

2009 Kern County Agricultural Crop Report

Department of Agriculture and Measurement Standards

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Bakersfield, California 93307

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DEPARTMENT OF AGRICULTURE AND MEASUREMENT STANDARDS

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July 13, 2010

Mr. A.G. Kawamura, Secretary
California Department of Food & Agriculture
-and-
The Honorable Board of Supervisors
County of Kern

It is my pleasure to submit the 2009 Kern County Agricultural Crop Report. This annual report presents statistical information on acreage, yield and gross values of Kern County agricultural product in accordance with Sections 2272 and 2279 of the Food and Agricultural Code. The figures in this report represent only gross values and do not take into account the various costs of production, marketing or transportation. No attempt is made to reflect net income or loss to producers.

The 2009 total value of agricultural commodities produced in Kern County is \$3,606,498,000 which is a decrease of -10.5% over the 2008 crop value

The major factors affecting the decrease in total value from the 2008 crop values were significant price and acreage decreases in Field Crops, Livestock and Poultry Products, Livestock and Poultry, and Vegetable Crops. These decreases were partially offset by increases in Fruit and Nut Crops and Seed Crops.

The top five commodities for 2009 were Grapes, Milk, Almonds, Carrots, and Citrus which make up more than \$2.2 Billion of the Total Value.

The 2009 Kern County Crop Report can be found on the Department of Agriculture and Measurement Standards web-site: www.co.kern.ca.us/kernag/

I would like to thank the members of the Agriculture and Measurement Standards staff who helped with the compilation and preparation of this report. Most of all, I extend my thanks and appreciation to all of the agricultural producers, contributing organizations and those individuals who provided the necessary information for this report.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Ruben J. Arroyo".

Ruben J. Arroyo
Agricultural Commissioner/Sealer of Weights and Measures

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Note: Numbers published in this report may not compute exactly due to rounding.
Permanent Acreage will differ from actual Harvested Acreage for some commodities.

Feel free to contact us for more information:

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Top 20 Commodities - 2009

| | COMMODITY | VALUE | 2008 RANKING |
|-----|--|----------------|--------------|
| 1. | Grapes, All | \$ 664,499,000 | 2 |
| 2. | Milk, Market & Manufacturing | 437,610,000 | 1 |
| 3. | Almonds, Including By-Products | 435,305,000 | 4 |
| 4. | Carrots, Fresh & Processing | 343,128,000 | 5 |
| 5. | Citrus, All | 332,926,000 | 3 |
| 6. | Pistachios | 331,120,000 | 8 |
| 7. | Cattle & Calves | 174,216,000 | 7 |
| 8. | Hay, Alfalfa | 106,144,000 | 6 |
| 9. | Pomegranates, Fresh & Processing | 99,018,000 | 12 |
| 10. | Potatoes, All | 99,926,000 | 9 |
| 11. | Cotton, Including Processed Cottonseed | 63,206,000 | 11 |
| 12. | Tomatoes, Fresh & Processing | 59,045,000 | 13 |
| 13. | Silage & Forage | 46,001,000 | 10 |
| 14. | Apiary Products | 41,423,000 | 15 |
| 15. | Eggs | 30,102,000 | 16 |
| 16. | Bell Peppers, Fresh & Processing | 28,844,000 | 19 |
| 17. | Wheat | 27,837,000 | 14 |
| 18. | Nursery Fruit and Nut Trees & Vines | 27,457,000 | 17 |
| 19. | Roses | 27,201,000 | 20 |
| 20. | Onions | 26,437,000 | 24 |

Permanent Acreage - 2009

| CROP | YEAR | BEARING | NON-BEARING | TOTAL |
|--------------|------|---------|-------------|---------|
| Almonds | 2009 | 134,343 | 7,823 | 142,166 |
| | 2008 | 132,134 | 5,542 | 137,676 |
| Apples | 2009 | 1,489 | 0 | 1,489 |
| | 2008 | 1,606 | 0 | 1,606 |
| Apricots | 2009 | 320 | 218 | 538 |
| | 2008 | 395 | 90 | 485 |
| Cherries | 2009 | 3,977 | 1,468 | 5,445 |
| | 2008 | 3,630 | 2,860 | 6,490 |
| Figs | 2009 | 477 | 0 | 477 |
| | 2008 | 477 | 0 | 477 |
| Grapefruit | 2009 | 479 | 101 | 580 |
| | 2008 | 469 | 110 | 579 |
| Grapes, All | 2009 | 72,408 | 2,010 | 74,418 |
| | 2008 | 72,850 | 2,191 | 75,041 |
| Raisin | 2009 | 16,141 | 85 | 16,226 |
| | 2008 | 17,369 | 207 | 17,576 |
| Table | 2009 | 34,762 | 1,792 | 36,554 |
| | 2008 | 33,453 | 1,827 | 35,280 |
| Wine | 2009 | 21,505 | 133 | 21,638 |
| | 2008 | 22,028 | 157 | 22,185 |
| Kiwi | 2009 | 85 | 0 | 85 |
| | 2008 | 106 | 0 | 106 |
| Lemons | 2009 | 3,387 | 117 | 3,504 |
| | 2008 | 3,336 | 100 | 3,436 |
| Nectarines | 2009 | 705 | 160 | 865 |
| | 2008 | 796 | 160 | 956 |
| Olives | 2009 | 240 | 0 | 240 |
| | 2008 | 274 | 0 | 274 |
| Oranges, All | 2009 | 37,453 | 534 | 37,987 |
| | 2008 | 37,707 | 889 | 38,596 |

