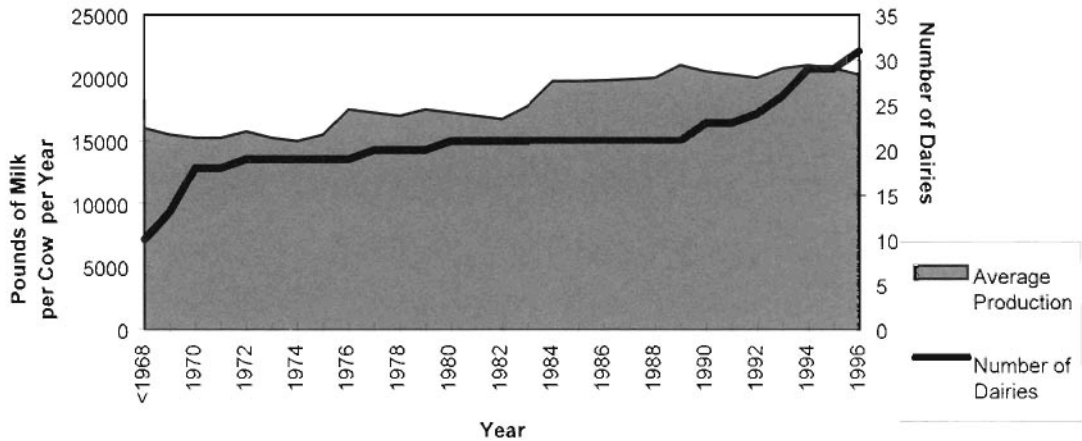


## Kern County Dairy History 1968 - 1996



*Some data courtesy of the Kern County Farm and Home Advisor's Office*

### ***Kern County Dairy Production***

*With total value approaching 3 billion dollars in 1995, California's Milk and Cream production ranks as this state's number one crop. The eight counties in the San Joaquin Valley District produce more milk than all of the other seven districts in the state combined. After a period of slow growth in Kern County the dairy industry is once again moving into this area. With more new dairies planned in the near future, watch for Milk and Cream to play an even greater role in Kern County's agricultural production and value than it has in the past.*

### ***-- -- World Wide Web -- --***

*Visit the Kern County Agricultural Commissioner's Office Home Page on the Internet. Our site offers department facts, export certification information, current news releases, Kern County crop reports, and links to other useful agriculture related sites.*

*Our WWW address is <http://www.netxn.com/~agcom15/>*

*Our e-mail address is [agcom15@chiba.netxn.com](mailto:agcom15@chiba.netxn.com)*

***Crop Report compiled by:***

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Agricultural Biologist III*

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Agricultural Biologist III*

# DEPARTMENT OF AGRICULTURE

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**THEODORE K. DAVIS**  
Agricultural Commissioner

**LOUIE I. CERVANTES**  
Assistant Commissioner



**JACK E. MARKS**  
Deputy Commissioner

**DAVID J. MOORE**  
Deputy Commissioner

1996

Ms. Ann M. Veneman, 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 1996.

The 1996 total value of agricultural commodities produced in Kern County is a precedent setting \$2,067,052,000. For the first time Kern County has exceeded the \$2 Billion mark. This represents an increase of 4% over the revised 1995 total. Of further interest, the top four commodities; Grapes, Cotton, Almonds, and Citrus together total over \$1 Billion.

Cotton rebounded somewhat from the reduced yields in 1995 with a 17% increase. Grapes remained the number one crop despite a slight decrease of -3.5%, primarily due to reduced bearing acreage and lower yields. Ostrich, highlighted in the 1995 Crop Report, sold for 77% over 1995 and 436% over 1994. Wheat increased by 98%, primarily due to an increase in acreage by 49% and increase in price by 26%.

I want to extend a Thank You to all those who provide the Agricultural Commissioner's Office with the information necessary to compile such an extensive breakdown of Kern County's agriculture production. I also want to thank the staff of the Kern County Agricultural Department for their efforts in developing the Crop Report each year.

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".

Theodore K. Davis  
Agricultural Commissioner

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# KERN COUNTY 1996 CROP REPORT - TOP 20 CROPS

| <u>COMMODITY</u>                          | <u>VALUE</u>  | <u>1995 RANK</u> |
|-------------------------------------------|---------------|------------------|
| 1. Grapes                                 | \$402,161,000 | 1                |
| 2. Cotton, Including Processed Cottonseed | 342,084,000   | 2                |
| 3. Almonds, Including By-Products         | 202,406,000   | 4                |
| 4. Citrus, Fresh and Processing           | 188,312,000   | 3                |
| 5. Market Milk                            | 118,481,000   | 5                |
| 6. Potatoes, Fresh and Processing         | 83,995,000    | 11               |
| 7. Carrots, Fresh and Processing          | 76,753,000    | 9                |
| 8. Cattle and Calves                      | 72,614,000    | 6                |
| 9. Nursery Crops                          | 72,383,000    | 7                |
| 10. Hay, Alfalfa                          | 69,389,000    | 10               |
| 11. Apples, All                           | 58,590,000    | 12               |
| 12. Pistachios                            | 50,459,000    | 8                |
| 13. Wheat                                 | 30,208,000    | 18               |
| 14. Onions, Fresh and Dehydrator          | 22,108,000    | 15               |
| 15. Plums                                 | 19,324,000    | 14               |
| 16. Peaches                               | 15,087,000    | 16               |
| 17. Watermelons                           | 14,202,000    | 17               |
| 18. Sheep and Lambs                       | 14,181,000    | 19               |
| 19. Garlic, Fresh and Dehydrator          | 14,028,000    | 23               |
| 20. Cantaloupes                           | 9,975,000     | 22               |

# KERN COUNTY CROP REPORT - 1995 PERMANENT ACREAGE

| <u>CROP</u>  | <u>YEAR</u> | <u>BEARING</u> | <u>NON<br/>BEARING</u> | <u>TOTAL</u> |
|--------------|-------------|----------------|------------------------|--------------|
| Almonds      | 1995        | 67,638         | 18,474                 | 86,112       |
|              | 1994        | 72,591         | 10,398                 | 82,989       |
| Apples       | 1995        | 4,904          | 297                    | 5,201        |
|              | 1994        | 5,227          | 182                    | 5,409        |
| Apricots     | 1995        | 721            | 140                    | 861          |
|              | 1994        | 694            | 134                    | 828          |
| Cherries     | 1995        | 93             | 193                    | 286          |
|              | 1994        | 85             | 142                    | 227          |
| Figs         | 1995        | 404            | 111                    | 515          |
|              | 1994        | 398            | 97                     | 495          |
| Grapefruit   | 1995        | 964            | 384                    | 1,348        |
|              | 1994        | 877            | 377                    | 1,254        |
| GRAPES, ALL  | 1995        | 74,941         | 6,560                  | 81,501       |
|              | 1994        | 78,487         | 3,803                  | 82,290       |
| Raisin       | 1995        | 26,729         | 844                    | 27,573       |
|              | 1994        | 28,657         | 651                    | 29,308       |
| Table        | 1995        | 23,008         | 3,494                  | 26,502       |
|              | 1994        | 23,217         | 1,977                  | 25,194       |
| Wine         | 1995        | 25,204         | 2,222                  | 27,426       |
|              | 1994        | 26,613         | 1,175                  | 27,788       |
| Jojoba       | 1995        | 93             | 0                      | 93           |
|              | 1994        | 93             | 0                      | 93           |
| Kiwi         | 1995        | 410            | 0                      | 410          |
|              | 1994        | 549            | 0                      | 549          |
| Lemons       | 1995        | 3,067          | 134                    | 3,201        |
|              | 1994        | 3,212          | 162                    | 3,374        |
| Nectarines   | 1995        | 2,146          | 306                    | 2,452        |
|              | 1994        | 2,034          | 494                    | 2,528        |
| Olives       | 1995        | 2,052          | 84                     | 2,136        |
|              | 1994        | 2,014          | 38                     | 2,052        |
| ORANGES, ALL | 1995        | 34,719         | 2,831                  | 37,550       |
|              | 1994        | 33,265         | 3,681                  | 36,946       |
| Navels       | 1995        | 25,531         | 2,641                  | 28,172       |
|              | 1994        | 24,714         | 3,048                  | 27,762       |
| Valencias    | 1995        | 9,188          | 190                    | 9,378        |
|              | 1994        | 8,551          | 633                    | 9,184        |

