600	ton	119.00	2,808,000
Silage	2007	38,600	27.54	1,063,000	ton	32.00 ^b	34,016,000
	2006	33,700	24.28	818,000	ton	25.00 ^b	20,450,000
Cotton							
Upland Lint	2007	46,200	1,535 ^c	142,000 ^d	bale	.75 ^e	53,676,000
	2006	45,700	1,302 ^c	119,000 ^d	bale	.76 ^e	45,582,000
Seed	2007			49,400	ton	230.00	11,362,000
	2006			47,300	ton	190.00	8,987,000
(Non-Acala) ^f Lint	2006	20,300	1,272	52,000 ^d	bale	.75 ^e	19,656,000
	Seed	2006		20,700	ton	190.00	3,933,000
Pima Lint	2007	98,300	1,546 ^c	304,000 ^d	bale	1.01 ^e	154,748,000
	2006	114,000	1,232 ^c	281,000 ^d	bale	1.03 ^e	145,873,000
Seed	2007			119,000	ton	239.00	28,441,000
	2006			118,000	ton	180.00	21,240,000
Cotton Total ^g	2007	144,500					248,227,000
	2006	180,000					245,271,000
Alfalfa	2007	78,000	7.20	562,000	ton	166.00	93,292,000
	2006	83,700	8.92	747,000	ton	123.00	91,881,000
Other ^h	2007	13,500	2.86	38,600	ton	120.00	4,632,000
	2006	28,400	3.45	98,000	ton	87.00	8,526,000

FRESNO COUNTY

FIELD CROPS (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Pasture and Range							
Field	2007	31,700			acre	\$ 69.90	\$ 2,216,000
Stubble ⁱ	2006	27,700			acre	\$ 61.70	\$ 1,709,000
Irrigated	2007	40,000			acre	125.00	5,000,000
Pasture	2006	40,000			acre	125.00	5,000,000
Grazing	2007	850,000			acre	8.00	6,800,000
Range	2006	850,000			acre	8.00	6,800,000
Rice	2007	2,690	3.04	8,200	ton	243.00	1,993,000
	2006	3,590	3.06	11,000	ton	240.00	2,640,000
Sugar Beets	2007	10,700	33.55	359,000	ton	38.00	13,642,000
	2006	11,100	30.77	342,000	ton	36.00	12,312,000
Wheat	2007	33,500	3.00	100,500	ton	161.00	16,181,000
	2006	40,500	2.75	111,000	ton	114.00	12,654,000
Other^j	2007	64,800					35,743,000
	2006	54,000					20,448,000
Total	2007	1,299,260					\$477,240,000
	2006	1,353,160					\$437,460,000

a Includes blackeyed, garbanzo, and lima (baby and large), pinto

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 Non-Acala now included with Acala in Upland

g Not used for top 10 ranking; does not include cotton seed for planting

h Includes hay from: alfalfa mix, barley, grass, oats, pasture, rye grass, sudan, triticale, wheat, and winter forage

i Not included in total field crop acreage; includes acreage from alfalfa hay (conventional and organic), barley, melons, and wheat

j Includes oat grain, safflower, silage (alfalfa, barley, oat, sorghum, sudangrass, and wheat), straw, sugar beet pulp, and winter forage; **organic**: alfalfa hay, rice, sudan hay, and wheat

FRESNO COUNTY

SEED CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Alfalfa	2007	7,550	851	6,425,000	lb.	\$ 1.74	\$11,180,000
Certified	2006	7,630	755	5,761,000	lb.	\$ 1.65	\$ 9,506,000
Cotton^a	2007	2,300		4,223,000	lb.	.17	718,000
Certified	2006	3,220		4,688,000	lb.	.14	656,000
Vegetable^b	2007	1,450					6,791,000
	2006	1,470					10,143,000
Other^c	2007	8,040					6,320,000
	2006	4,020					4,857,000
Total	2007	17,040					\$25,009,000
	2006	13,120*					\$25,162,000

a Included in field crop acreage

b Basil, bean (snap), broccoli, lettuce (head and leaf), mustard, and onion

c Alfalfa non-certified, bean (blackeye), corn, flowers, sudan, safflower, triticale, turfgrass, and wheat

