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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

Imperial County

1990-1999

California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

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IMPERIAL COUNTY



1990 AGRICULTURAL
CROP & LIVESTOCK REPORT

AGRICULTURAL COMMISSIONER/DIRECTOR OF WEIGHTS & MEASURES/AIR QUALITY CONTROL

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Cover: Bard/Winterhaven date palms photographed by Martin D. Fitzurka, Staff Photographer.

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Special thanks to Phyllis L. Cason who produced this report

AGRICULTURAL

SEALER OF WEIGHTS



COMMISSIONER

AND MEASURES

STEPHEN L. BIRDSALL • COMMISSIONER • DIRECTOR
MIGUEL A. MONROY • ASSISTANT COMMISSIONER • DIRECTOR

150 SOUTH NINTH STREET • EL CENTRO, CA 92243-2850
TELEPHONE: (619) 339-4314

April 18, 1991

TO: Henry Voss, Director
Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Imperial
James M. Bucher, Chairman
Bill Cole
Abe F. Seabolt
Sam Sharp
Wayne VanDeGraaff

I herewith submit the Annual Crop Report as required by Section 2279 of the Food and Agricultural Code.

I would like to report that the total County Agricultural production values have surpassed the one billion dollar mark for the first time. Gross annual agricultural income in 1990 was \$1,016,811,000 dollars, a 4 percent increase over the 1989 annual income. This increase was posted primarily in the field crops sector (27%) and in the livestock revenue (10%). A decline in revenue was experienced in the remainder of our agricultural economy.

I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit. However, for every thousand dollars of total gross value produced, \$200 dollars of personal income is generated to agricultural related jobs. This accounts for 14.8% of the total personal income generated in public and private sector jobs in the county.

I wish to thank all the individuals, growers and organizations for their cooperation in providing the information required to compile this report and express special thanks to my staff for their dedicated work.

Sincerely,

Stephen L. Birdsall
Agricultural Commissioner



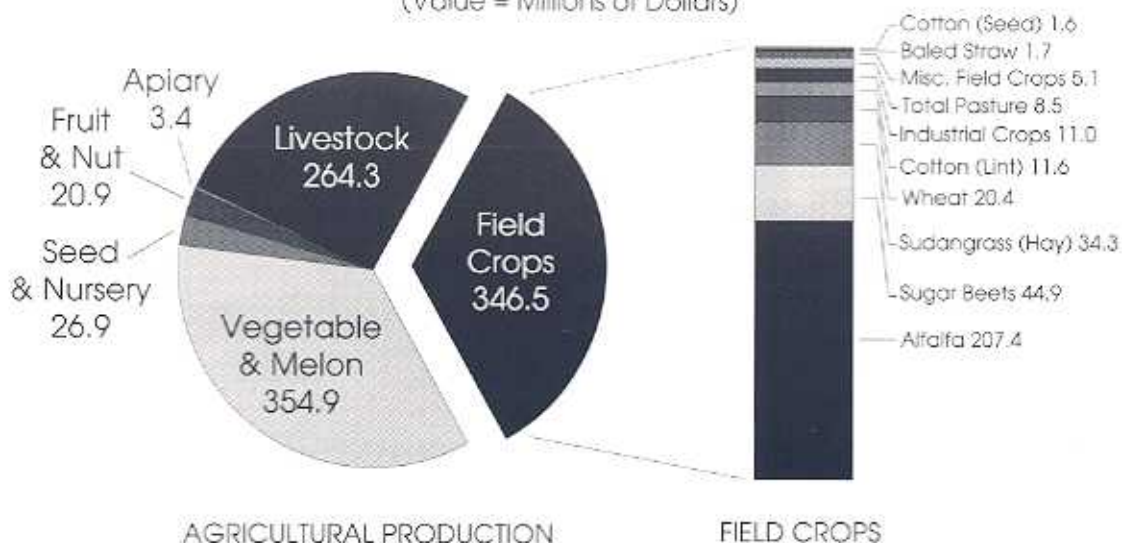
LIVESTOCK

| CROP | YEAR | TOTAL HEAD | UNIT GAIN | TOTAL GAIN | UNIT | VALUE PER UNIT | GROSS VALUE |
|-------------------------------|-------|------------|-----------|--------------|------|----------------|-------------|
| CATTLE (Feedlot) | | | | | | | |
| Finished..... | 1990 | 420,137 | B 6.74 | 2,831,723.30 | CWT | B 76.53 | 216,725,000 |
| Backgrounded..... | A1990 | 91,813 | B 2.78 | 255,240.14 | CWT | B 84.00 | 21,440,000 |
| TOTAL CATTLE | 1990 | 511,950 | 6.03 | 3,086,963.44 | CWT | 77.15 | 238,165,000 |
| CATTLE | C1989 | 529,587 | 5.70 | 3,018,645.90 | CWT | 73.61 | 222,203,000 |
| SHEEP (Feeders) | | | | | | | |
| | 1990 | 263,355 | .47 | 123,776.85 | CWT | 59.25 | 7,334,000 |
| | *1989 | 286,974 | .47 | 134,877.78 | CWT | 66.05 | 8,909,000 |
| WOOL | | | | | | | |
| | 1990 | 271,500 | | 1,086,000.00 | LBS | D 1.07 | 1,162,000 |
| | *1989 | 295,850 | | 1,183,400.00 | LBS | D .95 | 1,124,000 |
| AQUATIC PRODUCTS | | | | | | | |
| (Fish & Algae)..... | 1990 | | | | | | 8,629,000 |
| | 1989 | | | | | | 5,917,000 |
| MISC. LIVESTOCK | | | | | | | |
| (Dairy, Dairy | 1990 | | | | | | 8,972,000 |
| Helpers & Swine) | 1989 | | | | | | 2,145,000 |
| | | | | | | | 264,262,000 |
| | | | | | | | 240,298,000 |

- * - 1989 Revised
- A - Backgrounded = Cattle fed but not ready for market
- B - Based on average gain and price
- C - Not all are finished cattle
- D - Includes estimated government payments

1990 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)





FIELD CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|----------------------------|--------------|----------------|----------------|--------------|------|----------------|--------------------|
| ALFALFA | 1990 | 23,184 | 9.70 | 224,884.80 | TON | 129.70 | 29,168,000 |
| (Cubed & Dehydrated) | 1989 | 20,204 | 9.78 | 197,595.12 | TON | 120.00 | 23,711,000 |
| ALFALFA HAY (Baled) | 1990 | 170,017 | 9.70 | 1,649,164.90 | TON | 108.09 | 178,258,000 |
| | 1989 | 150,135 | 9.78 | 1,468,320.30 | TON | 97.13 | 142,618,000 |
| TOTAL ALFALFA | 1990 | 193,201 | 9.70 | 1,874,049.70 | TON | 110.68 | 207,426,000 |
| | 1989 | 170,339 | 9.78 | 1,665,915.42 | TON | 99.84 | 166,329,000 |
| COTTON (Lint) | 1990 | 15,442 | 2.05 | 31,656.10 | BALE | 365.00 | 11,554,000 |
| | 1989 | 12,967 | A 2.33 | 30,213.11 | BALE | B 350.00 | 10,575,000 |
| COTTON (Seed) | 1990 | 15,442 | .82 | 12,662.44 | TON | 128.00 | 1,621,000 |
| | 1989 | 12,967 | .93 | 12,059.31 | TON | 125.00 | 1,507,000 |
| INDUSTRIAL CROPS | 1990 | | | | | | 11,011,000 |
| | 1989 | | | | | | 2,074,000 |
| PASTURE CROPS | | | | | | | |
| Alfalfa | 1990 | 115,920 | # | | ACRE | 46.20 | 5,356,000 |
| | 1989 | 102,203 | # | | ACRE | 46.20 | 4,722,000 |
| Ryegrass | 1990 | 8,876 | C | | ACRE | 175.00 | 1,553,000 |
| | 1989 | 8,205 | C | | ACRE | 175.00 | 1,436,000 |
| Sugar Beet Tops.. | 1990 | 31,895 | # | | ACRE | 28.00 | 893,000 |
| | 1989 | 17,467 | # | | ACRE | 28.00 | 489,000 |
| Misc. Pasture | 1990 | 21,865 | # | | ACRE | 30.80 | 673,000 |
| | 1989 | 26,741 | # | | ACRE | 30.80 | 824,000 |
| TOTAL PASTURE | 1990 | 178,556 | | | ACRE | 47.46 | 8,475,000 |
| | 1989 | 154,616 | | | ACRE | 48.32 | 7,471,000 |
| BALED STRAW | 1990 | | | 50,787.90 | TON | 34.29 | 1,742,000 |
| (Wheat, Bermuda, Alfalfa) | 1989 | | | 80,871.80 | TON | 35.00 | 2,831,000 |
| SUDANGRASS HAY | 1990 | 42,087 | 8.00 | 336,696.00 | TON | 101.83 | 34,286,000 |
| | 1989 | 49,167 | 4.00 | 196,668.00 | TON | 85.00 | 16,717,000 |
| SUGAR BEETS | 1990 | 35,439 | 28.60 | 1,013,555.40 | TON | 44.28 | 44,882,000 |
| | 1989 | 26,873 | 26.40 | 709,447.20 | TON | 41.96 | 29,768,000 |
| WHEAT | 1990 | 58,728 | 2.85 | 167,374.80 | TON | 122.00 | 20,420,000 |
| | 1989 | 99,834 | 2.70 | 269,551.80 | TON | 126.00 | 33,964,000 |
| MISC. FIELD CROPS | 1990 | 17,825 | | | TON | 93.57 | 5,080,000 |
| | 1989 | 5,865 | | | TON | 149.73 | 878,000 |
| TOTALS 1990 | ACRES | 371,598 | | | | VALUE | 346,497,000 |
| TOTALS 1989 | ACRES | 373,250 | | | | VALUE | 272,114,000 |

INDUSTRIAL CROPS = Agricultural waste for fuel and oil seeds.

MISC. FIELD CROPS = Barley, Bermudagrass Hay, Ryegrass Hay, Corn, Oats, Sorghum Grain, Sorghum Silage

= Pastured one time and acres are counted in other crops.

A = 500 lb. bales.

B = Includes government payment.

C = Pastured five times.



VEGETABLE AND MELON CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|----------------------------------|-------|--------|----------------|-------------|------------|----------------|-------------|
| ASPARAGUS | | | | | | | |
| Harvested..... | 1990 | 4,516 | 143 | 646,740 | 30 LB CTN | 39.23 | 25,372,000 |
| New Seeding..... | 1990 | 209 | | | | | |
| Harvested..... | 1989 | 4,347 | 128 | 559,328 | 30 LB CTN | 38.47 | 21,517,000 |
| BROCCOLI (Market)..... | | | | | | | |
| | 1990 | 10,484 | 445 | 4,666,288 | 26 LB CTN | 4.93 | 23,033,000 |
| | 1989 | 11,928 | 381 | 4,551,009 | 26 LB CTN | 5.30 | 24,134,000 |
| CABBAGE (Market)..... | | | | | | | |
| | 1990 | 862 | 712 | 614,391 | 50 LB CTN | 8.03 | 4,936,000 |
| | 1989 | 895 | 619 | 554,184 | 50 LB CTN | 3.69 | 2,046,000 |
| CARROTS | | | | | | | |
| Market..... | 1990 | 12,682 | 705 | 8,950,944 | 50 LB BAG | 6.14 | 55,000,000 |
| Processing & Feed.... | 1990 | | 2 | 25,868 | TON | 6.34 | 164,000 |
| TOTAL CARROTS..... | 1990 | 12,682 | | | | | 55,164,000 |
| | *1989 | 12,661 | 707 | 8,954,602 | 50 LB BAG | 6.41 | 57,399,000 |
| CAULIFLOWER (Market)..... | | | | | | | |
| | 1990 | 8,683 | 456 | 3,962,615 | 23 LB CTN | 5.43 | 21,517,000 |
| | 1989 | 8,761 | 375 | 3,291,070 | 23 LB CTN | 7.21 | 23,715,000 |
| HEAD LETTUCE | | | | | | | |
| Naked Pack..... | 1990 | 27,327 | 380 | 10,391,193 | 50 LB CTN | ** 3.65 | 37,928,000 |
| | 1989 | 25,795 | 367 | 9,471,924 | 50 LB CTN | 7.90 | 74,828,000 |
| Wrap Pack..... | 1990 | 11,711 | 380 | 4,453,369 | 40 LB CTN | ** 3.27 | 14,607,000 |
| | 1989 | 11,055 | 367 | 4,062,712 | 40 LB CTN | 7.09 | 28,790,000 |
| Trim & Cored..... | 1990 | | | 229,120 | 35 LB CTN | 2.77 | 635,000 |
| | 1989 | | | 276,251 | 35 LB CTN | 6.00 | 1,658,000 |
| Salad Products..... | 1990 | | | 2,991,342 | 20 LB BAG | 2.87 | 8,599,000 |
| | 1989 | | | 3,273,303 | 20 LB BAG | 6.40 | 20,949,000 |
| TOTAL HEAD LETTUCE..... | 1990 | 39,038 | | | | | 61,769,000 |
| | 1989 | 36,850 | | | | | 126,225,000 |
| LEAF LETTUCE..... | | | | | | | |
| | 1990 | 4,241 | 607 | 2,576,353 | 35 LB CTN | 5.65 | 14,557,000 |
| | 1989 | 3,073 | 510 | 1,569,873 | 35 LB CTN | 7.99 | 12,544,000 |
| ONIONS | | | | | | | |
| Market..... | 1990 | 3,565 | 917 | 3,271,652 | 50 LB SACK | 6.72 | 21,985,000 |
| | 1989 | 3,305 | 617 | 2,041,168 | 50 LB SACK | 4.65 | 9,489,000 |
| Processor..... | 1990 | 6,560 | 19 | 125,361 | TON | 73.97 | 9,273,000 |
| | 1989 | 4,514 | 15 | 68,613 | TON | 70.25 | 4,820,000 |
| TOTAL ONIONS..... | 1990 | 10,125 | | | | | 31,258,000 |
| | 1989 | 7,819 | | | | | 14,309,000 |

** - Container price based on average price per pound.

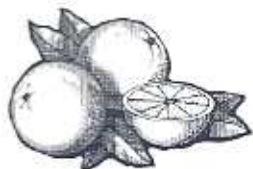


VEGETABLE AND MELON CROPS (Continued)

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|-------------------------------|--------------|----------------|-------------------|-------------|-----------|-------------------|--------------------|
| TOMATOES | | | | | | | |
| Market..... | 1990 | 1,196 | 1,067 | 1,276,884 | 25 LB CTN | 5.00 | 6,384,000 |
| | 1989 | 648 | 1,210 | 784,339 | 25 LB CTN | 5.71 | 4,479,000 |
| Processor..... | 1990 | 10,400 | 32 | 334,900 | TON | 55.20 | 18,486,000 |
| | 1989 | 11,200 | 32 | 356,944 | TON | 52.10 | 18,597,000 |
| TOTAL TOMATOES | 1990 | 11,596 | | | | | 24,870,000 |
| | 1989 | 11,848 | | | | | 23,076,000 |
| MISC. VEGETABLES | 1990 | | | 46,197 | TON | 434.08 | 20,053,000 |
| | *1989 | | | 27,964 | TON | 371.05 | 10,376,000 |
| CANTALOUPE | | | | | | | |
| Spring..... | 1990 | 24,821 | 198 | 4,921,499 | 40 LB CTN | 9.28 | 45,696,000 |
| | 1989 | 21,303 | 507 | 10,811,273 | 40 LB CTN | 4.33 | 46,808,000 |
| Fall..... | 1990 | 10,331 | 227 | 2,349,879 | 40 LB CTN | 6.99 | 16,444,000 |
| | 1989 | 9,559 | 331 | 3,164,029 | 40 LB CTN | 7.04 | 22,258,000 |
| TOTAL CANTALOUPE | 1990 | 35,152 | 206 | 7,271,378 | 40 LB CTN | 8.54 | 62,140,000 |
| | 1989 | 30,862 | 452 | 13,975,302 | 40 LB CTN | 4.94 | 69,066,000 |
| HONEYDEW MELONS | | | | | | | |
| Spring..... | 1990 | 975 | 181 | 176,999 | 30 LB CTN | 7.08 | 1,253,000 |
| | 1989 | 573 | 836 | 479,028 | 30 LB CTN | 2.85 | 1,365,000 |
| Fall..... | 1990 | 2,010 | 345 | 693,865 | 30 LB CTN | 8.22 | 5,704,000 |
| | 1989 | 2,150 | 720 | 1,549,440 | 30 LB CTN | 4.42 | 6,852,000 |
| TOTAL HONEYDEWS ... | 1990 | 2,985 | 291 | 870,864 | 30 LB CTN | 7.99 | 6,957,000 |
| | 1989 | 2,723 | 745 | 2,028,468 | 30 LB CTN | 4.05 | 8,217,000 |
| MISC. MELONS | | | | | | | |
| Spring..... | 1990 | 377 | 321 | 121,262 | 30 LB CTN | 3.55 | 431,000 |
| | 1989 | 199 | 950 | 189,183 | 30 LB CTN | 3.44 | 651,000 |
| Fall..... | 1990 | 443 | 70 | 31,155 | 30 LB CTN | 1.18 | 37,000 |
| | 1989 | 660 | 512 | 337,920 | 30 LB CTN | 5.00 | 1,689,000 |
| TOTAL MISC. MELONS | 1990 | 820 | 185 | 152,417 | 30 LB CTN | 3.07 | 468,000 |
| | 1989 | 859 | 613 | 527,103 | 30 LB CTN | 4.44 | 2,340,000 |
| WATERMELONS | 1990 | 3,233 | 6 | 18,014 | TON | 153.99 | 2,774,000 |
| | 1989 | 4,261 | 6 | 27,398 | TON | 147.77 | 4,049,000 |
| TOTALS 1990..... | ACRES | 144,417 | | | | VALUE | 354,868,000 |
| * TOTALS 1989..... | ACRES | 136,887 | | | | VALUE | 399,013,000 |

MISC. VEGETABLES = Artichokes, Beans, Bell Peppers, Celery, Chinese Vegetables, Corn, Cucumbers, Eggplant, Garlic, Parsnips, Potatoes, Rapini, Rutabagas, Spinach, Squash, Turnips

* - 1989 Revised



FRUIT AND NUT CROPS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|-------|--------------|----------------|-------------|------|----------------|-------------|
| DATES | | | | | | | |
| HARVESTED | 1990 | 517 | 3.36 | 1,736.70 | TON | 3,977.66 | 6,908,000 |
| Non-Bearing | 1990 | 94 | | | | | |
| HARVESTED | 1989 | 446 | 4.15 | 1,850.90 | TON | 4,660.00 | 8,625,000 |
| GRAPEFRUIT | | | | | | | |
| HARVESTED | 1990 | 315 | 9.90 | 3,118.50 | TON | 475.55 | 1,483,000 |
| Non-Bearing | 1990 | 285 | | | | | |
| HARVESTED | 1989 | 537 | 6.25 | 3,356.25 | TON | 329.74 | 1,107,000 |
| LEMONS | | | | | | | |
| HARVESTED | 1990 | 1,491 | 6.46 | 9,631.86 | TON | 658.96 | 6,347,000 |
| Non-Bearing | 1990 | 21 | | | | | |
| HARVESTED | 1989 | 1,656 | 5.57 | 9,223.92 | TON | 658.07 | 6,070,000 |
| ORANGES (NAVELS & VALENCIA) | | | | | | | |
| HARVESTED | 1990 | 491 | 11.42 | 5,607.22 | TON | 455.48 | 2,554,000 |
| Non-Bearing | 1990 | 91 | | | | | |
| HARVESTED | 1989 | 632 | 7.62 | 4,815.84 | TON | 552.03 | 2,658,000 |
| TANGERINES | | | | | | | |
| HARVESTED | 1990 | 120 | 12.97 | 1,556.46 | TON | 511.42 | 796,000 |
| Non-Bearing | 1990 | 226 | | | | | |
| HARVESTED | 1989 | 205 | 7.53 | 1,543.65 | TON | 753.10 | 1,163,000 |
| MISC. CITRUS, FRUIT & NUT CROPS | | | | | | | |
| HARVESTED | 1990 | 593 | 3.00 | 1,778.10 | TON | 1,187.78 | 2,112,000 |
| Non-Bearing | 1990 | 481 | | | | | |
| HARVESTED | *1989 | 1,007 | 6.26 | 6,302.68 | TON | 800.77 | 5,047,000 |
| CITRUS BY-PRODUCTS | | 1990 | | 10,533.76 | TON | 67.87 | 715,000 |
| | | 1989 | | 11,750.71 | TON | 69.19 | 813,000 |
| ** TOTALS 1990 | | ACRES | 3,527 | | | VALUE | 20,915,000 |
| * TOTALS 1989 | | ACRES | 4,483 | | | VALUE | 25,483,000 |

MISC. CITRUS = Limes, Temples and Tangelos
 FRUIT & NUT CROPS = Pecans, Grapes, Peaches, Mangos, Nectarines and Guavas

** - Acreage is based on the 1990 California Fruit and Nut Acreage Survey.
 * - 1989 Revised



SEED CROPS & NURSERY PRODUCTS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|---|-------|---------------|----------------|---------------|------|----------------|-------------------------|
| ALFALFA SEED | 1990 | 15,795 | 360.00 | 5,686,200.00 | LBS | 1.50 | 8,529,000 |
| | 1989 | 17,783 | 475.00 | 8,446,925.00 | LBS | 1.35 | 11,403,000 |
| BERMUDAGRASS SEED | 1990 | 11,954 | 398.75 | 4,766,657.00 | LBS | 1.22 | 5,815,000 |
| | 1989 | 18,561 | 575.00 | 10,672,575.00 | LBS | 1.30 | 13,874,000 |
| MISC. FIELD CROP SEED | 1990 | 2,571 | | | | | 982,000 |
| | *1989 | 5,261 | | | | | 1,981,000 |
| ONION SEED | 1990 | 3,339 | 451.35 | 1,507,050.00 | LBS | 4.60 | 6,932,000 |
| | 1989 | 2,560 | 508.33 | 1,301,324.80 | LBS | 5.42 | 7,053,000 |
| MISC. VEGETABLE & FLOWER SEED & NURSERY | 1990 | 871 | | | | | 1,194,000 |
| | 1989 | 3,773 | | | | | 1,117,000 |
| CERTIFIED SEED | 1990 | 6,718 | | | | | 3,416,000 |
| | 1989 | 1,355 | | | | | 1,540,000 |
| TOTALS 1990...ACRES | | 41,248 | | | | | VALUE 26,868,000 |
| TOTALS 1989...ACRES | | 49,293 | | | | | VALUE 36,968,000 |

* - 1989 Revised

MISC. FIELD CROP SEED = Beans-Blackeyed, Ryegrass, Sudangrass, Wheat

MISC. VEG. & FLOWER SEED = Asparagus, Broccoli, Cabbage, Carrots, Cauliflower, Celery,