# KERN COUNTY 1996 CROP REPORT - PERMANENT ACREAGE

| <u>CROP</u>              | <u>YEAR</u> | <u>BEARING</u> | <u>NON-BEARING</u> | <u>TOTAL</u> |
|--------------------------|-------------|----------------|--------------------|--------------|
| ORANGES, ALL             | 1996        | 36,260         | 1,401              | 37,661       |
|                          | 1995        | 34,719         | 2,831              | 37,550       |
| Navels                   | 1996        | 26,868         | 1,375              | 28,243       |
|                          | 1995        | 25,531         | 2,641              | 28,172       |
| Valencias                | 1996        | 9,392          | 26                 | 9,418        |
|                          | 1995        | 9,188          | 190                | 9,378        |
| Peaches                  | 1996        | 2,610          | 249                | 2,859        |
|                          | 1995        | 2,472          | 372                | 2,844        |
| Pears                    | 1996        | 416            | 16                 | 432          |
|                          | 1995        | 448            | 16                 | 464          |
| Pecans                   | 1996        | 658            | 0                  | 658          |
|                          | 1995        | 646            | 12                 | 658          |
| Persimmons               | 1996        | 71             | 32                 | 103          |
|                          | 1995        | 71             | 32                 | 103          |
| Pistachios               | 1996        | 23,869         | 7,156              | 31,025       |
|                          | 1995        | 21,181         | 7,209              | 28,390       |
| Plums                    | 1996        | 2,957          | 37                 | 2,994        |
|                          | 1995        | 2,815          | 179                | 2,994        |
| Pomegranates             | 1996        | 438            | 6                  | 444          |
|                          | 1995        | 432            | 12                 | 444          |
| Prunes                   | 1996        | 102            | 213                | 315          |
|                          | 1995        | 102            | 213                | 315          |
| Tangerines<br>& Tangelos | 1996        | 1,352          | 258                | 1,610        |
|                          | 1995        | 1,332          | 38                 | 1,370        |
| Walnuts                  | 1996        | 1,504          | 31                 | 1,535        |
|                          | 1995        | 1,504          | 44                 | 1,548        |
| Misc.                    | a/1996      | 13             | 0                  | 13           |
|                          | a/1995      | 13             | 0                  | 13           |
| TOTALS                   | 1996        | 233,415        | 32,682             | 266,097      |
|                          | 1995        | 223,431        | 37,763             | 261,194      |

a/ Includes: Chestnut, Guava/Feijoa, Kumquat, and Loquat



# KERN COUNTY 1996 CROP REPORT - FRUITS & NUTS

| <u>CROP</u>                        | <u>YEAR</u> | <u>HARVESTED<br/>ACRES</u> | <u>PRODUCTION<br/>PER ACRE</u> | <u>TOTAL<br/>PRODUCTION</u> | <u>UNIT</u> | <u>UNIT<br/>VALUE</u> | <u>TOTAL<br/>VALUE</u> |
|------------------------------------|-------------|----------------------------|--------------------------------|-----------------------------|-------------|-----------------------|------------------------|
| <i>Almonds</i>                     | 1996        | 73,383                     | 0.64                           | a/47,200                    | Ton         | \$4,065.00            | \$191,860,000          |
|                                    | 1995        | 67,638                     | 0.48                           | a/32,200                    | Ton         | 5,000.00              | 161,012,000            |
| <i>Almond</i>                      | 1996        | ---                        | ---                            | 105,000                     | Ton         | 100.40                | 10,546,000             |
| <i>By-Products</i>                 | 1995        | ---                        | ---                            | 75,700                      | Ton         | 92.70                 | 7,018,000              |
| <i>APPLES, ALL</i>                 | 1996        | 5,051                      | 21.08                          | 106,500                     | Ton         | ---                   | 58,590,000             |
|                                    | 1995        | 4,904                      | 18.23                          | 89,400                      | Ton         | ---                   | 42,367,000             |
| <i>Fresh</i>                       | 1996        | ---                        | ---                            | 67,500                      | Ton         | 791.00                | 53,413,000             |
|                                    | 1995        | ---                        | ---                            | 54,300                      | Ton         | 671.00                | 36,435,000             |
| <i>Processing</i>                  | 1996        | ---                        | ---                            | 39,000                      | Ton         | 133.00                | 5,177,000              |
|                                    | 1995        | ---                        | ---                            | 35,100                      | Ton         | 169.00                | 5,932,000              |
| <i>Apricots</i>                    | 1996        | 835                        | 3.95                           | 3,300                       | Ton         | 1,273.00              | 4,202,000              |
|                                    | 1995        | 721                        | 3.81                           | 2,750                       | Ton         | 1,640.00              | 4,510,000              |
| <i>CITRUS, ALL</i>                 | 1996        | 41,745                     | 12.80                          | 530,500                     | Ton         | ---                   | 188,312,000            |
|                                    | 1995        | 40,082                     | 15.10                          | 605,000                     | Ton         | ---                   | 230,828,000            |
| <i>Grapefruit</i>                  | 1996        | 990                        | 16.80                          | 16,600                      | Ton         | 326.00                | 5,405,000              |
|                                    | 1995        | 964                        | 14.30                          | 13,800                      | Ton         | 340.00                | 4,687,000              |
| <i>Lemons</i>                      | 1996        | 3,143                      | 11.33                          | 35,600                      | Ton         | 525.00                | 18,676,000             |
|                                    | 1995        | 3,067                      | 15.65                          | 48,000                      | Ton         | 622.00                | 29,855,000             |
| <i>Oranges,<br/>Navel</i>          | 1996        | 26,868                     | 9.94                           | 267,000                     | Ton         | 370.00                | 98,883,000             |
|                                    | 1995        | 25,531                     | 11.67                          | 298,000                     | Ton         | 443.00                | 131,877,000            |
| <i>Oranges,<br/>Valencia</i>       | 1996        | 9,392                      | 11.50                          | 108,000                     | Ton         | 507.00                | 54,788,000             |
|                                    | 1995        | 9,188                      | 12.08                          | 111,000                     | Ton         | 484.00                | 53,733,000             |
| <i>Tangerine<br/>&amp; Tangelo</i> | 1996        | 1,352                      | 11.32                          | 15,300                      | Ton         | 370.00                | 5,658,000              |
|                                    | 1995        | 1,332                      | 9.16                           | 12,200                      | Ton         | 554.00                | 6,759,000              |
| <i>Processing,<br/>All Citrus</i>  | 1996        | ---                        | ---                            | 88,000                      | Ton         | 55.70                 | 4,902,000              |
|                                    | 1995        | ---                        | ---                            | 122,000                     | Ton         | 32.10                 | 3,917,000              |
| <i>GRAPES, ALL</i>                 | 1996        | 74,463                     | 8.30                           | 618,000                     | Ton         | ---                   | 402,161,000            |
|                                    | 1995        | 74,941                     | 9.84                           | 737,730                     | Ton         | ---                   | 416,397,000            |
| <i>Raisin</i>                      | b/1996      | 25,806                     | 7.85                           | 203,000                     | Ton         | ---                   | 116,847,000            |
| <i>Variety</i>                     | b/1995      | 26,729                     | 9.17                           | 245,230                     | Ton         | ---                   | 122,758,000            |
| <i>Fresh<br/>Market</i>            | 1996        | ---                        | ---                            | 77,500                      | Ton         | 1,154.00              | 89,438,000             |
|                                    | 1995        | ---                        | ---                            | 94,800                      | Ton         | 991.00                | 93,947,000             |
| <i>Raisins</i>                     | c/1996      | ---                        | ---                            | 10,900                      | Ton         | 1,043.00              | 11,374,000             |
|                                    | c/1995      | ---                        | ---                            | 16,000                      | Ton         | 923.00                | 14,765,000             |