Permanent Acreage - 2009

| CROP | YEAR | BEARING | NON-BEARING | TOTAL |
|--------------------------|-------------|----------------|---------------|----------------|
| Navels | 2009 | 30,461 | 534 | 30,995 |
| | 2008 | 30,602 | 889 | 31,491 |
| Valencias | 2009 | 6,992 | 0 | 6,992 |
| | 2008 | 7,105 | 0 | 7,105 |
| Peaches | 2009 | 1,244 | 135 | 1,379 |
| | 2008 | 1,560 | 95 | 1,655 |
| Pears | 2009 | 76 | 0 | 76 |
| | 2008 | 83 | 0 | 83 |
| Pecans | 2009 | 562 | 0 | 562 |
| | 2008 | 567 | 0 | 567 |
| Persimmons | 2009 | 101 | 10 | 111 |
| | 2008 | 101 | 10 | 111 |
| Pistachios | 2009 | 49,589 | 2,577 | 52,166 |
| | 2008 | 48,818 | 2,985 | 51,776 |
| Plums | 2009 | 1,741 | 324 | 2,065 |
| | 2008 | 1,775 | 392 | 2,167 |
| Pomegranates | 2009 | 13,487 | 4,067 | 17,554 |
| | 2008 | 8,077 | 7,756 | 15,833 |
| Prunes | 2009 | 17 | 0 | 17 |
| | 2008 | 17 | 0 | 17 |
| Tangerines & Tangelos | 2009 | 9,261 | 270 | 9,531 |
| | 2008 | 9,763 | 382 | 10,145 |
| Walnuts | 2009 | 963 | 0 | 963 |
| | 2008 | 983 | | 983 |
| Miscellaneous | a/2009 | 308 | 0 | 308 |
| | b/2008 | 248 | 0 | 248 |
| Totals | 2009 | 332,712 | 19,814 | 352,526 |
| | 2008 | 325,772 | 23,535 | 349,307 |

a/ Includes: Pummelos, Tangor, Jojoba, Plumcot and Jujube.

b/ Includes: Chestnut, Plumcot, Pluot and Pummelos₃

Fruit & Nut Crops - 2009

| CROP | YEAR | HARVESTED ACRES | PRODUCTION PER ACRE | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|------------------------|--------|-----------------|---------------------|------------------|------|-------------|----------------|
| Almonds | 2009 | 134,000 | 1.01 | a/135,000 | Ton | \$ 3,000.00 | \$ 405,050,000 |
| | 2008 | 132,000 | 1.21 | a/160,000 | Ton | \$ 2,200.00 | \$ 352,573,000 |
| Almond By-Products | 2009 | -- | -- | 263,000 | Ton | 115.00 | 30,255,000 |
| | 2008 | -- | -- | 225,000 | Ton | 151.00 | 34,032,000 |
| Apples, All | 2009 | 1,220 | 15.16 | 18,500 | Ton | -- | 12,942,000 |
| | 2008 | 1,610 | 24.91 | 40,100 | Ton | -- | 23,434,000 |
| Fresh | 2009 | -- | -- | 13,800 | Ton | 899.00 | 12,401,000 |
| | 2008 | -- | -- | 22,300 | Ton | 909.00 | 20,266,000 |
| Processing | 2009 | -- | -- | 4,700 | Ton | 115.00 | 541,000 |
| | 2008 | -- | -- | 17,800 | Ton | 178.00 | 3,168,000 |
| Apricots | 2009 | 320 | 5.60 | 1,790 | Ton | 1,600.00 | 2,870,000 |
| | 2008 | 400 | 5.88 | 2,350 | Ton | 1,020.00 | 2,392,000 |
| Cherries | 2009 | 3,980 | 1.38 | 5,500 | Ton | 3,779.00 | 20,787,000 |
| | 2008 | 3,630 | 2.67 | 9,700 | Ton | 3,730.00 | 36,189,000 |
| Citrus, All | 2009 | 50,620 | 10.25 | 518,700 | Ton | -- | 332,926,000 |
| | 2008 | 51,510 | 16.39 | 844,250 | Ton | -- | 487,040,000 |
| Grapefruit | 2009 | 480 | 11.67 | 5,600 | Ton | 617.00 | 3,454,000 |
| | 2008 | 700 | 14.50 | 10,150 | Ton | 619.00 | 6,285,000 |
| Lemons | 2009 | 3,390 | 15.25 | 51,700 | Ton | 714.00 | 36,939,000 |
| | 2008 | 3,340 | 4.52 | 15,100 | Ton | 1,540.00 | 23,257,000 |
| Oranges, Navels | 2009 | 30,500 | 7.38 | 225,000 | Ton | 620.00 | 139,523,000 |
| | 2008 | 30,600 | 12.09 | 370,000 | Ton | 603.00 | 223,168,000 |
| Oranges, Valencia | 2009 | 6,990 | 6.87 | 48,000 | Ton | 540.00 | 25,900,000 |
| | 2008 | 7,110 | 12.49 | 88,800 | Ton | 567.00 | 50,315,000 |
| Tangerine & Tangelo | 2009 | 9,260 | 9.11 | 84,400 | Ton | 1,480.00 | 124,832,000 |
| | 2008 | 9,760 | 12.42 | 121,200 | Ton | 1,370.00 | 166,164,000 |
| Processing, All Citrus | 2009 | -- | -- | 104,000 | Ton | 21.90 | 2,278,000 |
| | 2008 | -- | -- | 239,000 | Ton | 74.70 | 17,851,000 |
| Grapes, All | 2009 | 72,400 | 9.53 | 690,200 | Ton | -- | 664,499,000 |
| | 2008 | 72,900 | 10.41 | 758,600 | Ton | -- | 561,480,000 |
| <u>Raisin Variety</u> | b/2009 | 16,100 | 5.27 | 84,900 | Ton | -- | 42,970,000 |
| | b/2008 | 17,400 | 7.60 | 132,300 | Ton | -- | 45,235,000 |
| Fresh Market | 2009 | -- | -- | 17,600 | Ton | 1,330.00 | 23,462,000 |
| | 2008 | -- | -- | 14,500 | Ton | 1,370.00 | 19,831,000 |