Chinese Cabbage, Chinese Celery, Flowers, Mustard

CERTIFIED SEED = Alfalfa, Asparagus, Beans-Blackeyed, Bermudagrass, Rape, Wheat



APIARY PRODUCTS

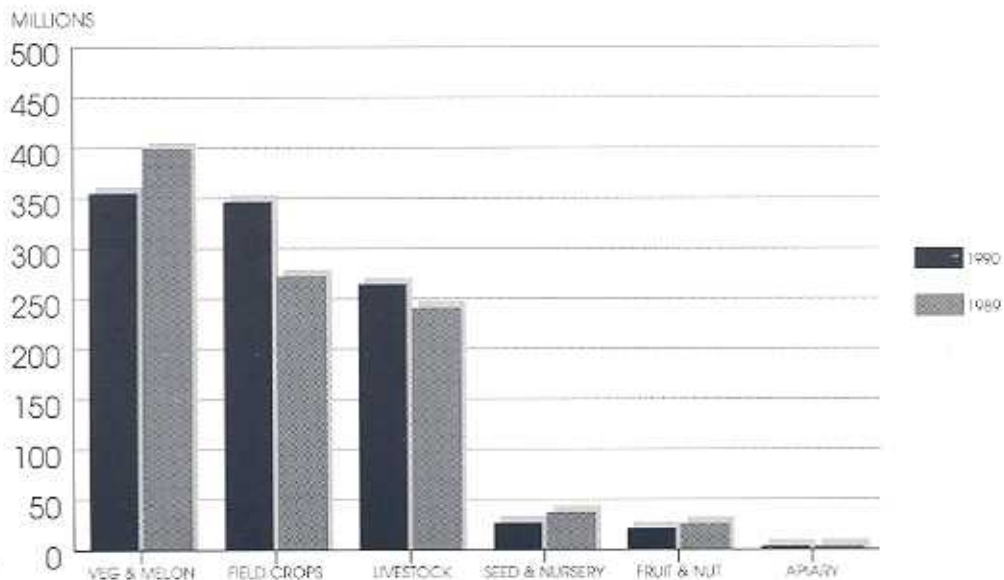
| | YEAR | TOTAL HIVES | YIELD PER HIVE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|-------------------|------|-------------|----------------|--------------|------|-------------------|------------------|
| HONEY | 1990 | 67,437 | 30.00 | 2,023,136.00 | LBS | .46 | 931,000 |
| | 1989 | 63,223 | 40.00 | 2,528,920.00 | LBS | .54 | 1,366,000 |
| WAX | 1990 | 67,437 | .50 | 33,718.50 | LBS | 1.25 | 42,000 |
| | 1989 | 63,223 | .67 | 42,359.41 | LBS | 1.15 | 49,000 |
| POLLINATION | 1990 | 134,874 | | | COL | 18.00 | 2,428,000 |
| | 1989 | 126,446 | | | COL | 17.00 | 2,150,000 |
| | | | | | | VALUE 1990 | 3,401,000 |
| | | | | | | VALUE 1989 | 3,565,000 |

SUMMARY

| COMMODITY | YEAR | HARVESTED ACREAGE | VALUE |
|-------------------------------------|-------|----------------------|-----------------|
| VEGETABLE & MELON CROPS..... | 1990 | 144,417 | \$ 354,868,000 |
| | *1989 | 136,887 | 399,013,000 |
| FIELD CROPS | 1990 | 371,598 | 346,497,000 |
| | 1989 | 373,250 | 272,114,000 |
| LIVESTOCK..... | 1990 | | 264,262,000 |
| | *1989 | | 240,298,000 |
| SEED CROPS & NURSERY PRODUCTS | 1990 | 41,248 | 26,868,000 |
| | 1989 | 49,293 | 36,968,000 |
| FRUIT AND NUT CROPS..... | 1990 | 3,527 | 20,915,000 |
| | 1989 | 4,483 | 25,483,000 |
| APIARY PRODUCTS..... | 1990 | | 3,401,000 |
| | 1989 | | 3,565,000 |
| TOTAL | 1990 | 560,790 | \$1,016,811,000 |
| | *1989 | 563,913 | 977,441,000 |

* - 1989 Revised

GROSS VALUE 1990-1989 COMPARISON (Value = Millions of Dollars)



MILLION DOLLAR PRODUCTS

1990 RANKING

1989 RANKING

| 1990 RANKING | Product | Value | 1989 RANKING |
|--------------|--|----------------|--------------|
| 1 | CATTLE | \$ 238,165,000 | 1 |
| 2 | ALFALFA | 207,426,000 | 2 |
| 3 | CANTALOUPE | 62,140,000 | 4 |
| 4 | LETTUCE | 61,769,000 | 3 |
| 5 | * CARROTS | 55,164,000 | 5 |
| 6 | SUGAR BEETS | 44,882,000 | 7 |
| 7 | SUDAN GRASS HAY | 34,286,000 | 12 |
| 8 | ONIONS | 31,258,000 | 13 |
| 9 | ASPARAGUS | 25,372,000 | 11 |
| 10 | TOMATOES | 24,870,000 | 10 |
| 11 | BROCCOLI | 23,033,000 | 8 |
| 12 | CAULIFLOWER | 21,517,000 | 9 |
| 13 | WHEAT | 20,420,000 | 6 |
| 14 | MISC. VEGETABLES | 20,053,000 | 18 |
| 15 | LEAF LETTUCE | 14,557,000 | 15 |
| 16 | COTTON (LINT) | 11,554,000 | 17 |
| 17 | INDUSTRIAL CROPS | 11,011,000 | 33 |
| 18 | MISC. LIVESTOCK | 8,972,000 | 32 |
| 19 | AQUATIC PRODUCTS | 8,629,000 | 25 |
| 20 | ALFALFA SEED | 8,529,000 | 16 |
| 21 | TOTAL PASTURE | 8,475,000 | 22 |
| 22 | * SHEEP | 7,334,000 | 19 |
| 23 | HONEYDEW MELONS | 6,957,000 | 21 |
| 24 | ONION SEED | 6,932,000 | 23 |
| 25 | DATES | 6,908,000 | 20 |
| 26 | LEMONS | 6,347,000 | 24 |
| 27 | BERMUDA GRASS SEED | 5,815,000 | 14 |
| 28 | MISC. FIELD CROPS | 5,080,000 | ** |
| 29 | CABBAGE | 4,936,000 | 34 |
| 30 | CERTIFIED SEED | 3,416,000 | 36 |
| 31 | WATERMELONS | 2,774,000 | 27 |
| 32 | ORANGES | 2,554,000 | 29 |
| 33 | POLLINATION | 2,428,000 | 31 |
| 34 | * MISC. CITRUS, FRUIT & NUT | 2,112,000 | 26 |
| 35 | BALED STRAW | 1,742,000 | 28 |
| 36 | COTTON SEED | 1,621,000 | 37 |
| 37 | GRAPEFRUIT | 1,483,000 | 41 |
| 38 | MISC. VEG. & FLOWER SEED & NURSERY | 1,194,000 | 40 |
| 39 | * WOOL | 1,162,000 | 35 |

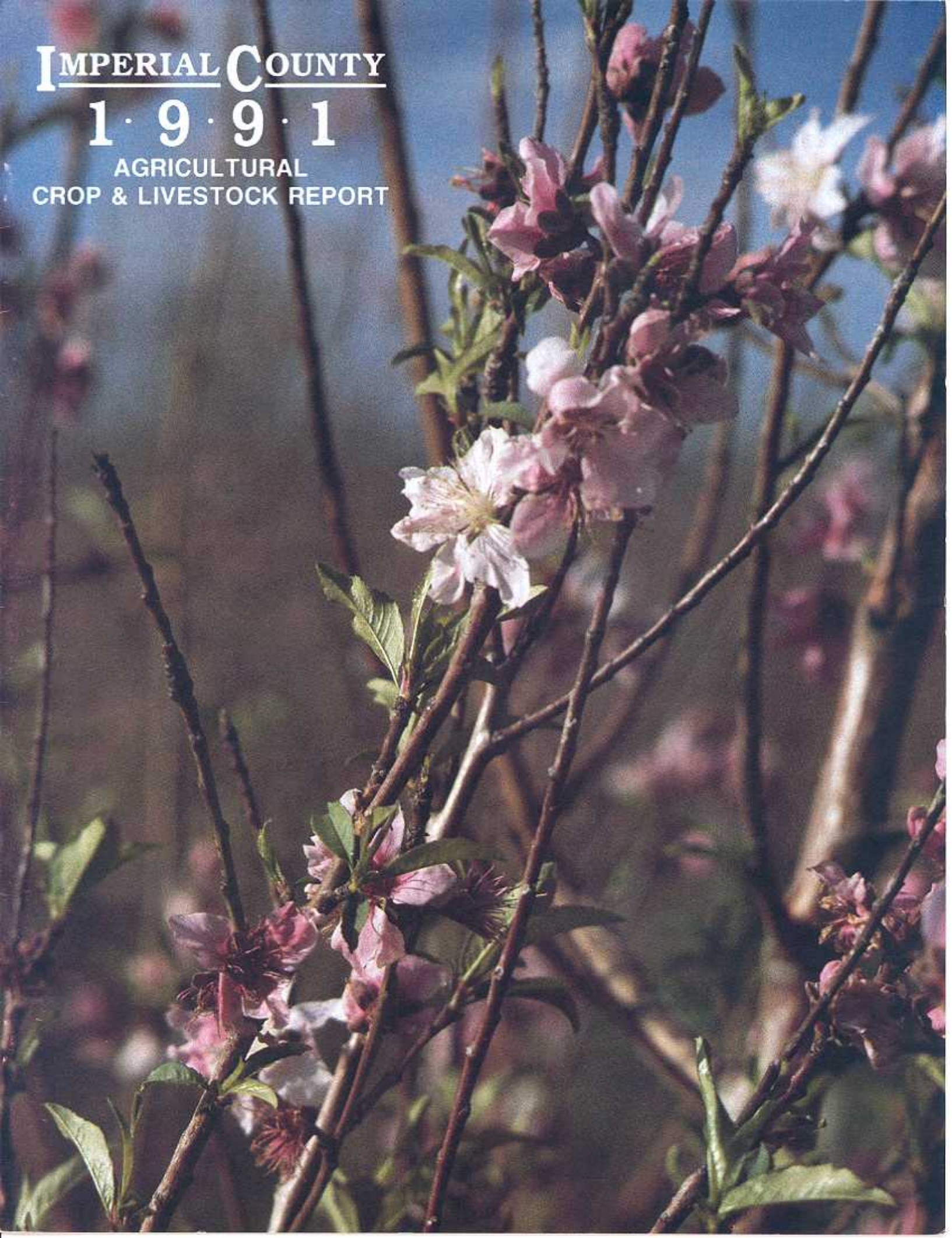
* - 1989 REVISED

** - REPORTED AT LESS THAN ONE MILLION DOLLARS IN 1989

IMPERIAL COUNTY

1 · 9 · 9 · 1

AGRICULTURAL
CROP & LIVESTOCK REPORT



AGRICULTURAL COMMISSIONER/DIRECTOR OF WEIGHTS & MEASURES/AIR QUALITY CONTROL
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COVER: Nectarine Blossoms photographed by Martin D. Fitzurka, Staff Photographer.

This report is published by the Agricultural Commissioner's Office with the assistance of the Imperial Irrigation District.

Special thanks to Phyllis L. Cason who produced this report.

AGRICULTURAL
SEALER OF WEIGHTS



COMMISSIONER
AND MEASURES

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MIGUEL A. MONROY • ASSISTANT COMMISSIONER • DIRECTOR

150 SOUTH NINTH STREET • EL CENTRO, CA 92243-2850
TELEPHONE: (619) 339-4314

May 28, 1992

TO: Henry Voss, Director
Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Imperial
Bill Cole, Chairman
James M. Bucher
Abe F. Seabolt
Sam Sharp
Wayne VanDeGraaff

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1991. This report is a summary of acreage, yields, and gross value of agricultural production in Imperial County. It does not reflect net farm income or costs of production. This report is based on average production and average value of the gross receipts.

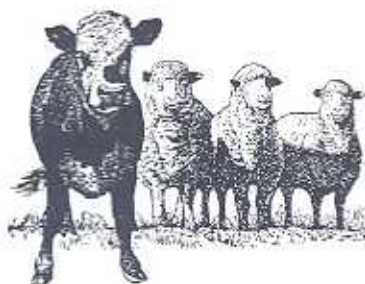
The 1991 total agricultural production value was \$952,729,000. This is a six percent decrease from the 1990 value. The reduction in values were posted principally in the field crop and livestock sectors. The vegetable and melon crop values, however, marked an increase of 15%.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank the staff that produced this report for their dedicated work.

The sustainable agriculture report section of this report as required by AB 2665 was not collected because funds were not made available in the mandating statutes.

Sincerely,

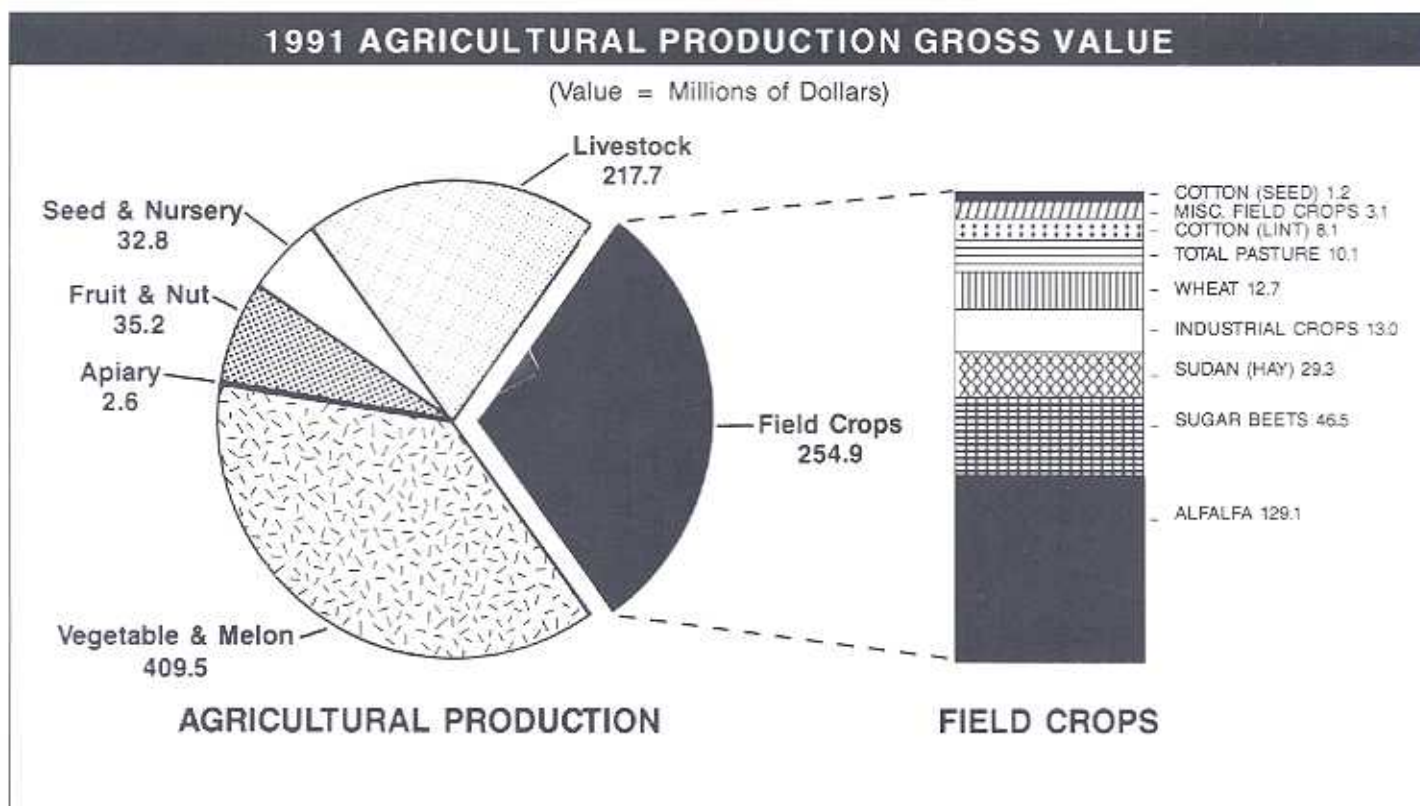
Stephen L. Birdsall
Agricultural Commissioner

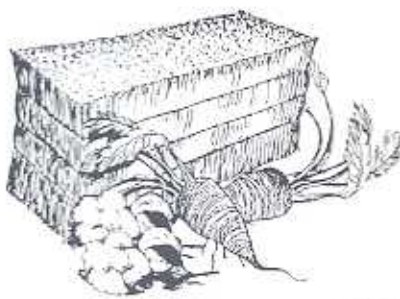


LIVESTOCK

| CROP | YEAR | TOTAL HEAD | UNIT GAIN | TOTAL GAIN | UNIT | VALUE PER UNIT | GROSS VALUE |
|--------------------------------|--------|------------|-----------|--------------|------|-------------------|--------------------|
| CATTLE (Feedlot) | | | | | | | |
| Finished | 1991 | 401,860 | B 6.23 | 2,502,262.35 | CWT | B 72.74 | 182,022,000 |
| | 1990 | 420,137 | B 6.74 | 2,831,723.30 | CWT | B 76.53 | 216,725,000 |
| Backgrounded | A 1991 | 54,799 | B 2.80 | 153,437.20 | CWT | B 75.00 | 11,508,000 |
| | A 1990 | 91,813 | B 2.78 | 255,240.14 | CWT | B 84.00 | 21,440,000 |
| TOTAL CATTLE ... | | | | | | | |
| | 1991 | 456,659 | 5.82 | 2,655,699.55 | CWT | 72.87 | 193,530,000 |
| | 1990 | 511,950 | 6.03 | 3,086,963.44 | CWT | 77.15 | 238,165,000 |
| SHEEP (Feeders) | | | | | | | |
| | 1991 | 270,300 | .56 | 151,368.00 | CWT | 48.10 | 7,281,000 |
| | 1990 | 263,355 | .47 | 123,776.85 | CWT | 59.25 | 7,334,000 |
| WOOL | | | | | | | |
| | 1991 | 278,409 | | 1,252,840.50 | LBS | C .90 | 1,130,000 |
| | 1990 | 271,500 | | 1,086,000.00 | LBS | C 1.07 | 1,162,000 |
| AQUATIC PRODUCTS | | | | | | | |
| (Fish & Algae) ... | 1991 | | | | | | 8,683,000 |
| | 1990 | | | | | | 8,629,000 |
| MISC. LIVESTOCK ... | | | | | | | |
| (Dairy, Dairy Heifers & Swine) | 1991 | | | | | | 7,072,000 |
| | 1990 | | | | | | 8,972,000 |
| | | | | | | VALUE 1991 | 217,696,000 |
| | | | | | | VALUE 1990 | 264,262,000 |

A - Backgrounded = Cattle fed but not ready for market
 B - Based on average gain and price
 C - Includes estimated government payments





FIELD CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|---------------------------------------|-------|---------|----------------|--------------|------|----------------|-------------|
| ALFALFA (Cubed & Greenchop) | 1991 | 14,493 | 8.50 | 123,190.50 | TON | 88.46 | 10,897,000 |
| | 1990 | 23,184 | 9.70 | 224,884.80 | TON | 129.70 | 29,168,000 |
| ALFALFA HAY (Baled) | 1991 | 192,538 | 8.50 | 1,636,573.00 | TON | 72.22 | 118,193,000 |
| | 1990 | 170,017 | 9.70 | 1,649,164.90 | TON | 108.09 | 178,258,000 |
| TOTAL ALFALFA | 1991 | 207,031 | 8.50 | 1,759,763.50 | TON | 73.36 | 129,090,000 |
| | 1990 | 193,201 | 9.70 | 1,874,049.70 | TON | 110.68 | 207,426,000 |
| COTTON (Lint) | 1991 | 12,370 | A 1.81 | 22,389.70 | BALE | B 363.00 | 8,127,000 |
| | 1990 | 15,442 | A 2.05 | 31,656.10 | BALE | B 365.00 | 11,554,000 |
| COTTON (Seed) | 1991 | 12,370 | .75 | 9,330.91 | TON | 132.00 | 1,232,000 |
| | 1990 | 15,442 | .82 | 12,662.44 | TON | 128.00 | 1,621,000 |
| INDUSTRIAL CROPS | 1991 | | | | | | 12,993,000 |
| | 1990 | | | | | | 11,011,000 |
| PASTURE CROPS | | | | | | | |
| Alfalfa | 1991 | 125,598 | # | | ACRE | 46.20 | 5,803,000 |
| | 1990 | 115,920 | # | | ACRE | 46.20 | 5,356,000 |
| Ryegrass | 1991 | 7,698 | C | | ACRE | 245.00 | 1,886,000 |
| | 1990 | 8,876 | C | | ACRE | 175.00 | 1,553,000 |
| Sugar Beet Tops | 1991 | 34,070 | # | | ACRE | 46.20 | 1,574,000 |
| | 1990 | 31,895 | # | | ACRE | 28.00 | 893,000 |
| Misc. Pasture | 1991 | 27,785 | # | | ACRE | 31.27 | 869,000 |
| | 1990 | 21,865 | # | | ACRE | 30.80 | 673,000 |
| TOTAL PASTURE | 1991 | 195,151 | | | ACRE | 52.47 | 10,132,000 |
| | 1990 | 178,556 | | | ACRE | 47.46 | 8,475,000 |
| BALED STRAW (Wheat, Bermuda, Alfalfa) | 1991 | | | 61,813.50 | TON | 29.81 | 1,843,000 |
| | 1990 | | | 50,787.90 | TON | 34.29 | 1,742,000 |
| SUDANGRASS HAY | 1991 | 66,929 | 5.00 | 334,645.00 | TON | 87.50 | 29,281,000 |
| | 1990 | 42,087 | 8.00 | 336,696.00 | TON | 101.83 | 34,286,000 |
| SUGAR BEETS | 1991 | 37,856 | 28.23 | 1,068,485.00 | TON | 43.47 | 46,448,000 |
| | 1990 | 35,439 | 28.60 | 1,013,555.40 | TON | 44.28 | 44,882,000 |
| WHEAT | 1991 | 33,952 | 2.49 | 84,608.38 | TON | 150.00 | 12,691,000 |
| | 1990 | 58,728 | 2.85 | 167,374.80 | TON | 122.00 | 20,420,000 |
| MISC. FIELD CROPS | 1991 | 13,153 | | | TON | 57.16 | 3,058,000 |
| | 1990 | 17,825 | | | TON | 93.57 | 5,080,000 |
| TOTALS 1991 | ACRES | 380,534 | | | | VALUE | 254,895,000 |
| TOTALS 1990 | ACRES | 371,598 | | | | VALUE | 346,497,000 |

INDUSTRIAL CROPS = Agricultural waste for fuel and oil seeds

MISC. FIELD CROPS = Barley, Bermudagrass Hay, Corn, Hemp, Knaf, Oats, Rape, Ryegrass Hay, Sesbania, Sugar Cane and Sorghum Silage