# KERN COUNTY 1996 CROP REPORT - FRUITS & NUTS

| <u>CROP</u>             | <u>YEAR</u> | <u>HARVESTED<br/>ACRES</u> | <u>PRODUCTION<br/>PER ACRE</u> | <u>TOTAL<br/>PRODUCTION</u> | <u>UNIT</u> | <u>UNIT<br/>VALUE</u> | <u>TOTAL<br/>VALUE</u> |
|-------------------------|-------------|----------------------------|--------------------------------|-----------------------------|-------------|-----------------------|------------------------|
| <i>Processing</i>       | 1996        | ---                        | ---                            | 11,600                      | Ton         | \$ 248.00             | \$ 2,875,000           |
|                         | 1995        | ---                        | ---                            | 11,200                      | Ton         | 236.00                | 2,646,000              |
| <i>Crushed</i>          | 1996        | ---                        | ---                            | 65,000                      | Ton         | 193.00                | 12,554,000             |
|                         | 1995        | ---                        | ---                            | 58,200                      | Ton         | 161.00                | 9,391,000              |
| <i>Juice</i>            | 1996        | ---                        | ---                            | 2,420                       | Ton         | 250.00                | 606,000                |
|                         | 1995        | ---                        | ---                            | 4,230                       | Ton         | 475.00                | 2,009,000              |
| <i>Table</i>            | 1996        | 23,792                     | 7.69                           | 183,000                     | Ton         | ---                   | 218,530,000            |
| <i>Variety</i>          | 1995        | 23,008                     | 9.78                           | 225,100                     | Ton         | ---                   | 229,782,000            |
| <i>Fresh<br/>Market</i> | 1996        | ---                        | ---                            | 154,000                     | Ton         | 1,384.00              | 213,113,000            |
|                         | 1995        | ---                        | ---                            | 182,000                     | Ton         | 1,225.00              | 222,901,000            |
| <i>Crushed</i>          | 1996        | ---                        | ---                            | 29,000                      | Ton         | 187.00                | 5,417,000              |
|                         | 1995        | ---                        | ---                            | 43,100                      | Ton         | 160.00                | 6,881,000              |
| <i>Raisin</i>           | 1996        | ---                        | ---                            | ---                         | Ton         | ---                   | ---                    |
|                         | 1995        | ---                        | ---                            | ---                         | Ton         | ---                   | ---                    |
| <i>Wine</i>             | 1996        | 24,865                     | 9.29                           | 231,000                     | Ton         | ---                   | 66,784,000             |
| <i>Variety</i>          | 1995        | 25,204                     | 10.61                          | 267,400                     | Ton         | ---                   | 63,857,000             |
| <i>Crushed</i>          | 1996        | ---                        | ---                            | 228,000                     | Ton         | 290.00                | 66,034,000             |
|                         | 1995        | ---                        | ---                            | 261,000                     | Ton         | 239.00                | 62,470,000             |
| <i>Juice</i>            | 1996        | ---                        | ---                            | 3,000                       | Ton         | 250.00                | 750,000                |
|                         | 1995        | ---                        | ---                            | 6,400                       | Ton         | 217.00                | 1,387,000              |
| <i>Kiwi</i>             | 1996        | 400                        | 3.93                           | 1,570                       | Ton         | 1,159.00              | 1,820,000              |
|                         | 1995        | 410                        | 5.05                           | 2,070                       | Ton         | 1,254.00              | 2,596,000              |
| <i>Nectarines</i>       | 1996        | 2,343                      | 5.00                           | 11,700                      | Ton         | 836.00                | 9,794,000              |
|                         | 1995        | 2,146                      | 4.42                           | 9,480                       | Ton         | 1,223.00              | 11,591,000             |
| <i>Olives</i>           | 1996        | 2,052                      | 6.48                           | 13,300                      | Ton         | 631.00                | 8,387,000              |
|                         | 1995        | 2,052                      | 4.20                           | 8,620                       | Ton         | 671.00                | 5,788,000              |
| <i>Peaches</i>          | 1996        | 2,610                      | 5.94                           | 15,500                      | Ton         | 973.00                | 15,087,000             |
|                         | 1995        | 2,472                      | 6.63                           | 16,400                      | Ton         | 1,059.00              | 17,369,000             |
| <i>Pistachios</i>       | 1996        | 23,869                     | 0.93                           | d/22,300                    | Ton         | 2,263.00              | 50,459,000             |
|                         | 1995        | 21,181                     | 1.66                           | d/35,200                    | Ton         | 1,920.00              | 67,584,000             |
| <i>Plums</i>            | 1996        | 2,957                      | 7.68                           | 22,700                      | Ton         | 851.00                | 19,324,000             |
|                         | 1995        | 2,815                      | 5.22                           | 14,700                      | Ton         | 1,562.00              | 22,967,000             |
| <i>Walnuts</i>          | 1996        | 1,504                      | 2.38                           | d/3,580                     | Ton         | 1,507.00              | 5,394,000              |
|                         | 1995        | 1,504                      | 2.26                           | d/3,400                     | Ton         | 1,227.00              | 4,172,000              |



# KERN COUNTY 1996 CROP REPORT - FRUITS & NUTS

| <u>CROP</u> | <u>YEAR</u> | <u>HARVESTED<br/>ACRES</u> | <u>PRODUCTION<br/>PER ACRE</u> | <u>TOTAL<br/>PRODUCTION</u> | <u>UNIT</u> | <u>UNIT<br/>VALUE</u> | <u>TOTAL<br/>VALUE</u> |
|-------------|-------------|----------------------------|--------------------------------|-----------------------------|-------------|-----------------------|------------------------|
| Misc.       | e/1996      | 2,400                      | ---                            | 13,000                      | Ton         | ---                   | \$ 11,898,000          |
|             | f/1995      | 2,348                      | ---                            | 9,230                       | Ton         | ---                   | 11,303,000             |
| TOTALS      | 1996        | 233,612                    | ---                            | 1,514,150                   | Ton         | ---                   | \$ 977,834,000         |
|             | 1995        | 223,214                    | ---                            | 1,641,880                   | Ton         | ---                   | 1,005,502,000          |

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: 1995 - 4.80 to 1 1996 - 4.30 to 1

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

e/ Includes: Apples (Processed), Bushberries, Cherries, Chestnuts, Figs (Fresh and Dry), Guava/Feijoas, Kumquats, Peaches (Processed), All Pears, Pecans, Persimmons, Pomegranates, Prunes, and Strawberries.

f/ Includes: Bushberries, Cherries, Chestnuts, Figs (Fresh and Dry), Guava/Feijoas, Kumquats, Peaches (Processed), All Pears, Pecans, Persimmons, Pomegranates, Prunes, and Strawberries.

## SEED CROPS - 1996

| <u>CROP</u> | <u>YEAR</u> | <u>HARVESTED<br/>ACRES</u> | <u>TOTAL<br/>PRODUCTION</u> | <u>UNIT</u> | <u>UNIT<br/>VALUE</u> | <u>TOTAL<br/>VALUE</u> |
|-------------|-------------|----------------------------|-----------------------------|-------------|-----------------------|------------------------|
| Cotton      | 1996        | 25,160                     | 21,900                      | Ton         | a/\$216.00            | \$4,728,000            |
|             | 1995        | 21,975                     | 16,000                      | Ton         | a/ 216.00             | 3,449,000              |
| Field       | b/1996      | 2,150                      | 4,620                       | Ton         | ---                   | 932,000                |
|             | b/1995      | 2,087                      | 4,520                       | Ton         | ---                   | 776,000                |
| Vegetable   | c/1996      | 107                        | 34                          | Ton         | ---                   | 263,000                |
|             | c/1995      | 246                        | 81                          | Ton         | ---                   | 760,000                |
| TOTALS      | 1996        | d/2,257                    | 26,554                      | Ton         | ---                   | \$5,923,000            |
|             | 1995        | d/ 2,333                   | 20,601                      | Ton         | ---                   | 4,985,000              |

a/ Includes a per acre approval.

b/ Includes: Alfalfa, Barley, Blackeyes, Oats, Rye, Safflower, Wheat, and Other.

c/ Includes: Lettuce and Onions.

d/ Does not include cotton acreage.