Fruit & Nut Crops - 2009

| CROP | YEAR | HARVESTED ACRES | PRODUCTION PER ACRE | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|----------------------|--------|-----------------|---------------------|------------------|------|-------------|---------------|
| Raisins | c/2009 | --- | --- | 9,840 | Ton | \$ 1,120.00 | \$ 11,069,000 |
| | c/2008 | --- | --- | 11,220 | Ton | \$ 1,140.00 | \$ 12,788,000 |
| Processing | 2009 | --- | --- | 6,600 | Ton | 277.00 | 1,826,000 |
| | 2008 | --- | --- | 6,300 | Ton | 316.00 | 1,990,000 |
| Crushed | 2009 | --- | --- | 41,000 | Ton | 161.00 | 6,613,000 |
| | 2008 | --- | --- | 53,200 | Ton | 200.00 | 10,626,000 |
| Juice | 2009 | --- | --- | --- | Ton | --- | --- |
| | 2008 | --- | --- | --- | Ton | --- | --- |
| <u>Table Variety</u> | 2009 | 34,800 | 9.46 | 329,300 | Ton | --- | 537,001,000 |
| | 2008 | 33,500 | 10.34 | 346,300 | Ton | --- | 433,187,000 |
| Fresh Market | 2009 | --- | --- | 294,000 | Ton | 1,810.00 | 531,978,000 |
| | 2008 | --- | --- | 274,000 | Ton | 1,530.00 | 419,521,000 |
| Crushed | 2009 | --- | --- | 35,300 | Ton | 142.00 | 5,023,000 |
| | 2008 | --- | --- | 72,300 | Ton | 189.00 | 13,666,000 |
| Raisin | 2009 | --- | --- | --- | Ton | --- | --- |
| | 2008 | --- | --- | --- | Ton | --- | --- |
| <u>Wine Variety</u> | 2009 | 21,500 | 12.84 | 276,000 | Ton | --- | 84,528,000 |
| | 2008 | 22,000 | 12.73 | 280,000 | Ton | --- | 83,058,000 |
| Crushed | 2009 | --- | --- | 276,000 | Ton | 306.00 | 84,528,000 |
| | 2008 | --- | --- | 280,000 | Ton | 297.00 | 83,058,000 |
| Juice | 2009 | --- | --- | --- | Ton | --- | --- |
| | 2008 | --- | --- | --- | Ton | --- | --- |
| Kiwi | 2009 | --- | --- | --- | Ton | --- | --- |
| | 2008 | --- | --- | --- | Ton | --- | --- |
| Nectarines | 2009 | 1,210 | 7.27 | 8,800 | Ton | 1,160.00 | 10,172,000 |
| | 2008 | 796 | 3.47 | 2,760 | Ton | 1,780.00 | 4,901,000 |
| Olives | 2009 | --- | --- | --- | Ton | --- | --- |
| | 2008 | --- | --- | --- | Ton | --- | --- |
| Peaches | 2009 | 1,190 | 9.71 | 11,550 | Ton | 1,000.00 | 11,499,000 |
| | 2008 | 1,320 | 7.35 | 9,700 | Ton | 1,110.00 | 10,724,000 |
| Pistachios | 2009 | 49,600 | 1.64 | d/81,200 | Ton | 4,080.00 | 331,120,000 |
| | 2008 | 48,800 | 1.00 | d/49,000 | Ton | 3,920.00 | 191,969,000 |
| Plums | 2009 | --- | --- | --- | Ton | --- | --- |
| | 2008 | --- | --- | --- | Ton | --- | --- |

Fruit & Nut Crops - 2009

| CROP | YEAR | HARVESTED ACRES | PRODUCTION PER ACRE | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|---------------|-------------|-----------------|---------------------|------------------|------------|-------------|-------------------------|
| Walnuts | 2009 | 960 | 2.13 | d/2,040 | Ton | \$ 1,472.00 | \$ 3,002,000 |
| | 2008 | 980 | 2.81 | d/2,750 | Ton | \$ 1,460.00 | \$ 4,010,000 |
| Miscellaneous | e/2009 | 17,960 | --- | 82,700 | Ton | --- | 127,539,000 |
| | f/2008 | 12,600 | --- | 75,100 | Ton | --- | 78,333,000 |
| Totals | 2009 | 333,460 | --- | 1,818,980 | Ton | --- | \$ 1,952,661,000 |
| | 2008 | 326,546 | --- | 2,179,310 | Ton | --- | \$ 1,787,077,000 |

*Revised

a/ Almond production stated in terms of Nut Meat Equivalents.

b/ Total production includes raisins on a Fresh Equivalent basis.

c/ A combined value reflecting free tonnage and reserve tonnage.

Dry Ratio: 2009 - 2.0 to 1 2008 - 5.2 to 1

d/ Pistachio and Walnut production stated in terms of In-Shell Equivalents.

e/ Includes: Blueberries, Cantaloupes Processed, Figs (Frsh & Dry), Honeydews Processed, Kiwi, Olives, Pears, Pecans, Persimmons, Plums (Fresh & Juice), Plumcot, Pomegranates (Fresh & Juice), and Prunes.

f/ Includes: Avocado, Blackberry, Blueberries, Cantaloupes Processed, Cherries Processed, Chestnuts, Figs (Fresh & Dry), Honeydews Processed, Kiwi, Olives, Peaches Processed, Pears, Pecans, Persimmons, Plums (Fresh & Juice), Plumcot, Pluot, Pomegranates (Fresh & Juice), Prunes, Quince and Strawberries.

Seed Crops - 2009

| CROP | YEAR | HARVESTED ACRES | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|---------------|-------------|-----------------|------------------|------------|-------------|---------------------|
| Cotton | 2009 | 9,655 | 11,800 | Ton | a/\$ 290.00 | \$ 3,421,000 |
| | 2008 | 4,397 | 5,000 | Ton | a/\$ 210.00 | \$ 1,051,000 |
| Field | b/2009 | 2,670 | 1,250 | Ton | --- | 1,082,000 |
| | c/2008 | 2,500 | 1,200 | Ton | --- | 272,000 |
| Vegetable | d/2009 | 755 | 5,340 | Ton | --- | 2,802,000 |
| | e/2008 | 984 | 3,050 | Ton | --- | 3,298,000 |
| Totals | 2009 | f/3,425 | 18,390 | Ton | --- | \$ 7,305,000 |
| | 2008 | f/3,484 | 9,250 | Ton | --- | \$ 4,621,000 |

a/ Includes a per acre approval.

b/ Includes: Alfalfa and Wheat Seed .

c/ Includes: Flower, Safflower and Wheat Seed.

d/ Includes: Arrugula, Broccoli, Cabbage, Carrot, Cauliflower, Lettuce, Onion, Potato and Radish Seed.

e/ Includes: Bean, Broccoli, Cabbage, Carrot, Cauliflower, Lettuce, Onion, Peas, Potato, and Radish Seed.

f/ Does not include cotton acreage.

