

DEPARTMENT OF AGRICULTURE

1001 South Mount Vernon Avenue, Bakersfield, California 93307
(661) 868-6300 FAX (661) 868-6301
E-mail: agcom15@netxn.com Website: http://www.kernag.com

THEODORE K. DAVIS
Agricultural Commissioner

LOUIE I. CERVANTES
Assistant Commissioner



JACK E. MARKS
Deputy Commissioner

DAVID J. MOORE
Deputy Commissioner

1999

Mr. Bill Lyons, Secretary
California Dept. of Food & Agriculture
-and-
The Honorable Board of Supervisors
County of Kern

In accordance with Section 2279 of the California Food and Agriculture Code, I submit the Agricultural Crop Report for 1999.

The 1999 total value of agricultural commodities produced in Kern County is \$2,129,569,400. This represents a 2% increase from the 1998 crop value. Kern County continues to exceed the \$2 Billion mark.

The total value for all citrus combined decreased 42% due to the December 1998 freeze. Due to the 1998-1999 citrus season freeze, total values for lemons decreased 90%, Valencia oranges decreased 85%, grapefruit decreased 84%, tangerines and tangelos decreased 54%, processing citrus decreased by 33% and Navel oranges decreased 17%.

Total harvested acres were up by 1.6%. Fruit and Nut harvested acres were up 7.5% and bearing cherry acreage increased 32%. As a result of the losses incurred by citrus and almonds, cotton is again the number two commodity. Cotton rebounded with an increase in the production per acre by 48%.

These figures represent a **Gross** receipt of producers and **do not** take into account the various costs of production, marketing, or transportation. **No attempt is made to reflect net income of the producer.**

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Theodore K. Davis", is written over a horizontal line.

Theodore K. Davis
Agricultural Commissioner

KERN COUNTY 1999 CROP REPORT - TOP 20 CROPS

| | <i>COMMODITY</i> | <i>VALUE</i> | <i>1998 RANKING</i> |
|-----|---|----------------------|---------------------|
| 1. | <i>Grapes</i> | <i>\$491,269,000</i> | <i>1</i> |
| 2. | <i>Cotton, Including Processed Cottonseed</i> | <i>233,485,000</i> | <i>5</i> |
| 3. | <i>Citrus, Fresh and Processing</i> | <i>173,887,000</i> | <i>2</i> |
| 4. | <i>Milk, Market and Manufacturing</i> | <i>163,985,000</i> | <i>4</i> |
| 5. | <i>Almonds, Including By-Products</i> | <i>143,303,000</i> | <i>3</i> |
| 6. | <i>Carrots, Fresh and Processing</i> | <i>107,711,000</i> | <i>6</i> |
| 7. | <i>Nursery Crops</i> | <i>99,129,000</i> | <i>8</i> |
| 8. | <i>Cattle and Calves</i> | <i>85,162,000</i> | <i>10</i> |
| 9. | <i>Hay, Alfalfa</i> | <i>82,396,000</i> | <i>9</i> |
| 10. | <i>Potatoes, Fresh and Processing</i> | <i>76,295,400</i> | <i>11</i> |
| 11. | <i>Pistachios</i> | <i>66,575,000</i> | <i>7</i> |
| 12. | <i>Pasture, All</i> | <i>41,689,000</i> | <i>22</i> |
| 13. | <i>Apples, All</i> | <i>41,148,000</i> | <i>12</i> |
| 14. | <i>Bell Peppers, Fresh and Processing</i> | <i>27,881,000</i> | <i>16</i> |
| 15. | <i>Wheat</i> | <i>23,470,000</i> | <i>14</i> |
| 16. | <i>Onions, Fresh and Dehydrator</i> | <i>22,055,000</i> | <i>13</i> |
| 17. | <i>Tomatoes, Fresh and Processing</i> | <i>21,660,000</i> | <i>15</i> |
| 18. | <i>Garlic, Fresh and Dehydrator</i> | <i>15,192,000</i> | <i>20</i> |
| 19. | <i>Silage and Forage</i> | <i>13,785,000</i> | <i>25</i> |
| 20. | <i>Lettuce, Head</i> | <i>12,060,000</i> | <i>24</i> |

KERN COUNTY 1999 CROP REPORT - PERMANENT ACREAGE

| <i>CROP</i> | <i>YEAR</i> | <i>BEARING</i> | <i>NON-BEARING</i> | <i>TOTAL</i> |
|--------------------|-------------|----------------|--------------------|----------------|
| <i>Almonds</i> | <i>1999</i> | <i>88,947</i> | <i>23,236</i> | <i>112,183</i> |
| | <i>1998</i> | <i>79,587</i> | <i>12,836</i> | <i>92,423</i> |
| <i>Apples</i> | <i>1999</i> | <i>5,237</i> | <i>0</i> | <i>5,237</i> |
| | <i>1998</i> | <i>5,429</i> | <i>64</i> | <i>5,493</i> |
| <i>Apricots</i> | <i>1999</i> | <i>723</i> | <i>43</i> | <i>766</i> |
| | <i>1998</i> | <i>692</i> | <i>128</i> | <i>820</i> |
| <i>Cherries</i> | <i>1999</i> | <i>515</i> | <i>1,007</i> | <i>1,522</i> |
| | <i>1998</i> | <i>385</i> | <i>766</i> | <i>1,151</i> |
| <i>Figs</i> | <i>1999</i> | <i>850</i> | <i>0</i> | <i>850</i> |
| | <i>1998</i> | <i>404</i> | <i>111</i> | <i>515</i> |
| <i>Grapefruit</i> | <i>1999</i> | <i>1,373</i> | <i>113</i> | <i>1,486</i> |
| | <i>1998</i> | <i>1,158</i> | <i>396</i> | <i>1,554</i> |
| <i>GRAPES, ALL</i> | <i>1999</i> | <i>88,528</i> | <i>3,366</i> | <i>91,894</i> |
| | <i>1998</i> | <i>81,434</i> | <i>7,621</i> | <i>89,055</i> |
| <i>Raisin</i> | <i>1999</i> | <i>25,487</i> | <i>281</i> | <i>25,768</i> |
| | <i>1998</i> | <i>25,609</i> | <i>577</i> | <i>26,186</i> |
| <i>Table</i> | <i>1999</i> | <i>30,873</i> | <i>1,875</i> | <i>32,748</i> |
| | <i>1998</i> | <i>27,403</i> | <i>3,626</i> | <i>31,029</i> |
| <i>Wine</i> | <i>1999</i> | <i>32,168</i> | <i>1,210</i> | <i>33,378</i> |
| | <i>1998</i> | <i>28,422</i> | <i>3,418</i> | <i>31,840</i> |
| <i>Kiwi</i> | <i>1999</i> | <i>306</i> | <i>0</i> | <i>306</i> |
| | <i>1998</i> | <i>303</i> | <i>0</i> | <i>303</i> |
| <i>Lemons</i> | <i>1999</i> | <i>3,766</i> | <i>0</i> | <i>3,766</i> |
| | <i>1998</i> | <i>3,766</i> | <i>0</i> | <i>3,766</i> |
| <i>Nectarines</i> | <i>1999</i> | <i>1,801</i> | <i>70</i> | <i>1,871</i> |
| | <i>1998</i> | <i>2,156</i> | <i>106</i> | <i>2,262</i> |
| <i>Olives</i> | <i>1999</i> | <i>820</i> | <i>5</i> | <i>825</i> |
| | <i>1998</i> | <i>1,154</i> | <i>14</i> | <i>1,168</i> |