* Revised

FRESNO COUNTY

VEGETABLE CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Asparagus	2007	1,740	3.08	5,360	ton	\$ 2,420.00	\$ 12,971,000
	2006	1,750	3.12	5,460	ton	\$ 2,360.00	\$ 12,886,000
Bell Peppers^a	2007	1,730	21.76	37,700	ton	508.00	19,152,000
	2006	2,540	12.52	31,800	ton	500.00	15,900,000
Broccoli^a	2007	5,800	7.34	42,600	ton	708.00	30,161,000
	2006	11,300	6.39	72,200	ton	588.00	42,454,000
Eggplant^b	2007	890	18.43	16,400	ton	574.00	9,414,000
	2006	840	20.24	17,000	ton	465.00	7,905,000
Garlic							
Fresh	2007	7,710	9.25	71,300	ton	1,920.00	136,896,000
	2006	4,820	9.25	44,600	ton	1,586.00	70,736,000
Processed	2007	12,500	8.23	103,000	ton	404.00	41,612,000
	2006	13,100	8.78	115,000	ton	390.00	44,850,000
Head Lettuce							
Naked				31,600	ton		
Wrapped				70,200	ton		
Bulk				56,200	ton		
Spring	2007	9,000	17.56	158,000	ton	305.00	48,190,000
Season Total	2006	9,400	19.12	179,700	ton	318.00	57,145,000
Naked				29,900	ton		
Wrapped				84,500	ton		
Bulk				57,100	ton		
Fall	2007	8,000	20.07	160,600	ton	344.00	55,246,000
Season Total	2006	9,500	18.05	171,500	ton	277.00	47,506,000
Head Lettuce	2007	17,000		318,600			103,436,000
Totals	2006	18,900		351,200			104,651,000

FRESNO COUNTY

VEGETABLE CROPS (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Leaf Lettuce ^c	2007	11,000	15.62	172,000	ton	\$ 504.00	\$ 86,688,000
	2006	10,700	8.81	94,300	ton	\$ 759.00	\$ 71,574,000
Melons							
Cantaloupe ^a	2007	20,600	15.71	324,000	ton	302.00	97,848,000
	2006	22,600	13.76	311,000	ton	279.00	86,769,000
Honeydew	2007	4,900	16.73	82,000	ton	359.00	29,438,000
	2006	4,400	11.25	49,500	ton	319.00	15,791,000
Mixed Melons ^d	2007	820	9.71	7,960	ton	520.00	4,139,000
	2006	1,990	7.29	14,500	ton	445.00	6,453,000
Watermelon	2007	2,940	20.75	61,000	ton	376.00	22,936,000
	2006	2,550	26.52	67,600	ton	344.00	23,254,000
Onions							
Fresh	2007	12,300	27.47	338,000	ton	252.00	85,176,000
	2006	13,100	30.70	402,000	ton	476.00	191,352,000
Processed	2007	10,200	22.83	233,000	ton	166.00	38,678,000
	2006	13,300	18.27	243,000	ton	175.00	42,525,000
Oriental Vegetables ^e	2007	2,740	6.28	17,200	ton	507.00	8,720,000
	2006	2,260	6.81	15,400	ton	571.00	8,793,000
Squash ^f	2007	930	8.02	7,460	ton	533.00	3,976,000
	2006	940	6.79	6,380	ton	531.00	3,388,000
Sweet Corn	2007	9,100	8.62	78,400	ton	347.00	27,205,000
	2006	5,500	8.58	47,200	ton	382.00	18,030,000
Tomatoes							
Standard and Cherry	2007	10,100	20.10	203,000	ton	639.00	129,717,000
	2006	12,500	23.01	288,000	ton	534.00	153,792,000

FRESNO COUNTY

VEGETABLE CROPS (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Tomatoes (continued)							
Processed	2007	125,000	44.56	5,570,000	ton	\$ 62.00	\$ 345,340,000
	2006	124,000	35.14	4,357,000	ton	\$ 57.00	\$ 248,349,000
Tomatoes Total	2007	135,100					475,057,000
	2006	136,500					402,141,000
Other^g	2007	12,100					59,597,000
	2006	14,700					46,122,000
Total	2007	270,100					\$1,293,100,000
	2006	281,790					\$1,215,574,000

a Includes fresh and processed

b Includes Chinese, Globe, Indian, Italian, Japanese, Philippine, and Thai varieties

c Includes Red, Green, Butter, and Romaine varieties

d Includes Casaba, Crenshaw, Galia, Juan Canary, Orange Flesh, Persian, Santa Claus, and Sharlyn varieties