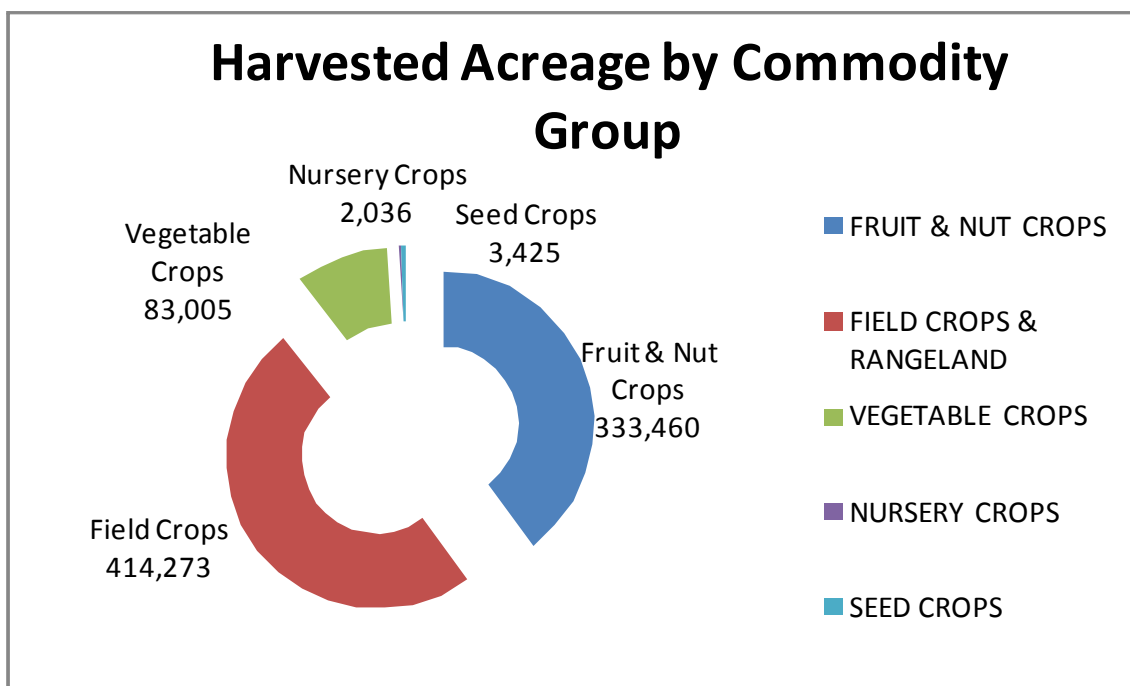
Field Crops - 2009

| CROP | YEAR | HARVESTED ACRES | PRODUCTION PER ACRE | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|-----------------------------|-------------|------------------|---------------------|------------------|------------|------------|-----------------------|
| Barley | a/2009 | 1,750 | 2.12 | 3,710 | Ton | \$ 235.00 | \$ 871,000 |
| | a/2008 | 2,100 | 2.32 | 4,870 | Ton | \$ 248.00 | \$ 1,209,000 |
| Beans, Dry Edible | 2009 | 3,276 | 1.53 | 5,010 | Ton | 719.00 | 3,604,000 |
| | 2008 | 1,896 | 1.50 | 2,840 | Ton | 901.00 | 2,560,000 |
| Cotton Lint, Upland & Acala | 2009 | 17,330 | b/1,645 | 57,000 | Bale | d/0.79 | 22,414,000 |
| | 2008 | 21,949 | b/1,526 | 67,000 | Bale | d/0.75 | 25,106,000 |
| Cotton Lint, Pima | 2009 | 22,260 | b/1,438 | c/64,000 | Bale | d/1.23 | 39,062,000 |
| | 2008 | 30,289 | b/1,420 | c/86,000 | Bale | d/1.09 | 46,692,000 |
| Cottonseed, Processing | 2009 | --- | --- | 13,600 | Ton | 127.00 | 1,730,000 |
| | 2008 | --- | --- | 24,700 | Ton | 625.00 | 15,436,000 |
| Hay, Alfalfa | 2009 | 145,000 | 7.34 | 1,065,000 | Ton | 100.00 | 106,144,000 |
| | 2008 | 155,000 | 8.65 | 1,341,000 | Ton | 211.00 | 283,074,000 |
| Hay, Grain | 2009 | 25,000 | 3.04 | 75,900 | Ton | 78.00 | 5,948,000 |
| | 2008 | 32,000 | 3.84 | 122,900 | Ton | 180.00 | 22,126,000 |
| Hay, Other | 2009 | 11,000 | 2.05 | 22,600 | Ton | 90.00 | 2,042,000 |
| | 2008 | 15,000 | 2.15 | 32,200 | Ton | 99.00 | 3,181,000 |
| Pasture, Irrigated | 2009 | 7,000 | --- | --- | Acre | 135.00 | 945,000 |
| | 2008 | 8,000 | --- | --- | Acre | 160.00 | 1,280,000 |
| Pasture, Other | 2009 | --- | --- | --- | Acre | --- | 2,871,000 |
| | 2008 | --- | --- | --- | Acre | --- | 4,674,000 |
| Pasture, Range | 2009 | 1,498,000 | --- | --- | Acre | 5.00 | 7,445,000 |
| | 2008 | 1,483,000 | --- | --- | Acre | 5.00 | 7,416,000 |
| Safflower | 2009 | --- | --- | --- | Ton | --- | --- |
| | 2008 | 464 | 0.50 | 232 | Ton | 280.00 | 65,000 |
| Silage and Forage | 2009 | 100,000 | 15.33 | 1,533,000 | Ton | 30.00 | 46,001,000 |
| | 2008 | 108,000 | 22.50 | 2,430,000 | Ton | 37.70 | 91,579,000 |
| Sugar Beets | 2009 | 447 | 33.11 | 14,800 | Ton | 40.00 | 603,000 |
| | 2008 | 424 | 39.86 | 16,900 | Ton | 45.30 | 765,000 |
| Wheat | 2009 | 65,000 | 1.71 | 111,000 | Ton | 251.00 | 27,837,000 |
| | 2008 | 65,000 | 2.92 | 190,000 | Ton | 263.00 | 50,041,000 |
| Miscellaneous | e/2009 | 16,210 | --- | 47,900 | Ton | --- | 9,128,000 |
| | f/2008 | 10,800 | --- | 71,600 | Ton | --- | 7,098,000 |
| Totals | 2009 | g/414,273 | --- | --- | --- | --- | \$ 276,645,000 |
| | 2008 | g/450,922 | --- | --- | --- | --- | \$ 562,302,000 |