# KERN COUNTY 1996 CROP REPORT - FIELD CROPS

| <u>CROP</u>  | <u>YEAR</u> | <u>HARVESTED<br/>ACRES</u> | <u>PRODUCTION<br/>PER ACRE</u> | <u>TOTAL<br/>PRODUCTION</u> | <u>UNIT</u> | <u>UNIT<br/>VALUE</u> | <u>TOTAL<br/>VALUE</u> |
|--------------|-------------|----------------------------|--------------------------------|-----------------------------|-------------|-----------------------|------------------------|
| Barley       | 1996        | 23,287                     | 1.89                           | 44,000                      | Ton         | \$147.00              | \$ 6,452,000           |
|              | 1995        | 21,304                     | 2.06                           | 43,900                      | Ton         | 116.00                | 5,092,000              |
| Beans, Dry   | 1996        | 5,793                      | 1.14                           | 6,600                       | Ton         | 590.00                | 3,893,000              |
| Edible       | 1995        | 9,460                      | 1.10                           | 10,400                      | Ton         | 617.00                | 6,419,000              |
| Cotton Lint, | 1996        | 237,125                    | a/1,207                        | b/578,000                   | Bale        | c/0.81                | 231,830,000            |
| Acala        | 1995        | 275,443                    | a/ 970                         | b/540,000                   | Bale        | c/0.84                | 224,431,000            |
| Cotton Lint, | 1996        | 56,625                     | a/1,045                        | b/120,000                   | Bale        | c/1.11                | 65,682,000             |
| Pima         | 1995        | 34,407                     | a/ 757                         | b/52,600                    | Bale        | c/1.28                | 33,339,000             |
| Cottonseed,  | 1996        | ---                        | ---                            | 244,000                     | Ton         | 183.00                | 44,572,000             |
| Processing   | 1995        | ---                        | ---                            | 199,000                     | Ton         | 179.00                | 35,545,000             |
| Hay,         | 1996        | 81,000                     | 8.12                           | 658,000                     | Ton         | 106.00                | 69,389,000             |
| Alfalfa      | 1995        | 86,475                     | 7.69                           | 665,000                     | Ton         | 98.20                 | 65,302,000             |
| Hay,         | 1996        | 10,000                     | 3.25                           | 32,500                      | Ton         | 83.60                 | 2,717,000              |
| Grain        | 1995        | 8,500                      | 2.84                           | 24,100                      | Ton         | 67.80                 | 1,634,000              |
| Hay,         | 1996        | 4,500                      | 2.87                           | 12,900                      | Ton         | 102.00                | 1,317,000              |
| Other        | 1995        | 3,500                      | 2.43                           | 8,500                       | Ton         | 109.00                | 927,000                |
| Pasture,     | 1996        | 10,000                     | ---                            | ---                         | Acre        | 135.00                | 1,350,000              |
| Irrigated    | 1995        | 10,000                     | ---                            | ---                         | Acre        | 112.00                | 1,120,000              |
| Pasture,     | 1996        | ---                        | ---                            | ---                         | ---         | ---                   | 1,341,000              |
| Other        | 1995        | ---                        | ---                            | ---                         | ---         | ---                   | 1,849,000              |
| Pasture,     | 1996        | 2,167,484                  |                                |                             | Acre        | 5.00                  | 10,837,000             |
| Range        | 1995*       | 2,192,986                  |                                |                             | Acre        | 5.00                  | 10,965,000             |
| Safflower    | 1996        | 13,600                     | 1.32                           | 18,000                      | Ton         | 332.00                | 5,970,000              |
|              | 1995        | 12,210                     | 1.20                           | 14,600                      | Ton         | 323.00                | 4,722,000              |
| Silage and   | 1996        | 22,500                     | 19.60                          | 441,000                     | Ton         | 17.90                 | 7,894,000              |
| Forage       | 1995        | 13,500                     | 17.00                          | 230,000                     | Ton         | 18.20                 | 4,191,000              |
| Sugar Beets  | 1996        | 7,218                      | 28.00                          | 202,000                     | Ton         | 36.00                 | 7,276,000              |
|              | 1995        | 7,830                      | 31.70                          | 248,000                     | Ton         | 36.00                 | 8,930,000              |
| Wheat        | 1996        | 67,000                     | 2.68                           | 180,000                     | Ton         | 168.00                | 30,208,000             |
|              | 1995        | 44,930                     | 2.56                           | 115,000                     | Ton         | 133.00                | 15,295,000             |
| Misc.        | d/1996      | ---                        | ---                            | ---                         | ---         | ---                   | 4,645,000              |
|              | e/1995      | ---                        | ---                            | ---                         | ---         | ---                   | 716,000                |
| TOTALS       | 1996        | 538,648                    | ---                            | ---                         | ---         | ---                   | \$495,373,000          |
|              | 1995*       | 527,559                    | ---                            | ---                         | ---         | ---                   | 420,477,000            |

\*Revised

a/ Pounds Lint Per Acre    b/ 495 Pounds Net Weight Bale    c/ Price Per Pound

d/ Includes: Field Corn (Grain), Rye, Sorghum Grain, and Straw.

e/ Includes: Field Corn (Grain), Sorghum Grain, and Straw.

# KERN COUNTY 1996 CROP REPORT - VEGETABLE CROPS

| <u>CROP</u>                     | <u>YEAR</u> | <u>HARVESTED<br/>ACRES</u> | <u>PRODUCTION<br/>PER ACRE</u> | <u>TOTAL<br/>PRODUCTION</u> | <u>UNIT</u> | <u>UNIT<br/>VALUE</u> | <u>TOTAL<br/>VALUE</u> |
|---------------------------------|-------------|----------------------------|--------------------------------|-----------------------------|-------------|-----------------------|------------------------|
| <i>Cantaloupes</i>              | 1996        | 2,476                      | 15.70                          | 39,000                      | Ton         | \$ 257.00             | \$ 9,975,000           |
|                                 | 1995        | 2,788                      | 12.55                          | 35,000                      | Ton         | 293.00                | 10,254,000             |
| <i>CARROTS, ALL</i>             | 1996        | 35,133                     | 31.10                          | 1,093,000                   | Ton         | ---                   | 76,753,000             |
|                                 | 1995*       | 31,328                     | 30.80                          | 965,000                     | Ton         | ---                   | 66,780,000             |
| <i>Fresh</i>                    | 1996        | ---                        | ---                            | 324,000                     | Ton         | 57.00                 | 18,489,000             |
| <i>Market</i>                   | 1995        | ---                        | ---                            | 396,000                     | Ton         | 68.20                 | 27,007,000             |
| <i>Processing<br/>and Other</i> | 1996        | ---                        | ---                            | 768,000                     | Ton         | 75.80                 | 58,264,000             |
|                                 | 1995        | ---                        | ---                            | 569,000                     | Ton         | 69.90                 | 39,773,000             |
| <i>Corn, Sweet</i>              | 1996        | 599                        | 8.10                           | 4,850                       | Ton         | 225.00                | 1,092,000              |
|                                 | 1995        | 454                        | 6.98                           | 3,170                       | Ton         | 303.00                | 959,000                |
| <i>Garlic,<br/>Dehydrator</i>   | 1996        | 1,760                      | 8.13                           | 14,300                      | Ton         | 206.00                | 2,951,000              |
|                                 | 1995        | 1,636                      | 6.85                           | 11,200                      | Ton         | 212.00                | 2,370,000              |
| <i>Garlic,<br/>Fresh</i>        | 1996        | 1,310                      | 7.02                           | 9,200                       | Ton         | 1,204.00              | 11,077,000             |
|                                 | 1995        | 1,003                      | 6.63                           | 6,650                       | Ton         | 1,179.00              | 7,840,000              |
| <i>Lettuce,<br/>Head</i>        | 1996        | 3,467                      | 14.10                          | 49,000                      | Ton         | ---                   | 8,524,000              |
| <i>Naked Pack</i>               |             | ---                        | ---                            | 38,500                      | Ton         | 176.00                | 6,757,000              |
| <i>Wrapped Pack</i>             |             | ---                        | ---                            | 6,540                       | Ton         | 193.00                | 1,263,000              |
| <i>Bulk Shredder</i>            |             | ---                        | ---                            | 3,970                       | Ton         | 127.00                | 504,000                |
| <i>Lettuce,<br/>Head</i>        | 1995        | 3,620                      | 18.30                          | 66,130                      | Ton         | ---                   | 38,354,000             |
| <i>Naked Pack</i>               |             | ---                        | ---                            | 60,300                      | Ton         | 619.00                | 37,328,000             |
| <i>Wrapped Pack</i>             |             | ---                        | ---                            | ---                         | Ton         | ---                   | ---                    |
| <i>Bulk Shredder</i>            |             | ---                        | ---                            | 5,830                       | Ton         | 176.00                | 1,026,000              |
| <i>Melons,<br/>Other</i>        | 1996        | 1,041                      | 16.99                          | 17,700                      | Ton         | 236.00                | 4,179,000              |
|                                 | 1995        | 783                        | 15.80                          | 12,400                      | Ton         | 356.00                | 4,414,000              |
| <i>Onions,<br/>Fresh</i>        | 1996        | 1,925                      | 22.29                          | 42,900                      | Ton         | 288.00                | 12,375,000             |
|                                 | 1995        | 1,258                      | 25.40                          | 32,000                      | Ton         | 267.00                | 8,530,000              |
| <i>Onions,<br/>Dehydrator</i>   | 1996        | 6,751                      | 18.32                          | 123,700                     | Ton         | 79.00                 | 9,733,000              |
|                                 | 1995        | 7,129                      | 18.00                          | 128,000                     | Ton         | 79.00                 | 10,075,000             |
| <i>Peppers,<br/>Bell</i>        | 1996        | 1,526                      | 15.34                          | 23,400                      | Ton         | 358.00                | 8,380,000              |
|                                 | 1995*       | 1,652                      | 11.30                          | 18,700                      | Ton         | 563.00                | 10,519,000             |