e Includes amaranth, bittermelon (fruit and leaf), bok choy (baby, regular, and Shanghai), napa cabbage, chayote, daikon, donqua, gai choy, gailon, gobo/yamaino, kabocha, lemon grass, lo bok, long beans, mattea, mora, moqua, muop, ong choy, opo, sinqua/patola, sugarcane, sugar peas (fruit and leaf), taro root, tong ho, yam leaves, and you choy

f Includes summer and winter varieties

g Includes artichokes, arugula, beans (fava), green/snap beans (fresh and processed), beets, cabbage, carrots (fresh and processed), cauliflower, chard (Swiss), collards, corn (cornnuts and tortilla chips), cucumbers (fresh and processed), endive, fennel, greens (dandelion and mustard), jicama, kale, kohlrabi, leeks, mushrooms, okra, onions (green), peanuts, peppers/chili, potatoes, pumpkins, radishes, rutabagas, spinach (fresh and processed), sunchokes/Jerusalem artichokes, tomatillos, turnips; **herbs:** basil, cilantro, dill, mint, parsley (dry and fresh), and spice mix; **organic:** basil (processed), bean (blackeye), broccoli, cabbage, cauliflower, corn (sweet), cucumber, eggplant, garlic (fresh and processed), greens (mustard), herbs, lettuce (leaf and Romaine), melons (cantaloupe and honeydew), okra, onions (fresh, dry, and green), peppers (bell), perennials, spinach, squash (summer and winter), tomatoes (standard and processed), and watermelon seedless

FRESNO COUNTY

FRUIT AND NUT CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds^a	2007	116,700	1.08	126,000	ton	\$ 3,790.00	\$ 477,540,000
	2006	99,300	1.16	115,000	ton	\$ 4,300.00	\$ 494,500,000
Almond Hulls	2007			251,000	ton	137.00	34,387,000
	2006			232,000	ton	96.00	22,272,000
Apples^a	2007	989	17.43				
	2006	957	18.45				
Fresh	2007			13,300	ton	674.00	8,964,000
	2006			15,500	ton	732.00	11,346,000
Processed	2007			4,000	ton	250.00	1,000,000
	2006			2,160	ton	165.00	356,000
Apricots^a	2007	1,728	6.54	11,300	ton	887.00	10,023,000
	2006	1,855	5.60	10,400	ton	935.00	9,724,000
Cherries	2007	2,688	2.60	6,990	ton	4,535.00	31,700,000
	2006	2,688	1.73	4,650	ton	6,224.00	28,942,000
Citrus							
Lemons							
	2007	1,736	16.69				
	2006	1,385	17.33				
Fresh	2007			17,900	ton	1,079.00	19,314,000
	2006			18,000	ton	534.00	9,612,000
Processed	2007			11,100	ton	20.00	222,000
	2006			6,000	ton	20.00	120,000
Citrus, other^{a,b}							
	2007	3,848	8.99				
	2006	3,747	17.80				
Fresh	2007			29,000	ton	659.00	19,111,000
	2006			55,400	ton	918.00	50,857,000
Processed	2007			5,600	ton	43.00	241,000
	2006			11,300	ton	31.00	350,000

FRESNO COUNTY

FRUIT AND NUT CROPS (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Oranges							
Navel ^a	2007	30,193	11.79				
	2006	30,270	12.38				
Fresh	2007			230,000	ton	\$ 687.00	\$ 158,010,000
	2006			267,000	ton	\$ 476.00	\$ 127,092,000
Processed	2007			126,000	ton	79.00	9,954,000
	2006			108,000	ton	48.00	5,184,000
Valencia ^a	2007	4,641	9.65				
	2006	5,095	13.58				
Fresh	2007			26,100	ton	804.00	20,984,000
	2006			46,900	ton	540.00	25,326,000
Processed	2007			18,700	ton	62.00	1,159,000
	2006			22,300	ton	107.00	2,386,000
Oranges Total	2007	34,834					190,107,000
	2006	35,365					159,988,000
Grapes							
Raisin Varieties ^a	2007	144,922	12.03				
	2006	147,586	8.39				
Canned	2007			2,700	ton	275.00	743,000
	2006			2,200	ton	257.00	565,000
Crushed	2007			235,000	ton	161.00	37,835,000
	2006			174,000	ton	154.00	26,796,000
Dried	2007			327,000	ton	1,043.00	341,061,000
	2006			215,000	ton	1,219.00	262,085,000
Fresh	2007			32,600	ton	1,027.00	33,480,000
	2006			61,900	ton	1,168.00	72,299,000
Juice	2007			1,700	ton	760.00	1,292,000
	2006			11,000	ton	714.00	7,854,000