*Revised a/ May contain dryland. b/ Pounds Lint per Acre. 7 c/ 500 Pound Net Weight Bale. d/ Price per Pound.
e/ Includes: Field Corn (Grain), Tiffany Teff, Rye, Safflower, Sorghum and Straw f/ Includes: Field Corn (Grain), Tiffany Teff, Rye, Sorghum and Straw. g/ Does not include Range acreage.

Vegetable Crops - 2009

| CROP | YEAR | HARVESTED ACRES | PRODUCTION PER ACRE | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|--------------------|------|-----------------|---------------------|------------------|------|------------|--------------|
| Cantaloupe | 2009 | 580 | 21.72 | 12,600 | Ton | \$ 284.00 | \$ 3,580,000 |
| | 2008 | 666 | 15.47 | 10,300 | Ton | \$ 329.00 | \$ 3,392,000 |
| Garlic, Processed | 2009 | 420 | 7.62 | 3,200 | Ton | 710.00 | 2,279,000 |
| | 2008 | 2,580 | 8.72 | 22,500 | Ton | 534.00 | 11,992,000 |
| Garlic, Fresh | 2009 | 1,003 | 5.49 | 5,500 | Ton | 1,030.00 | 5,646,000 |
| | 2008 | 372 | 9.94 | 3,700 | Ton | 900.00 | 3,365,000 |
| Lettuce, Head | 2009 | --- | --- | --- | Ton | --- | --- |
| | 2008 | 1,230 | 16.50 | 20,300 | Ton | --- | 6,854,000 |
| Melons, Other | 2009 | --- | --- | --- | Ton | --- | --- |
| | 2008 | 469 | 16.07 | 7,530 | Ton | 449.00 | 3,383,000 |
| Onions, Fresh | 2009 | 1,910 | 36.07 | 68,900 | Ton | 172.00 | 11,849,000 |
| | 2008 | 1,260 | 22.46 | 28,300 | Ton | 172.00 | 4,867,000 |
| Onions, Dehydrator | 2009 | 3,810 | 20.08 | 76,500 | Ton | 190.00 | 14,588,000 |
| | 2008 | 3,110 | 17.11 | 53,200 | Ton | 183.00 | 9,717,000 |
| Peppers, Bell | 2009 | 1,652 | 28.99 | 47,900 | Ton | 602.00 | 28,844,000 |
| | 2008 | 1,840 | 15.71 | 28,900 | Ton | 1,158.00 | 33,465,000 |



Vegetable Crops - 2009

| CROP | YEAR | HARVESTED ACRES | PRODUCTION PER ACRE | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|-----------------------|-------------|-----------------|---------------------|------------------|------------|------------|-----------------------|
| Potatoes, All | 2009 | 14,390 | 21.55 | 379,310 | Ton | --- | \$ 99,926,000 |
| | 2008 | 15,990 | 24.70 | 395,010 | Ton | --- | \$ 92,856,000 |
| <u>Spring Total</u> | 2009 | 12,690 | 23.33 | 365,300 | Ton | --- | 92,047,000 |
| | 2008 | 12,640 | 27.72 | 350,400 | Ton | --- | 73,453,000 |
| Fresh Market | 2009 | --- | --- | 234,000 | Ton | \$ 354.00 | 82,726,000 |
| | 2008 | --- | --- | 210,000 | Ton | \$ 292.00 | 61,371,000 |
| Processing | 2009 | --- | --- | 72,800 | Ton | 120.00 | 8,736,000 |
| | 2008 | --- | --- | 87,900 | Ton | 131.00 | 11,557,000 |
| Culls | 2009 | --- | --- | 58,500 | Ton | 10.00 | 585,000 |
| | 2008 | --- | --- | 52,500 | Ton | 10.00 | 525,000 |
| <u>Winter Total</u> | 2009 | 1,700 | 8.24 | 14,010 | Ton | --- | 7,879,000 |
| | 2008 | 3,350 | 13.32 | 44,610 | Ton | --- | 19,403,000 |
| Fresh Market | 2009 | --- | --- | 11,200 | Ton | 701.00 | 7,851,000 |
| | 2008 | --- | --- | 35,700 | Ton | 541.00 | 19,314,000 |
| Culls | 2009 | --- | --- | 2,810 | Ton | 10.00 | 28,100 |
| | 2008 | --- | --- | 8,910 | Ton | 10.00 | 89,100 |
| Tomatoes, Fresh | 2009 | --- | --- | --- | Ton | --- | --- |
| | 2008 | --- | --- | --- | Ton | --- | --- |
| Tomatoes, Processing | 2009 | --- | --- | --- | Ton | --- | --- |
| | 2008 | --- | --- | --- | Ton | --- | --- |
| Watermelons, Seeded | 2009 | 610 | 26.07 | 15,900 | Ton | 152.00 | 2,415,000 |
| | 2008 | 720 | 19.86 | 14,300 | Ton | 252.00 | 3,608,000 |
| Watermelons, Seedless | 2009 | 1,230 | 20.57 | 25,300 | Ton | 335.00 | 8,487,000 |
| | 2008 | 1,450 | 12.76 | 18,500 | Ton | 252.00 | 4,663,000 |
| Miscellaneous | a/2009 | 57,400 | --- | 2,198,000 | Ton | --- | 423,783,000 |
| | b/2008 | 65,100 | --- | 2,187,000 | Ton | --- | 471,512,000 |
| Totals | 2009 | 83,005 | --- | 2,833,110 | Ton | --- | \$ 601,397,000 |
| | 2008 | 94,786 | --- | 2,789,540 | Ton | --- | \$ 649,674,000 |