KERN COUNTY 1999 CROP REPORT - PERMANENT ACREAGE

| <i>CROP</i> | <i>YEAR</i> | <i>BEARING</i> | <i>NON-BEARING</i> | <i>TOTAL</i> |
|--------------------------------------|--------------------|-----------------------|----------------------|-----------------------|
| <i>ORANGES, ALL</i> | <i>1999</i> | <i>36,921</i> | <i>1,071</i> | <i>37,992</i> |
| | <i>1998</i> | <i>37,256</i> | <i>1,864</i> | <i>39,120</i> |
| <i>Navels</i> | <i>1999</i> | <i>27,617</i> | <i>768</i> | <i>28,385</i> |
| | <i>1998</i> | <i>27,270</i> | <i>1,405</i> | <i>28,675</i> |
| <i>Valencias</i> | <i>1999</i> | <i>9,304</i> | <i>303</i> | <i>9,607</i> |
| | <i>1998</i> | <i>9,986</i> | <i>459</i> | <i>10,445</i> |
| <i>Peaches</i> | <i>1999</i> | <i>2,053</i> | <i>314</i> | <i>2,367</i> |
| | <i>1998</i> | <i>2,091</i> | <i>308</i> | <i>2,399</i> |
| <i>Pears</i> | <i>1999</i> | <i>288</i> | <i>0</i> | <i>288</i> |
| | <i>1998</i> | <i>284</i> | <i>16</i> | <i>300</i> |
| <i>Pecans</i> | <i>1999</i> | <i>603</i> | <i>0</i> | <i>603</i> |
| | <i>1998</i> | <i>603</i> | <i>0</i> | <i>603</i> |
| <i>Persimmons</i> | <i>1999</i> | <i>339</i> | <i>15</i> | <i>354</i> |
| | <i>1998</i> | <i>124</i> | <i>22</i> | <i>146</i> |
| <i>Pistachios</i> | <i>1999</i> | <i>29,335</i> | <i>6,814</i> | <i>36,149</i> |
| | <i>1998</i> | <i>25,932</i> | <i>6,142</i> | <i>32,074</i> |
| <i>Plums</i> | <i>1999</i> | <i>2,583</i> | <i>233</i> | <i>2,816</i> |
| | <i>1998</i> | <i>2,379</i> | <i>105</i> | <i>2,484</i> |
| <i>Pomegranates</i> | <i>1999</i> | <i>434</i> | <i>529</i> | <i>963</i> |
| | <i>1998</i> | <i>430</i> | <i>0</i> | <i>430</i> |
| <i>Prunes</i> | <i>1999</i> | <i>290</i> | <i>32</i> | <i>322</i> |
| | <i>1998</i> | <i>102</i> | <i>220</i> | <i>322</i> |
| <i>Tangerines & Tangelos</i> | <i>1999</i> | <i>1,471</i> | <i>721</i> | <i>2,192</i> |
| | <i>1998</i> | <i>1,467</i> | <i>437</i> | <i>1,904</i> |
| <i>Walnuts</i> | <i>1999</i> | <i>1,435</i> | <i>20</i> | <i>1,455</i> |
| | <i>1998</i> | <i>1,461</i> | <i>17</i> | <i>1,478</i> |
| <i>Misc.</i> | <i>a/1999</i> | <i>94</i> | <i>12</i> | <i>106</i> |
| | <i>b/1998</i> | <i>99</i> | <i>0</i> | <i>99</i> |
| <i>TOTALS</i> | <i>1999</i> | <i>268,712</i> | <i>37,601</i> | <i>306,313</i> |
| | <i>1998</i> | <i>248,696</i> | <i>31,173</i> | <i>279,869</i> |

a/ Includes: Chestnut, Kumquat, Plumcot, and Pluot. b/ Includes: Chestnut, Guava/Feijoa, Kumquat, Plumcot, and Quince.