FRESNO COUNTY

FRUIT AND NUT CROPS (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Grapes (continued)							
Table Varieties^a	2007	10,454	8.25				
	2006	10,763	9.66				
Crushed	2007			9,700	ton	\$ 156.00	\$ 1,513,000
	2006			16,400	ton	\$ 134.00	\$ 2,198,000
Fresh	2007			76,500	ton	1,101.00	84,227,000
	2006			87,600	ton	1,252.00	109,675,000
Wine Varieties^a	2007	40,139	11.80				
	2006	40,109	9.05				
Crushed	2007			464,000	ton	230.00	106,720,000
	2006			352,000	ton	209.00	73,568,000
Juice	2007			9,700	ton	705.00	6,839,000
	2006			10,800	ton	714.00	7,711,000
Grapes Total	2007	195,515					613,710,000
	2006	198,458					562,751,000
Kiwifruit^a	2007	254	4.84	1,230	ton	1,347.00	1,657,000
	2006	244	7.16	1,750	ton	1,290.00	2,258,000
Nectarines^a	2007	18,845	9.87	186,000	ton	855.00	159,030,000
	2006	19,773	8.29	164,000	ton	1,048.00	171,872,000
Olives, canned^a	2007	1,150	5.22	6,000	ton	822.00	4,932,000
	2006	1,018	1.90	1,930	ton	675.00	1,303,000
Peaches							
Cling ^a	2007	2,009	17.57	35,300	ton	285.00	10,061,000
	2006	1,953	13.99	27,300	ton	269.00	7,344,000
Freestone ^a	2007	19,132	10.61	203,000	ton	996.00	202,188,000
	2006	18,969	9.33	177,000	ton	1,045.00	184,965,000
Peaches Total	2007	21,139					212,249,000
	2006	20,922					192,309,000
Pears, Asian and European	2007	874	11.56	10,100	ton	753.00	7,605,000
	2006	890	9.28	8,260	ton	2,792.00	23,062,000

FRESNO COUNTY

FRUIT AND NUT CROPS (continued)

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Persimmons ^a	2007	773	6.27	4,850	ton	\$1,151.00	\$ 5,582,000
	2006	774	5.79	4,480	ton	\$1,720.00	\$ 7,706,000
Pistachios	2007	20,200	1.33	26,900	ton	2,920.00	78,548,000
	2006	18,100	1.00	18,100	ton	3,930.00	71,133,000
Plums ^a	2007	17,624	7.60	134,000	ton	1,036.00	138,824,000
	2006	17,640	8.23	145,000	ton	1,047.00	151,815,000
Plums, dried ^a	2007	2,990	1.65	4,930	ton	1,494.00	7,365,000
	2006	3,229	2.68	8,650	ton	1,316.00	11,383,000
Pomegranates ^a	2007	3,466	2.94	10,200	ton	1,247.00	12,719,000
	2006	2,758	2.36	6,500	ton	1,383.00	8,990,000
Walnuts ^a	2007	5,914	1.46	8,630	ton	2,120.00	18,296,000
	2006	5,642	1.73	9,760	ton	1,700.00	16,592,000
Other ^c	2007	9,890					59,609,000
	2006	6,740					47,377,000
Total	2007	461,145					\$2,112,735,000
	2006	441,485					\$2,056,618,000

a Acreage, production, and value are included in other fruit and nut crops: 153 acres apricots (processed), 45 acres olive (oil), 2,003 acres peaches (processed freestone), 203 acres pomegranate (processed), 158 acres prunes (fresh and juice); **organic**: 835 acres almonds, 30 acres apples, 4 acres apricots, 170 acres figs (dried), 1,965 acres grapes (raisin), 361 acres grapes (table), 110 acres grapes (wine), 11 acres kiwifruit, 73 acres nectarines, 120 acres orange (Navel), 59 acres orange (Valencia), 45 acres peach cling, 69 acres peach freestone (fresh and processed), 1 acre persimmons, 45 acres plums, 5 acres plumcots, 6 acres pluots, 72 acres pomegranates, 50 acres prunes (dried), 23 acres tangerine/mandarin/satsuma, 154 acres walnuts