# KERN COUNTY 1996 CROP REPORT - VEGETABLE CROPS

| <u>CROP</u>  | <u>YEAR</u> | <u>HARVESTED<br/>ACRES</u> | <u>PRODUCTION<br/>PER ACRE</u> | <u>TOTAL<br/>PRODUCTION</u> | <u>UNIT</u> | <u>UNIT<br/>VALUE</u> | <u>TOTAL<br/>VALUE</u> |
|--------------|-------------|----------------------------|--------------------------------|-----------------------------|-------------|-----------------------|------------------------|
| POTATOES,    | 1996        | 22,820                     | 17.60                          | 400,840                     | Ton         | ---                   | \$ 83,995,000          |
| ALL          | 1995        | 20,074                     | 16.00                          | 321,000                     | Ton         | ---                   | 61,692,000             |
| Spring       | 1996        | 20,550                     | 18.00                          | 369,300                     | Ton         | ---                   | 74,263,000             |
| Total        | 1995        | 17,876                     | 15.80                          | 282,500                     | Ton         | ---                   | 54,995,000             |
| Fresh        | 1996        | ---                        | ---                            | 268,000                     | Ton         | \$241.00              | 64,489,000             |
| Market       | 1995        | ---                        | ---                            | 203,000                     | Ton         | 233.00                | 47,293,000             |
| Processing   | 1996        | ---                        | ---                            | 80,200                      | Ton         | 121.00                | 9,710,000              |
|              | 1995        | ---                        | ---                            | 63,200                      | Ton         | 121.00                | 7,653,000              |
| Culls        | 1996        | ---                        | ---                            | 21,400                      | Ton         | 3.00                  | 64,200                 |
|              | 1995        | ---                        | ---                            | 16,300                      | Ton         | 3.00                  | 48,800                 |
| Winter       | 1996        | 2,270                      | 13.89                          | 31,500                      | Ton         | ---                   | 9,732,000              |
| Total        | 1995        | 2,198                      | 17.59                          | 38,700                      | Ton         | ---                   | 6,697,000              |
| Fresh        | 1996        | ---                        | ---                            | 29,200                      | Ton         | 332.00                | 9,706,000              |
| Market       | 1995        | ---                        | ---                            | 35,800                      | Ton         | 186.00                | 6,664,000              |
| Culls        | 1996        | ---                        | ---                            | 2,340                       | Ton         | 11.00                 | 25,700                 |
|              | 1995        | ---                        | ---                            | 2,870                       | Ton         | 11.50                 | 33,000                 |
| Tomatoes,    | 1996        | 4,600                      | 34.60                          | 159,000                     | Ton         | 53.60                 | 8,525,000              |
| Processing   | 1995        | 5,500                      | 33.60                          | 185,000                     | Ton         | 52.00                 | 9,620,000              |
| Watermelons, | 1996        | 2,946                      | 22.30                          | 65,800                      | Ton         | 96.00                 | 6,295,000              |
| Seeded       | 1995        | 2,939                      | 21.00                          | 61,700                      | Ton         | 104.00                | 6,409,000              |
| Watermelons, | 1996        | 1,912                      | 24.00                          | 45,800                      | Ton         | 173.00                | 7,907,000              |
| Seedless     | 1995        | 3,123                      | 16.80                          | 52,500                      | Ton         | 205.00                | 10,747,000             |
| Misc.        | a/1996      | 4,220                      | ---                            | 55,300                      | Ton         | ---                   | 19,319,000             |
|              | b/1995      | 5,037                      | ---                            | 35,000                      | Ton         | ---                   | 14,895,000             |
| TOTALS       | 1996        | 92,486                     | ---                            | 2,143,790                   | Ton         | ---                   | \$271,080,000          |
|              | 1995*       | 88,324                     | ---                            | 1,933,450                   | Ton         | ---                   | 263,458,000            |

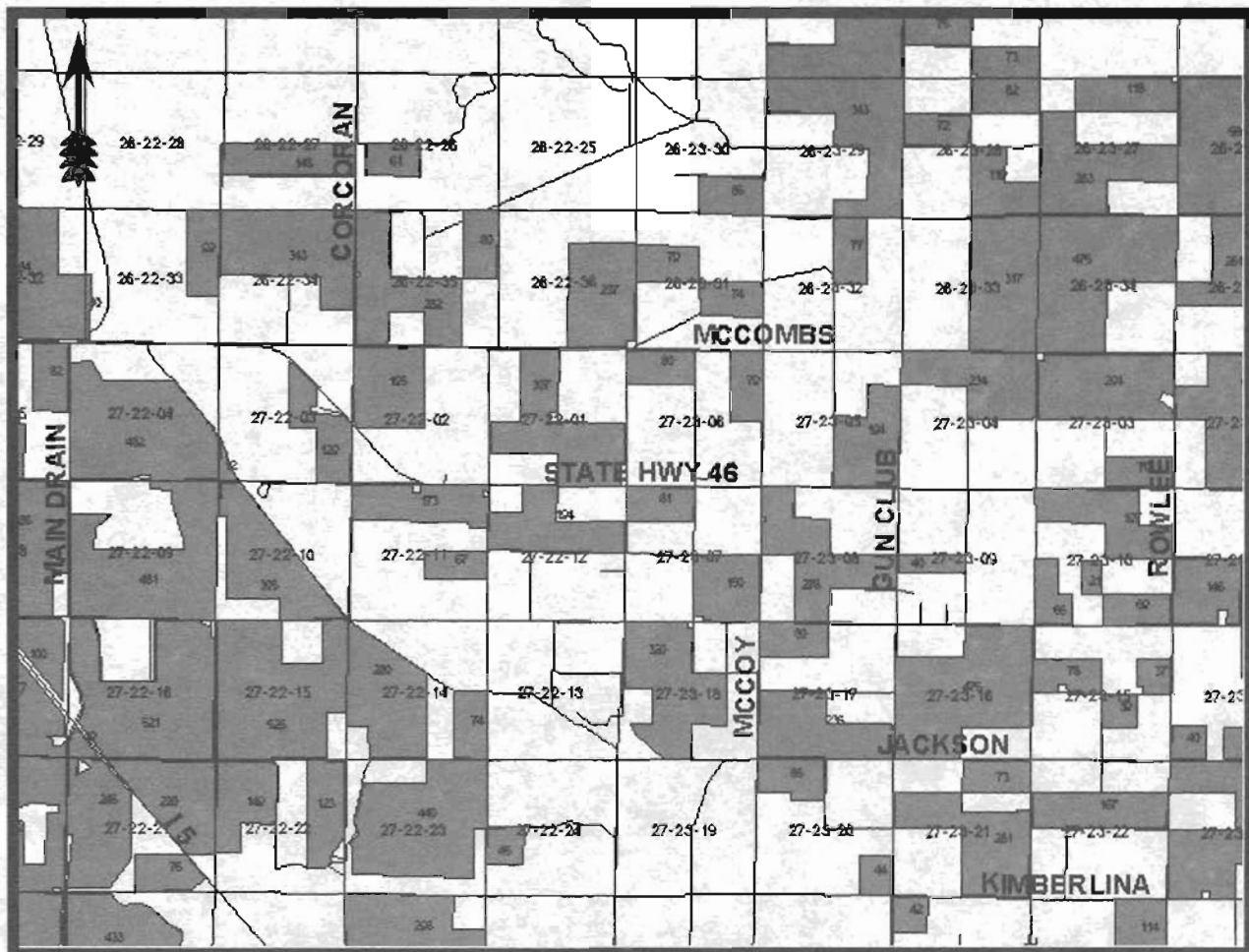
\*Revised

a/ Includes: Asparagus, Beans (Snap), Broccoli, Cabbage, Cauliflower, Leaf Lettuce, Mixed Greens, Mushrooms, Onions (Green), Parsley, Pea Sprouts, Peppers (Chili and Processing), Pumpkins, Radishes, Red Beets, Rutabagas, Spinach, Squash, Sweet Potatoes, and Turnips.

b/ Includes: Artichokes, Asparagus, Beans (Snap), Broccoli, Cabbage, Cauliflower, Eggplant, Leaf Lettuce, Mixed Greens, Mushrooms, Napa Cabbage, Okra, Onions (Green), Parsnips, Pea Sprouts, Peppers (Chili and Processing), Pumpkins, Radishes, Red Beets, Rutabagas, Squash, Sweet Potatoes, Tomatoes (Fresh), and Turnips.