MISC. PASTURE = Bermudagrass, Oats and Sudangrass

= Pastured one time and most acres are counted in other crops

A = 500 lb. Bales

B = Includes government payment

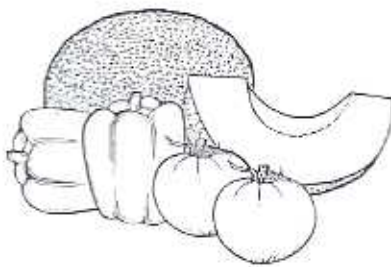
C = Pastured five times



VEGETABLE AND MELON CROPS

| CROP | YEAR | YIELD | | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|--------------------------------|------|--------|----------|-------------|------------|----------------|-------------|
| | | ACRES | PER ACRE | | | | |
| ASPARAGUS | | | | | | | |
| Harvested | 1991 | 5,961 | 102 | 608,430 | 30 LB CTN | 30.62 | 18,630,000 |
| New Seeding | 1991 | 444 | | | | | |
| Harvested | 1990 | 4,516 | 143 | 646,740 | 30 LB CTN | 39.23 | 25,372,000 |
| BROCCOLI (Market) | 1991 | 8,764 | 461 | 4,404,102 | 26 LB CTN | 5.55 | 24,458,000 |
| | 1990 | 10,484 | 445 | 4,666,288 | 26 LB CTN | 4.93 | 23,033,000 |
| CABBAGE (Market) | 1991 | 1,141 | 423 | 482,167 | 50 LB CTN | 3.54 | 1,712,000 |
| | 1990 | 862 | 712 | 614,391 | 50 LB CTN | 8.03 | 4,936,000 |
| CARROTS | | | | | | | |
| Market | 1991 | 9,959 | 726 | 7,230,331 | 50 LB BAG | 7.57 | 52,536,000 |
| | 1990 | 12,682 | 705 | 8,950,944 | 50 LB BAG | 6.14 | 55,000,000 |
| Processing & Feed | 1991 | | 3 | 31,661 | TON | 6.32 | 200,000 |
| | 1990 | | 2 | 25,868 | TON | 6.34 | 164,000 |
| TOTAL CARROTS | 1991 | 9,959 | | | | | 52,736,000 |
| | 1990 | 12,682 | | | | | 55,164,000 |
| CAULIFLOWER (Market) | 1991 | 8,399 | 405 | 3,401,856 | 23 LB CTN | 7.44 | 25,298,000 |
| | 1990 | 8,683 | 456 | 3,962,615 | 23 LB CTN | 5.43 | 21,517,000 |
| HEAD LETTUCE | | | | | | | |
| Naked Pack | 1991 | 20,599 | 363 | 7,467,248 | 50 LB CTN | 4.61 | 34,424,000 |
| | 1990 | 27,327 | 380 | 10,391,193 | 50 LB CTN | * 3.65 | 37,928,000 |
| Wrap Pack | 1991 | 15,539 | 353 | 5,494,650 | 40 LB CTN | 5.76 | 31,649,000 |
| | 1990 | 11,711 | 380 | 4,453,369 | 40 LB CTN | * 3.27 | 14,607,000 |
| Trim & Cored | 1991 | | | 1,127,108 | 35 LB CTN | 5.91 | 6,661,000 |
| | 1990 | | | 229,120 | 35 LB CTN | * 2.77 | 635,000 |
| Salad Products | 1991 | | | 8,668,860 | 20 LB BAG | 4.19 | 36,285,000 |
| | 1990 | | | 2,991,342 | 20 LB BAG | * 2.87 | 8,599,000 |
| TOTAL HEAD LETTUCE | 1991 | 36,138 | | | | | 109,019,000 |
| | 1990 | 39,038 | | | | | 61,769,000 |
| LEAF LETTUCE | 1991 | 3,892 | 695 | 2,704,940 | 35 LB CTN | 5.85 | 15,824,000 |
| | 1990 | 4,241 | 607 | 2,576,353 | 35 LB CTN | 5.65 | 14,557,000 |
| ONIONS | | | | | | | |
| Market | 1991 | 3,680 | 796 | 2,928,763 | 50 LB SACK | 11.74 | 34,384,000 |
| | 1990 | 3,565 | 917 | 3,271,652 | 50 LB SACK | 6.72 | 21,985,000 |
| Processor | 1991 | 7,826 | 19 | 147,559 | TON | 78.48 | 11,580,000 |
| | 1990 | 6,560 | 19 | 125,361 | TON | 73.97 | 9,273,000 |
| TOTAL ONIONS | 1991 | 11,506 | | | | | 45,964,000 |
| | 1990 | 10,125 | | | | | 31,258,000 |

* - Container price based on average price per pound



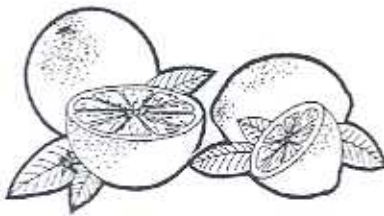
VEGETABLE AND MELON CROPS

(continued)

| CROP | YEAR | YIELD | | | UNIT | VALUE PER UNIT | GROSS VALUE |
|---------------------------------|---------|--------------|----------|-------------|-----------|----------------|-------------|
| | | ACRES | PER ACRE | TOTAL UNITS | | | |
| TOMATOES | | | | | | | |
| Market & Processor . . . | 1991 | 6,753 | 33 | 223,707 | TON | 165.82 | 37,094,000 |
| | 1990 | 11,596 | 31 | 354,053 | TON | 70.24 | 24,870,000 |
| MISC. VEGETABLES . . . | | | | | | | |
| | 1991 | 7,579 | | | | | 20,479,000 |
| | ** 1990 | 5,008 | | | | | 20,053,000 |
| CANTALOUPE | | | | | | | |
| Spring | 1991 | 23,273 | 211 | 4,914,088 | 40 LB CTN | 9.83 | 48,302,000 |
| | 1990 | 24,821 | 198 | 4,921,499 | 40 LB CTN | 9.28 | 45,696,000 |
| Fall | 1991 | 7,408 | 20 | 148,232 | 40 LB CTN | 6.75 | 1,001,000 |
| | 1990 | 10,331 | 227 | 2,349,879 | 40 LB CTN | 6.99 | 16,444,000 |
| TOTAL CANTALOUPE | | | | | | | |
| | 1991 | 30,681 | 165 | 5,062,320 | 40 LB CTN | 9.74 | 49,303,000 |
| | 1990 | 35,152 | 207 | 7,271,378 | 40 LB CTN | 8.54 | 62,140,000 |
| HONEYDEW MELONS | | | | | | | |
| Spring | 1991 | 776 | 257 | 199,556 | 30 LB CTN | 10.79 | 2,153,000 |
| | 1990 | 975 | 181 | 176,999 | 30 LB CTN | 7.08 | 1,253,000 |
| Fall | 1991 | 1,428 | 10 | 13,910 | 30 LB CTN | 6.50 | 90,000 |
| | 1990 | 2,010 | 345 | 693,865 | 30 LB CTN | 8.22 | 5,704,000 |
| TOTAL HONEYDEWS | | | | | | | |
| | 1991 | 2,204 | 96 | 213,466 | 30 LB CTN | 10.51 | 2,243,000 |
| | 1990 | 2,985 | 291 | 870,864 | 30 LB CTN | 7.99 | 6,957,000 |
| MISC. MELONS | | | | | | | |
| Spring | 1991 | 464 | 192 | 88,985 | 30 LB CTN | 11.50 | 1,023,000 |
| | 1990 | 377 | 321 | 121,262 | 30 LB CTN | 3.55 | 431,000 |
| Fall | 1991 | 313 | 0 | 0 | 30 LB CTN | 0 | 0 |
| | 1990 | 443 | 70 | 31,155 | 30 LB CTN | 1.18 | 37,000 |
| TOTAL MISC. MELONS | | | | | | | |
| | 1991 | 777 | 115 | 88,985 | 30 LB CTN | 11.50 | 1,023,000 |
| | 1990 | 820 | 185 | 152,417 | 30 LB CTN | 3.07 | 468,000 |
| WATERMELONS | | | | | | | |
| | 1991 | 2,365 | 11 | 26,523 | TON | 214.40 | 5,687,000 |
| | 1990 | 3,233 | 6 | 18,014 | TON | 153.99 | 2,774,000 |
| TOTALS 1991 | | ACRES | 136,119 | | | VALUE | 409,470,000 |
| ** TOTALS 1990 | | ACRES | 149,425 | | | VALUE | 354,868,000 |

MISC. VEGETABLES = Artichokes, Beans, Beets, Bell Peppers, Celery, Chinese Vegetables, Cilantro, Collards, Corn, Cucumbers, Dill, Eggplant, Fennel, Garlic, Mixed Herbs, Kale, Kohlarbi, Mustard Greens, Parsnips, Potatoes, Radishes, Rapini, Spinach, Squash, Swiss Chard, Turnips and Water Lilies

** - 1990 Revised



FRUIT AND NUT CROPS

| <u>CROP</u> | <u>YEAR</u> | <u>ACRES</u> | <u>UNITS PER ACRE</u> | <u>TOTAL UNITS</u> | <u>UNIT</u> | <u>VALUE PER UNIT</u> | <u>GROSS VALUE</u> |
|--|-------------|--------------|-----------------------|--------------------|-------------|-----------------------|--------------------|
| DATES | | | | | | | |
| Harvested | 1991 | 615 | 3.26 | 2,006.75 | TON | 4,205.79 | 8,440,000 |
| Non-Bearing | 1991 | 188 | | | | | |
| Harvested | 1990 | 517 | 3.36 | 1,736.70 | TON | 3,977.66 | 6,908,000 |
| GRAPEFRUIT | | | | | | | |
| Harvested | 1991 | 635 | 10.46 | 6,640.61 | TON | 335.89 | 2,230,000 |
| Non-Bearing | 1991 | 323 | | | | | |
| Harvested | 1990 | 315 | 9.90 | 3,118.50 | TON | 475.55 | 1,483,000 |
| LEMONS | | | | | | | |
| Harvested | 1991 | 1,715 | 8.57 | 14,695.84 | TON | 851.05 | 12,507,000 |
| Non-Bearing | 1991 | 163 | | | | | |
| Harvested | 1990 | 1,491 | 6.46 | 9,631.86 | TON | 658.96 | 6,347,000 |
| ORANGES (NAVELS & VALENCIA) | | | | | | | |
| Harvested | 1991 | 491 | 19.90 | 9,769.56 | TON | 693.26 | 6,773,000 |
| Non-Bearing | 1991 | 169 | | | | | |
| Harvested | 1990 | 491 | 11.42 | 5,607.22 | TON | 455.48 | 2,554,000 |
| TANGERINES | | | | | | | |
| Harvested | 1991 | 159 | 10.36 | 1,646.86 | TON | 568.01 | 935,000 |
| Non-Bearing | 1991 | 226 | | | | | |
| Harvested | 1990 | 120 | 12.97 | 1,556.46 | TON | 511.42 | 796,000 |
| MISC. CITRUS, FRUIT & NUT CROPS | | | | | | | |
| Harvested | 1991 | 818 | 4.09 | 3,346.38 | TON | 1,052.28 | 3,521,000 |
| Non-Bearing | 1991 | 368 | | | | | |
| Harvested | 1990 | 593 | 3.00 | 1,778.10 | TON | 1,187.78 | 2,112,000 |
| CITRUS BY-PRODUCTS | | | | | | | |
| | 1991 | | | 14,184.78 | TON | 58.76 | 833,000 |
| | 1990 | | | 10,533.76 | TON | 67.87 | 715,000 |
| TOTALS 1991 | | ACRES | 4,433 | | | VALUE | 35,239,000 |
| TOTALS 1990 | | ACRES | 3,527 | | | VALUE | 20,915,000 |

MISC. CITRUS = Limes, Temples and Tangelos
 FRUIT & NUT CROPS = Pecans, Grapes, Peaches, Mangos, Nectarines and Peanuts



SEED CROPS & NURSERY PRODUCTS

| CROP | YEAR | ACRES | UNITS | | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|-------|--------|----------|--------------|------|----------------|-------------|
| | | | PER ACRE | TOTAL UNITS | | | |
| ALFALFA SEED | 1991 | 13,742 | 333.95 | 4,589,140.90 | LBS | 1.19 | 5,461,000 |
| | 1990 | 15,795 | 360.00 | 5,686,200.00 | LBS | 1.50 | 8,529,000 |
| BERMUDAGRASS SEED | 1991 | 13,830 | 482.20 | 6,668,826.00 | LBS | 1.52 | 10,137,000 |
| | 1990 | 11,954 | 398.75 | 4,766,657.00 | LBS | 1.22 | 5,815,000 |
| ONION SEED | 1991 | 2,536 | 463.00 | 1,174,168.00 | LBS | 4.80 | 5,636,000 |
| | 1990 | 3,339 | 451.35 | 1,507,050.00 | LBS | 4.60 | 6,932,000 |
| MISC. FIELD, VEGETABLE & FLOWER SEED & NURSERY | 1991 | 1,539 | | | | | 6,982,000 |
| | 1990 | 3,442 | | | | | 2,176,000 |
| CERTIFIED SEED | 1991 | 8,744 | | | | | 4,617,000 |
| | 1990 | 6,718 | | | | | 3,416,000 |
| TOTALS 1991 | ACRES | 40,391 | | | | VALUE | 32,833,000 |
| TOTALS 1990 | ACRES | 41,248 | | | | VALUE | 26,868,000 |

MISC. FIELD CROP, VEG. & FLOWER SEED = Artichoke, Asparagus, Broccoli, Carrots, Cantaloupe, Cauliflower, Cucumber, Flowers, Honeydew, Leaf Lettuce, Mustard, Okra, Parsley, Ryegrass, Sesame, Squash, Sudangrass, Swiss Chard, Watermelon

CERTIFIED SEED = Alfalfa, Artichoke, Asparagus, Bermudagrass, Rape, Wheat



APIARY PRODUCTS

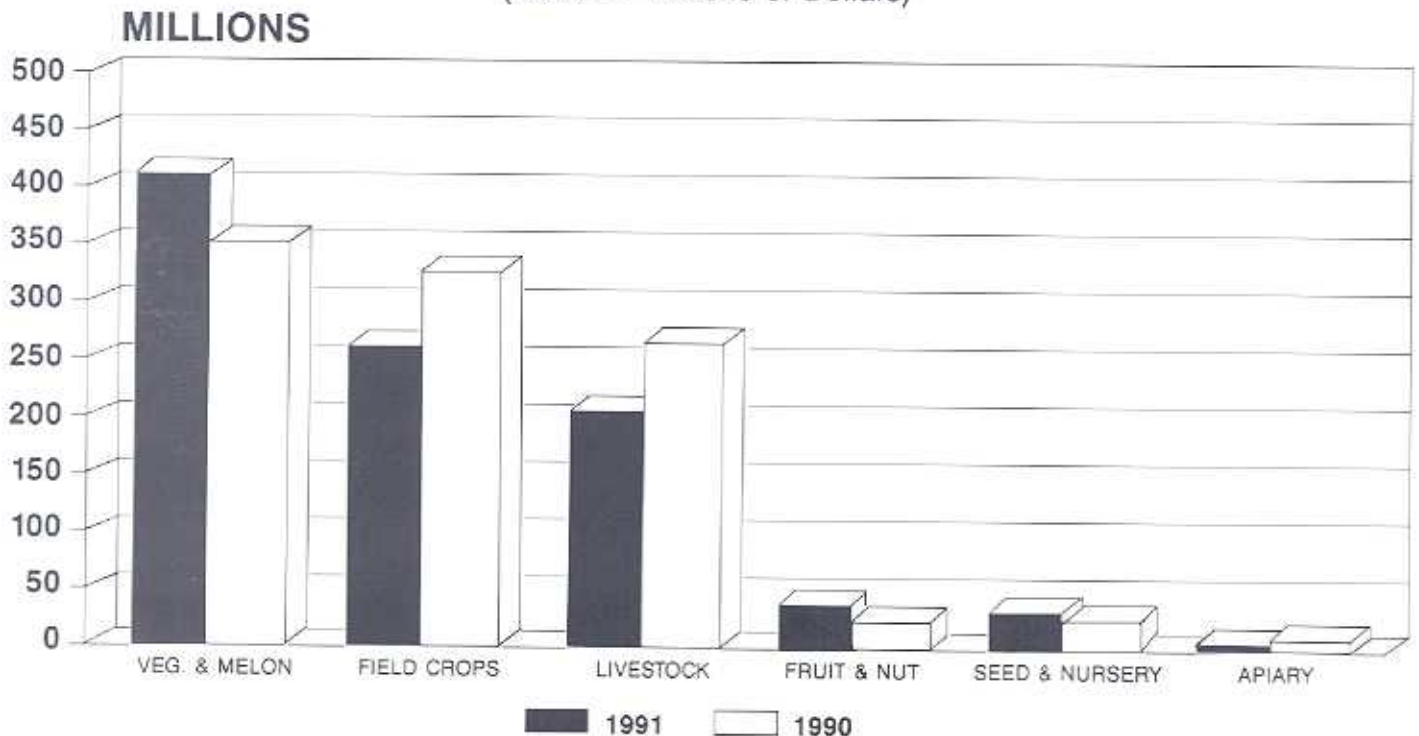
| CROP | YEAR | TOTAL HIVES | YIELD PER HIVE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|-------------------|------|-------------|----------------|--------------|------|----------------|-------------|
| | | | | | | | |
| HONEY | 1991 | 45,065 | 67.58 | 2,655,627.08 | LBS | .52 | 1,378,000 |
| | 1990 | 67,437 | 30.00 | 2,023,136.00 | LBS | .46 | 931,000 |
| WAX | 1991 | 44,525 | 1.31 | 59,711.96 | LBS | 1.17 | 70,000 |
| | 1990 | 67,437 | .50 | 33,718.50 | LBS | 1.25 | 42,000 |
| POLLINATION | 1991 | 62,079 | | | COL | 18.49 | 1,148,000 |
| | 1990 | 134,874 | | | COL | 18.00 | 2,428,000 |
| | | | | | | VALUE 1991 | 2,596,000 |
| | | | | | | VALUE 1990 | 3,401,000 |

SUMMARY

| COMMODITY | YEAR | HARVESTED ACREAGE | VALUE |
|-------------------------------------|------|----------------------|----------------|
| VEGETABLE & MELON CROPS | 1991 | 136,119 | \$ 409,470,000 |
| | 1990 | *149,425 | 354,868,000 |
| FIELD CROPS | 1991 | 380,534 | 254,895,000 |
| | 1990 | 371,598 | 346,497,000 |
| LIVESTOCK | 1991 | | 217,696,000 |
| | 1990 | | 264,262,000 |
| FRUIT & NUT CROPS | 1991 | 4,433 | 35,239,000 |
| | 1990 | 3,527 | 20,915,000 |
| SEED CROPS & NURSERY PRODUCTS | 1991 | 40,391 | 32,833,000 |
| | 1990 | 41,248 | 26,868,000 |
| APIARY PRODUCTS | 1991 | | 2,596,000 |
| | 1990 | | 3,401,000 |
| TOTAL | 1991 | 561,477 | \$ 952,729,000 |
| | 1990 | 565,798 | 1,016,811,000 |

* - 1990 Revised

GROSS VALUE 1991-1990 COMPARISON (Value = Millions of Dollars)



MILLION DOLLAR PRODUCTS

1991 RANKING

1990 RANKING

| | | | |
|----|---------------------------------|---------------|----|
| 1 | CATTLE | \$193,530,000 | 1 |
| 2 | ALFALFA | 129,090,000 | 2 |
| 3 | LETTUCE | 109,019,000 | 4 |
| 4 | CARROTS | 52,736,000 | 5 |
| 5 | CANTALOUPE | 49,303,000 | 3 |
| 6 | SUGAR BEETS | 46,448,000 | 6 |
| 7 | ONIONS | 45,964,000 | 8 |
| 8 | TOMATOES | 37,094,000 | 10 |
| 9 | SUDANGRASS HAY | 29,281,000 | 7 |
| 10 | CAULIFLOWER | 25,298,000 | 12 |
| 11 | BROCCOLI | 24,458,000 | 11 |
| 12 | MISC. VEGETABLES | 20,479,000 | 14 |
| 13 | ASPARAGUS | 18,630,000 | 9 |
| 14 | LEAF LETTUCE | 15,824,000 | 15 |
| 15 | INDUSTRIAL CROPS | 12,993,000 | 17 |
| 16 | WHEAT | 12,691,000 | 13 |
| 17 | LEMONS | 12,507,000 | 26 |
| 18 | BERMUDAGRASS SEED | 10,137,000 | 27 |
| 19 | TOTAL PASTURE | 10,132,000 | 21 |
| 20 | COTTON (LINT) | 8,127,000 | 16 |
| 21 | DATES | 8,440,000 | 25 |
| 22 | AQUATIC PRODUCTS | 8,683,000 | 19 |
| 23 | SHEEP | 7,281,000 | 22 |
| 24 | MISC. LIVESTOCK | 7,072,000 | 18 |
| 25 | MISC. SEED & NURSERY | 6,982,000 | 38 |
| 26 | ORANGES | 6,773,000 | 32 |
| 27 | WATERMELONS | 5,687,000 | 31 |
| 28 | ONION SEED | 5,636,000 | 24 |
| 29 | ALFALFA SEED | 5,461,000 | 20 |
| 30 | CERTIFIED SEED | 4,617,000 | 30 |
| 31 | MISC. CITRUS, FRUIT & NUT | 3,521,000 | 34 |
| 32 | MISC. FIELD CROPS | 3,058,000 | 28 |
| 33 | HONEYDEW MELONS | 2,243,000 | 23 |
| 34 | GRAPEFRUIT | 2,230,000 | 37 |
| 35 | BALED STRAW | 1,843,000 | 35 |
| 36 | CABBAGE | 1,712,000 | 29 |
| 37 | HONEY | 1,378,000 | ** |
| 38 | COTTON SEED | 1,232,000 | 36 |
| 39 | POLLINATION | 1,148,000 | 33 |
| 40 | WOOL | 1,130,000 | 39 |
| 41 | MISC. MELONS | 1,023,000 | ** |

** REPORTED AT LESS THAN ONE MILLION DOLLARS IN 1990

**IMPERIAL COUNTY
AGRICULTURAL
CROP & LIVESTOCK
REPORT**



1992

AGRICULTURAL
SEALER OF WEIGHTS



COMMISSIONER
AND MEASURES

STEPHEN L. BIRDSALL • COMMISSIONER • DIRECTOR
MIGUEL A. MONROY • ASSISTANT COMMISSIONER • DIRECTOR

150 SOUTH NINTH STREET • EL CENTRO, CA 92243-2850
TELEPHONE: (619) 339-4314

June 10, 1993

TO: Henry Voss, Director
Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Imperial
Wayne Van De Graaff, Chairman
Bill Cole
Brad Luckey
Sam Sharp
Dean A. Shores

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1992. This report is a summary of acreage, yields, and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The 1992 total agricultural production value was \$855,070,000. This is a 10.25 percent decrease from the 1991 value. The reduction in values were posted principally in the field crop and vegetable crop sectors. The current whitefly infestation is a significant factor in the diminishing values. Livestock showed a strong increase in value of 19.1%. As a measure of how agriculture production impacts the County, for every thousand dollars of total gross value produced, \$200 dollars of personal income is generated to agricultural related jobs.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank the staff that produced this report for their dedicated work.