b Includes blood oranges, grapefruit, mandarin tangerines, minneola tangelos, and pummelos

c Includes almonds (shells and inedible), apricots (processed), avocados, blackberries, blueberries, boysenberries, figs (fresh, dried, and substandard), grapes (leaves and raisin by-products), jujubes, olives (oil), peaches (processed freestone), pecans, plumcots/pluots, pomegranates (processed), prunes (processed/juice), quince, and strawberries (fresh and processed); **organic**: almonds (fresh and hulls), apples, apricots (juice), figs (dried), grapes (raisin, table, and wine), kiwi, nectarines, oranges (Navel and Valencia), peaches (cling and fresh and processed freestone), persimmons, pluots, plums, plumcot, pomegranates, prunes (dried), tangerine/mandarin/satsuma, and walnuts

FRESNO COUNTY

NURSERY PRODUCTS

ITEM	YEAR	ACRES	QUANTITY	UNIT	VALUE
Herbaceous	2007	45	5,733,000	b	\$ 5,587,000
Ornamentals^a	2006	52	3,931,000	b	\$ 3,212,000
Ornamental Trees	2007	84	754,000	plants	7,350,000
and Shrubs	2006	61	793,000	plants	6,687,000
Other^c	2007	1,125	193,775,000	plants	26,639,000
	2006	1,112	309,156,000	plants	21,211,000
Total	2007	1,254			\$39,576,000
	2006	1,225			\$31,110,000

a Includes potted plants, bedding plants, flats, and perennials

b Includes flats, dozens, cans, and single plants

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	2007	1,280		head	\$1,109.00	\$ 1,420,000
	2006	1,240		head	\$1,016.00	\$ 1,260,000
Registered	2007	320		head	2,900.00	928,000
	2006	310		head	3,810.00	1,181,000
Feeders	2007	79,500	321,000	cwt.	86.12	27,645,000
	2006	81,000	328,000	cwt.	92.87	30,461,000
Calves	2007	27,300	81,900	cwt.	99.73	8,168,000
	2006	26,500	79,500	cwt.	118.58	9,427,000
Slaughter Stock	2007	298,000	1,576,000 ^a	cwt.	90.02	141,872,000
	2006	284,000	1,504,000 ^a	cwt.	85.35	128,366,000
Dairy						
Breeding Stock	2007	38,000		head	2,050.00	77,900,000
	2006	36,600		head	1,820.00	66,612,000
Cull Stock	2007	37,800	491,000	cwt.	50.13	24,614,000
	2006	36,300	472,000	cwt.	49.69	23,454,000
Calves	2007	120,000	360,000	cwt.	157.77	56,797,000
	2006	110,000	329,000	cwt.	171.15	56,308,000
Cattle and Calves Total	2007					339,344,000
	2006					317,069,000
Hogs and Pigs						
Feeder Pigs and Slaughter Stock	2007	52,900	122,000	cwt.	73.21	8,932,000
	2006	51,900	119,000	cwt.	73.77	8,779,000

FRESNO COUNTY

LIVESTOCK AND POULTRY (continued)

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. OF HEAD	TOTAL LIVEWIGHT		PER UNIT	TOTAL
Sheep and Lambs						
Slaughter Stock						
Lambs	2007	79,900	104,000	cwt.	\$ 105.00	\$ 10,920,000
	2006	78,900	103,000	cwt.	\$ 98.75	\$ 10,171,000
Sheep	2007	10,700	17,100	cwt.	29.59	506,000
	2006	10,900	17,400	cwt.	31.38	546,000
Turkeys^b	2007	4,477,000	115,083,000	lb.	.52	59,843,000
	2006	3,889,000	95,612,000	lb.	.50	47,806,000
Other^c	2007					423,856,000
	2006					343,634,000
Total	2007					\$843,401,000
	2006					\$728,005,000

a Net gain

b Includes conventional and organic turkeys

c Includes buffalo; chickens (chicks, fryers, and old breeder birds); ducks (ducklings, old hens, and drakes); fish (bass, carp, and channel cat); game birds (chukar, pheasants and quail); goats (cull milk, kid, and meat); insects (beneficial); squab; turkeys (old breeder birds and poults); and vermiculture