a/ Includes: Arugula, Asparagus, Bok Choy, Broccoli (Fresh & Processed), Butter Lettuce, Cabbage (Fresh & Processed), Carrots, Cauliflower, Celery, Chard, Chinese Greens, Cilantro, Collard, Corn (Sweet), Cucumber (Fresh & Processed), Daikon, Dandelion, Dill, Eggplant, Endive, Escarole, Fennel, Head Lettuce, Kale, Kohlrabi, Leaf Lettuce, Leek, Melons(Other), Mustard, Parsley (Fresh & Processed), Parsnip, Peppers (Chili & Processed), Pumpkins, Radishes, Red Beets, Romaine Lettuce, Rutabaga, Spinach (Fresh & Processed), Squash, Sweet Potatoes, Tomatoes (Fresh & Processed) and Turnips.

b/ Includes: Arugula, Asparagus, Bok Choy, Broccoli (Fresh & Processed), Butter Lettuce, Cabbage (Fresh & Processed), Carrots, Cauliflower, Celery, Chard, Chinese Greens, Cilantro, Collard, Corn (Sweet), Cucumber (Fresh & Processed), Daikon, Dandelion, Dill, Eggplant, Endive, Escarole, Fennel, Kale, Kohlrabi, Leaf Lettuce, Leek, Mustard, Parsley (Fresh & Processed), Parsnip, Peppers (Chili & Processed), Pumpkins, Radishes, Red Beets, Romaine Lettuce, Rutabaga, Spinach (Fresh & Processed), Squash, Sweet Potatoes, Tomatoes (Fresh & Processed) and Turnips.

Nursery Crops - 2009

| CROP | YEAR | HARVESTED ACRES | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|-----------------------------|-------------|-----------------|------------------|------------|------------|----------------------|
| Christmas Trees | 2009 | --- | 200 | Tree | --- | \$ 8,000 |
| | 2008 | --- | 200 | Tree | --- | \$ 7,800 |
| Fruit and Nut Trees & Vines | a/2009 | 486 | 5,955,000 | Plant | --- | 27,457,000 |
| | a/2008 | 676 | 9,746,000 | Plant | --- | 43,368,000 |
| Herbaceous Plants | 2009 | --- | --- | --- | --- | 543,000 |
| | 2008 | --- | --- | --- | --- | 411,000 |
| Ornamental Trees & Shrubs | a/2009 | 43 | 57,800 | Plant | --- | 240,000 |
| | a/2008 | 66 | 390,000 | Plant | --- | 1,195,000 |
| Propagative Material | 2009 | --- | --- | --- | --- | 833,000 |
| | 2008 | --- | --- | --- | --- | 2,098,000 |
| Roses | 2009 | 637 | 8,974,000 | Plant | \$ 3.03 | 27,201,000 |
| | 2008 | 1,130 | 9,362,000 | Plant | \$ 2.93 | 27,441,000 |
| Turf | 2009 | 870 | 37,897,000 | Sq Ft | 0.20 | 7,579,000 |
| | 2008 | 880 | 38,373,000 | Sq Ft | 0.27 | 10,301,000 |
| Totals | 2009 | 2,036 | --- | --- | --- | \$ 63,861,000 |
| | 2008 | 2,799 | --- | --- | --- | \$ 84,822,000 |

a/ Includes container grown plants.

Industrial & Wood Crops - 2009

| CROP | YEAR | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|----------------------|-------------|------------------|------------|-------------|----------------------|
| Almond Shells | 2009 | 95,200 | Ton | --- | \$ 5,143,000 |
| | 2008 | 111,000 | Ton | --- | \$ 5,831,000 |
| Biomass & Composting | 2009 | 350,000 | Ton | --- | 5,560,000 |
| | 2008 | 240,000 | Ton | --- | 4,583,000 |
| Timber | a/2009 | 1,096 | Brd Ft | --- | 142,000 |
| | a/2008 | 2,584 | Brd Ft | --- | 482,000 |
| Wood for Fuel | 2009 | 1,000 | Cord | b/\$ 280.00 | 280,000 |
| | 2008 | 1,100 | Cord | b/\$ 284.00 | 312,000 |
| Totals | 2009 | --- | --- | --- | \$ 11,125,000 |
| | 2008 | --- | --- | --- | \$ 11,208,000 |

a/ Previous year's production and value based on information provided by : Timber Tax Division, Property Tax Department, State Board of Equalization.

b/ Price includes U.S. Forest Service Permits for woodcutting.

Livestock & Poultry - 2009

| COMMODITY | YEAR | NUMBER OF HEAD | TOTAL LIVEWEIGHT | UNIT | UNIT VALUE | TOTAL VALUE |
|-----------------|-------------|----------------|------------------|------------|------------|-----------------------|
| Cattle & Calves | 2009 | 284,000 | --- | Head | \$ 613.00 | \$ 174,216,000 |
| | 2008 | 306,000 | --- | Head | \$ 721.00 | \$ 220,546,000 |
| Sheep & Lambs | 2009 | 100,000 | 60,000 | Cwt | 105.00 | 6,300,000 |
| | 2008 | 100,000 | 93,000 | Cwt | 104.40 | 9,713,000 |
| Hogs | 2009 | 1,919 | 4,340 | Cwt | 42.20 | 183,000 |
| | 2008 | 1,606 | 3,630 | Cwt | 48.50 | 176,000 |
| Ostriches | 2009 | --- | --- | --- | --- | --- |
| | 2008 | 3,349 | --- | --- | --- | 865,000 |
| Miscellaneous | a/2009 | --- | --- | --- | --- | 2,069,000 |
| | b/2008 | --- | --- | --- | --- | 1,245,000 |
| Totals | 2009 | --- | --- | --- | --- | \$ 182,768,000 |
| | 2008 | --- | --- | --- | --- | \$ 232,545,000 |

a/ Includes: Game Birds for Meat, Registered Freshwater Aquaculturists, Ostriches and Other.

b/ Includes: Game Birds for Meat, Registered Freshwater Aquaculturists and Other.