Sincerely,

Stephen L. Birdsall
Agricultural Commissioner

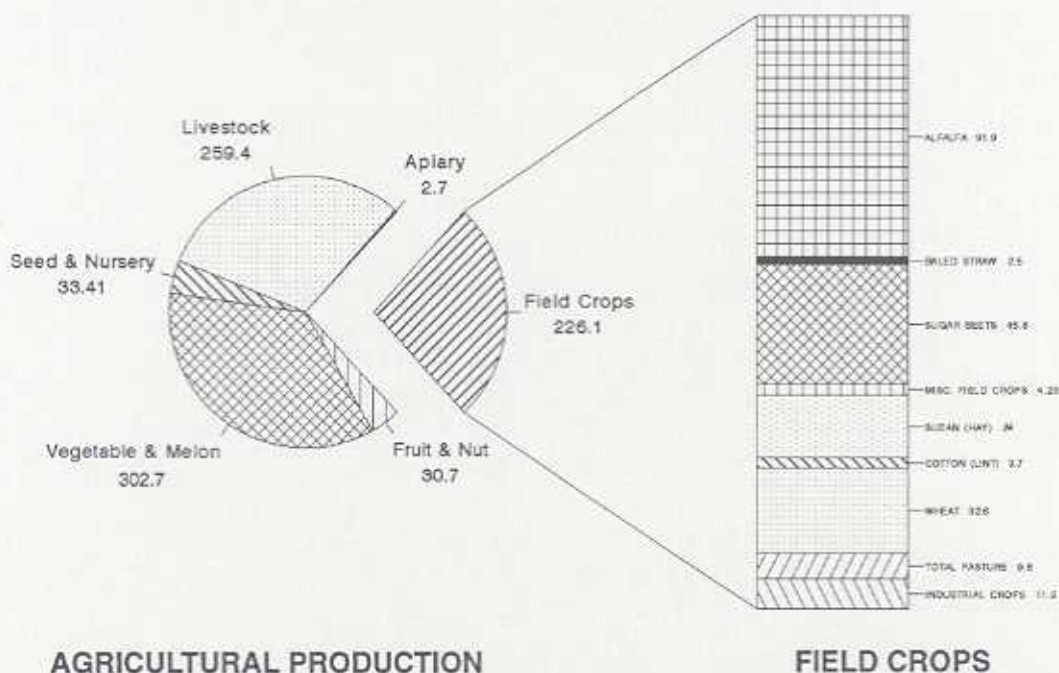
LIVESTOCK

| CROP | YEAR | TOTAL HEAD | UNIT GAIN | TOTAL GAIN | UNIT | VALUE PER UNIT | GROSS VALUE | |
|---------------------------|--------------------------------|------------|-----------|--------------|--------------|----------------|-------------------|-------------|
| CATTLE (Feedlot) | 1992 | 429,062 | B 7.20 | 3,089,246.40 | CWT | B 72.54 | 224,109,000 | |
| | Finished | 1991 | 401,860 | B 6.23 | 2,502,262.35 | CWT | B 72.74 | 182,022,000 |
| Backgrounded | A1992 | 42,149 | B 2.45 | 103,265.05 | CWT | B 74.80 | 7,724,000 | |
| | A1991 | 54,799 | B 2.80 | 153,437.20 | CWT | B 75.00 | 11,508,000 | |
| TOTAL CATTLE | 1992 | 471,211 | 6.78 | 3,192,511.45 | CWT | 72.62 | 231,833,000 | |
| | 1991 | 456,659 | 5.82 | 2,655,699.55 | CWT | 72.87 | 193,530,000 | |
| SHEEP (Feeders) | 1992 | 277,750 | .58 | 161,095.00 | CWT | 64.46 | 10,384,000 | |
| | 1991 | 270,300 | .56 | 151,368.00 | CWT | 48.10 | 7,281,000 | |
| WOOL | 1992 | 286,082 | | 1,632,444.00 | LBS | C 1.10 | 1,138,000 | |
| | 1991 | 278,409 | | 1,252,840.50 | LBS | C .90 | 1,130,000 | |
| AQUATIC PRODUCTS | 1992 | | | | | | 7,472,000 | |
| | (Fish & Algae) | 1991 | | | | | 8,683,000 | |
| MISC. LIVESTOCK | 1992 | | | | | | 8,598,000 | |
| | (Dairy, Dairy Heifers & Swine) | 1991 | | | | | 7,072,000 | |
| | | | | | | | VALUE 1992 | 259,425,000 |
| | | | | | | | VALUE 1991 | 217,696,000 |

- A — Backgrounded = Cattle fed but not finished for market
 B — Based on average gain and price
 C — Includes estimated government payments

1992 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)



FIELD CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|--------------------------------------|-------|---------|----------------|-------|--------------|------|----------------|-------------|
| ALFALFA (Cubed & Dehydrated)..... | 1992 | 14,269 | | 7.90 | 112,725.10 | TON | 75.18 | 8,475,000 |
| | 1991 | 14,493 | | 8.50 | 123,190.50 | TON | 88.46 | 10,897,000 |
| ALFALFA HAY (Baled)..... | 1992 | 175,993 | | 7.90 | 1,390,344.70 | TON | 60.00 | 83,421,000 |
| | 1991 | 192,538 | | 8.50 | 1,636,573.00 | TON | 72.22 | 118,193,000 |
| TOTAL ALFALFA | 1992 | 190,262 | | 7.90 | 1,503,069.80 | TON | 61.14 | 91,896,000 |
| | 1991 | 207,031 | | 8.50 | 1,759,763.50 | TON | 73.36 | 129,090,000 |
| COTTON (Lint)..... | 1992 | 6,349 | A | 2.10 | 13,332.90 | BALE | B 275.00 | 3,667,000 |
| | 1991 | 12,370 | A | 1.81 | 22,389.70 | BALE | B 363.00 | 8,127,000 |
| COTTON (Seed)..... | 1992 | 6,349 | | .74 | 4,666.50 | TON | 130.00 | 607,000 |
| | 1991 | 12,370 | | .75 | 9,330.91 | TON | 132.00 | 1,232,000 |
| INDUSTRIAL CROPS | 1992 | | | | | | | 11,303,000 |
| | 1991 | | | | | | | 12,993,000 |
| PASTURE CROPS | 1992 | 115,298 | | # | | ACRE | 46.20 | 5,327,000 |
| Alfalfa | 1991 | 125,598 | | # | | ACRE | 46.20 | 5,803,000 |
| Ryegrass | 1992 | 9,591 | | C | | ACRE | 245.02 | 2,350,000 |
| | 1991 | 7,698 | | C | | ACRE | 245.00 | 1,886,000 |
| Sugar Beet Tops..... | 1992 | 29,480 | | # | | ACRE | 46.20 | 1,362,000 |
| | 1991 | 34,070 | | # | | ACRE | 46.20 | 1,574,000 |
| Misc. Pasture | 1992 | 24,632 | | # | | ACRE | 31.26 | 770,000 |
| | 1991 | 27,785 | | # | | ACRE | 31.28 | 869,000 |
| TOTAL PASTURE..... | 1992 | 179,001 | | | | ACRE | 54.80 | 9,809,000 |
| | 1991 | 195,151 | | | | ACRE | 52.47 | 10,132,000 |
| BALED STRAW | 1992 | | | | 80,436.75 | TON | 30.63 | 2,464,000 |
| (Wheat, Bermuda, Alfalfa)..... | 1991 | | | | 61,813.50 | TON | 29.81 | 1,843,000 |
| SUDANGRASS HAY | 1992 | 53,552 | | 6.50 | 348,088.00 | TON | 69.00 | 24,018,000 |
| | 1991 | 66,929 | | 5.00 | 334,645.00 | TON | 87.50 | 29,281,000 |
| SUGAR BEETS | 1992 | 39,307 | | 30.08 | 1,182,188.00 | TON | 38.54 | 45,558,000 |
| | 1991 | 37,856 | | 28.23 | 1,068,485.00 | TON | 43.47 | 46,448,000 |
| WHEAT | 1992 | 73,526 | | 2.88 | 211,754.00 | TON | 154.00 | 32,610,000 |
| | 1991 | 33,952 | | 2.49 | 84,608.38 | TON | 150.00 | 12,691,000 |
| MISC. FIELD CROPS..... | 1992 | 18,389 | | | | TON | 229.01 | 4,211,000 |
| | 1991 | 13,153 | | | | TON | 57.16 | 3,058,000 |
| TOTALS 1992 | ACRES | 415,608 | | | | | VALUE | 226,143,000 |
| TOTALS 1991 | ACRES | 380,534 | | | | | VALUE | 254,895,000 |

INDUSTRIAL CROPS = Agricultural waste for fuel and oil seeds

MISC. FIELD CROPS = Barley, Bermudagrass Hay, Ryegrass Hay, Corn, Oats, Sorghum Grain, Sorghum Silage

= Pastured one time and acres are counted in other crop listings

A = 500 lb. Bales

B = Includes Government Payment

C = Pastured five times

VEGETABLE AND MELON CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|----------------------------------|------|--------|----------------|-------------|------------|----------------|-------------|
| ASPARAGUS | | | | | | | |
| Harvested | 1992 | 5,216 | 124 | 645,309 | 30 LB CTN | 31.10 | 20,072,000 |
| New Seeding..... | 1992 | 240 | | | | | |
| Harvested..... | 1991 | 5,961 | 102 | 608,430 | 30 LB CTN | 30.62 | 18,630,000 |
| BROCCOLI (Market) | | | | | | | |
| | 1992 | 9,070 | 386 | 3,497,672 | 26 LB CTN | 4.91 | 17,168,000 |
| | 1991 | 8,764 | 461 | 4,404,102 | 26 LB CTN | 5.55 | 24,458,000 |
| CABBAGE (Market) | | | | | | | |
| | 1992 | 1,217 | 560 | 682,006 | 50 LB CTN | 4.88 | 3,327,000 |
| | 1991 | 1,141 | 423 | 482,167 | 50 LB CTN | 3.54 | 1,712,000 |
| CARROTS | | | | | | | |
| (Market)..... | 1992 | 15,233 | 815 | 12,414,895 | 50 LB BAG | 5.75 | 71,386,000 |
| | 1991 | 9,959 | 726 | 7,230,331 | 50 LB BAG | 7.57 | 52,536,000 |
| Processing & Feed..... | 1992 | | 3 | 45,699 | TON | 6.39 | 292,000 |
| | 1991 | | 3 | 31,661 | TON | 6.32 | 200,000 |
| TOTAL CARROTS | 1992 | 15,233 | | | | | 71,678,000 |
| | 1991 | 9,959 | | | | | 52,736,000 |
| CAULIFLOWER (Market)..... | | | | | | | |
| | 1992 | 7,253 | 380 | 2,755,473 | 23 LB CTN | 5.89 | 16,216,000 |
| | 1991 | 8,399 | 405 | 3,401,856 | 23 LB CTN | 7.44 | 25,298,000 |
| SWEET CORN | | | | | | | |
| FALL & SPRING | 1992 | 3,974 | 399 | 1,586,626 | 50 LB CTN | 5.26 | 8,333,000 |
| | 1991 | 3,149 | 328 | 1,032,872 | 50 LB CTN | 7.60 | 7,854,000 |
| HEAD LETTUCE | | | | | | | |
| Naked Pack..... | 1992 | 15,680 | 417 | 6,541,318 | 50 LB CTN | 3.91 | 25,577,000 |
| | 1991 | 20,599 | 363 | 7,467,248 | 50 LB CTN | 4.61 | 34,424,000 |
| Wrap Pack..... | 1992 | 10,454 | 460 | 4,813,423 | 40 LB CTN | 5.06 | 24,356,000 |
| | 1991 | 15,539 | 353 | 5,494,650 | 40 LB CTN | 5.76 | 31,649,000 |
| Salad Products..... | 1992 | | | | | | 12,686,000 |
| Trim & Cored | 1991 | | | | | | 42,946,000 |
| TOTAL HEAD LETTUCE.... | 1992 | 26,134 | | | | | 62,619,000 |
| | 1991 | 36,138 | | | | | 109,019,000 |
| LEAF LETTUCE | | | | | | | |
| | 1992 | 5,864 | 671 | 3,934,744 | 35 LB CTN | 3.47 | 13,654,000 |
| | 1991 | 3,892 | 695 | 2,704,940 | 35 LB CTN | 5.85 | 15,824,000 |
| ONIONS | | | | | | | |
| Market | 1992 | 4,112 | 756 | 3,109,594 | 50 LB SACK | 5.01 | 15,579,000 |
| | 1991 | 3,680 | 796 | 2,928,763 | 50 LB SACK | 11.74 | 34,384,000 |
| Processor..... | 1992 | 5,998 | 18 | 106,764 | TON | 77.40 | 8,264,000 |
| | 1991 | 7,826 | 19 | 147,559 | TON | 78.48 | 11,580,000 |
| TOTAL ONIONS | 1992 | 10,110 | | | | | 23,843,000 |
| | 1991 | 11,506 | | | | | 45,964,000 |

VEGETABLE AND MELON CROPS

(continued)

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|---------------------------------|--------------|---------|----------------|-------------|-----------|----------------|-------------|
| TOMATOES | | | | | | | |
| Market | 1992 | 1,606 | 711 | 1,141,866 | 25 LB CTN | 3.89 | 4,442,000 |
| | 1991 | 1,042 | 1,605 | 1,672,410 | 25 LB CTN | 15.63 | 26,140,000 |
| Processor | 1992 | 1,877 | 36 | 66,878 | TON | 53.21 | 3,559,000 |
| | 1991 | 5,490 | 37 | 202,801 | TON | 54.00 | 10,954,000 |
| MISC. VEGETABLES | 1992 | 5,577 | | | TON | | 17,490,000 |
| | 1991 | 4,430 | | | TON | | 12,625,000 |
| CANTALOUPE | | | | | | | |
| Spring | 1992 | 12,677 | 497 | 6,295,590 | 40 LB CTN | 5.01 | 31,541,000 |
| | 1991 | 23,273 | 211 | 4,914,088 | 40 LB CTN | 9.83 | 48,302,000 |
| Fall | 1992 | 0 | 0 | 0 | 40 LB CTN | | |
| | 1991 | 7,408 | 20 | 148,232 | 40 LB CTN | 6.75 | 1,001,000 |
| TOTAL CANTALOUPE | 1992 | 12,677 | 497 | 6,295,590 | 40 LB CTN | 5.01 | 31,541,000 |
| | 1991 | 30,681 | 165 | 5,062,320 | 40 LB CTN | 9.74 | 49,303,000 |
| HONEYDEW MELONS | | | | | | | |
| Spring | 1992 | 297 | 466 | 138,411 | 30 LB CTN | 6.04 | 836,000 |
| | 1991 | 776 | 257 | 199,556 | 30 LB CTN | 10.79 | 2,153,000 |
| Fall | 1992 | 0 | 0 | 0 | 30 LB CTN | .00 | 0 |
| | 1991 | 1,428 | 10 | 13,910 | 30 LB CTN | 6.50 | 90,000 |
| TOTAL HONEYDEWS | 1992 | 297 | 466 | 138,411 | 30 LB CTN | | 836,000 |
| | 1991 | 2,204 | 96 | 213,466 | 30 LB CTN | 10.51 | 2,243,000 |
| MISC. MELONS | | | | | | | |
| Spring | 1992 | 233 | 382 | 89,006 | 30 LB CTN | 5.89 | 524,000 |
| | 1991 | 464 | 192 | 88,985 | 30 LB CTN | 11.50 | 1,023,000 |
| Fall | 1992 | 0 | 0 | 0 | 30 LB CTN | .00 | 0 |
| | 1991 | 313 | 0 | 0 | 30 LB CTN | .00 | 0 |
| TOTAL MISC. MELONS | 1992 | 233 | 382 | 89,006 | 30 LB CTN | 5.89 | 524,000 |
| | 1991 | 777 | 115 | 88,985 | 30 LB CTN | 11.50 | 1,023,000 |
| WATERMELONS | | | | | | | |
| ..... | 1992 | 2,525 | 22 | 54,742 | TON | 135.00 | 7,390,000 |
| | 1991 | 2,365 | 11 | 26,523 | TON | 214.42 | 5,687,000 |
| TOTALS 1992 | ACRES | 108,863 | | | | VALUE | 302,692,000 |
| TOTALS 1991 | ACRES | 136,119 | | | | VALUE | 409,470,000 |

MISC. VEGETABLES = Artichokes, Beans, Beets, Bell Peppers, Celery, Chinese Vegetables, Cilantro, Collards, Cucumbers, Eggplant, Fennel, Garlic, Kale, Kohlrabbi, Mustard Greens, Parsnips, Potatoes, Radishes, Rapini, Spinach, Squash, Swiss Chard, Turnips, Fall Cantaloupes, Waterlilies

FRUIT AND NUT CROPS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|--------------|--------------|----------------------|-------------|------|----------------------|-------------------|
| DATES | | | | | | | |
| Harvested | 1992 | 607 | 4.66 | 2,828.62 | TON | 2,140.27 | 6,054,000 |
| Non-Bearing | 1992 | 63 | | | | | |
| Harvested | 1991 | 615 | 3.26 | 2,006.75 | TON | 4,205.79 | 8,440,000 |
| GRAPEFRUIT | | | | | | | |
| Harvested | 1992 | 718 | 14.20 | 10,194.49 | TON | 401.59 | 4,094,000 |
| Non-Bearing | 1992 | 253 | | | | | |
| Harvested | 1991 | 635 | 10.46 | 6,640.61 | TON | 335.89 | 2,230,000 |
| LEMONS | | | | | | | |
| Harvested | 1992 | 1,700 | 9.79 | 16,634.50 | TON | 863.69 | 14,367,000 |
| Non-Bearing | 1992 | 117 | | | | | |
| Harvested | 1991 | 1,715 | 8.57 | 14,695.84 | TON | 851.05 | 12,507,000 |
| ORANGES (NAVELS & VALENCIA) | | | | | | | |
| Harvested | 1992 | 608 | 8.29 | 5,039.10 | TON | 441.75 | 2,226,000 |
| Non-Bearing | 1992 | 112 | | | | | |
| Harvested | 1991 | 491 | 19.90 | 9,769.56 | TON | 693.26 | 6,773,000 |
| TANGERINES | | | | | | | |
| Harvested | 1992 | 106 | 8.48 | 898.35 | TON | 756.94 | 680,000 |
| Non-Bearing | 1992 | 416 | | | | | |
| Harvested | 1991 | 159 | 10.36 | 1,646.86 | TON | 568.01 | 935,000 |
| MISC. CITRUS, FRUIT & NUT CROPS | | | | | | | |
| Harvested | 1992 | 567 | 6.14 | 3,478.72 | TON | 785.63 | 2,733,000 |
| Non-Bearing | 1992 | 150 | | | | | |
| Harvested | 1991 | 818 | 4.09 | 3,346.38 | TON | 1,052.28 | 3,521,000 |
| CITRUS BY-PRODUCTS | | | | | | | |
| | 1992 | | | 18,328.00 | TON | 32.25 | 591,000 |
| | 1991 | | | 14,184.78 | TON | 58.76 | 833,000 |
| TOTALS 1992 | | | | | | VALUE | 30,745,000 |
| TOTALS 1991 | | | | | | VALUE | 35,239,000 |
| | ACRES | 4,306 | | | | | |
| | ACRES | 4,433 | | | | | |

MISC. CITRUS = Limes, Temples and Tangelos

FRUIT AND NUT CROPS = Pecans, Grapes, Peaches, Mangos and Guavas

SEED CROPS AND NURSERY PRODUCTS

| CROP | YEAR | ACRES | UNITS PER GAIN | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|---|--------------|---------------|----------------|--------------|------|----------------|-------------------|
| ALFALFA SEED..... | 1992 | 7,099 | 350.00 | 2,484,650.00 | LBS | .80 | 1,988,000 |
| | 1991 | 13,742 | 333.95 | 4,589,140.90 | LBS | 1.19 | 5,461,000 |
| BERMUDAGRASS SEED..... | 1992 | 17,400 | 510.00 | 8,874,000.00 | LBS | 2.13 | 18,902,000 |
| | 1991 | 13,830 | 482.20 | 6,668,826.00 | LBS | 1.52 | 10,137,000 |
| ONION SEED..... | 1992 | 2,928 | 374.95 | 1,097,850.00 | LBS | 4.96 | 5,446,000 |
| | 1991 | 2,536 | 463.00 | 1,174,168.00 | LBS | 4.80 | 5,636,000 |
| MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY..... | 1992 | 895 | | | | | 4,060,000 |
| | 1991 | 1,539 | | | | | 6,982,000 |
| CERTIFIED SEED..... | 1992 | 8,062 | | | | | 2,996,000 |
| | 1991 | 8,744 | | | | | 4,617,000 |
| TOTALS 1992..... | ACRES | 36,384 | | | | VALUE | 33,392,000 |
| TOTALS 1991..... | ACRES | 40,391 | | | | VALUE | 32,833,000 |

MISC. FIELD CROP, VEGETABLE AND FLOWER SEED = Artichoke, Asparagus, Broccoli, Carrots, Cantaloupe, Cauliflower, Cucumber, Flowers, Honeydew, Leaf Lettuce, Mustard, Okra, Parsley, Ryegrass, Sesame, Squash, Sudangrass, Swiss Chard, Watermelon