FRESNO COUNTY

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Manure^a	2007	940,000	ton	\$ 3.14	\$ 2,952,000
	2006	779,000	ton	\$ 3.14	\$ 2,446,000
Milk					
Manufacturing	2007	97,000	cwt.	18.89	1,832,000
	2006	134,000	cwt.	12.63	1,692,000
Market ^b	2007	27,075,000	cwt.	18.16	491,682,000
	2006	25,128,000	cwt.	11.74	295,003,000
Wool	2007	533,000	lb.	.73	389,000
	2006	544,000	lb.	.70	381,000
Eggs					
Hatching ^c	2007	4,403,000	dozen	4.28	18,845,000
	2006	6,505,600*	dozen	2.86	18,606,000
	2007				\$515,700,000
	2006				\$318,128,000

a Includes cow and poultry manure

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

c Includes chicken, duck and turkey

* Revised

FRESNO COUNTY

APIARY PRODUCTS AND POLLINATION SERVICES

ITEM	YEAR	PRODUCTION TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Apiary Products^a					
Honey	2007	2,150,000	lb.	\$ 1.22	\$ 2,623,000
	2006	1,181,000	lb.	\$.96	\$ 1,134,000
Beeswax	2007	63,500	lb.	1.70	108,000
	2006	51,200	lb.	1.76	90,100
Pollination^b					
Alfalfa Seed	2007	14,100	colony	37.00	522,000
	2006	11,800	colony	37.71	445,000
Trees, Fruit and Nut^c	2007	248,000	colony	134.20	33,282,000
	2006	205,000	colony	132.66	27,195,000
Melon	2007	32,900	colony	21.25	699,000
	2006	30,400	colony	20.66	628,000
Total	2007				\$37,234,000
	2006				\$29,492,100

a Reflects bee colonies registered in Fresno County by commercial and semi-commercial beekeepers: 2006- 36,539 colonies; 2007- 59,848 colonies

b Reflects value of pollination by all bee colonies located in Fresno County for pollination services during 2007

c Almonds, cherries, and plums

FRESNO COUNTY

INDUSTRIAL CROPS

CROP	YEAR	PRODUCTION	UNIT	VALUE
Timber ^a	2007	10,345,000	board feet	\$ 2,046,000
	2006	11,525,000	board feet	\$ 2,345,000
Firewood	2007	4,971	CORDS	523,000
	2006	2,841	CORDS	395,000
Other ^b	2007			834,000
	2006			1,448,000
Total	2007			\$ 3,403,000
	2006			\$ 4,188,000

a Includes government and non-government properties

b Includes fence posts, green compost, and wood chips (biomass and landscaping)

**GROWTH IN FRESNO COUNTY AGRICULTURE AS INDICATED BY GROSS
PRODUCTION VALUE OF AGRICULTURAL PRODUCTS OVER A TWENTY-ONE YEAR SPAN**

1987 - 2,264,044,000*	1998 - 3,257,712,600*
1988 - 2,444,732,600*	1999 - 3,570,027,600*
1989 - 2,607,648,800*	2000 - 3,281,285,400*
1990 - 2,949,484,000*	2001 - 3,220,101,800
1991 - 2,552,305,040*	2002 - 3,440,927,000*
1992 - 2,635,447,400*	2003 - 4,073,338,500*
1993 - 3,022,311,100*	2004 - 4,603,936,200*
1994 - 3,084,870,800	2005 - 4,641,194,200
1995 - 3,142,878,300*	2006 - 4,845,737,100
1996 - 3,324,885,800	2007 - 5,347,398,000
1997 - 3,436,443,500*	

SIX-YEAR COMPARISON OF GROSS PRODUCTION VALUE IN FRESNO COUNTY

CROPS	1987	1997	2004	2005	2006	2007
Field	\$ 603,341,000	\$ 626,737,000	\$ 594,728,000	\$ 476,554,000	\$ 437,460,000	\$ 477,240,000
Seed	37,921,000	24,075,000	18,972,000	19,429,000	25,162,000	25,009,000
Vegetable	432,514,000	681,390,000	1,189,460,000*	1,114,181,000	1,215,574,000	1,293,100,000
Fruit & Nut	746,702,000	1,362,559,800	1,806,133,000*	1,992,093,000	2,056,618,000	2,112,735,000
Nursery	12,729,000	35,067,000	35,067,000	38,091,000	31,110,000	39,576,000
Livestock	420,169,000*	685,664,000*	941,680,000	979,885,000	1,046,133,000	1,359,101,000
Apiary	7,021,000	8,486,000	11,603,200	15,924,200	29,492,100	37,234,000
Industrial	<u>3,647,000</u>	<u>3,436,443,500</u>	<u>6,293,000</u>	<u>5,037,000</u>	<u>4,188,000</u>	<u>3,403,000</u>
TOTAL	\$2,264,044,000*	\$3,436,443,500*	\$4,603,936,200*	\$ 4,641,194,200	\$ 4,845,737,100	\$ 5,347,398,000