KERN COUNTY 1999 CROP REPORT - FRUITS & NUTS

| CROP | YEAR | HARVESTED ACRES | PRODUCTION PER ACRE | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|---------------------------|---------|--------------------|------------------------|---------------------|------|---------------|----------------|
| Almonds | 1999 | 88,947 | 0.88 | a/78,400 | Ton | \$1,710.00 | \$134,161,000 |
| | 1998 | 79,587 | 0.62 | a/49,300 | Ton | 3,200.00 | 157,984,000 |
| Almond | 1999 | --- | --- | 166,000 | Ton | 55.10 | 9,142,000 |
| By-Products | 1998 | --- | --- | 111,000 | Ton | 69.70 | 7,735,000 |
| APPLES, ALL | 1999 | 5,237 | 20.68 | 108,300 | Ton | --- | 41,148,000 |
| | 1998 | 5,429 | 19.32 | 104,900 | Ton | --- | 30,754,000 |
| Fresh | 1999 | --- | --- | 82,800 | Ton | 478.00 | 39,616,000 |
| | 1998 | --- | --- | 64,400 | Ton | 450.00 | 28,951,000 |
| Processing | 1999 | --- | --- | 25,500 | Ton | 60.10 | 1,532,000 |
| | 1998 | --- | --- | 40,500 | Ton | 44.50 | 1,803,000 |
| Apricots | 1999 | 723 | 4.82 | 3,480 | Ton | 1,080.00 | 3,757,000 |
| | 1998 | 692 | 3.68 | 2,550 | Ton | 1,090.00 | 2,774,000 |
| Cherries | 1999 | 515 | 1.55 | 800 | Ton | 4,990.00 | 3,990,000 |
| | b/1998 | --- | --- | --- | Ton | --- | --- |
| CITRUS, ALL | 1999 | 43,531 | 10.43 | 454,200 | Ton | --- | 173,887,000 |
| | 1998 | 43,647 | 18.07 | 788,700 | Ton | --- | 301,847,000 |
| Grapefruit | c/1999 | 1,373 | 1.46 | 2,000 | Ton | 549.00 | 1,098,000 |
| | 1998 | 1,158 | 12.18 | 14,100 | Ton | 499.00 | 7,034,000 |
| Lemons | c/1999 | 3,766 | 1.30 | 4,900 | Ton | 784.00 | 3,839,000 |
| | 1998 | 3,766 | 19.07 | 71,800 | Ton | 525.00 | 37,714,000 |
| Oranges, Navel | c/1999 | 27,617 | 7.93 | 219,000 | Ton | 685.00 | 150,065,000 |
| | 1998 | 27,270 | 14.63 | 399,000 | Ton | 455.00 | 181,631,000 |
| Oranges, Valencia | c/1999 | 9,304 | 1.27 | 11,800 | Ton | 742.00 | 8,755,000 |
| | 1998 | 9,986 | 12.22 | 122,000 | Ton | 469.00 | 57,244,000 |
| Tangerine & Tangelo | c/1999 | 1,471 | 3.74 | 5,500 | Ton | 820.00 | 4,511,000 |
| | 1998 | 1,467 | 11.45 | 16,800 | Ton | 583.00 | 9,798,000 |
| Processing, All Citrus | c/1999 | --- | --- | 211,000 | Ton | 26.60 | 5,619,000 |
| | 1998 | --- | --- | 165,000 | Ton | 51.10 | 8,426,000 |
| GRAPES, ALL | 1999 | 88,283 | 8.29 | 731,700 | Ton | --- | 491,269,000 |
| | *1998 | 81,122 | 8.39 | 680,970 | Ton | --- | 427,276,000 |
| Raisin | d/1999 | 25,242 | 7.49 | 189,100 | Ton | --- | 136,134,000 |
| Variety | *d/1998 | 25,442 | 7.24 | 184,170 | Ton | --- | 122,039,000 |
| Fresh Market | 1999 | --- | --- | 97,300 | Ton | 1,190.00 | 115,536,000 |
| | 1998 | --- | --- | 95,600 | Ton | 1,100.00 | 105,431,000 |

KERN COUNTY 1999 CROP REPORT - FRUITS & NUTS

| CROP | YEAR | HARVESTED ACRES | PRODUCTION PER ACRE | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|-----------------|---------|--------------------|------------------------|---------------------|------|---------------|----------------|
| Raisins | e/1999 | --- | --- | 3,340 | Ton | \$ 1,420.00 | \$ 4,756,000 |
| | e/1998 | --- | --- | 3,150 | Ton | 1,290.00 | 4,061,000 |
| Processing | 1999 | --- | --- | 11,800 | Ton | 253.00 | 2,984,000 |
| | 1998 | --- | --- | 7,570 | Ton | 249.00 | 1,886,000 |
| Crushed | 1999 | --- | --- | 65,000 | Ton | 198.00 | 12,858,000 |
| | 1998 | --- | --- | 65,900 | Ton | 162.00 | 10,661,000 |
| Juice | b/1999 | --- | --- | --- | Ton | --- | --- |
| | *b/1998 | --- | --- | --- | Ton | --- | --- |
| <u>Table</u> | 1999 | 30,873 | 9.15 | 282,600 | Ton | --- | 279,634,000 |
| <u>Variety</u> | 1998 | 27,403 | 8.06 | 220,800 | Ton | --- | 221,308,000 |
| Fresh Market | 1999 | --- | --- | 222,000 | Ton | 1,210.00 | 268,213,000 |
| | 1998 | --- | --- | 171,000 | Ton | 1,250.00 | 214,322,000 |
| Crushed | 1999 | --- | --- | 60,600 | Ton | 188.00 | 11,421,000 |
| | 1998 | --- | --- | 49,800 | Ton | 140.00 | 6,986,000 |
| Raisin | 1999 | --- | --- | --- | Ton | --- | --- |
| | 1998 | --- | --- | --- | Ton | --- | --- |
| <u>Wine</u> | 1999 | 32,168 | 8.08 | 260,000 | Ton | --- | 75,501,000 |
| <u>Variety</u> | 1998 | 28,277 | 9.76 | 276,000 | Ton | --- | 83,929,000 |
| Crushed | 1999 | --- | --- | 260,000 | Ton | 290.00 | 75,501,000 |
| | 1998 | --- | --- | 276,000 | Ton | 304.00 | 83,929,000 |
| Juice | 1999 | --- | --- | --- | Ton | --- | --- |
| | b/1998 | --- | --- | --- | Ton | --- | --- |
| Kiwi | 1999 | 306 | 6.57 | 2,010 | Ton | 1,390.00 | 2,795,000 |
| | 1998 | 303 | 8.71 | 2,640 | Ton | 400.00 | 1,057,000 |
| Nectarines | 1999 | 1,801 | 5.05 | 9,100 | Ton | 1,240.00 | 11,300,000 |
| | 1998 | 2,156 | 5.43 | 11,700 | Ton | 1,180.00 | 13,769,000 |
| Olives | 1999 | 820 | 6.32 | 5,180 | Ton | 505.00 | 2,617,000 |
| | 1998 | 1,154 | 1.93 | 2,230 | Ton | 460.00 | 1,026,000 |
| Peaches | 1999 | 2,053 | 4.41 | 9,050 | Ton | 1,070.00 | 9,687,000 |
| | 1998 | 2,091 | 6.22 | 13,000 | Ton | 825.00 | 10,720,000 |
| Pistachios | 1999 | 29,335 | 0.87 | f/25,400 | Ton | 2,620.00 | 66,575,000 |
| | *1998 | 25,932 | 1.77 | f/45,900 | Ton | 2,060.00 | 94,614,000 |
| Plums | 1999 | 2,583 | 4.10 | 10,600 | Ton | 1,020.00 | 10,799,000 |
| | 1998 | 2,379 | 5.88 | 14,000 | Ton | 1,050.00 | 14,661,000 |