Livestock & Poultry Products - 2009

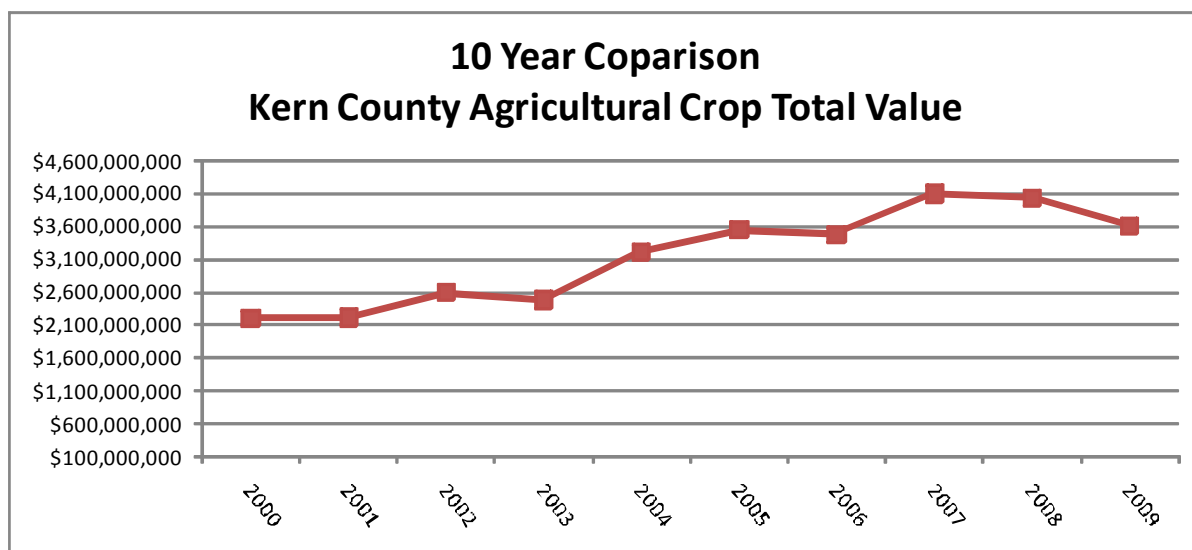
| PRODUCT | YEAR | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|---------------------|-------------|------------------|------------|------------|-----------------------|
| Milk, Market | 2009 | 36,533,000 | Cwt | \$ 12.00 | \$ 437,300,000 |
| | 2008 | 38,630,000 | Cwt | \$ 15.60 | \$ 601,083,000 |
| Milk, Manufacturing | 2009 | 26,800 | Cwt | 11.60 | 310,000 |
| | 2008 | 28,800 | Cwt | 18.20 | 523,000 |
| Manure | 2009 | 713,000 | Ton | --- | 961,000 |
| | 2008 | 708,000 | Ton | --- | 584,000 |
| Wool | 2009 | 800,000 | Lb. | 0.80 | 640,000 |
| | 2008 | 825,000 | Lb. | 1.00 | 825,000 |
| Eggs | 2009 | --- | --- | --- | 30,102,000 |
| | 2008 | --- | --- | --- | 48,117,000 |
| Totals | 2009 | --- | --- | --- | \$ 469,313,000 |
| | 2008 | --- | --- | --- | \$ 651,132,000 |

Apiary Products - 2009

| COMMODITY | YEAR | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|-----------------------|-------------|------------------|------------|------------|----------------------|
| Honey | 2009 | 2,532,000 | Lb | \$ 1.39 | \$ 3,520,000 |
| | 2008 | 3,941,000 | Lb | \$ 1.41 | \$ 5,557,000 |
| Beeswax | 2009 | 317,000 | Lb | 2.15 | 681,000 |
| | 2008 | 493,000 | Lb | 2.26 | 1,113,000 |
| Pollination | 2009 | 290,000 | Colony | 127.00 | 36,822,000 |
| | 2008 | 304,000 | Colony | 141.00 | 42,802,000 |
| Other Apiary Products | 2009 | --- | --- | --- | 400,000 |
| | 2008 | --- | --- | --- | 459,000 |
| Totals | 2009 | --- | --- | --- | \$ 41,423,000 |
| | 2008 | --- | --- | --- | \$ 49,931,000 |

Summary - 2009

| COMMODITY | YEAR | HARVESTED ACRES | RANGE | TOTAL VALUE |
|------------------------------|-------------|-----------------|------------------|-------------------------|
| Fruit & Nut Crops | 2009 | 333,460 | --- | \$ 1,952,661,000 |
| | 2008 | 326,546 | --- | \$ 1,787,077,000 |
| Field Crops & Rangeland | 2009 | 414,273 | 1,498,000 | 276,645,000 |
| | 2008 | 450,922 | 1,483,000 | 562,302,000 |
| Vegetable Crops | 2009 | 83,005 | --- | 601,397,000 |
| | 2008 | 94,786 | --- | 649,674,000 |
| Nursery Crops | 2009 | 2,035 | --- | 63,861,000 |
| | 2008 | 2,799 | --- | 84,822,000 |
| Industrial & Wood Crops | 2009 | --- | --- | 11,125,000 |
| | 2008 | --- | --- | 11,208,000 |
| Seed Crops | 2009 | 3,425 | --- | 7,305,000 |
| | 2008 | 3,484 | --- | 4,621,000 |
| Livestock & Poultry | 2009 | --- | --- | 182,768,000 |
| | 2008 | --- | --- | 232,545,000 |
| Livestock & Poultry Products | 2009 | --- | --- | 469,313,000 |
| | 2008 | --- | --- | 651,132,000 |
| Apiary Products | 2009 | --- | --- | 41,423,000 |
| | 2008 | --- | --- | 49,931,000 |
| Totals | 2009 | 836,198 | 1,498,000 | \$ 3,606,498,000 |
| | 2008 | 878,538 | 1,483,000 | \$ 4,033,312,000 |
| Total value without Timber | 2009 | | | \$ 3,606,015,855 |
| | 2008 | | | \$ 4,032,829,655 |