CERTIFIED SEED = Alfalfa, Artichoke, Asparagus, Bermudagrass, Rape, Wheat

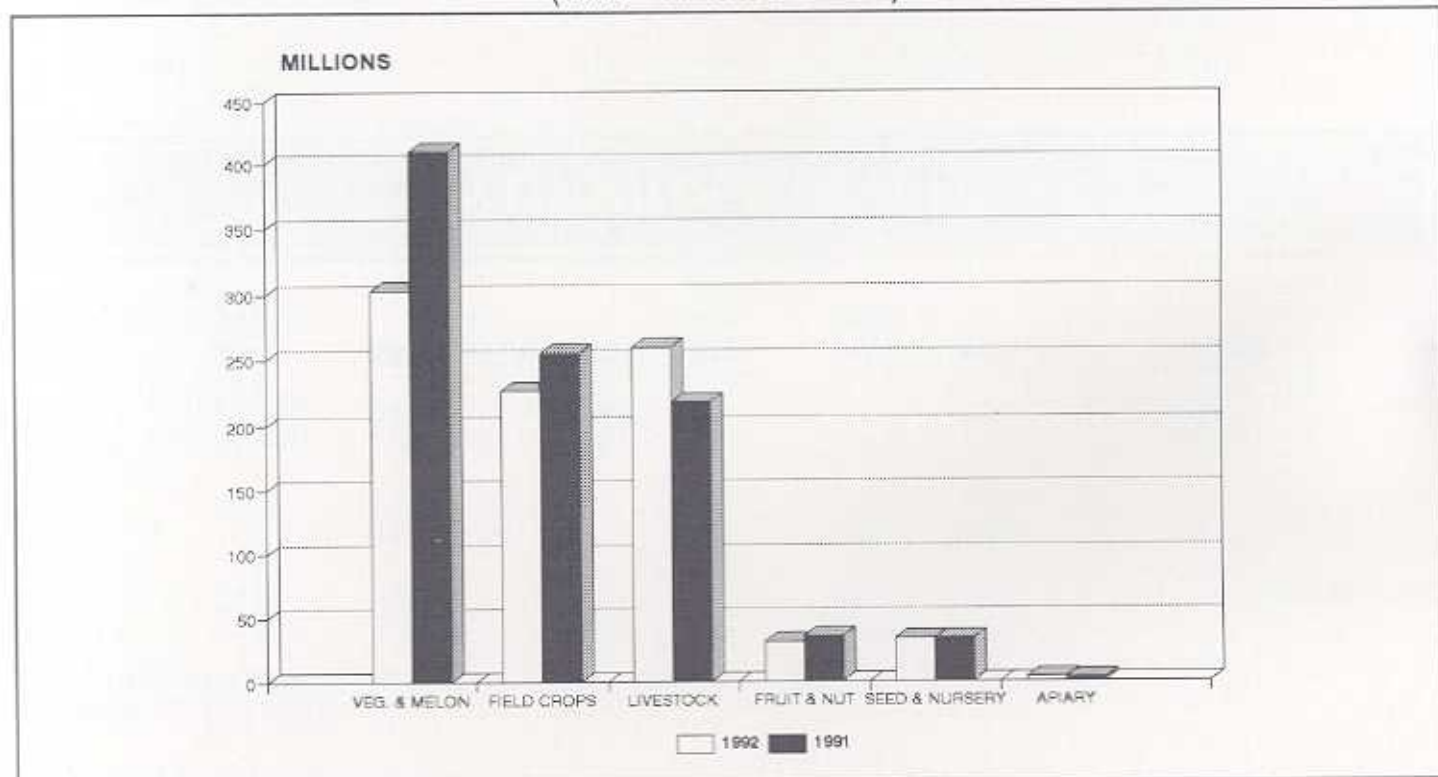
APIARY PRODUCTS

| CROP | YEAR | TOTAL HIVES | YIELD PER HIVE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|------------------|------|-------------|----------------|--------------|------|-------------------|------------------|
| HONEY..... | 1992 | 44,311 | 61.00 | 2,702,971.00 | LBS | .54 | 1,460,000 |
| | 1991 | 45,065 | 67.58 | 2,655,627.08 | LBS | .52 | 1,378,000 |
| WAX..... | 1992 | 42,354 | 1.20 | 50,861.00 | LBS | 1.26 | 64,000 |
| | 1991 | 44,525 | 1.31 | 59,711.96 | LBS | 1.17 | 70,000 |
| POLLINATION..... | 1992 | 63,840 | | | COL | 18.00 | 1,149,000 |
| | 1991 | 62,079 | | | COL | 18.49 | 1,148,000 |
| | | | | | | VALUE 1992 | 2,673,000 |
| | | | | | | VALUE 1991 | 2,596,000 |

1992 SUMMARY

| COMMODITY | YEAR | HARVESTED ACREAGE | VALUE |
|-------------------------------|------|-------------------|---------------|
| VEGETABLE & MELON CROPS | 1992 | 108,863 | \$302,692,000 |
| | 1991 | 136,119 | 409,470,000 |
| FIELD CROPS | 1992 | 415,608 | 226,143,000 |
| | 1991 | 380,534 | 254,895,000 |
| LIVESTOCK..... | 1992 | | 259,425,000 |
| | 1991 | | 217,696,000 |
| FRUIT & NUT CROPS..... | 1992 | 4,306 | 30,745,000 |
| | 1991 | 4,433 | 35,239,000 |
| SEED & NURSERY CROPS..... | 1992 | 36,384 | 33,392,000 |
| | 1991 | 40,391 | 32,833,000 |
| APIARY PRODUCTS..... | 1992 | | 2,673,000 |
| | 1991 | | 2,596,000 |
| TOTAL..... | 1992 | 565,161 | \$855,070,000 |
| | 1991 | 561,477 | 952,729,000 |

GROSS VALUE 1992-1991 COMPARISON (Value = Millions of Dollars)



MILLION DOLLAR PRODUCTS

**1992
RANKING**

**1991
RANKING**

| 1992 RANKING | PRODUCT | VALUE | 1991 RANKING |
|--------------|-----------------------------------|---------------|--------------|
| 1 | CATTLE | \$231,833,000 | 1 |
| 2 | ALFALFA | 91,896,000 | 2 |
| 3 | CARROTS | 71,678,000 | 4 |
| 4 | LETTUCE | 62,619,000 | 3 |
| 5 | SUGAR BEETS | 45,558,000 | 6 |
| 6 | WHEAT | 32,610,000 | 16 |
| 7 | CANTALOUPE | 31,541,000 | 5 |
| 8 | SUDANGRASS HAY | 24,018,000 | 9 |
| 9 | ONIONS | 23,843,000 | 7 |
| 10 | ASPARAGUS | 20,072,000 | 13 |
| 11 | BERMUDAGRASS SEED | 18,902,000 | 18 |
| 12 | MISC. VEGETABLES | 17,490,000 | 12 |
| 13 | BROCCOLI | 17,168,000 | 11 |
| 14 | CAULIFLOWER | 16,216,000 | 10 |
| 15 | LEMONS | 14,367,000 | 17 |
| 16 | LEAF LETTUCE | 13,654,000 | 14 |
| 17 | INDUSTRIAL CROPS | 11,303,000 | 15 |
| 18 | SHEEP | 10,384,000 | 23 |
| 19 | TOTAL PASTURE | 9,809,000 | 19 |
| 20 | MISC. LIVESTOCK | 8,598,000 | 24 |
| 21 | SWEET CORN | 8,333,000 | * |
| 22 | AQUATIC PRODUCTS | 7,472,000 | 22 |
| 23 | WATERMELONS | 7,390,000 | 27 |
| 24 | DATES | 6,045,000 | 21 |
| 25 | ONION SEED | 5,446,000 | 28 |
| 26 | TOMATOES - MARKET | 4,442,000 | # |
| 27 | MISC. FIELD CROPS | 4,211,000 | 32 |
| 28 | GRAPEFRUIT | 4,094,000 | 34 |
| 29 | MISC. SEED & NURSERY | 4,060,000 | 25 |
| 30 | COTTON | 3,667,000 | 20 |
| 31 | TOMATOES - PROCESSOR | 3,559,000 | # |
| 32 | CABBAGE | 3,327,000 | 36 |
| 33 | CERTIFIED SEED | 2,996,000 | 30 |
| 34 | MISC. CITRUS, FRUITS & NUTS | 2,733,000 | 31 |
| 35 | BALED STRAW | 2,464,000 | 35 |
| 36 | ORANGES | 2,226,000 | 26 |
| 37 | ALFALFA SEED | 1,988,000 | 29 |
| 38 | HONEY | 1,460,000 | 37 |
| 39 | POLLINATION | 1,149,000 | 39 |
| 40 | WOOL | 1,138,000 | 40 |

NEW FOR 1992 *

COMBINED TOTAL IN 1992 #

IMPERIAL COUNTY
1993 AGRICULTURAL
CROP & LIVESTOCK
REPORT



Agricultural Commissioner / Director of Weights And Measures / Air Quality Control

Stephen L. Birdsall

Assistant Agricultural Commissioner / Director of Weights & Measures / Air Quality Control

Miguel A. Monroy

Deputy Agricultural Commissioner

Dick S. Dillon, Standardization, Pest Exclusion, Seed Law
Martin D. Fitzurka, Weights and Measures
Clifford A. Gruenberg, Pesticide Use Enforcement
Connie L. Valenzuela, Detection and Eradication

Deputy Air Quality Control Officer

Jeannette Bryant, Compliance, Rules
Gaspar Torres, Permitting, Monitoring

Whitefly Program Coordinator

David Ritter

Plant Pathologist / Entomologist

Richard C. Weddle, PhD.

Lead Agricultural Biologist

Jim Donnelly Linda Evans Doug Gertenbach Roger Jacobs Louis Poloni

Agricultural Biologist III

Victor Carrera Phyllis L. Cason Robert Garcia Charlotte Murray
Robert Powell Carlos Ortiz Michael Seitz

Agricultural Biologist II

Jolene Carson Bhupinder-Dhillon Frank Duarte Jim Johnson
Licia Mecate Ramon Ortega Allan Starr

Air Quality Control Engineer

Harry Dillon Robert Fischer Reyes Romero

Air Quality Control Technician

Don McElvany Brad Poiriez

Air Quality Control Inspector

Christopher Lillegard

Office Supervisor

Marlene Brown

Office Technician

Silvia Murray

Account Clerk III

Monica Bugarin-Soucier

Office Assistant III

Paula Goff Roxana Korinetz

Office Assistant II

Matilda Barros Teresa Cartwright
Karen Scott Liz Urias

Seasonal Agricultural Biologists

| | | | |
|-------------------|------------------|-----------------|------------------|
| Shawn Akin | James Carey | Bobby Lee | Lamar Parker |
| Paul Andaverde | Phillip Castro | Danny Levy | Anthony Pavao |
| Jose Barajas | Gail Culver | Joe Lorance | Luis Pineda |
| William Beasley | Sandi Diaz | Jonhenry Luke | Tommy Spradling |
| Robert Beeman | Francisco Garcia | Joseph McKim | Suzanne Thetford |
| Jonnie Jean Bolin | Tony Green | Rosalio Mendoza | Ramona Vargas |
| Darrell Byrd | Charles Holmes | Matthew Mills | Jose Zuniga |
| Treda Cadrez | Howard Jencks | | |

AGRICULTURAL
SEALER OF WEIGHTS



COMMISSIONER
AND MEASURES

STEPHEN L. BIRDSALL • COMMISSIONER • DIRECTOR
MIGUEL A. MONROY • ASSISTANT COMMISSIONER • DIRECTOR

150 SOUTH NINTH STREET • EL CENTRO, CA 92243-2850
TELEPHONE: (619) 339-4314

May 26, 1994

TO: Henry Voss, Director
Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Imperial
Sam Sharp, Chairman
Bill Cole
Brad Luckey
Dean A. Shores
Wayne VanDeGraaff

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1993. This report is a summary of acreage, yields, and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The total agricultural production value in 1993 was \$1,020,513,000. This is a 19.35 percent increase from the 1992 value. The increases in values were posted in the vegetable crop (41%), field crop (18%) and livestock (1%) sectors. This increase was a direct result of higher pricing coupled with increased yields. The whitefly infestation is a significant factor in the reduction of acreage in the vegetable (13%) and field (2%) crops. The fall melon crop has nearly been eliminated. As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, 212 dollars of personal income is generated to agriculturally related jobs.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank the staff that produced this report for their dedicated work.

Sincerely,

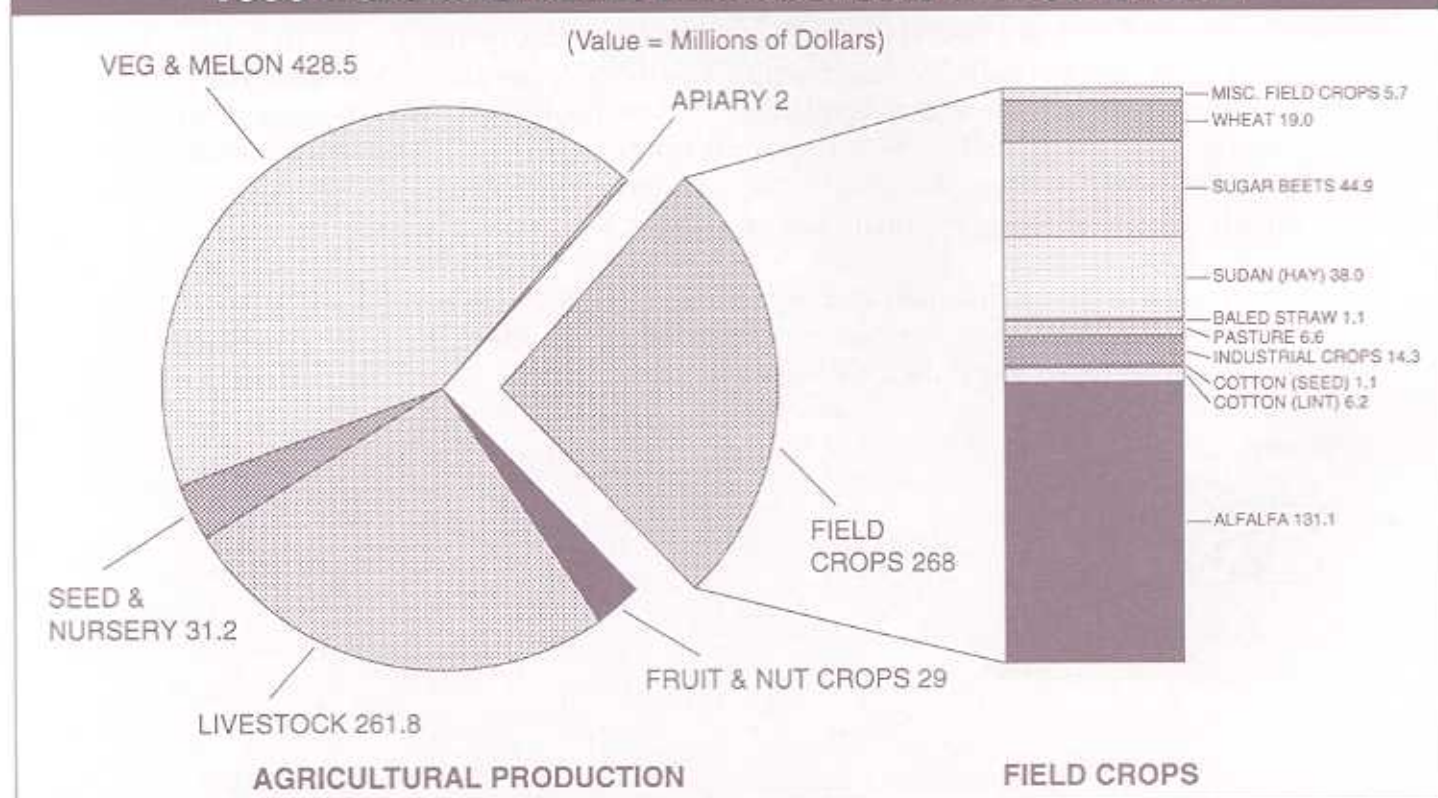
Stephen L. Birdsall
Agricultural Commissioner

LIVESTOCK

| CROP | YEAR | TOTAL HEAD | UNIT GAIN | TOTAL GAIN | UNIT | VALUE PER UNIT | GROSS VALUE |
|---------------------------|---|------------|-----------|--------------|--------------|----------------|-------------|
| CATTLE (Feedlot) | 1993 | 288,307 | B 7.86 | 2,267,332.08 | CWT | B 72.53 | 164,447,000 |
| | Finished | 1992 | 429,062 | B 7.20 | 3,089,246.40 | CWT | B 72.54 | 224,109,000 |
| Backgrounded | A1993 | 89,525 | B 8.46 | 757,381.50 | CWT | B 84.50 | 63,999,000 |
| | A1992 | 42,149 | B 2.45 | 103,265.05 | CWT | B 74.80 | 7,724,000 |
| TOTAL CATTLE | 1993 | 377,832 | 8.01 | 3,024,713.58 | CWT | 75.53 | 228,446,000 |
| | 1992 | 471,211 | 6.78 | 3,192,511.45 | CWT | 72.62 | 231,833,000 |
| SHEEP (Feeders) | 1993 | 297,735 | 0.44 | 131,003.40 | CWT | 73.93 | 9,685,000 |
| | 1992 | 277,750 | 0.58 | 161,095.00 | CWT | 64.46 | 10,384,000 |
| WOOL | 1993 | 306,667 | | 1,564,001.70 | LBS | C 1.00 | 1,563,000 |
| | 1992 | 286,082 | | 1,632,444.00 | LBS | C 1.10 | 1,138,000 |
| AQUATIC PRODUCTS | 1993 | | | | | | 7,678,000 |
| | (Fish & Algae) | 1992 | | | | | 7,472,000 |
| MISC. LIVESTOCK | 1993 | | | | | | 14,437,000 |
| | (Dairy, Dairy Heifers, Swine, Goats, Rabbits, Cavies & Poultry) | 1992 | | | | | 8,598,000 |
| VALUE 1993 | | | | | | | 261,809,000 |
| VALUE 1992 | | | | | | | 259,425,000 |

A — Backgrounded = Cattle fed but not finished for market
 B — Based on average gain and price
 C — Includes estimated government payments

1993 AGRICULTURAL PRODUCTION GROSS VALUE



FIELD CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|---------------------------------------|--------------|---------|----------------|--------------|------|----------------|-------------|
| ALFALFA (Cubed & Greenchopped).... | 1993 | 10,567 | 8.00 | 84,537.12 | TON | 82.45 | 6,970,000 |
| | 1992 | 14,269 | 7.90 | 112,725.10 | TON | 75.18 | 8,475,000 |
| ALFALFA HAY (Baled)..... | 1993 | 165,552 | 8.15 | 1,349,248.80 | TON | 92.00 | 124,131,000 |
| | 1992 | 175,993 | 7.90 | 1,390,344.70 | TON | 60.00 | 83,421,000 |
| TOTAL ALFALFA | 1993 | 176,119 | 8.14 | 1,433,785.92 | TON | 91.44 | 131,101,000 |
| | 1992 | 190,262 | 7.90 | 1,503,069.80 | TON | 61.14 | 91,896,000 |
| COTTON (Lint)..... | 1993 | 8,919 | A 2.67 | 23,813.73 | BALE | B 260.00 | 6,192,000 |
| | 1992 | 6,349 | A 2.10 | 13,332.90 | BALE | B 275.00 | 3,667,000 |
| COTTON (Seed)..... | 1993 | 8,919 | .93 | 8,334.81 | TON | 130.00 | 1,084,000 |
| | 1992 | 6,349 | .74 | 4,666.52 | TON | 130.00 | 607,000 |
| INDUSTRIAL CROPS | 1993 | | | | | | 14,265,000 |
| | 1992 | | | | | | 11,303,000 |
| PASTURE CROPS | 1993 | 105,898 | # | | ACRE | 35.70 | 3,781,000 |
| Alfalfa | 1992 | 115,298 | # | | ACRE | 46.20 | 5,327,000 |
| Ryegrass | 1993 | 6,227 | C | | ACRE | 175.00 | 1,090,000 |
| | 1992 | 9,591 | C | | ACRE | 245.02 | 2,350,000 |
| Sugar Beet Tops | 1993 | 19,247 | # | | ACRE | 35.00 | 674,000 |
| | 1992 | 29,480 | # | | ACRE | 46.20 | 1,362,000 |
| Misc. Pasture..... | 1993 | 27,077 | # | | ACRE | 37.74 | 1,022,000 |
| | 1992 | 24,632 | # | | ACRE | 31.26 | 770,000 |
| TOTAL PASTURE | 1993 | 158,449 | | | | | 6,567,000 |
| | 1992 | 179,001 | | | | | 9,809,000 |
| BALED STRAW | 1993 | | | 46,283.73 | TON | 23.49 | 1,087,000 |
| | 1992 | | | 80,436.75 | TON | 30.63 | 2,464,000 |
| SUDANGRASS HAY | 1993 | 59,822 | 7.63 | 456,441.86 | TON | 83.33 | 38,037,000 |
| | 1992 | 53,552 | 6.50 | 348,088.00 | TON | 69.00 | 24,018,000 |
| SUGAR BEETS | 1993 | 38,494 | 30.18 | 1,161,733.00 | TON | 38.66 | 44,913,000 |
| | 1992 | 39,307 | 30.08 | 1,182,188.00 | TON | 38.54 | 45,558,000 |
| WHEAT | 1993 | 54,598 | 2.78 | 151,782.44 | TON | 125.33 | 19,023,000 |
| | 1992 | 73,526 | 2.88 | 211,754.88 | TON | 154.00 | 32,610,000 |
| MISC. FIELD CROPS | 1993 | 19,597 | | | TON | 87.46 | 5,742,000 |
| | 1992 | 18,389 | | | TON | 229.01 | 4,211,000 |
| TOTALS 1993 | ACRES | 404,223 | | | | VALUE | 268,011,000 |
| TOTALS 1992 | ACRES | 415,608 | | | | VALUE | 226,143,000 |

INDUSTRIAL CROPS = Agricultural waste for fuel and oil seeds

MISC. FIELD CROPS = Barley, Bermudagrass Hay, Ryegrass Hay, Corn, Oats, Sorghum Grain, Sorghum Silage

= Pastured one time and acres are counted in other crop listings

A = 500 lb. Bales

B = Includes Government Payment

C = Pastured five times

VEGETABLE AND MELON CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|------|--------|----------------|-------------|------------|----------------|-------------|
| ASPARAGUS | | | | | | | |
| Harvested | 1993 | 6,184 | 141 | 870,276 | 30 LB CTN | 29.72 | 25,865,000 |
| New Seeding | 1993 | 25 | | | | | |
| Harvested | 1992 | 5,216 | 124 | 645,309 | 30 LB CTN | 31.10 | 20,072,000 |
| BROCCOLI (Market) | | | | | | | |
| ..... | 1993 | 5,389 | 492 | 2,652,084 | 26 LB CTN | 7.39 | 19,599,000 |
| ..... | 1992 | 9,070 | 386 | 3,497,672 | 26 LB CTN | 4.91 | 17,168,000 |
| CABBAGE (Market) | | | | | | | |
| ..... | 1993 | 895 | 622 | 556,718 | 50 LB CTN | 5.30 | 2,951,000 |
| ..... | 1992 | 1,217 | 560 | 682,006 | 50 LB CTN | 4.88 | 3,327,000 |
| CARROTS | | | | | | | |
| Market | 1993 | 14,811 | 956 | 14,156,354 | 50 LB BAG | 6.76 | 95,668,000 |
| ..... | 1992 | 15,233 | 815 | 12,414,895 | 50 LB BAG | 5.75 | 71,386,000 |
| Processing & Feed | 1993 | | 2.71 | 40,110 | TON | 5.86 | 235,000 |
| ..... | 1992 | | 3.00 | 45,699 | TON | 6.39 | 292,000 |
| TOTAL CARROTS | 1993 | 14,811 | | | | | 95,903,000 |
| ..... | 1992 | 15,233 | | | | | 71,678,000 |
| CAULIFLOWER (Market) | | | | | | | |
| ..... | 1993 | 4,167 | 468 | 1,948,793 | 23 LB CTN | 8.39 | 16,350,000 |
| ..... | 1992 | 7,253 | 380 | 2,755,473 | 23 LB CTN | 5.89 | 16,216,000 |
| HEAD LETTUCE | | | | | | | |
| Naked Pack | 1993 | 13,954 | 494 | 6,891,702 | 50 LB CTN | 7.24 | 49,896,000 |
| ..... | 1992 | 15,680 | 417 | 6,541,318 | 50 LB CTN | 3.91 | 25,577,000 |
| Wrap Pack | 1993 | 7,514 | 510 | 3,828,724 | 40 LB CTN | 8.54 | 32,697,000 |
| ..... | 1992 | 10,454 | 460 | 4,813,423 | 40 LB CTN | 5.06 | 24,356,000 |
| Salad Products and Trim & Cored | 1993 | | | | | | 11,839,000 |
| ..... | 1992 | | | | | | 12,686,000 |
| TOTAL HEAD LETTUCE | 1993 | 21,468 | | | | | 94,432,000 |
| ..... | 1992 | 26,134 | | | | | 62,619,000 |
| LEAF LETTUCE | | | | | | | |
| ..... | 1993 | 3,882 | 733 | 2,845,506 | 35 LB CTN | 9.22 | 26,236,000 |
| ..... | 1992 | 5,864 | 671 | 3,934,744 | 35 LB CTN | 3.47 | 13,654,000 |
| ONIONS | | | | | | | |
| Market | 1993 | 3,576 | 753 | 2,691,651 | 50 LB SACK | 8.29 | 22,314,000 |
| ..... | 1992 | 4,112 | 756 | 3,109,594 | 50 LB SACK | 5.01 | 15,579,000 |
| Processor | 1993 | 7,106 | 17.00 | 118,779 | TON | 76.97 | 9,143,000 |
| ..... | 1992 | 5,998 | 17.80 | 106,764 | TON | 77.40 | 8,264,000 |
| TOTAL ONIONS | 1993 | 10,682 | | | | | 31,457,000 |
| ..... | 1992 | 10,110 | | | | | 23,843,000 |