*Revised

FRESNO COUNTY

SUSTAINABLE AGRICULTURE

2007 BIOLOGICAL CONTROL ACTIVITIES

PEST	B. C. AGENT/MECHANISM	ACTIVITY
Yellow Starthistle	YST Rust/ <i>Puccinia jaceae</i>	Follow-up at release sites, showed no establishment.
Purple Loosestrife	<i>Galerucella calamariensis</i> (GASPP) <i>Nanophyes marmoratus</i> (NAMA)	Observation at release site came up negative for biocontrol agents
Puncture Vine	<i>Microlarinus lypriformis</i> <i>Microlarinus lareyniei</i>	Collecting weevils for release in other areas of California
Red Gum Lerp Psyllid	<i>Psyllaephagus bliteus</i>	Confirmed that the parasitoid is established in Fresno

2007 DETECTION ACTIVITIES

INSECT	TRAPS DEPLOYED	RESULTS
Medfly	699	2 steriles captured (1 with wing only)
Mexican Fruit Fly, other <i>Anastrepha</i> , <i>Bactrocera</i> and <i>Ceratitis</i> sp.	583	None captured
Oriental Fruit Fly	348	None captured
Melon Fly	335	None captured
Gypsy Moth	390	None captured
Japanese Beetle	318	None captured
Glassy-Winged Sharpshooter	2,459	Numerous residences positive

PEST MANAGEMENT

GLASSY-WINGED SHARPSHOOTER: GWSS continued to be controlled by Fresno County. The overall number of positive properties was up from the previous year. Nearly all positive properties and adjacent properties were treated with *Merit*. It is hoped that this will keep the GWSS population in Fresno/Clovis at a low level so that they will be less likely to move from the city into the agricultural areas.