KERN COUNTY 1999 CROP REPORT - FRUITS & NUTS

| CROP | YEAR | HARVESTED ACRES | PRODUCTION PER ACRE | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|---------------|--------------|--------------------|------------------------|---------------------|------------|---------------|-----------------------|
| Walnuts | 1999 | 1,435 | 1.21 | f/1,730 | Ton | \$1,100.00 | \$ 1,905,000 |
| | *1998 | 1,461 | 1.79 | f/2,610 | Ton | 1,020.00 | 2,662,000 |
| Misc. | g/1999 | 3,184 | --- | 10,360 | Ton | --- | 12,284,000 |
| | *h/1998 | 3,936 | --- | 7,950 | Ton | --- | 9,714,000 |
| TOTALS | 1999 | 268,753 | --- | 1,616,310 | Ton | --- | \$ 975,316,000 |
| | *1998 | 249,889 | --- | 1,837,450 | Ton | --- | 1,076,593,000 |

*Revised

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

b/ Acres, total production, and total value included in Miscellaneous Fruit & Nut.

c/ Production per acre was derived from total bearing acreage, although only a portion of those acres were harvested due to the December 1998 Freeze. The freeze was devastating to the 1998 - 1999 Citrus Season Crop.

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

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

Dry Ratio: 1998 - 4.80 to 1 1999 - 4.50 to 1

f/ Pistachio and walnut production stated in terms of In-shell Equivalents.

g/ Includes: Blueberries, Bushberries, Chestnut, Dates, Figs (Fresh & Dry), Kumquats, Ollaliberries, All Pears, Pecans, Persimmons, Pomegranates, Processing Apricots, Peaches and Strawberries, Prunes, Raisin Grapes for Juice Use, Raspberries, and Strawberries.

h/ Includes: Blueberries, Boysenberries, Cherries, Figs (Fresh & Dry), Kumquats, Ollaliberries, All Pears, Pecans, Persimmons, Pomegranates, Processing Apricots and Peaches, Prunes, Raspberries, Strawberries and Wine Grapes for Juice Use .

KERN COUNTY 1999 CROP REPORT - SEED CROPS

| CROP | YEAR | HARVESTED ACRES | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|---------------|-------------|--------------------|---------------------|------------|---------------|---------------------|
| Cotton | 1999 | 19,415 | 17,500 | Ton | a/\$305.00 | \$ 5,329,000 |
| | 1998 | 16,005 | 8,000 | Ton | a/285.00 | 2,281,000 |
| Field | b/1999 | 4,436 | 8,970 | Ton | --- | 2,778,000 |
| | c/1998 | 1,656 | 3,250 | Ton | --- | 726,000 |
| Vegetable | d/1999 | 955 | 135 | Ton | --- | 2,079,000 |
| | e/1998 | 797 | 59 | Ton | --- | 1,442,000 |
| TOTALS | 1999 | f/5,391 | 26,605 | Ton | --- | \$10,186,000 |
| | 1998 | f/2,453 | 11,309 | Ton | --- | 4,449,000 |

a/ Includes a per acre approval.

b/ Includes: Alfalfa, Blackeyes, Safflower, and Wheat.

c/ Includes: Alfalfa, Blackeyes, and Wheat.

d/ Includes: Broccoli, Cabbage, Cauliflower, Lettuce, Melon, Onion, and Radish.

e/ Includes: Broccoli, Cauliflower, and Onion.

f/ Does not include cotton acreage.