VEGETABLE AND MELON CROPS

(continued)

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|------------------------------------|-------|--------------|----------------|-------------|-----------|----------------|-------------|
| SWEET CORN FALL & SPRING | 1993 | 3,218 | 303 | 974,024 | 50 LB CTN | 6.60 | 6,429,000 |
| | 1992 | 3,974 | 399 | 1,585,626 | 50 LB CTN | 5.26 | 8,333,000 |
| TOMATOES | | | | | | | |
| Market | 1993 | 958 | 1,136 | 1,088,173 | 25 LB CTN | 11.67 | 12,704,000 |
| | 1992 | 1,606 | 711 | 1,141,866 | 25 LB CTN | 3.89 | 4,442,000 |
| Processor | 1993 | 2,500 | 35.13 | 87,830 | TON | 57.50 | 5,050,000 |
| | 1992 | 1,877 | 36.00 | 66,878 | TON | 53.21 | 3,559,000 |
| TOTAL TOMATOES | 1993 | 3,458 | | | | | 17,754,000 |
| | 1992 | 3,483 | | | | | 8,001,000 |
| MISC. VEGETABLES | | | | | | | |
| | 1993 | 4,356 | | | | | 16,798,000 |
| | 1992 | 5,577 | | | | | 17,490,000 |
| CANTALOUPE | | | | | | | |
| Spring | 1993 | 13,160 | 631 | 8,297,430 | 40 LB CTN | 6.83 | 56,671,000 |
| | 1992 | 12,677 | 497 | 6,295,590 | 40 LB CTN | 5.01 | 31,541,000 |
| Fall | 1993 | 695 | 343 | 238,382 | 40 LB CTN | 10.23 | 2,439,000 |
| | *1992 | 0 | 0 | 0 | 40 LB CTN | 0.00 | 0 |
| TOTAL CANTALOUPE | 1993 | 13,855 | 616 | 8,535,812 | 40 LB CTN | 6.92 | 59,110,000 |
| | 1992 | 12,677 | 497 | 6,295,590 | 40 LB CTN | 5.01 | 31,541,000 |
| HONEYDEW & MISC. MELONS | | | | | | | |
| Spring and Fall | 1993 | 1,040 | 751 | 781,201 | 40 LB CTN | 6.64 | 5,190,000 |
| | 1992 | 530 | 429 | 227,417 | 40 LB CTN | 5.98 | 1,360,000 |
| WATERMELONS | | | | | | | |
| | 1993 | 2,596 | 22 | 58,197 | TON | 180.00 | 10,475,000 |
| | 1992 | 2,525 | 22 | 54,742 | TON | 135.00 | 7,390,000 |
| TOTALS 1993 | | ACRES | 96,001 | | | VALUE | 428,549,000 |
| TOTALS 1992 | | ACRES | 108,863 | | | VALUE | 302,692,000 |

MISC VEGETABLES = Artichokes, Beans, Beets, Bell Peppers, Celery, Chinese Vegetables, Cilantro, Collards, Eggplant, Endive, Garlic, Herbs, Kale, Mustard Greens, Okra, Parsley, Parsnips, Potatoes, Radishes, Rapini, Rutabagas, Spinach, Squash, Swiss Chard, Turnips and Water Lilies

*1992 Fall Cantaloupes are listed in Miscellaneous Vegetables

FRUIT AND NUT CROPS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|--------------|-------|----------------|-------------|------|----------------|-------------|
| DATES | | | | | | | |
| Harvested | 1993 | 718 | 4.40 | 3,159.20 | TON | 3,915.55 | 12,370,000 |
| Non-Bearing | 1993 | 227 | | | | | |
| Harvested | 1992 | 607 | 4.66 | 2,828.62 | TON | 2,140.27 | 6,054,000 |
| GRAPEFRUIT | | | | | | | |
| Harvested | 1993 | 718 | 13.22 | 9,489.09 | TON | 275.37 | 2,613,000 |
| Non-Bearing | 1993 | 253 | | | | | |
| Harvested | 1992 | 718 | 14.20 | 10,194.49 | TON | 401.59 | 4,094,000 |
| LEMONS | | | | | | | |
| Harvested | 1993 | 1,756 | 7.49 | 13,152.44 | TON | 569.48 | 7,490,000 |
| Non-Bearing | 1993 | 297 | | | | | |
| Harvested | 1992 | 1,700 | 9.79 | 16,634.50 | TON | 863.69 | 14,367,000 |
| ORANGES (NAVELS & VALENCIA) | | | | | | | |
| Harvested | 1993 | 608 | 7.89 | 4,794.48 | TON | 382.73 | 1,835,000 |
| Non-Bearing | 1993 | 112 | | | | | |
| Harvested | 1992 | 608 | 8.29 | 5,039.10 | TON | 441.75 | 2,226,000 |
| TANGERINES | | | | | | | |
| Harvested | 1993 | 106 | 10.99 | 1,164.94 | TON | 517.62 | 603,000 |
| Non-Bearing | 1993 | 576 | | | | | |
| Harvested | 1992 | 106 | 8.48 | 898.35 | TON | 756.94 | 680,000 |
| MISC. CITRUS, FRUIT & NUT CROPS | | | | | | | |
| Harvested | 1993 | 601 | 6.12 | 3,675.12 | TON | 859.84 | 3,160,000 |
| Non-Bearing | 1993 | 132 | | | | | |
| Harvested | 1992 | 567 | 6.14 | 3,478.72 | TON | 785.63 | 2,733,000 |
| CITRUS BY-PRODUCTS | | | | | | | |
| | 1993 | | | 17,304.55 | TON | 51.03 | 883,000 |
| | 1992 | | | 18,328.00 | TON | 32.25 | 591,000 |
| TOTALS 1993 | ACRES | 4,507 | | | | VALUE | 28,954,000 |
| TOTALS 1992 | ACRES | 4,306 | | | | VALUE | 30,745,000 |

MISC. CITRUS = Limes, Temples and Tangelos
 FRUIT AND NUT CROPS = Pecans, Grapes, Peaches, Mangos and Guavas

SEED CROPS AND NURSERY PRODUCTS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|--------------|---------------|----------------|-------------|------|----------------|-------------------|
| ALFALFA SEED | 1993 | 5,582 | 353 | 1,970,446 | LBS | 1.14 | 2,256,000 |
| | 1992 | 7,099 | 350 | 2,484,650 | LBS | 0.80 | 1,988,000 |
| BERMUDAGRASS SEED | 1993 | 15,558 | 365 | 5,678,670 | LBS | 1.73 | 9,796,000 |
| | 1992 | 17,400 | 510 | 8,874,000 | LBS | 2.13 | 18,902,000 |
| ONION SEED | 1993 | 2,925 | 252 | 737,100 | LBS | 8.52 | 6,280,000 |
| | 1992 | 2,928 | 375 | 1,097,850 | LBS | 4.96 | 5,446,000 |
| MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY | 1993 | 833 | | | | | 6,165,000 |
| | 1992 | 895 | | | | | 4,060,000 |
| CERTIFIED SEED | 1993 | 12,258 | | | | | 6,686,000 |
| | 1992 | 8,062 | | | | | 2,996,000 |
| TOTALS 1993 | ACRES | 37,156 | | | | VALUE | 31,183,000 |
| TOTALS 1992 | ACRES | 36,384 | | | | VALUE | 33,392,000 |

MISC. FIELD, VEGETABLE AND FLOWER SEED CROPS = Artichoke, Asparagus, Beet, Broccoli, Carrots, Celery, Cauliflower, Flax, Flowers, Herbs, Kale, Mustard, Okra, Parsley, Radish, Rhubarb, Ryegrass, Sesbania, Squash, Sudangrass, Swiss Chard

CERTIFIED SEED = Alfalfa, Artichoke, Asparagus, Bermudagrass, Flax, Oats, Rape, Sudangrass, Wheat

APIARY PRODUCTS

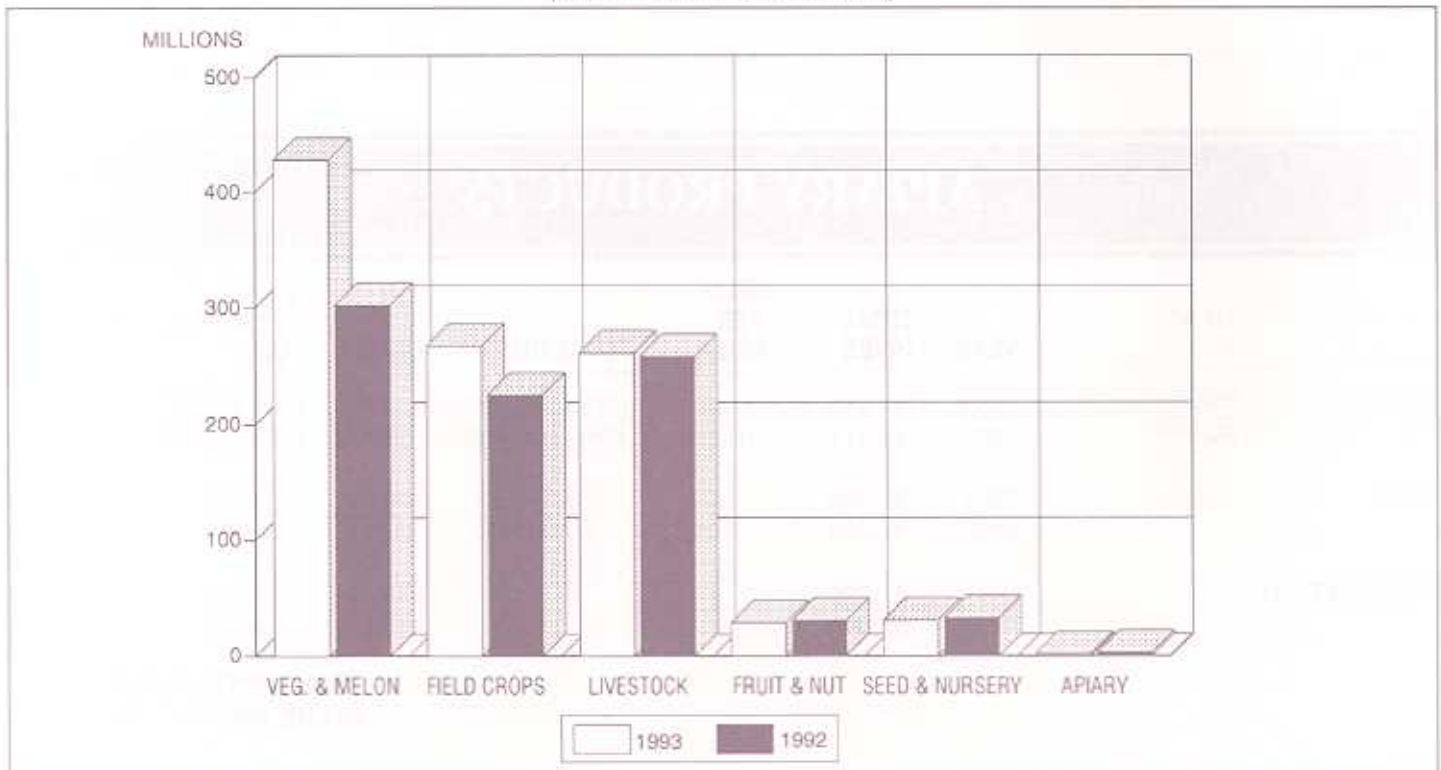
| | YEAR | TOTAL HIVES | YIELD PER HIVE | TOTAL UNITS | UNIT | VALUE PER UNIT | GROSS VALUE |
|-------------------|------|-------------|----------------|--------------|------|-------------------|------------------|
| HONEY | 1993 | 36,429 | 59.83 | 2,179,494.00 | LBS | 0.53 | 1,153,000 |
| | 1992 | 44,311 | 61.00 | 2,702,971.00 | LBS | 0.54 | 1,460,000 |
| WAX | 1993 | 36,189 | 1.07 | 38,590.39 | LBS | 1.35 | 52,000 |
| | 1992 | 42,354 | 1.20 | 50,861.00 | LBS | 1.26 | 64,000 |
| POLLINATION | 1993 | 44,225 | | | COL | 18.13 | 802,000 |
| | 1992 | 63,840 | | | COL | 18.00 | 1,149,000 |
| | | | | | | VALUE 1993 | 2,007,000 |
| | | | | | | VALUE 1992 | 2,673,000 |

1993 SUMMARY

| COMMODITY | YEAR | HARVESTED ACREAGE | VALUE |
|-------------------------------|------|-------------------|---------------|
| VEGETABLE & MELON CROPS | 1993 | 96,001 | 428,549,000 |
| | 1992 | 108,863 | 302,692,000 |
| FIELD CROPS | 1993 | 404,223 | 268,011,000 |
| | 1992 | 415,608 | 226,143,000 |
| LIVESTOCK | 1993 | | 261,809,000 |
| | 1992 | | 259,425,000 |
| FRUIT & NUT CROPS | 1993 | 4,507 | 28,954,000 |
| | 1992 | 4,306 | 30,745,000 |
| SEED & NURSERY CROPS | 1993 | 37,156 | 31,183,000 |
| | 1992 | 36,384 | 33,392,000 |
| APIARY PRODUCTS | 1993 | | 2,007,000 |
| | 1992 | | 2,673,000 |
| TOTALS | 1993 | 541,887 | 1,020,513,000 |
| | 1992 | 565,161 | 855,070,000 |

GROSS VALUE 1993-1992 COMPARISON

(Value = Millions of Dollars)



MILLION DOLLAR PRODUCTS

**1993
RANKING**

**1992
RANKING**

| 1993 RANKING | | | 1992 RANKING |
|-----------------|-----------------------------------|---------------|-----------------|
| 1 | CATTLE | \$228,446,000 | 1 |
| 2 | ALFALFA | 131,101,000 | 2 |
| 3 | CARROTS | 95,903,000 | 3 |
| 4 | LETTUCE | 94,432,000 | 4 |
| 5 | CANTALOUPE | 59,110,000 | 7 |
| 6 | SUGAR BEETS | 44,913,000 | 5 |
| 7 | SUDANGRASS HAY | 38,037,000 | 8 |
| 8 | ONIONS | 31,457,000 | 9 |
| 9 | LEAF LETTUCE | 26,236,000 | 16 |
| 10 | ASPARAGUS | 25,865,000 | 10 |
| 11 | BROCCOLI | 19,599,000 | 13 |
| 12 | WHEAT | 19,023,000 | 6 |
| 13 | MISC. VEGETABLES | 16,798,000 | 12 |
| 14 | CAULIFLOWER | 16,350,000 | 14 |
| 15 | MISC. LIVESTOCK | 14,437,000 | 20 |
| 16 | INDUSTRIAL CROPS | 14,265,000 | 17 |
| 17 | TOMATOES - MARKET | 12,704,000 | 26 |
| 18 | DATES | 12,370,000 | 24 |
| 19 | WATERMELONS | 10,475,000 | 23 |
| 20 | BERMUDAGRASS SEED | 9,796,000 | 11 |
| 21 | SHEEP | 9,685,000 | 18 |
| 22 | AQUATIC PRODUCTS | 7,678,000 | 22 |
| 23 | LEMONS | 7,490,000 | 15 |
| 24 | CERTIFIED SEED | 6,686,000 | 33 |
| 25 | TOTAL PASTURE | 6,567,000 | 19 |
| 26 | SWEET CORN | 6,429,000 | 21 |
| 27 | ONION SEED | 6,280,000 | 25 |
| 28 | COTTON LINT | 6,192,000 | 30 |
| 29 | MISC. SEED & NURSERY | 6,165,000 | 29 |
| 30 | MISC. FIELD CROPS | 5,742,000 | 27 |
| 31 | HONEYDEW & MISC. MELONS | 5,190,000 | * |
| 32 | TOMATOES - PROCESSOR | 5,050,000 | 31 |
| 33 | MISC. CITRUS, FRUITS & NUTS | 3,160,000 | 34 |
| 34 | CABBAGE | 2,951,000 | 32 |
| 35 | GRAPEFRUIT | 2,613,000 | 28 |
| 36 | ALFALFA SEED | 2,256,000 | 37 |
| 37 | ORANGES | 1,835,000 | 36 |
| 38 | WOOL | 1,563,000 | 40 |
| 39 | HONEY | 1,153,000 | 38 |
| 40 | BALED STRAW | 1,087,000 | 35 |
| 41 | COTTON SEED | 1,084,000 | * |

*NEW FOR 1993

1994
IMPERIAL COUNTY
AGRICULTURAL CROP
AND LIVESTOCK REPORT



AGRICULTURAL
SEALER OF WEIGHTS



COMMISSIONER
AND MEASURES

STEPHEN L. BIRDSALL • COMMISSIONER • DIRECTOR
MIGUEL A. MONROY • ASSISTANT COMMISSIONER • DIRECTOR

150 SOUTH NINTH STREET • EL CENTRO, CA 92243-2850
TELEPHONE: (619) 339-4314

June 15, 1995

TO: Ann Veneman, Secretary
California Department of Food and Agriculture
And
The Honorable Board of Supervisors
County of Imperial
Brad Luckey, Chairman
Bill Cole
Dean A. Shores
Wayne VanDeGraaff
Sam Sharp

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1994. This report is a summary of acreage, yields and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The total agricultural production value in 1994 was \$954,534,000. This is a 6.47% decrease from the 1993 value. The reduction in values were posted in vegetable and melon (18.29%), apiary (13.5%), livestock (7.33%) and seed and nursery (6.96%) sectors. Lower prices coupled with lower yields are the principal causes for the decrease in gross values. Increased values posted in field (12.29%) and fruit and nut (3.8%) sectors were a direct result of increased acreage, yields and prices. The whitefly infestation continues to be a significant factor impacting the agricultural practices in our County and contributes to the general decline in gross value. As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, 206 dollars of personal income is generated by agriculturally related jobs.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank the staff that produced this report for their dedicated work.

Sincerely,

Stephen L. Birdsall
Agricultural Commissioner

LIVESTOCK

| CROP | YEAR | TOTAL HEAD | UNIT GAIN | TOTAL GAIN* | UNIT | VALUE PER UNIT | GROSS VALUE |
|-----------------------------------|-------|------------|-----------|-------------|------|----------------|-------------------|
| CATTLE (Feedlot)..... Finished | 1994 | 287,083 | B 8.20 | 2,352,932 | CWT | B 63.70 | 149,882,000 |
| | 1993 | 288,307 | B 7.86 | 2,267,332 | CWT | B 72.53 | 164,447,000 |
| Backgrounded | A1994 | 55,628 | B 8.66 | 481,738 | CWT | B108.50 | 52,269,000 |
| | A1993 | 89,525 | B 8.46 | 757,382 | CWT | B 84.50 | 63,999,000 |
| TOTAL CATTLE | 1994 | 342,711 | 8.27 | 2,834,671 | CWT | 71.31 | 202,151,000 |
| | 1993 | 377,832 | 8.01 | 3,024,714 | CWT | 75.53 | 228,446,000 |
| SHEEP (Feeders) | 1994 | 339,806 | 0.48 | 161,408 | CWT | 74.25 | 11,985,000 |
| | 1993 | 297,735 | 0.44 | 131,003 | CWT | 73.93 | 9,685,000 |
| WOOL..... | 1994 | 350,000 | | 1,706,250 | LBS | 1.58 | 2,696,000 |
| | 1993 | 306,667 | | 1,564,002 | LBS | 1.00 | 1,563,000 |
| AQUATIC PRODUCTS | 1994 | | | | | | 8,733,000 |
| | 1993 | | | | | | 7,678,000 |
| MISC. LIVESTOCK | 1994 | | | | | | 17,049,000 |
| | 1993 | | | | | | 14,437,000 |
| | | | | | | | VALUE 1994 |
| | | | | | | | 242,614,000 |
| | | | | | | | VALUE 1993 |
| | | | | | | | 261,809,000 |

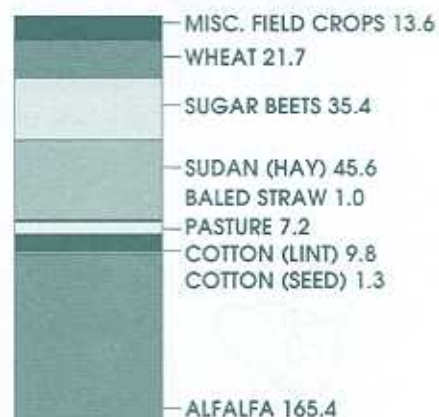
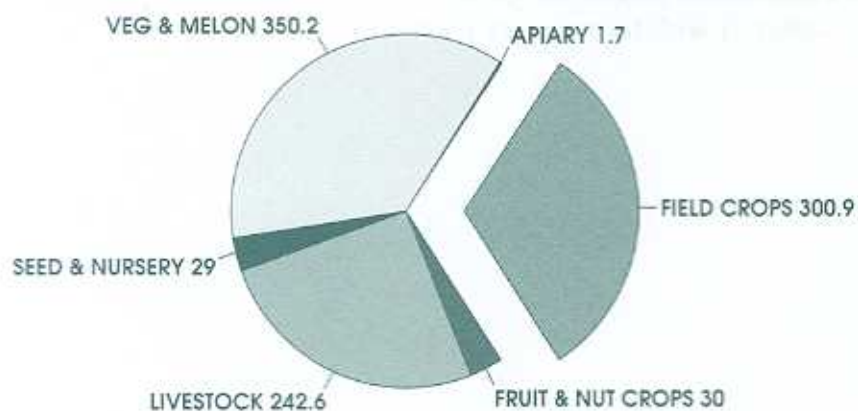
* GAIN MAY NOT TOTAL DUE TO ROUNDING

A - Backgrounded = Cattle fed but not finished for market

B - Based on average gain and price

1994 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)