# GEOGRAPHIC INFORMATION

*The Kern County Agricultural Commissioner's Office is participating in the statewide implementation of a Geographic Information System (GIS) for agriculture. A GIS is a computerized mapping and spatial analysis program that goes beyond the usual query and examination tools available to database managers. A GIS combines data about a geographic location with reference to that exact location on the Earth. Using a grid system, the described location is visualized on a map and data about that location analyzed and displayed. What makes this system unique is the relationship between the geography and the Earth itself. Every point on the planet is uniquely identified in a GIS so that no two roads, houses, or fields can occupy the same ground. This identification system provides the link between data that have been collected about a feature and the feature as it exists on the Earth.*





# SYSTEM AND AGRICULTURE



*Figure 2. Kern County 1996 almond acreage is shown here as an example of basic GIS technology. Each square represents a one mile section containing one to 640 acres of almonds. Shaded areas of the map represent populated regions.*

*Agriculture, due to its geographic base and widespread use of maps, is a logical application for this technology. By combining actual images of the area with a digital road map and other information, individual fields are mapped. Once this has been completed, cropping patterns, yields, water usage, chemical applications, and pest/disease information can be visualized at the field level. A GIS allows for the rapid and precise display of information in a format not possible in the past. The old saying "a picture is worth a thousand words," truly applies in this application of modern computer technology.*

# KERN COUNTY 1996 CROP REPORT - NURSERY CROPS

| <u>CROP</u>                   | <u>YEAR</u> | <u>HARVESTED<br/>ACRES</u> | <u>TOTAL<br/>PRODUCTION</u> | <u>UNIT</u> | <u>UNIT<br/>VALUE</u> | <u>TOTAL<br/>VALUE</u> |
|-------------------------------|-------------|----------------------------|-----------------------------|-------------|-----------------------|------------------------|
| Christmas<br>Trees            | 1996        | ---                        | 8,650                       | Tree        | ---                   | \$ 167,000             |
|                               | 1995        | ---                        | 8,770                       | Tree        | ---                   | 170,000                |
| Fruit and Nut<br>Trees, Vines | a/1996      | 280                        | 11,749,000                  | Plant       | ---                   | 31,122,000             |
|                               | a/1995      | 259                        | 12,327,000                  | Plant       | ---                   | 22,961,000             |
| Herbaceous<br>Plants          | 1996        | ---                        | ---                         | ---         | ---                   | 2,664,000              |
|                               | 1995        | ---                        | ---                         | ---         | ---                   | 3,161,000              |
| Ornamental<br>Trees & Shrubs  | a/1996      | 11                         | 66,000                      | Plant       | ---                   | 458,000                |
|                               | a/1995      | 20                         | 72,900                      | Plant       | ---                   | 495,000                |
| Propagative<br>Material       | 1996        | ---                        | ---                         | ---         | ---                   | 1,168,000              |
|                               | 1995        | ---                        | ---                         | ---         | ---                   | 1,412,000              |
| Roses                         | 1996        | 1,590                      | 28,956,000                  | Plant       | \$1.08                | 31,315,000             |
|                               | 1995        | 1,698                      | 29,884,000                  | Plant       | 1.17                  | 34,924,000             |
| Turf                          | 1996        | 700                        | 30,492,000                  | Sq Ft       | 0.18                  | 5,489,000              |
|                               | 1995        | 675                        | 29,403,000                  | Sq Ft       | 0.19                  | 5,587,000              |
| TOTALS                        | 1996        | 2,581                      | ---                         | ---         | ---                   | \$72,383,000           |
|                               | 1995        | 2,652                      | ---                         | ---         | ---                   | 68,710,000             |

a/ Includes container grown plants.

## INDUSTRIAL AND WOOD CROPS - 1996

| <u>CROP</u>               | <u>YEAR</u> | <u>TOTAL<br/>PRODUCTION</u> | <u>UNIT</u> | <u>UNIT<br/>VALUE</u> | <u>TOTAL<br/>VALUE</u> |
|---------------------------|-------------|-----------------------------|-------------|-----------------------|------------------------|
| Biomass and<br>Composting | 1996        | 302,000                     | Ton         | ---                   | \$8,009,000            |
|                           | 1995        | 252,000                     | Ton         | \$29.80               | 7,518,000              |
| Timber                    | a/1996      | 33,000                      | Brd Ft      | ---                   | 24,000                 |
|                           | a/1995      | 3,400,000                   | Brd Ft      | ---                   | 1,350,000              |
| Wood for<br>Fuel          | 1996        | 1,030                       | Cords       | b/16.50               | 17,000                 |
|                           | 1995        | 1,730                       | Cords       | b/16.80               | 29,000                 |
| TOTAL                     | 1996        | ---                         | ---         | ---                   | \$8,050,000            |
|                           | 1995        | ---                         | ---         | ---                   | 8,897,000              |

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.

# KERN COUNTY 1996 CROP REPORT - LIVESTOCK & POULTRY

| <u>KIND</u>                    | <u>YEAR</u> | <u>NUMBER<br/>OF HEAD</u> | <u>TOTAL<br/>LIVEWEIGHT</u> | <u>UNIT</u> | <u>UNIT<br/>VALUE</u> | <u>TOTAL<br/>VALUE</u> |
|--------------------------------|-------------|---------------------------|-----------------------------|-------------|-----------------------|------------------------|
| <i>Cattle and<br/>Calves</i>   | 1996        | 298,000                   | 1,129,000                   | Cwt         | \$63.75               | \$72,614,000           |
|                                | 1995        | 280,000                   | 1,050,000                   | Cwt         | 66.90                 | 70,197,000             |
| <i>Sheep and<br/>Lambs</i>     | 1996        | 158,000                   | 176,000                     | Cwt         | 80.40                 | 14,181,000             |
|                                | 1995        | 166,000                   | 185,000                     | Cwt         | 65.70                 | 12,154,000             |
| <i>Hogs</i>                    | 1996        | 2,500                     | 5,400                       | Cwt         | 52.00                 | 282,000                |
|                                | 1995        | 2,800                     | 6,160                       | Cwt         | 39.80                 | 245,000                |
| <i>Fryers and<br/>Roasters</i> | 1996        | 386,000                   | 2,183,000                   | Lb          | 0.46                  | 996,000                |
|                                | 1995        | 381,000                   | 2,273,000                   | Lb          | 0.44                  | 1,000,000              |
| <i>Ostriches</i>               | 1996        | 4,700                     | ---                         | Each        | ---                   | 1,405,000              |
|                                | 1995        | 2,651                     | ---                         | Each        | ---                   | 979,000                |
| <i>Misc.</i>                   | a/1996      | ---                       | ---                         | ---         | ---                   | 87,000                 |
|                                | b/1995      | ---                       | ---                         | ---         | ---                   | 31,600                 |
| <b>TOTALS</b>                  | 1996        | ---                       | ---                         | ---         | ---                   | \$89,565,000           |
|                                | 1995        | ---                       | ---                         | ---         | ---                   | 84,607,000             |

a/ Includes Game Birds for Meat and Other.

b/ Includes Other.

## LIVESTOCK & POULTRY PRODUCTS - 1996

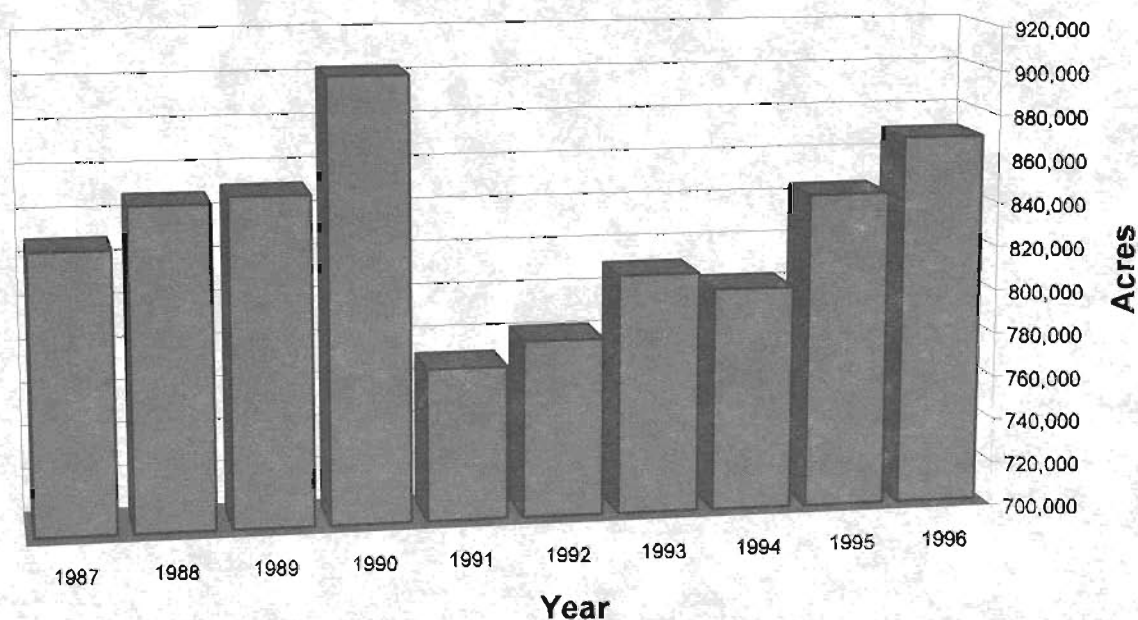
| <u>PRODUCT</u>                      | <u>YEAR</u> | <u>TOTAL<br/>PRODUCTION</u> | <u>UNIT</u> | <u>UNIT<br/>VALUE</u> | <u>TOTAL<br/>VALUE</u> |
|-------------------------------------|-------------|-----------------------------|-------------|-----------------------|------------------------|
| <i>Milk,<br/>Market</i>             | 1996        | 8,796,000                   | Cwt         | \$13.47               | \$118,481,000          |
|                                     | 1995        | 8,824,000                   | Cwt         | 11.55                 | 101,917,000            |
| <i>Milk,<br/>Manufacturing</i>      | 1996        | ---                         | Cwt         | ---                   | ---                    |
|                                     | 1995        | ---                         | Cwt         | ---                   | ---                    |
| <i>Manure</i>                       | 1996        | 235,000                     | Ton         | ---                   | 1,228,000              |
|                                     | 1995        | 166,000                     | Ton         | ---                   | 746,000                |
| <i>Wool</i>                         | 1996        | 1,728,000                   | Lb          | 0.82                  | 1,417,000              |
|                                     | 1995        | 1,650,000                   | Lb          | 1.00                  | 1,650,000              |
| <i>Other Livestock<br/>Products</i> | 1996        | ---                         | ---         | ---                   | 14,810,000             |
|                                     | 1995        | ---                         | ---         | ---                   | 10,701,000             |
| <b>TOTALS</b>                       | 1996        | ---                         | ---         | ---                   | \$135,936,000          |
|                                     | 1995        | ---                         | ---         | ---                   | 115,014,000            |