KERN COUNTY 1999 CROP REPORT - FIELD CROPS

| CROP | YEAR | HARVESTED ACRES | PRODUCTION PER ACRE | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|---------------------------|-------------|--------------------|------------------------|---------------------|------------|---------------|----------------------|
| Barley | a/1999 | 12,132 | 1.76 | 21,400 | Ton | \$ 94.10 | \$ 2,013,000 |
| | a/1998 | 13,824 | 2.01 | 27,800 | Ton | 93.20 | 2,592,000 |
| Beans, Dry Edible | 1999 | 7,959 | 1.45 | 11,540 | Ton | 439.00 | 5,065,000 |
| | 1998 | 6,331 | 1.16 | 7,340 | Ton | 591.00 | 4,338,000 |
| Cotton Lint, Acala | 1999 | 143,370 | b/1,365 | c/395,000 | Bale | d/0.81 | 157,540,000 |
| | 1998 | 148,045 | b/869 | c/260,000 | Bale | d/0.72 | 92,189,000 |
| Cotton Lint, Pima | 1999 | 39,995 | b/1,217 | c/98,300 | Bale | d/0.84 | 40,638,000 |
| | 1998 | 45,675 | b/791 | c/73,000 | Bale | d/0.97 | 34,982,000 |
| Cottonseed, Processing | 1999 | --- | --- | 185,000 | Ton | 191.00 | 35,307,000 |
| | 1998 | --- | --- | 124,000 | Ton | 190.00 | 23,604,000 |
| Hay, Alfalfa | 1999 | 128,000 | 8.09 | 1,035,000 | Ton | 79.60 | 82,396,000 |
| | 1998 | 120,000 | 6.98 | 838,000 | Ton | 95.90 | 80,392,000 |
| Hay, Grain | 1999 | 12,000 | 3.27 | 39,200 | Ton | 79.50 | 3,118,000 |
| | 1998 | 13,000 | 3.29 | 42,700 | Ton | 77.90 | 3,328,000 |
| Hay, Other | 1999 | 11,000 | 2.86 | 31,500 | Ton | 70.10 | 2,207,000 |
| | 1998 | 12,000 | 4.80 | 57,600 | Ton | 40.00 | 2,304,000 |
| Pasture, Irrigated | 1999 | 8,000 | --- | --- | Acre | 135.00 | 1,080,000 |
| | 1998 | 8,000 | --- | --- | Acre | 135.00 | 1,080,000 |
| Pasture, Other | 1999 | --- | --- | --- | --- | --- | 1,476,000 |
| | 1998 | --- | --- | --- | --- | --- | 895,000 |
| Pasture, Range | 1999 | 1,957,000 | --- | --- | Acre | 20.00 | 39,133,000 |
| | 1998 | 1,973,000 | --- | --- | Acre | 5.00 | 9,864,000 |
| Safflower | 1999 | 7,800 | 1.23 | 9,600 | Ton | 291.00 | 2,796,000 |
| | 1998 | 7,800 | 0.83 | 6,500 | Ton | 304.00 | 1,979,000 |
| Silage and Forage | 1999 | 45,000 | 19.16 | 862,000 | Ton | 16.00 | 13,785,000 |
| | 1998 | 41,000 | 15.56 | 638,000 | Ton | 16.80 | 10,728,000 |
| Sugar Beets | 1999 | 3,750 | 27.20 | 102,000 | Ton | 33.10 | 3,378,000 |
| | 1998 | 5,191 | 31.98 | 166,000 | Ton | 35.50 | 5,896,000 |
| Wheat | 1999 | 73,000 | 3.07 | 224,000 | Ton | 105.00 | 23,470,000 |
| | 1998 | 72,000 | 2.44 | 176,000 | Ton | 120.00 | 21,084,000 |
| Misc. | e/1999 | 10,885 | --- | 64,100 | Ton | --- | 5,256,000 |
| | f/1998 | 11,719 | --- | 55,900 | Ton | --- | 5,232,000 |
| TOTALS | 1999 | g/502,891 | --- | --- | --- | --- | \$418,658,000 |
| | 1998 | g/504,585 | --- | --- | --- | --- | 300,487,000 |

a/ May contain dryland
e/ Includes: Clover, Field Corn (Grain), Rye, Sorghum, and Straw.

b/ Pounds Lint Per Acre

c/ 495 Pounds Net Weight Bale

d/ Price Per Pound

f/ Includes: Field Corn (Grain), Rye, Sorghum, and Straw. g/ Does not include Range acreage.

KERN COUNTY 1999 CROP REPORT - VEGETABLE CROPS

| CROP | YEAR | HARVESTED ACRES | PRODUCTION PER ACRE | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|-------------------------------|-------|--------------------|------------------------|---------------------|------|---------------|----------------|
| <i>Cantaloupes</i> | 1999 | 2,889 | 11.25 | 32,500 | Ton | \$ 210.00 | \$ 6,818,000 |
| | *1998 | 2,327 | 14.05 | 32,700 | Ton | 348.00 | 11,374,000 |
| <i>Corn, Sweet</i> | 1999 | 660 | 4.91 | 3,240 | Ton | 219.00 | 710,000 |
| | 1998 | 454 | 5.59 | 2,540 | Ton | 223.00 | 566,000 |
| <i>Garlic, Dehydrator</i> | 1999 | 3,685 | 8.39 | 30,900 | Ton | 287.00 | 8,865,000 |
| | 1998 | 2,533 | 5.21 | 13,200 | Ton | 313.00 | 4,129,000 |
| <i>Garlic, Fresh</i> | 1999 | 604 | 7.28 | 4,400 | Ton | 1,440.00 | 6,327,000 |
| | 1998 | 945 | 5.51 | 5,200 | Ton | 1,840.00 | 9,580,000 |
| <i>Lettuce, Head</i> | 1999 | 2,915 | 11.68 | 34,050 | Ton | --- | 12,060,000 |
| <i>Naked Pack</i> | | --- | --- | 20,900 | Ton | 368.00 | 7,684,000 |
| <i>Wrapped Pack</i> | | --- | --- | 3,450 | Ton | 432.00 | 1,492,000 |
| <i>Bulk Shredder</i> | | --- | --- | 9,700 | Ton | 297.00 | 2,884,000 |
| <i>Lettuce, Head</i> | 1998 | 3,208 | 13.34 | 42,780 | Ton | --- | 11,008,000 |
| <i>Naked Pack</i> | | --- | --- | 26,500 | Ton | 293.00 | 7,761,000 |
| <i>Wrapped Pack</i> | | --- | --- | 4,480 | Ton | 274.00 | 1,227,000 |
| <i>Bulk Shredder</i> | | --- | --- | 11,800 | Ton | 171.00 | 2,020,000 |
| <i>Melons, Other</i> | 1999 | 1,184 | 11.23 | 13,300 | Ton | 382.00 | 5,080,000 |
| | 1998 | 952 | 12.82 | 12,200 | Ton | 258.00 | 3,151,000 |
| <i>Onions, Fresh</i> | 1999 | 1,829 | 27.88 | 51,000 | Ton | 177.00 | 9,026,000 |
| | 1998 | 1,634 | 25.70 | 42,000 | Ton | 239.00 | 10,049,000 |
| <i>Onions, Dehydrator</i> | 1999 | 7,462 | 18.89 | 141,000 | Ton | 92.40 | 13,029,000 |
| | 1998 | 8,715 | 16.87 | 147,000 | Ton | 79.70 | 11,717,000 |
| <i>Peppers, Bell</i> | 1999 | 2,536 | 16.72 | 42,400 | Ton | 630.00 | 26,711,000 |
| | 1998 | 2,415 | 12.63 | 30,500 | Ton | 599.00 | 18,263,000 |