S U S T A I N A B L E A G R I C U L T U R E

NEW AND UNUSUAL PEST OUTBREAKS IN 2007

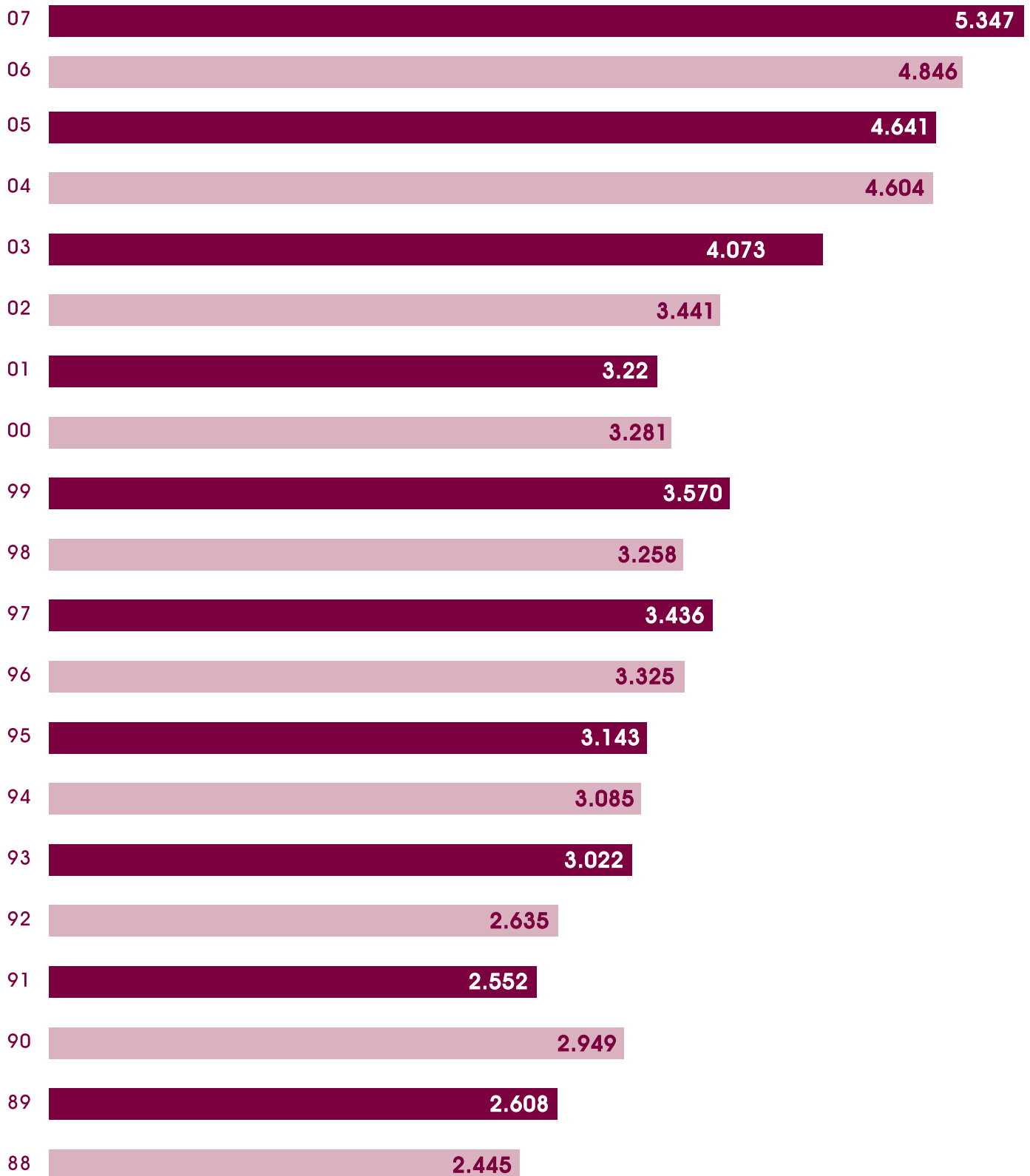
There was an unusual infestation of comb-clawed beetles (*Alleculidae*) in the Fresno area in mid-June. The beetles, in general, are not very common but this year they were in outbreak proportions, as numerous residences called in about them or brought specimens in for identification. They are a landscape pest and people found them on tree trunks in their yards. It is not known what they were feeding on or why they were bad this year but the infestation quickly disappeared and was not a problem the rest of the year.

Fresno County placed a new trap in 2007, the Light Brown Apple Moth (LBAM) trap, because of the discovery of that moth in the bay area of California. No LBAM's were detected but two other insects were collected on the trap quite commonly. An unrelated moth, the Mimosa Webworm (*Homadaula anisocentra*), a pest of mimosa silk trees in the Fresno area, was very common in the traps. Another totally unrelated insect, an antlion, family Myrmeleontidae, also turned up in the traps regularly. Obviously, LBAM pheromone was cross attractive to these insects.

2007 ORGANIC FARMING

Gross returns for organic farming in 2007 totaled \$60,419,202. A total of one hundred thirty three farms, totaling 22,986 acres, eight processors and seventeen handlers (shippers/packers), were registered organic in Fresno County in 2007. New registrants included 19 growers. A large variety of crops were produced in compliance with current organic regulations. Crops grown, packed, and shipped include alfalfa, almonds, apples, apricots, asparagus, barley, basil, beans, broccoli, cabbage, cantaloupes, carrots, cattle, cauliflower, chicken, corn, cotton, eggplant, figs, flowers, garlic, grapes, grape juice, herbs, honeydews, kiwifruit, lettuce, mandarins, melons, milk, mustards, nectarines, okra, olives, onions, oranges, peaches, peanuts, pears, peas, peppers, persimmons, pistachios, plums, pluots, pomegranates, prunes, radishes, raisins, rice, satsumas, shallots, squash, spinach, squash, strawberries, sweet potatoes, tangerines, tomatoes, turkeys, turnips, walnuts, watermelon, wine, wheat, and yams. Organically grown seeds: arugula, basil, broccoli, dill, kale, lettuce, mizuna, red mustard and watercress.

GROWTH OF FRESNO COUNTY AGRICULTURE OVER A TWENTY-YEAR SPAN 1988 through 2007



Gross Production Value (in billions)

RELATIONSHIP IN TERMS OF TOTAL VALUE
FOR 2007 CROP YEAR
\$ 5,347,398,000