# KERN COUNTY 1996 CROP REPORT - APIARY PRODUCTS

| <u>PRODUCT</u>           | <u>YEAR</u> | <u>TOTAL<br/>PRODUCTION</u> | <u>UNIT</u> | <u>UNIT<br/>VALUE</u> | <u>TOTAL<br/>VALUE</u> |
|--------------------------|-------------|-----------------------------|-------------|-----------------------|------------------------|
| Honey                    | 1996        | 4,394,000                   | Lb          | \$ 0.84               | \$ 3,691,000           |
|                          | 1995        | 5,614,000                   | Lb          | 0.65                  | 3,649,000              |
| Beeswax                  | 1996        | 549,000                     | Lb          | 2.50                  | 1,373,000              |
|                          | 1995        | 702,000                     | Lb          | 1.85                  | 1,298,000              |
| Pollination              | 1996        | 170,000                     | Colony      | 33.20                 | 5,647,000              |
|                          | 1995        | 158,000                     | Colony      | 33.30                 | 5,261,000              |
| Other Apiary<br>Products | 1996        | ---                         | ---         | ---                   | 197,000                |
|                          | 1995        | ---                         | ---         | ---                   | 213,000                |
| TOTALS                   | 1996        | ---                         | ---         | ---                   | \$10,908,000           |
|                          | 1995        | ---                         | ---         | ---                   | 10,421,000             |

## Kern County Harvested Acres 1987 - 1996





# KERN COUNTY 1996 CROP REPORT - SUMMARY

| <u>COMMODITY</u>                      | <u>YEAR</u> | <u>HARVESTED<br/>ACRES</u> | <u>RANGE</u> | <u>ESTIMATED<br/>VALUE</u> |
|---------------------------------------|-------------|----------------------------|--------------|----------------------------|
| <i>Fruit and Nut Crops</i>            | 1996        | 233,612                    | ---          | \$ 977,834,000             |
|                                       | 1995        | 223,214                    | ---          | 1,005,502,000              |
| <i>Field Crops and Rangeland</i>      | 1996        | 538,648                    | 2,167,484    | 495,373,000                |
|                                       | 1995*       | 527,559                    | 2,192,986    | 420,477,000                |
| <i>Vegetable Crops</i>                | 1996        | 92,486                     | ---          | 271,080,000                |
|                                       | 1995*       | 88,324                     | ---          | 263,458,000                |
| <i>Nursery Crops</i>                  | 1996        | 2,581                      | ---          | 72,383,000                 |
|                                       | 1995        | 2,652                      | ---          | 68,710,000                 |
| <i>Industrial and Wood Crops</i>      | 1996        | ---                        | ---          | 8,050,000                  |
|                                       | 1995        | ---                        | ---          | 8,897,000                  |
| <i>Seed Crops</i>                     | 1996        | 2,257                      | ---          | 5,923,000                  |
|                                       | 1995        | 2,333                      | ---          | 4,985,000                  |
| <i>Livestock and Poultry</i>          | 1996        | ---                        | ---          | 89,565,000                 |
|                                       | 1995        | ---                        | ---          | 84,607,000                 |
| <i>Livestock and Poultry Products</i> | 1996        | ---                        | ---          | 135,936,000                |
|                                       | 1995        | ---                        | ---          | 115,014,000                |
| <i>Apiary Products</i>                | 1996        | ---                        | ---          | 10,908,000                 |
|                                       | 1995        | ---                        | ---          | 10,421,000                 |
| <b>TOTALS</b>                         | 1996        | 869,584                    | 2,167,484    | \$2,067,052,000            |
|                                       | 1995*       | 844,082                    | 2,192,986    | 1,982,071,000              |

\* Revised

|                                   |      |                 |
|-----------------------------------|------|-----------------|
| <i>Total value without timber</i> | 1996 | \$2,067,028,000 |
|                                   | 1995 | 1,980,721,000   |

# KERN COUNTY 1996 CROP REPORT - PEST ERADICATION

| <u>PEST</u>                            | <u>MECHANISM</u>           | <u>SCOPE OF PROGRAM</u>    |
|----------------------------------------|----------------------------|----------------------------|
| <i>Almond Tree Abatement</i>           | <i>Survey</i>              | <i>20.0 Hours</i>          |
| <i>Citrus Tristeza Virus</i>           | <i>Sampling</i>            | <i>173.5 Hours</i>         |
| <i>Dalmatian Toadflax</i>              | <i>Survey</i>              | <i>25.5 Hours</i>          |
| <i><u>Unaria dalmatica</u></i>         | <i>Eradication</i>         | <i>52.5 Hours</i>          |
| <i>Halogeton</i>                       | <i>Survey</i>              | <i>25.0 Hours</i>          |
| <i><u>Halogeton glomeratus</u></i>     |                            |                            |
| <i>Harmel</i>                          | <i>Survey</i>              | <i>5.5 Hours</i>           |
| <i><u>Peganum harmala</u></i>          | <i>Eradication</i>         | <i>14.0 Hours</i>          |
| <i>Pink Bollworm</i>                   | <i>Trapping*</i>           | <i>75 Natives Detected</i> |
| <i><u>Pectinophora gossypiella</u></i> | <i>Sterile Release*</i>    | <i>1,882 Fields</i>        |
|                                        | <i>Plowdown</i>            | <i>294,128 Acres</i>       |
| <i>Scotch Thistle</i>                  | <i>Survey</i>              | <i>1.5 Hours</i>           |
| <i><u>Onopordum acanthium</u></i>      | <i>Eradication</i>         | <i>4.0 Hours</i>           |
| <i>Spotted Knapweed</i>                | <i>Survey</i>              | <i>25.0 Hours</i>          |
| <i><u>Centaurea maculosa</u></i>       | <i>Eradication</i>         | <i>24.5 Hours</i>          |
| <i>Yellow Starthistle</i>              | <i>Mapping and</i>         |                            |
| <i><u>Centaurea solstitialis</u></i>   | <i>Biocontrol Releases</i> | <i>52.0 Hours</i>          |

\*Cooperative Pink Bollworm Project

## PEST EXCLUSION - 1996

| <u>INTERCEPTION</u>           |            | <u>PATHWAY</u>     |
|-------------------------------|------------|--------------------|
| <i>Live Pest</i>              | <i>9</i>   | <i>Post Office</i> |
| <i>Improper Certification</i> | <i>118</i> | <i>Post Office</i> |
| <i>Labelling</i>              | <i>25</i>  | <i>Post Office</i> |
| <i>Live Pest</i>              | <i>8</i>   | <i>Parcel Post</i> |
| <i>Improper Certification</i> | <i>39</i>  | <i>Parcel Post</i> |
| <i>Labelling</i>              | <i>20</i>  | <i>Parcel Post</i> |
| <i>Live Pest</i>              | <i>3</i>   | <i>Truck, Rail</i> |
| <i>Improper Certification</i> | <i>3</i>   | <i>Truck, Rail</i> |

Kern County intercepted 1 "Q" rated and 12 "C" rated pests in 1996.