KERN COUNTY 1999 CROP REPORT - VEGETABLE CROPS

| CROP | YEAR | HARVESTED ACRES | PRODUCTION PER ACRE | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|-----------------------|--------------|-----------------|---------------------|------------------|------------|------------|----------------------|
| POTATOES, ALL | 1999 | 19,229 | 23.13 | 444,700 | Ton | --- | \$ 76,295,400 |
| | 1998 | 23,307 | 16.93 | 394,590 | Ton | --- | 74,960,500 |
| Spring Total | 1999 | 16,087 | 25.19 | 405,200 | Ton | --- | 67,259,000 |
| | 1998 | 19,380 | 17.83 | 345,600 | Ton | --- | 58,977,000 |
| Fresh Market | 1999 | --- | --- | 236,000 | Ton | \$225.00 | 53,105,000 |
| | 1998 | --- | --- | 211,000 | Ton | 225.00 | 47,521,000 |
| Processing | 1999 | --- | --- | 110,200 | Ton | 125.00 | 13,800,000 |
| | 1998 | --- | --- | 81,800 | Ton | 136.00 | 11,087,000 |
| Culls | 1999 | --- | --- | 59,000 | Ton | 6.00 | 354,000 |
| | 1998 | --- | --- | 52,800 | Ton | 7.00 | 369,000 |
| Winter Total | 1999 | 3,142 | 12.57 | 39,500 | Ton | --- | 9,036,400 |
| | 1998 | 3,927 | 12.48 | 48,990 | Ton | --- | 15,983,500 |
| Fresh Market | 1999 | --- | --- | 31,600 | Ton | 284.00 | 8,989,000 |
| | 1998 | --- | --- | 39,200 | Ton | 406.00 | 15,915,000 |
| Culls | 1999 | --- | --- | 7,900 | Ton | 6.00 | 47,400 |
| | 1998 | --- | --- | 9,790 | Ton | 7.00 | 68,500 |
| Tomatoes, Fresh | 1999 | 2,767 | 16.59 | 45,900 | Ton | 287.00 | 13,167,000 |
| | 1998 | 2,340 | 12.86 | 30,100 | Ton | 472.00 | 14,204,000 |
| Tomatoes, Processing | 1999 | 3,600 | 39.42 | 141,900 | Ton | 59.90 | 8,493,000 |
| | 1998 | 2,700 | 34.33 | 92,700 | Ton | 54.60 | 5,066,000 |
| Watermelons, Seeded | 1999 | 1,593 | 23.85 | 38,000 | Ton | 107.00 | 4,057,000 |
| | 1998 | 1,508 | 22.15 | 33,400 | Ton | 95.70 | 3,198,000 |
| Watermelons, Seedless | 1999 | 2,415 | 19.21 | 46,400 | Ton | 121.00 | 5,625,000 |
| | 1998 | 1,691 | 25.60 | 43,300 | Ton | 134.00 | 5,814,000 |
| Misc. | a/1999 | 41,680 | --- | 1,252,000 | Ton | --- | 129,798,000 |
| | *b/1998 | 47,033 | --- | 1,303,000 | Ton | --- | 140,352,000 |
| TOTALS | 1999 | 95,048 | --- | 2,321,690 | Ton | --- | \$326,061,400 |
| | *1998 | 101,772 | --- | 2,225,210 | Ton | --- | 323,431,500 |

*Revised

a/ Includes: Artichoke, Asparagus, Beans (Snap), Broccoli, Cabbage, Cactus, Carrots, Cauliflower, Cilantro, Collard, Cucumber, Eggplant, Gai Lon, Gourds, Leaf Lettuce, Leek, Lima Beans, Mushrooms, Okra, Onions (Green), Parsley, Peas, Peppers (Chili and Processing), Processing Cantaloupe, Pumpkins, Radishes, Red Beets, Romaine Lettuce, Rutabaga, Spinach, Squash, Sweet Potatoes, Turnips, and Yams.

b/ Includes: Artichoke, Asparagus, Beans (Snap), Broccoli, Cabbage, Cactus, Carrots, Cauliflower, Celery, Cilantro, Gai Lon, Leaf Lettuce, Leek, Lima Beans, Mixed Greens, Mushrooms, Okra, Onions (Green), Parsley, Peas, Peppers (Chili and Processing), Pumpkins, Radishes, Red Beets, Romaine Lettuce, Spinach, Squash, Sweet Potatoes, Turnips, and Yams.

KERN COUNTY 1999 CROP REPORT - NURSERY CROPS

| CROP | YEAR | HARVESTED ACRES | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|-------------------------------|-------------|--------------------|---------------------|------------|---------------|---------------------|
| Christmas Trees | 1999 | --- | 4,940 | Tree | --- | \$ 105,000 |
| | 1998 | --- | 4,970 | Tree | --- | 106,000 |
| Fruit and Nut Trees, Vines | a/1999 | 572 | 16,517,000 | Plant | --- | 43,233,000 |
| | a/1998 | 524 | 14,539,000 | Plant | --- | 35,956,000 |
| Herbaceous Plants | 1999 | --- | --- | --- | --- | 2,037,000 |
| | 1998 | --- | --- | --- | --- | 1,606,000 |
| Ornamental Trees & Shrubs | a/1999 | 17 | 59,100 | Plant | --- | 275,000 |
| | a/1998 | 20 | 42,100 | Plant | --- | 309,000 |
| Propagative Material | 1999 | --- | --- | --- | --- | 4,248,000 |
| | 1998 | --- | --- | --- | --- | 674,000 |
| Roses | 1999 | 1,607 | 25,543,000 | Plant | \$1.52 | 38,869,000 |
| | 1998 | 1,678 | 29,953,000 | Plant | 1.23 | 36,697,000 |
| Turf | 1999 | 1,111 | 47,753,000 | Sq Ft | 0.22 | 10,362,000 |
| | 1998 | 804 | 35,035,000 | Sq Ft | 0.21 | 7,288,000 |
| TOTALS | 1999 | 3,307 | --- | --- | --- | \$99,129,000 |
| | 1998 | 3,026 | --- | --- | --- | 82,636,000 |

a/ Includes container grown plants.