Pest Prevention & Control - 2009

PEST EXCLUSION

| <u>INSPECTION TYPE</u> | <u>PREMISES VISITED</u> | <u>SHIPMENTS INSPECTED</u> | <u>REJECTIONS</u> | <u>PESTS AorQ</u> |
|-------------------------|-------------------------|----------------------------|-------------------|-----------------------|
| CA Overnight | 165 | 833 | 0 | |
| U. S. Post Office | 157 | 1,238 | 5 | |
| UPS | 121 | 434 | 0 | |
| Federal Express | 336 | 3,471 | 11 | 1 |
| Federal Express Ground | 110 | 2,878 | 0 | |
| Gypsy Moth | 32 | 32 | 0 | |
| Florida/Southern States | 41 | 498 | 1 | 1 |
| Hawaii | 47 | 153 | 0 | |
| Truck | 64 | 88 | 4 | |
| Specialty Market | 20 | 77 | 0 | |
| Beehives | 229 | 248 | 0 | |
| Other | 0 | 0 | 0 | |

EXPORT TRAPPING

| <u>CROP</u> | <u>TRAPS DEPLOYED</u> | <u>COUNTRY</u> | <u>PEST</u> |
|-------------|-----------------------|----------------|---|
| Apples | 123 | Various | Apple Maggot (<u>Rhagoletis pomonella</u>) |

PEST DETECTION & TRAPPING

| <u>TRAP NAME</u> | <u>NUMBER OF TRAPS DEPLOYED</u> |
|--|---------------------------------|
| Jackson Trap | |
| Light Brown Apple Moth (<u>Epiphyas postvittana</u>) | 502 |
| Mediterranean Fruit Fly (<u>Ceratitidis capitata</u>) | 498 |
| Melon Fruit Fly (<u>Bactrocera curcurbitae</u>) | 241 |
| Oriental Fruit Fly (<u>Bactrocera dorsalis</u>) | 290 |
| McPhail Trap | |
| Mexican Fruit Fly (<u>Anastrepha ludens</u>) | 268 |
| Delta Trap | |
| Gypsy Moth (<u>Lymantria dispar</u>) | 354 |
| Japanese Beetle Trap | 340 |
| (<u>Popillia japonica</u>) | |
| TrogoTrap Khapra Beetle | 60 |
| (<u>Trogoderma granarium</u>) | |
| European Corn Borer Trap | 63 |
| (<u>Ostrinia nubilalis</u>) | |
| European Pine Shoot Moth Trap | 3 |
| (<u>Rhyacionia buoliana</u>) | |
| Glassy-winged Sharpshooter | 3,863 |
| (<u>Homalodisca coagulata</u>) | |
| Champ Trap | 392 |
| Mexican Fruit Fly (<u>Anastrepha ludens</u>) | |

Pest Prevention & Control - 2009

BIOLOGICAL CONTROL ACTIVITIES

| <u>PEST</u> | <u>AGENT</u> |
|--|--|
| Purple Loosestrife <u>Lythrum salicaria</u> | Leaf Beetle <u>Galerucella spp.</u> |
| Yellowstar Thistle <u>Centaurea solstitialis</u> | Hairy Weevil <u>Eustenopus villosus</u> |
| | Flower Weevil <u>Larinus curtus</u> |
| Puncture Vine <u>Tribulus terrestris</u> | Seed Weevil <u>Microlarinus lareynii</u> |
| | Stem-boring Weevil <u>Microlarinus lypriformis</u> |
| Glassy-winged Sharpshooter <u>Homalodisca coagulata</u> | Mymarid egg parasitoids <u>Gonatocerus ashmeadi</u> (ex Mexico) <u>Gonatocerus triguttatu</u> (ex Texas) |

PEST ERADICATION

PINK BOLLWORM

| | | |
|------------------|-------------|---|
| Trapping* | 15 | Natives Detected (in Kern County) |
| Sterile Release* | 220,000,000 | Moths (approximately) (in San Joaquin Valley) |
| Plowdown* | 39,590 | Acres |

*Cooperative Pink Bollworm Project

DIRECT MARKETING & ORGANIC FARMING

DIRECT MARKETING PROGRAM

Direct Marketing is a system that allows Certified Producers to market their produce directly to consumers via Certified Farmers Markets. The Agricultural Commissioner/Sealer's Office regulates this program to insure that only certified produce is sold at Certified Farmers Markets.

| | |
|--------------------------|-----|
| Certified Farmers Market | 17 |
| Certified Producers | 122 |

REGISTERED ORGANIC GROWER PROGRAM

Producers and growers who market their produce as "Organic" or "Organically Grown" must be certified by an accredited certifying agency and are required to register their organic fields with the state. The County Agricultural Commissioner/Sealer's Office inspects these fields to insure compliance with applicable laws and regulations.

| | | | |
|--------------------|---------------------|-----------------------|------------------|
| Registered Growers | Registered Handlers | Registered Processors | Registered Acres |
| 54 | 5 | 1 | 12,970 |

Partial listing of registered crops: Alfalfa, Apples, Broccoli, Carrots, Cotton, Lettuce, Melons (Cantaloupe, Watermelons, etc.), Olives, Onions, Oranges, Potatoes, Raisins, Safflower, Stonefruit, Table Grapes, Tomatoes, and Wheat.