# KERN COUNTY 1996 CROP REPORT - PEST DETECTION/TRAPPING

| <u>TRAP NAME</u>         | <u>NUMBER</u> | <u>WHERE DEPLOYED</u> |
|--------------------------|---------------|-----------------------|
| Medfly Jackson Trap      | 700           | Residential Areas     |
| Medfly Jackson Trap      | 100           | Commercial Areas      |
| Oriental FF Jackson Trap | 150           | Residential Areas     |
| Melon FF Jackson Trap    | 150           | Residential Areas     |
| McPhail Trap             | 180           | Residential Areas     |
| Gypsy Moth Delta Trap    | 300           | Residential Areas     |
| Gypsy Moth Delta Trap    | 50            | High Hazard Areas     |
| Japanese Beetle Trap     | 300           | Residential Areas     |
| Khapra Beetle Trogotrap  | 95            | High Hazard Areas     |
| European Corn Borer Trap | 20            | High Hazard Areas     |
| European Pine Shoot Moth | 10            | Nurseries             |

## EXOTIC PESTS TRAPPED

### *Sterile Mediterranean Fruit Flies*

|                        | <u>1993</u> | <u>1994</u> | <u>1995</u> | <u>1996</u> |
|------------------------|-------------|-------------|-------------|-------------|
| Bakersfield Area       | 9           | 18          | 24          | 4           |
| Buttonwillow Area      | 1           | 9           | 11          | 0           |
| Lebec - Grapevine Area | 7           | 8           | 15          | 2           |
| Other Areas            | <u>3</u>    | <u>5</u>    | <u>9</u>    | <u>1</u>    |
| TOTAL                  | 20          | 40          | 59          | 7           |

### *Sterile Mexican Fruit Flies*

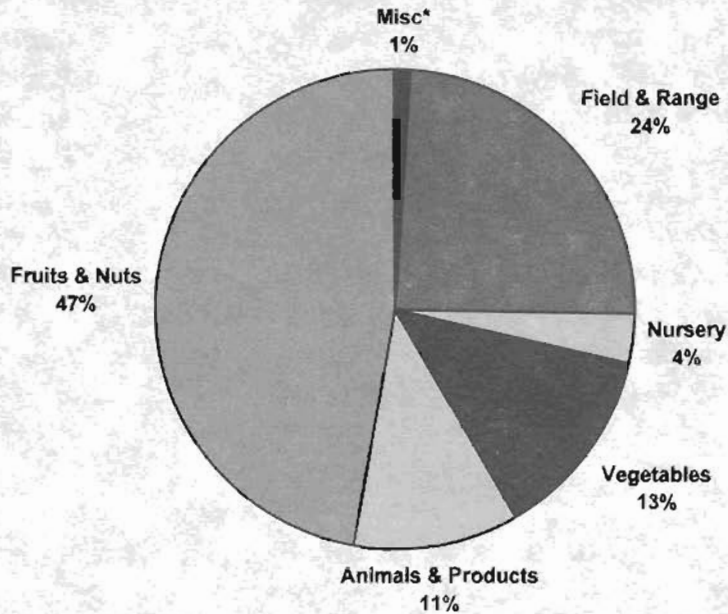
|                  | <u>1993</u> | <u>1994</u> | <u>1995</u> | <u>1996</u> |
|------------------|-------------|-------------|-------------|-------------|
| Bakersfield Area | 0           | 8           | 0           | 0           |

## BIOLOGICAL CONTROL ACTIVITIES - 1996

| <u>PEST</u>                                         | <u>AGENT</u>                                           | <u>SCOPE OF PROGRAM</u>                                               |
|-----------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------|
| Silverleaf Whitefly<br><i>Bemisia tabaci</i>        | Parasitic wasp<br><i>Eretmocerus</i> sp.               | 3 Species Released<br>8 Release Sites<br>210,000 Individuals Released |
| Yellow Starthistle<br><i>Centaurea solstitialis</i> | Hairy Weevil See Summary<br><i>Eustenopus villosus</i> |                                                                       |

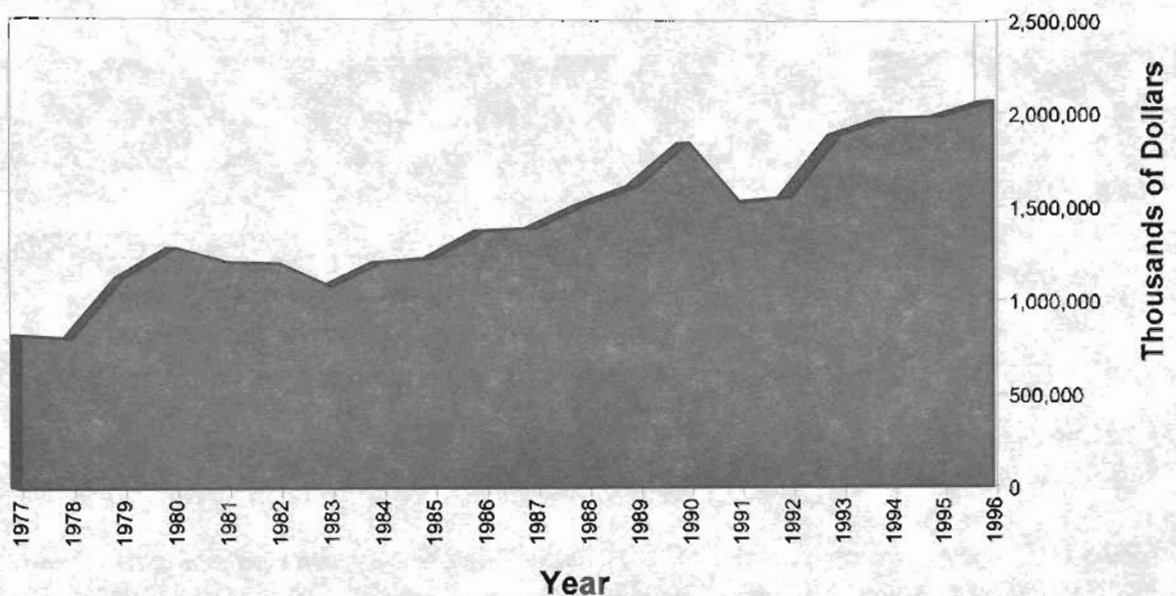
In June, 1996 Hairy weevils were collected from Yellow Starthistle plants adjacent to Folsom Lake in Sacramento County by the Kern County Agricultural Commissioner's Office. District Biologist Barry Marlett released 1,000 of these weevils in the Tehachapi area. Another 400 weevils were released in the Frazier Park area.

## Kern County 1996 Crop Value \$2,067,052,000



\* Misc Includes: Industrial, Seed, and Apiary

## Kern County Total Crop Value A 20 Year Comparison





*Kern County Agricultural Commissioner's Office  
Personnel - 1996*

*Agricultural Commissioner  
Theodore K. Davis*

*Assistant Agricultural Commissioner  
Louie I. Cervantes*

*Deputy Agricultural Commissioners  
Jack E. Marks  
David J. Moore*

*Agricultural Biologist IVs*

|                                                  |                                               |
|--------------------------------------------------|-----------------------------------------------|
| <i>Steven H. Groves, Shafter/Wasco</i>           | <i>Douglas I. Roye, Mettler</i>               |
| <i>Calvin E. Langston, Edison/Bakersfield</i>    | <i>Samuel A. Vorhees, Delano/McFarland</i>    |
| <i>Barry H. Marlett, Tehachapi</i>               | <i>Steven G. Watson, Arvin/Lamont</i>         |
| <i>Matthew R. Peet, Pest Exclusion/Detection</i> | <i>Robert L. Wegis, Pesticide Enforcement</i> |
| <i>Richard L. White, Fruit &amp; Vegetable</i>   |                                               |

*Agricultural Biologists*

|                              |                            |
|------------------------------|----------------------------|
| <i>Irene M. Acosta</i>       | <i>Myron K. Kimmel</i>     |
| <i>Lanette M. Bankston</i>   | <i>Gary A. Klawitter</i>   |
| <i>James A. Brackeen</i>     | <i>Marilou S. Lagasca</i>  |
| <i>Jacquelyn K. Bressler</i> | <i>Cortney Lapp</i>        |
| <i>Craig M. Foy</i>          | <i>Albert C. McCoy</i>     |
| <i>Edward W. Greynolds</i>   | <i>Cerise K. Nettleton</i> |
| <i>Darin B. Heard</i>        | <i>G. Duane Orullian</i>   |
| <i>Nancy J. Holland</i>      | <i>Mark R. Sabin</i>       |
| <i>Craig Hudson</i>          | <i>Joseph V. Sithole</i>   |
| <i>Alpha A. Kamara</i>       | <i>Raymond M. Valles</i>   |
| <i>Kenneth W. Kenney</i>     | <i>M. Sharon Wilbur</i>    |
| <i>Michael R. Williams</i>   |                            |

*Clerical*

|                                                     |                                                   |
|-----------------------------------------------------|---------------------------------------------------|
| <i>Sharon S. Cornelison<br/>Senior Secretary</i>    | <i>Bonita M. Christolear<br/>Account Clerk IV</i> |
| <i>Nancy L. Finzel<br/>Typist Clerk III</i>         | <i>Kathryn F. Miller<br/>Account Clerk III</i>    |
| <i>Barbara McMillian<br/>Data Entry Operator II</i> | <i>Elizabeth A. Hall<br/>Account Clerk II</i>     |