FIELD CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|---|-------|---------|----------------|--------------|------|----------------|-------------|
| ALFALFA (Cubed & Greenchopped) | 1994 | 7,651 | 8.75 | 66,946.25 | TON | 92.50 | 6,193,000 |
| | 1993 | 10,567 | 8.00 | 84,537.12 | TON | 82.45 | 6,970,000 |
| ALFALFA HAY (Baled) | 1994 | 183,617 | 7.88 | 1,446,901.96 | TON | 110.00 | 159,159,000 |
| | 1993 | 165,552 | 8.15 | 1,349,248.80 | TON | 92.00 | 124,131,000 |
| TOTAL ALFALFA | 1994 | 191,268 | 7.91 | 1,513,848.21 | TON | 109.23 | 165,352,000 |
| | 1993 | 176,119 | 8.14 | 1,433,785.92 | TON | 91.44 | 131,101,000 |
| COTTON (Lint) | 1994 | 9,176 | 2.82 | A 25,876.32 | BALE | 377.50 | B 9,768,000 |
| | 1993 | 8,919 | 2.67 | A 23,813.73 | BALE | 260.02 | B 6,192,000 |
| COTTON (Seed) | 1994 | 9,176 | 1.06 | 9,703.62 | TON | 130.00 | 1,261,000 |
| | 1993 | 8,919 | 0.93 | 8,334.81 | TON | 130.06 | 1,084,000 |
| PASTURE CROPS | | | | | | | |
| Alfalfa | 1994 | 116,022 | # | | ACRE | 36.40 | 4,223,000 |
| | 1993 | 105,898 | # | | ACRE | 35.70 | 3,781,000 |
| Ryegrass | 1994 | 4,987 | C | | ACRE | 254.80 | 1,271,000 |
| | 1993 | 6,227 | C | | ACRE | 175.00 | 1,090,000 |
| Sugar Beet Tops | 1994 | 2,767 | # | | ACRE | 37.33 | 103,000 |
| | 1993 | 19,247 | # | | ACRE | 35.00 | 674,000 |
| Misc. Pasture | 1994 | 33,044 | # | | ACRE | 48.30 | 1,596,000 |
| | 1993 | 27,077 | # | | ACRE | 37.74 | 1,022,000 |
| TOTAL PASTURE | 1994 | 156,820 | | | | | 7,193,000 |
| | 1993 | 158,449 | | | | | 6,567,000 |
| BALED STRAW | 1994 | | | 31,392.20 | TON | 32.67 | 1,026,000 |
| | 1993 | | | 46,283.73 | TON | 23.49 | 1,087,000 |
| SUDANGRASS HAY | 1994 | 78,878 | 6.60 | 520,594.80 | TON | 87.58 | 45,594,000 |
| | 1993 | 59,822 | 7.63 | 456,441.86 | TON | 83.33 | 38,037,000 |
| SUGAR BEETS | 1994 | 27,669 | 32.35 | 895,092.15 | TON | 39.58 | 35,428,000 |
| | 1993 | 38,494 | 30.18 | 1,161,733.00 | TON | 38.66 | 44,913,000 |
| WHEAT | 1994 | 55,730 | 2.87 | 159,722.18 | TON | 135.75 | 21,682,000 |
| | 1993 | 54,598 | 2.78 | 151,782.44 | TON | 125.33 | 19,023,000 |
| MISC. FIELD CROPS | 1994 | 23,323 | | | | | 13,639,000 |
| | 1993 | 21,614 | | | | | 20,007,000 |
| TOTALS 1994..... | ACRES | 391,031 | | | | VALUE | 300,943,000 |
| TOTALS 1993.....** | ACRES | 365,793 | | | | VALUE | 268,011,000 |

* YIELDS MAY NOT TOTAL DUE TO ROUNDING

** ACRES REVISED

MISC. FIELD CROPS = Barley, Bermudagrass Hay, Buffle Grass, Corn Nuts, Field Corn, Industrial Crops, Ryegrass, Oats, Safflower, Sesbania, Sorghum Grain and Sorghum Silage.

= Pastured one time and acres are counted in other crop listings

A = 500 lb. Bales

B = Includes Government Payment

C = Pastured Five Times

VEGETABLE AND MELON CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|---|------|--------|----------------------|--------------|-----------|----------------------|----------------|
| ASPARAGUS | | | | | | | |
| Harvested | 1994 | 5,991 | 147 | 881,944 | 30 LB CTN | 35.67 | 31,459,000 |
| New Seeding..... | 1994 | 145 | | | | | |
| Harvested | 1993 | 6,184 | 141 | 870,276 | 30 LB CTN | 29.72 | 25,865,000 |
| BROCCOLI (Market) | 1994 | 7,219 | 485 | 3,502,202 | 26 LB CTN | 5.60 | 19,612,000 |
| | 1993 | 5,389 | 492 | 2,652,084 | 26 LB CTN | 7.39 | 19,599,000 |
| CABBAGE (Market) | 1994 | 1,554 | 307 | 477,755 | 50 LB CTN | 5.12 | 2,446,000 |
| | 1993 | 895 | 622 | 556,718 | 50 LB CTN | 5.30 | 2,951,000 |
| CARROTS | | | | | | | |
| Market..... | 1994 | 16,312 | 714 | 11,646,768 | 50 LB BAG | 7.10 | 82,692,000 |
| | 1993 | 14,811 | 956 | 14,156,354 | 50 LB BAG | 6.76 | 95,668,000 |
| Processing & Feed..... | 1994 | | 7.84 | 127,886 | TON | 6.00 | 767,000 |
| | 1993 | | 2.71 | 40,110 | TON | 5.86 | 235,000 |
| TOTAL CARROTS..... | 1994 | 16,312 | | | | | 83,459,000 |
| | 1993 | 14,811 | | | | | 95,903,000 |
| CAULIFLOWER (Market) | 1994 | 5,043 | 489 | 2,468,064 | 23 LB CTN | 6.72 | 16,585,000 |
| | 1993 | 4,167 | 468 | 1,948,793 | 23 LB CTN | 8.39 | 16,350,000 |
| SWEET CORN | 1994 | 4,864 | 250 | 1,215,824 | 50 LB CTN | 5.56 | 6,760,000 |
| FALL & SPRING | 1993 | 3,218 | 303 | 974,024 | 50 LB CTN | 6.60 | 6,429,000 |
| HEAD LETTUCE | | | | | | | |
| Naked Pack..... | 1994 | 12,624 | 343 | 4,327,469 | 50 LB CTN | 4.10 | 17,743,000 |
| | 1993 | 13,954 | 494 | 6,891,702 | 50 LB CTN | 7.24 | 49,896,000 |
| Wrap Pack..... | 1994 | 12,623 | 432 | 5,452,122 | 40 LB CTN | 4.61 | 25,134,000 |
| | 1993 | 7,514 | 510 | 3,828,724 | 40 LB CTN | 8.54 | 32,697,000 |
| Salad Products and Trim & Cored..... | 1994 | | | | | | 13,167,000 |
| | 1993 | | | | | | 11,839,000 |
| TOTAL HEAD LETTUCE..... | 1994 | 25,247 | | | | | 56,044,000 |
| | 1993 | 21,468 | | | | | 94,432,000 |
| LEAF LETTUCE..... | 1994 | 7,925 | 826 | 6,542,448 | 35 LB CTN | 4.21 | 27,544,000 |
| | 1993 | 3,882 | 733 | 2,845,506 | 35 LB CTN | 9.22 | 26,236,000 |

VEGETABLE AND MELON CROPS

(continued)

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|------------------------------------|--------------|---------|----------------------|--------------|------------|----------------------|----------------|
| ONIONS | | | | | | | |
| Market | 1994 | 3,749 | 706 | 2,647,183 | 50 LB SACK | 4.21 | 11,145,000 |
| | 1993 | 3,576 | 753 | 2,691,651 | 50 LB SACK | 8.29 | 22,314,000 |
| Processor | 1994 | 8,116 | 17.10 | 138,804 | TON | 79.26 | 11,002,000 |
| | 1993 | 7,106 | 16.72 | 118,779 | TON | 76.97 | 9,143,000 |
| TOTAL ONIONS | 1994 | 11,865 | | | | | 22,147,000 |
| | 1993 | 10,682 | | | | | 31,457,000 |
| TOMATOES | | | | | | | |
| Market | 1994 | 920 | 970 | 892,825 | 25 LB CTN | 5.90 | 5,268,000 |
| | 1993 | 958 | 1,136 | 1,088,173 | 25 LB CTN | 11.67 | 12,704,000 |
| Processor | 1994 | 1,656 | 27.81 | 46,053 | TON | 54.00 | 2,487,000 |
| | 1993 | 2,500 | 35.13 | 87,830 | TON | 57.50 | 5,050,000 |
| TOTAL TOMATOES | 1994 | 2,576 | | | | | 7,755,000 |
| | 1993 | 3,458 | | | | | 17,754,000 |
| MISC. VEGETABLES | 1994 | 5,396 | | | | | 18,824,000 |
| | 1993 | 4,356 | | | | | 16,798,000 |
| CANTALOUPE | | | | | | | |
| Spring | 1994 | 14,588 | 426 | 6,219,121 | 40 LB CTN | 7.46 | 46,395,000 |
| | 1993 | 13,160 | 631 | 8,297,430 | 40 LB CTN | 6.83 | 56,671,000 |
| Fall | 1994 | 383 | 95 | 36,390 | 40 LB CTN | 11.11 | 404,000 |
| | 1993 | 695 | 343 | 238,382 | 40 LB CTN | 10.23 | 2,439,000 |
| TOTAL CANTALOUPE | 1994 | 14,971 | 418 | 6,255,511 | 40 LB CTN | 7.48 | 46,799,000 |
| | 1993 | 13,855 | 616 | 8,535,812 | 40 LB CTN | 6.92 | 59,110,000 |
| HONEYDEW & MISC. MELONS | | | | | | | |
| Spring and Fall | 1994 | 1,408 | 511 | 719,612 | 40 LB CTN | 5.59 | 4,023,000 |
| | 1993 | 1,040 | 751 | 781,201 | 40 LB CTN | 6.64 | 5,190,000 |
| WATERMELONS | 1994 | 3,503 | 13.71 | 48,021 | TON | 140.00 | 6,723,000 |
| | 1993 | 2,596 | 22.42 | 58,197 | TON | 179.99 | 10,475,000 |
| TOTALS 1994 | ACRES | 113,874 | | | | VALUE | 350,180,000 |
| TOTALS 1993 | ACRES | 96,001 | | | | VALUE | 428,549,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. VEGETABLES = Artichokes, Beans, Beets, Celery, Chinese Vegetables, Cilantro, Collards, Cucumbers, Eggplant, Endive, Garlic, Kale, Mustard Greens, Okra, Green Onions, Parsley, Parsnips, Peppers, Potatoes, Radishes, Rappini, Rutabagas, Spinach, Squash, Swiss Chard, Turnips and Water Lilies.

FRUIT AND NUT CROPS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|------|--------------|----------------------|--------------|------|----------------------|----------------|
| DATES | | | | | | | |
| Harvested | 1994 | 652 | 3.80 | 2,477.60 | TON | 4,499.92 | 11,149,000 |
| Non-Bearing | 1994 | 277 | | | | | |
| Harvested | 1993 | 718 | 4.40 | 3,159.20 | TON | 3,915.55 | 12,370,000 |
| GRAPEFRUIT | | | | | | | |
| Harvested | 1994 | 893 | 13.54 | 12,092.96 | TON | 169.19 | 2,046,000 |
| Non-Bearing | 1994 | 170 | | | | | |
| Harvested | 1993 | 718 | 13.22 | 9,489.09 | TON | 275.37 | 2,613,000 |
| LEMONS | | | | | | | |
| Harvested | 1994 | 1,649 | 11.74 | 19,352.07 | TON | 519.48 | 10,053,000 |
| Non-Bearing | 1994 | 408 | | | | | |
| Harvested | 1993 | 1,756 | 7.49 | 13,152.44 | TON | 569.48 | 7,490,000 |
| ORANGES (NAVELS & VALENCIA) | | | | | | | |
| Harvested | 1994 | 607 | 6.06 | 3,678.29 | TON | 457.01 | 1,681,000 |
| Non-Bearing | 1994 | 147 | | | | | |
| Harvested | 1993 | 608 | 7.89 | 4,794.48 | TON | 382.73 | 1,835,000 |
| TANGERINES | | | | | | | |
| Harvested | 1994 | 556 | 7.83 | 4,351.00 | TON | 558.26 | 2,429,000 |
| Non-Bearing | 1994 | 160 | | | | | |
| Harvested | 1993 | 106 | 10.99 | 1,164.94 | TON | 517.62 | 603,000 |
| MISC. CITRUS, FRUIT & NUT CROPS | | | | | | | |
| Harvested | 1994 | 384 | 4.64 | 1,783.54 | TON | 1,163.42 | 2,075,000 |
| Non-Bearing | 1994 | 90 | | | | | |
| Harvested | 1993 | 601 | 6.12 | 3,675.12 | TON | 859.84 | 3,160,000 |
| CITRUS BY-PRODUCTS | | | | | | | |
| ..... | 1994 | | | 10,953.16 | TON | 56.15 | 615,000 |
| ..... | 1993 | | | 17,304.55 | TON | 51.03 | 883,000 |
| TOTALS 1994 | | ACRES | 4,741 | | | VALUE | 30,048,000 |
| TOTALS 1993 | | ACRES | 4,507 | | | VALUE | 28,954,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING
 MISC. CITRUS = Limes, Tangelos, Tangors and Temples
 FRUIT & NUT CROPS = Grapes, Mangos and Pecans

SEED CROPS AND NURSERY PRODUCTS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|-------|--------|----------------------|--------------|------|----------------------|----------------|
| ALFALFA SEED | 1994 | 3,805 | 417 | 1,586,685 | LBS | 1.38 | 2,190,000 |
| | 1993 | 5,582 | 353 | 1,970,446 | LBS | 1.14 | 2,256,000 |
| BERMUDAGRASS SEED | 1994 | 15,426 | 480 | 7,404,480 | LBS | 1.64 | 12,143,000 |
| | 1993 | 15,558 | 365 | 5,678,670 | LBS | 1.73 | 9,796,000 |
| ONION SEED | 1994 | 1,929 | 294 | 567,126 | LBS | 5.13 | 2,909,000 |
| | 1993 | 2,925 | 252 | 737,100 | LBS | 8.52 | 6,280,000 |
| MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS..... | 1994 | 1,211 | | | | | 4,752,000 |
| | 1993 | 833 | | | | | 6,165,000 |
| CERTIFIED SEED | 1994 | 8,701 | | | | | 7,019,000 |
| | 1993 | 12,258 | | | | | 6,686,000 |
| TOTALS 1994..... | ACRES | 31,072 | | | | VALUE | 29,013,000 |
| TOTALS 1993..... | ACRES | 37,156 | | | | VALUE | 31,183,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD, VEGETABLE AND

FLOWER SEED CROPS = Artichoke, Broccoli, Carrots, Cauliflower, Flax, Flowers, Lettuce, Okra, Radish, Rape, Rappini, Sesbania, Sudangrass, Sunflower and Watermelon.

CERTIFIED SEED = Alfalfa, Artichoke, Bermudagrass, Flax, Oats, Okra, Rape, Sudangrass and Wheat

APIARY PRODUCTS

| | YEAR | TOTAL HIVES | YIELD PER HIVE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|------------------|------|----------------|----------------------|--------------|------|----------------------|----------------|
| HONEY | 1994 | 38,814 | 52.38 | 2,032,924.36 | LBS | 0.46 | 935,000 |
| | 1993 | 36,429 | 59.83 | 2,179,494.00 | LBS | 0.53 | 1,153,000 |
| WAX | 1994 | 38,884 | 1.11 | 43,233.79 | LBS | 1.57 | 68,000 |
| | 1993 | 36,189 | 1.07 | 38,590.39 | LBS | 1.35 | 52,000 |
| POLLINATION..... | 1994 | 40,273 | | | COL | 18.21 | 733,000 |
| | 1993 | 44,225 | | | COL | 18.13 | 802,000 |
| | | | | | | VALUE 1994 | 1,736,000 |
| | | | | | | VALUE 1993 | 2,007,000 |

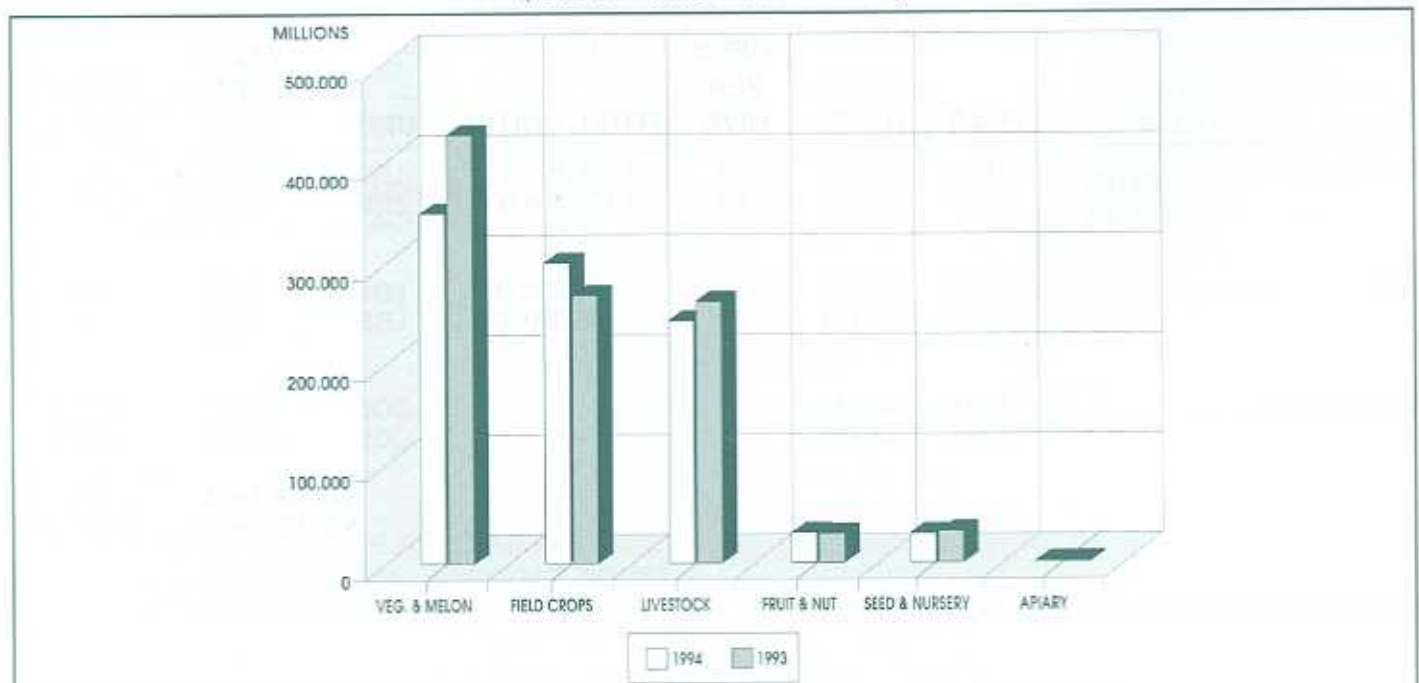
* UNITS MAY NOT TOTAL DUE TO ROUNDING

1994 SUMMARY

| COMMODITY | YEAR | HARVESTED ACREAGE | VALUE |
|-------------------------------|-------|-------------------|---------------|
| VEGETABLE & MELON CROPS | 1994 | 113,874 | 350,180,000 |
| | 1993 | 96,001 | 428,549,000 |
| FIELD CROPS | 1994 | 391,031 | 300,943,000 |
| | 1993* | 365,793 | 268,011,000 |
| LIVESTOCK | 1994 | | 242,614,000 |
| | 1993 | | 261,809,000 |
| FRUIT & NUT CROPS | 1994 | 4,741 | 30,048,000 |
| | 1993 | 4,507 | 28,954,000 |
| SEED & NURSERY CROPS | 1994 | 31,072 | 29,013,000 |
| | 1993 | 37,156 | 31,183,000 |
| APIARY PRODUCTS | 1994 | | 1,736,000 |
| | 1993 | | 2,007,000 |
| TOTALS | 1994 | 540,718 | 954,534,000 |
| TOTALS | 1993 | 503,457 | 1,020,513,000 |

* = Adjusted acres

GROSS VALUE 1994-1993 COMPARISON (Value = Millions of Dollars)



MILLION DOLLAR CROPS

| 1994 RANKING | | | 1993 RANKING |
|-----------------|----------------------------------|---------------|-----------------|
| 1 | CATTLE | \$202,151,000 | 1 |
| 2 | ALFALFA..... | 165,352,000 | 2 |
| 3 | CARROTS | 83,459,000 | 3 |
| 4 | LETTUCE | 56,044,000 | 4 |
| 5 | CANTALOUPE | 46,799,000 | 5 |
| 6 | SUDANGRASS HAY..... | 45,594,000 | 7 |
| 7 | SUGAR BEETS | 35,428,000 | 6 |
| 8 | ASPARAGUS..... | 31,459,000 | 10 |
| 9 | LEAF LETTUCE | 27,544,000 | 9 |
| 10 | ONIONS | 22,147,000 | 8 |
| 11 | WHEAT | 21,682,000 | 12 |
| 12 | BROCCOLI..... | 19,612,000 | 11 |
| 13 | MISC. VEGETABLES..... | 18,824,000 | 13 |
| 14 | MISC. LIVESTOCK..... | 17,049,000 | 15 |
| 15 | CAULIFLOWER..... | 16,585,000 | 14 |
| 16 | MISC. FIELD CROPS | 13,639,000 | 30 |
| 17 | BERMUDAGRASS SEED..... | 12,143,000 | 20 |
| 18 | SHEEP | 11,985,000 | 21 |
| 19 | DATES | 11,149,000 | 18 |
| 20 | LEMONS | 10,053,000 | 23 |
| 21 | COTTON LINT..... | 9,768,000 | 28 |
| 22 | AQUATIC PRODUCTS..... | 8,733,000 | 22 |
| 23 | TOTAL PASTURE | 7,193,000 | 25 |
| 24 | CERTIFIED SEED..... | 7,019,000 | 24 |
| 25 | SWEET CORN | 6,760,000 | 26 |
| 26 | WATERMELONS..... | 6,723,000 | 19 |
| 27 | TOMATOES - MARKET..... | 5,268,000 | 17 |
| 28 | MISC. SEED & NURSERY | 4,752,000 | 29 |
| 29 | HONEYDEW & MISC. MELONS | 4,023,000 | 31 |
| 30 | ONION SEED | 2,909,000 | 27 |
| 31 | WOOL..... | 2,696,000 | 38 |
| 32 | TOMATOES - PROCESSOR..... | 2,487,000 | 32 |
| 33 | CABBAGE | 2,446,000 | 34 |
| 34 | TANGERINES..... | 2,429,000 | * |
| 35 | ALFALFA SEED..... | 2,190,000 | 36 |
| 36 | MISC. CITRUS, FRUITS & NUTS..... | 2,075,000 | 33 |
| 37 | GRAPEFRUIT..... | 2,046,000 | 35 |
| 38 | ORANGES..... | 1,681,000 | 37 |
| 39 | COTTON SEED..... | 1,261,000 | 41 |
| 40 | BALED STRAW | 1,026,000 | 40 |

* = NEW FOR 1994

1 9 9 5



Imperial County
Agricultural
Crop &
Livestock
Report

AGRICULTURAL
SEALER OF WEIGHTS



COMMISSIONER
AND MEASURES

STEPHEN L. BIRDSALL • COMMISSIONER • DIRECTOR
MIGUEL A. MONROY • ASSISTANT COMMISSIONER • DIRECTOR

150 SOUTH NINTH STREET • EL CENTRO, CA 92243-2850
TELEPHONE: (619) 339-4314

March 1, 1996

TO: Ann Veneman, Secretary
Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Imperial
Dean A. Shores, Chairman
Bill Cole
Brad Luckey
Sam Sharp
Wayne VanDeGraaff

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1995. This report is a summary of acreage, yields, and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The total agricultural production value in 1995 was \$1,008,653,000. This is a 5.6% percent increase from the 1994 value. The increase in values were posted in the fruit and nut crops (8%), vegetable crops (36%), and apiary (51%) sectors. This increase was a direct result of higher pricing coupled with increased yields. Decreases in value occurred in field crops (11%), livestock (16%) and seed and nursery (12%). Lower prices were the principal cause of the decreases in gross value. As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, \$220 dollars of personal income is generated to agriculturally related jobs. Even though this is a modest increase over last year, the whitefly continues to cause significant crop loss and economic damage.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank the staff that produced this report for their dedicated work.