INDUSTRIAL AND WOOD CROPS - 1999

| CROP | YEAR | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|---------------------------|--------------|---------------------|------------|---------------|---------------------|
| Biomass and Composting | 1999 | 704,000 | Ton | --- | \$11,812,000 |
| | *1998 | 563,000 | Ton | --- | 7,791,000 |
| Timber | a/1999 | 2,632,000 | Brd Ft | --- | 673,000 |
| | a/1998 | 1,662,000 | Brd Ft | --- | 354,000 |
| Wood for Fuel | 1999 | 1,627 | Cords | b/\$138.00 | 225,000 |
| | *1998 | 1,816 | Cords | b/142.00 | 258,000 |
| TOTALS | 1999 | --- | --- | --- | \$12,710,000 |
| | *1998 | --- | --- | --- | 8,403,000 |

*Revised

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.

KERN COUNTY 1999 CROP REPORT - LIVESTOCK & POULTRY

| KIND | YEAR | NUMBER OF HEAD | TOTAL LIVEWEIGHT | UNIT | UNIT VALUE | TOTAL VALUE |
|---------------------|--------------|----------------|------------------|------------|------------|---------------------|
| Cattle and Calves | 1999 | 382,000 | 1,237,000 | Cwt | \$68.80 | \$85,162,000 |
| | *1998 | 367,000 | 1,212,000 | Cwt | 65.90 | 79,857,000 |
| Sheep and Lambs | 1999 | 127,000 | 153,000 | Cwt | 75.00 | 11,479,000 |
| | 1998 | 125,500 | 154,000 | Cwt | 79.30 | 12,213,000 |
| Hogs | 1999 | 3,601 | 7,920 | Cwt | 35.10 | 278,000 |
| | *1998 | 3,957 | 8,700 | Cwt | 34.00 | 296,000 |
| Fryers and Roasters | a/1999 | --- | --- | Lb | --- | --- |
| | 1998 | 254,000 | 1,399,000 | Lb | 0.47 | 657,000 |
| Ostriches | 1999 | 3,622 | --- | --- | --- | 1,391,000 |
| | 1998 | 6,024 | --- | --- | --- | 1,512,000 |
| Misc. | b/1999 | --- | --- | --- | --- | 581,000 |
| | b/1998 | --- | --- | --- | --- | 91,000 |
| TOTALS | 1999 | --- | --- | --- | --- | \$98,891,000 |
| | *1998 | --- | --- | --- | --- | 94,626,000 |

*Revised

a/ Total Value included in Miscellaneous Livestock & Poultry. b/ Includes Game Birds for Meat and Other.

LIVESTOCK & POULTRY PRODUCTS - 1999

| PRODUCT | YEAR | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|--------------------------|--------------|------------------|------------|------------|----------------------|
| Milk, Market | 1999 | 12,283,000 | Cwt | \$13.30 | \$163,739,000 |
| | *1998 | 10,566,000 | Cwt | 15.00 | 158,694,000 |
| Milk, Manufacturing | 1999 | 19,800 | Cwt | 12.40 | 246,000 |
| | 1998 | 22,700 | Cwt | 12.40 | 281,000 |
| Manure | 1999 | 455,000 | Ton | --- | 2,427,000 |
| | *1998 | 395,000 | Ton | --- | 2,041,000 |
| Wool | 1999 | 1,371,000 | Lb | 0.35 | 480,000 |
| | 1998 | 1,431,000 | Lb | 0.70 | 1,002,000 |
| Other Livestock Products | 1999 | --- | --- | --- | 10,107,000 |
| | 1998 | --- | --- | --- | 15,465,000 |
| TOTALS | 1999 | --- | --- | --- | \$176,999,000 |
| | *1998 | --- | --- | --- | 177,483,000 |

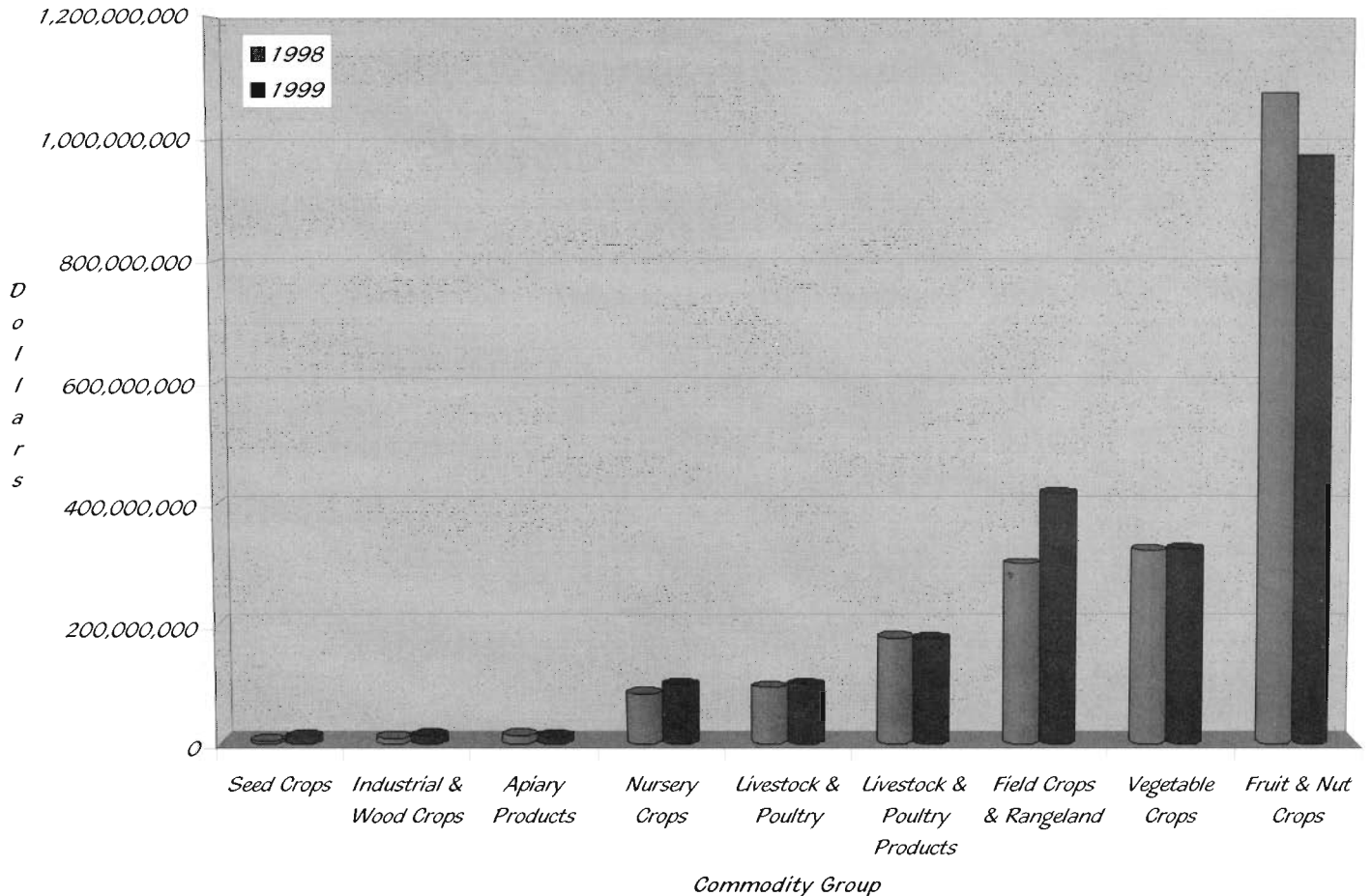
*Revised

KERN COUNTY 1999 CROP REPORT - APIARY PRODUCTS

| PRODUCT | YEAR | TOTAL PRODUCTION | UNIT | UNIT VALUE | TOTAL VALUE |
|-----------------------|-------|------------------|--------|------------|---------------------|
| Honey | 1999 | 4,063,000 | Lb | \$ 0.53 | \$ 2,153,000 |
| | 1998 | 5,460,000 | Lb | 0.62 | 3,385,000 |
| Beeswax | 1999 | 508,000 | Lb | 1.30 | 660,000 |
| | 1998 | 682,000 | Lb | 1.45 | 990,000 |
| Pollination | 1999 | 217,000 | Colony | 39.70 | 8,606,000 |
| | *1998 | 194,000 | Colony | 39.70 | 7,708,000 |
| Other Apiary Products | 1999 | --- | --- | --- | 200,000 |
| | 1998 | --- | --- | --- | 283,000 |
| TOTALS | 1999 | --- | --- | --- | \$11,619,000 |
| | *1998 | --- | --- | --- | 12,366,000 |

*Revised

1998 - 1999 Kern County Value Comparison by Commodity Group



1999 PEST PREVENTION AND CONTROL

Pest Eradication

| <u>Mechanism</u> | <u>Pests</u> | <u>Scope of Program</u> |
|----------------------|--|-------------------------|
| Survey & Eradication | Citrus Tristeza Virus, Dalmatian Toadflax, Harmel, Scotch Thistle and Spotted Knapweed | 310 Hours |
| Biocontrol Releases | Purple Loosestrife and Yellow Starthistle | 64 Hours |
| Trapping* | Pink Bollworm | 429 Natives Detected |
| Sterile Release* | | 1,242 Fields |
| Plowdown | | 181,810 Acres |

*Cooperative Pink Bollworm Project

Pest Exclusion

| <u>Interception</u> | <u>Total Findings</u> | <u>Pathway</u> |
|------------------------|-----------------------|---------------------------------|
| Live Pest | 31 | Post Office, Parcel Post, Truck |
| Improper Certification | 85 | Post Office, Parcel Post, Truck |
| Labeling | 42 | Post Office, Parcel Post |

Kern County intercepted 4 "Q" rated and 24 "C" rated pests in 1999.

Pest Detection/Trapping

| <u>Trap Name</u> | <u>Number of Traps Deployed</u> |
|---|---------------------------------|
| Jackson Trap (Medfly, Oriental and Melon Fruit Flies) | 1,100 |
| McPhail Trap | 180 |
| Delta Trap (Gypsy Moth) | 350 |
| Japanese Beetle Trap | 300 |
| Khapra Beetle Trogotrap | 95 |
| European Corn Borer Trap | 20 |
| European Pine Shoot Moth | 10 |

Exotic Pests Trapped

| | |
|-----------------------------------|----|
| Sterile Mediterranean Fruit Flies | 17 |
| Sterile Mexican Fruit Flies | 1 |

Biological Control Activities

| <u>Pest</u> | <u>Agent</u> | <u>Scope of Program</u> |
|-------------------------------|----------------------------|-------------------------|
| Purple Loosestrife | Leaf Beetle | 1 site |
| <u>Lythrum salicaria</u> | <u>Galerucella spp.</u> | 400 adult Beetles |
| Yellow Starthistle | Hairy Weevil | 5 sites |
| <u>Centaurea solstitialis</u> | <u>Eustenopus villosus</u> | 1,000 adult Weevils |
| | Flower Weevil | 1 site |
| | <u>Larinus curtus</u> | 200 adult Weevils |