Sincerely,

Stephen L. Birdsall

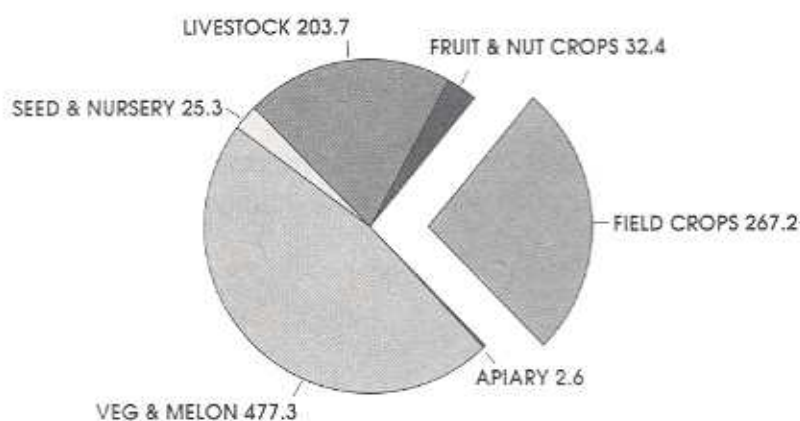
LIVESTOCK

| CROP | YEAR | TOTAL HEAD | UNIT GAIN | TOTAL GAIN* | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|------|------------|-----------|-------------|------|----------------|--------------------|
| CATTLE (Feedlot)..... Finished & Backgrounded | 1995 | 318,952 | A 8.11 | 2,586,700 | CWT | A 62.44 | 161,514,000 |
| | 1994 | 342,711 | A 8.27 | 2,834,671 | CWT | A 71.31 | 202,151,000 |
| SHEEP (Feeders) | 1995 | 225,000 | 0.42 | 94,500 | CWT | 73.10 | 6,908,000 |
| | 1994 | 339,806 | 0.48 | 161,408 | CWT | 74.25 | 11,985,000 |
| WOOL..... | 1995 | 227,272 | | 1,105,224 | LBS | 1.23 | 1,359,000 |
| | 1994 | 350,000 | | 1,706,250 | LBS | 1.58 | 2,696,000 |
| AQUATIC PRODUCTS..... (Fish & Algae) | 1995 | | | | | | 12,596,000 |
| | 1994 | | | | | | 8,733,000 |
| MISC. LIVESTOCK..... (Dairy, Dairy Heifers, Swine, Goats, Rabbits, Ostriches, Cavies & Poultry) | 1995 | | | | | | 21,342,000 |
| | 1994 | | | | | | 17,049,000 |
| VALUE 1995 | | | | | | | 203,719,000 |
| VALUE 1994 | | | | | | | 242,614,000 |

* GAIN MAY NOT TOTAL DUE TO ROUNDING
A - Based on average gain and price

1995 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)



AGRICULTURAL PRODUCTION

FIELD CROPS

FIELD CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|-----------------------------------|-------|---------|----------------|--------------|------|----------------|--------------|
| ALFALFA (Cubed & Greenchopped) | 1995 | 6,500 | 6.36 | 41,340.00 | TON | 105.28 | 4,352,000 |
| | 1994 | 7,651 | 8.75 | 66,946.25 | TON | 92.50 | 6,193,000 |
| ALFALFA HAY (Baled) | 1995 | 175,901 | 7.94 | 1,398,654.00 | TON | 87.47 | 122,165,000 |
| | 1994 | 183,617 | 7.88 | 1,446,901.96 | TON | 110.00 | 159,159,000 |
| TOTAL ALFALFA | 1995 | 182,401 | 7.88 | 1,437,994.00 | TON | 87.98 | 126,517,000 |
| | 1994 | 191,268 | 7.91 | 1,513,848.21 | TON | 109.23 | 165,352,000 |
| COTTON (Lint) | 1995 | 9,647 | 2.75 | A 26,529.25 | BALE | 395.22 | B 10,485,000 |
| | 1994 | 9,176 | 2.82 | A 25,876.32 | BALE | 377.50 | B 9,768,000 |
| COTTON (Seed) | 1995 | 9,647 | 1.03 | 9,965.02 | TON | 154.44 | 1,539,000 |
| | 1994 | 9,176 | 1.06 | 9,703.62 | TON | 130.00 | 1,261,000 |
| PASTURE CROPS | | | | | | | |
| Alfalfa | 1995 | 109,440 | # | | ACRE | 37.80 | 4,137,000 |
| | 1994 | 116,022 | # | | ACRE | 36.40 | 4,223,000 |
| Ryegrass | 1995 | 4,817 | C | | ACRE | 188.91 | 910,000 |
| | 1994 | 4,987 | C | | ACRE | 254.80 | 1,271,000 |
| Sugar Beet Tops | 1995 | 3,161 | # | | ACRE | 31.64 | 100,000 |
| | 1994 | 2,767 | # | | ACRE | 37.33 | 103,000 |
| Misc. Pasture | 1995 | 33,619 | # | | ACRE | 31.53 | 1,060,000 |
| | 1994 | 33,044 | # | | ACRE | 48.30 | 1,596,000 |
| TOTAL PASTURE | 1995 | 151,037 | | | | | 6,207,000 |
| | 1994 | 156,820 | | | | | 7,193,000 |
| BALED STRAW | 1995 | | | 52,823.00 | TON | 32.50 | 1,717,000 |
| | 1994 | | | 31,392.20 | TON | 32.67 | 1,026,000 |
| SUDANGRASS HAY | 1995 | 77,365 | 6.50 | 502,872.50 | TON | 85.00 | 42,744,000 |
| | 1994 | 78,878 | 6.60 | 520,594.80 | TON | 87.58 | 45,594,000 |
| SUGAR BEETS | 1995 | 31,612 | 32.11 | 1,015,061.32 | TON | 39.58 | 40,176,000 |
| | 1994 | 27,878 | 32.35 | 895,092.15 | TON | 39.58 | 35,428,000 |
| WHEAT | 1995 | 67,117 | 2.75 | 184,571.75 | TON | 170.00 | 31,377,000 |
| | 1994 | 55,730 | 2.87 | 159,722.18 | TON | 135.75 | 21,682,000 |
| MISC. FIELD CROPS | 1995 | 28,257 | | | | | 6,459,000 |
| | 1994 | 23,323 | | | | | 13,639,000 |
| TOTALS 1995 | ACRES | 401,216 | | | | VALUE | 267,221,000 |
| TOTALS 1994 | ACRES | 391,031 | | | | VALUE | 300,943,000 |

* YIELDS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD CROPS = Barley, Bermudagrass Hay, Bufflegrass, Corn Nuts, Field Corn, Kliengrass, Ryegrass, Oats, Safflower, Sesbania, Sorghum Grain and Sorghum Silage.

= Pastured one time and acres are counted in other crop listings

A = 500 lb. Bales

B = Includes Government Payment

C = Pastured Five Times

VEGETABLE AND MELON CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|---|------|--------|----------------------|--------------|-----------|----------------------|----------------|
| ASPARAGUS | | | | | | | |
| Harvested | 1995 | 4,764 | 164 | 780,968 | 30 LB CTN | 31.17 | 24,343,000 |
| New Seeding | 1995 | 272 | | | | | |
| Harvested | 1994 | 5,991 | 147 | 881,944 | 30 LB CTN | 35.67 | 31,459,000 |
| BROCCOLI (Market)..... | 1995 | 5,926 | 495 | 2,932,715 | 26 LB CTN | 9.07 | 26,600,000 |
| | 1994 | 7,217 | 485 | 3,502,202 | 26 LB CTN | 5.60 | 19,612,000 |
| CABBAGE (Market)..... | 1995 | 757 | 603 | 456,893 | 50 LB CTN | 4.72 | 2,157,000 |
| | 1994 | 1,554 | 307 | 477,755 | 50 LB CTN | 5.12 | 2,446,000 |
| CARROTS | | | | | | | |
| Market & Processing..... | 1995 | 14,959 | 820 | 12,266,380 | 50 LB BAG | 8.67 | 106,350,000 |
| | 1994 | 16,312 | 714 | 11,646,768 | 50 LB BAG | 7.10 | 82,692,000 |
| Culls & Feed | 1995 | | 6.20 | 92,746 | TON | 5.50 | 510,000 |
| | 1994 | | 7.84 | 127,886 | TON | 6.00 | 767,000 |
| TOTAL CARROTS | 1995 | 14,959 | | | | | 106,860,000 |
| | 1994 | 16,312 | | | | | 83,459,000 |
| CAULIFLOWER (Market)..... | 1995 | 3,237 | 520 | 1,684,456 | 23 LB CTN | 8.67 | 14,604,000 |
| | 1994 | 5,043 | 489 | 2,468,064 | 23 LB CTN | 6.72 | 16,585,000 |
| SWEET CORN | 1995 | 3,896 | 299 | 1,166,415 | 50 LB CTN | 8.00 | 9,331,000 |
| Fall & Spring | 1994 | 4,864 | 250 | 1,215,824 | 50 LB CTN | 5.56 | 6,760,000 |
| HEAD LETTUCE | | | | | | | |
| Naked Pack | 1995 | 13,484 | 510 | 6,877,107 | 50 LB CTN | 6.93 | 47,658,000 |
| | 1994 | 12,624 | 343 | 4,327,469 | 50 LB CTN | 4.10 | 17,743,000 |
| Wrap Pack | 1995 | 8,748 | 576 | 5,040,952 | 40 LB CTN | 8.72 | 43,957,000 |
| | 1994 | 12,623 | 432 | 5,452,122 | 40 LB CTN | 4.61 | 25,134,000 |
| Salad Products and Trim & Cored..... | 1995 | | | | | | 17,458,000 |
| | 1994 | | | | | | 13,167,000 |
| TOTAL HEAD LETTUCE.... | 1995 | 22,232 | | | | | 109,073,000 |
| | 1994 | 25,247 | | | | | 56,044,000 |
| LEAF LETTUCE..... | 1995 | 6,144 | 844 | 5,188,447 | 35 LB CTN | 10.31 | 53,493,000 |
| | 1994 | 7,925 | 826 | 6,542,448 | 35 LB CTN | 4.21 | 27,544,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

VEGETABLE AND MELON CROPS

(continued)

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|------------------------------------|--------------|---------|----------------|--------------|------------|----------------|-------------|
| ONIONS | | | | | | | |
| Market | 1995 | 4,333 | 1,061 | 4,596,236 | 50 LB SACK | 6.09 | 27,991,000 |
| | 1994 | 3,749 | 706 | 2,647,183 | 50 LB SACK | 4.21 | 11,145,000 |
| Processor | 1995 | 6,925 | 19.26 | 133,375 | TON | 80.45 | 10,730,000 |
| | 1994 | 8,116 | 17.10 | 138,804 | TON | 79.26 | 11,002,000 |
| TOTAL ONIONS..... | 1995 | 11,258 | | | | | 38,721,000 |
| | 1994 | 11,865 | | | | | 22,147,000 |
| TOMATOES | | | | | | | |
| Market | 1995 | 808 | 1,689 | 1,364,712 | 25 LB CTN | 7.11 | 9,703,000 |
| | 1994 | 920 | 970 | 892,825 | 25 LB CTN | 5.90 | 5,268,000 |
| Processor | 1995 | 1,028 | 44.10 | 45,332 | TON | 53.89 | 2,443,000 |
| | 1994 | 1,656 | 27.81 | 46,053 | TON | 54.00 | 2,487,000 |
| TOTAL TOMATOES..... | 1995 | 1,836 | | | | | 12,146,000 |
| | 1994 | 2,576 | | | | | 7,755,000 |
| MISC. VEGETABLES..... | 1995 | 5,694 | | | | | 23,739,000 |
| | 1994 | 5,396 | | | | | 18,824,000 |
| CANTALOUPE | | | | | | | |
| Spring | 1995 | 14,473 | 366 | 5,297,118 | 40 LB CTN | 8.40 | 44,496,000 |
| | 1994 | 14,588 | 426 | 6,219,121 | 40 LB CTN | 7.46 | 46,395,000 |
| Fall..... | 1995 | 455 | 413 | 187,929 | 40 LB CTN | 7.75 | 1,456,000 |
| | 1994 | 383 | 95 | 36,390 | 40 LB CTN | 11.11 | 404,000 |
| TOTAL CANTALOUPE.... | 1995 | 14,928 | 367 | 5,485,047 | 40 LB CTN | 8.38 | 45,952,000 |
| | 1994 | 14,971 | 418 | 6,255,511 | 40 LB CTN | 7.48 | 46,799,000 |
| HONEYDEW & MISC. MELONS | | | | | | | |
| Spring and Fall | 1995 | 1,770 | 367 | 650,386 | 40 LB CTN | 6.40 | 4,162,000 |
| | 1994 | 1,408 | 511 | 719,612 | 40 LB CTN | 5.59 | 4,023,000 |
| WATERMELONS..... | 1995 | 2,619 | 9.98 | 26,140 | TON | 235.04 | 6,144,000 |
| | 1994 | 3,503 | 13.71 | 48,021 | TON | 140.00 | 6,723,000 |
| TOTALS 1995..... | ACRES | 100,020 | | | | VALUE | 477,325,000 |
| TOTALS 1994..... | ACRES | 113,784 | | | | VALUE | 350,180,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. VEGETABLES = Artichokes, Beans, Beets, Celery, Chinese Vegetables, Cilantro, Collards, Cucumbers, Eggplant, Endive, Garlic, Kale, Mustard Greens, Okra, Green Onions, Parsley, Parsnips, Peppers, Potatoes, Radishes, Rappini, Rutabagas, Spinach, Squash, Swiss Chard, Turnips and Water Lilies.

FRUIT AND NUT CROPS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|------|--------------|----------------------|--------------|------|----------------------|----------------|
| DATES | | | | | | | |
| Harvested | 1995 | 652 | 4.14 | 2,699.28 | TON | 5,201.39 | 14,040,000 |
| Non-Bearing | 1995 | 250 | | | | | |
| Harvested | 1994 | 652 | 3.80 | 2,477.60 | TON | 4,499.92 | 11,149,000 |
| GRAPEFRUIT | | | | | | | |
| Harvested | 1995 | 849 | 14.50 | 12,310.50 | TON | 192.11 | 2,365,000 |
| Non-Bearing | 1995 | 73 | | | | | |
| Harvested | 1994 | 893 | 13.54 | 12,092.96 | TON | 169.19 | 2,046,000 |
| LEMONS | | | | | | | |
| Harvested | 1995 | 1,556 | 9.66 | 15,030.96 | TON | 545.27 | 8,196,000 |
| Non-Bearing | 1995 | 385 | | | | | |
| Harvested | 1994 | 1,649 | 11.74 | 19,352.07 | TON | 519.48 | 10,053,000 |
| ORANGES (NAVELS & VALENCIA) | | | | | | | |
| Harvested | 1995 | 585 | 3.80 | 2,223.00 | TON | 447.14 | 994,000 |
| Non-Bearing | 1995 | 0 | | | | | |
| Harvested | 1994 | 607 | 6.06 | 3,678.29 | TON | 457.01 | 1,681,000 |
| TANGERINES | | | | | | | |
| Harvested | 1995 | 544 | 9.84 | 5,352.96 | TON | 479.92 | 2,569,000 |
| Non-Bearing | 1995 | 40 | | | | | |
| Harvested | 1994 | 556 | 7.83 | 4,351.00 | TON | 558.26 | 2,429,000 |
| MISC. CITRUS, FRUIT & NUT CROPS | | | | | | | |
| Harvested | 1995 | 498 | 8.66 | 4,310.62 | TON | 814.50 | 3,511,000 |
| Non-Bearing | 1995 | 127 | | | | | |
| Harvested | 1994 | 601 | 6.12 | 3,675.12 | TON | 859.84 | 3,160,000 |
| CITRUS BY-PRODUCTS | | | | | | | |
| | 1995 | | | 13,742.00 | TON | 55.01 | 756,000 |
| | 1994 | | | 10,953.16 | TON | 56.15 | 615,000 |
| TOTALS 1995 | | ACRES | 4,684 | | | VALUE | 32,431,000 |
| TOTALS 1994 | | ACRES | 4,741 | | | VALUE | 30,048,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. CITRUS = Limes, Tangelos, Tangors and Temples
 FRUIT & NUT CROPS = Grapes, Mangos and Pecans

SEED CROPS AND NURSERY PRODUCTS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|---|------|--------|----------------------|--------------|------|----------------------|----------------|
| ALFALFA SEED | 1995 | 13,423 | 440 | 5,906,120 | LBS | 1.24 | 7,324,000 |
| | 1994 | 3,805 | 417 | 1,586,685 | LBS | 1.38 | 2,190,000 |
| BERMUDAGRASS SEED | 1995 | 17,854 | 269 | 4,802,726 | LBS | 1.44 | 6,916,000 |
| | 1994 | 15,426 | 480 | 7,404,480 | LBS | 1.64 | 12,143,000 |
| ONION SEED | 1995 | 1,317 | 326 | 429,342 | LBS | 5.94 | 2,550,000 |
| | 1994 | 1,929 | 294 | 567,126 | LBS | 5.13 | 2,909,000 |
| MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS | 1995 | 1,878 | | | | | 1,870,000 |
| | 1994 | 1,211 | | | | | 4,752,000 |
| CERTIFIED SEED | 1995 | 9,930 | | | | | 6,666,000 |
| | 1994 | 8,701 | | | | | 7,019,000 |
| TOTALS 1995 | | ACRES | 44,402 | | | VALUE | 25,326,000 |
| TOTALS 1994 | | ACRES | 31,072 | | | VALUE | 29,013,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD, VEGETABLE AND FLOWER SEED CROPS = Artichoke, Broccoli, Carrots, Cauliflower, Flax, Flowers, Herbs, Lettuce, Okra, Radish, Rape, Rappini, Sesbania, Sudangrass, Sunflower, Watermelon and Grains.

CERTIFIED SEED = Alfalfa, Artichoke, Bermudagrass, Flax, Oats, Rape, Sudangrass and Wheat.

APIARY PRODUCTS

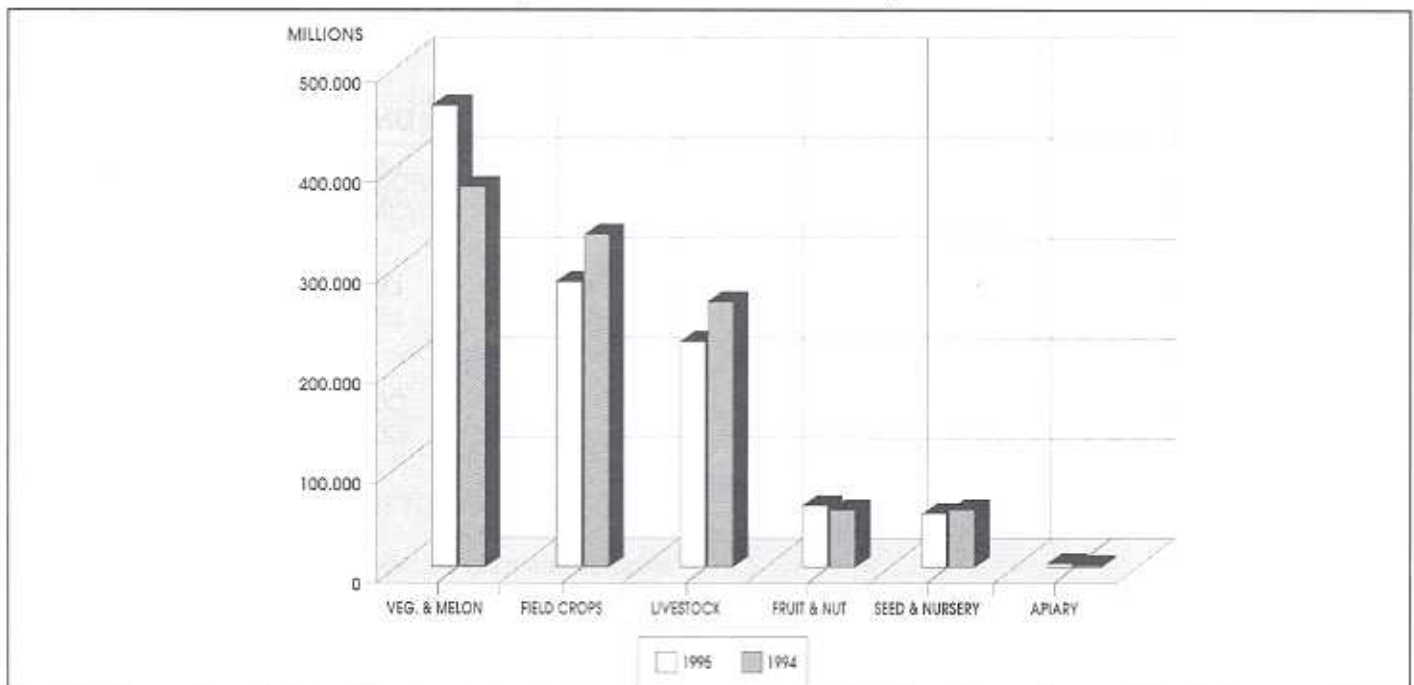
| | YEAR | TOTAL HIVES | YIELD PER HIVE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|------------------|------|----------------|----------------------|--------------|------|----------------------|----------------|
| HONEY | 1995 | 34,480 | 53.83 | 1,856,058.00 | LBS | 0.65 | 1,206,000 |
| | 1994 | 38,814 | 52.38 | 2,032,924.36 | LBS | 0.46 | 935,000 |
| WAX..... | 1995 | 34,480 | 1.21 | 41,720.00 | LBS | 2.18 | 91,000 |
| | 1994 | 38,884 | 1.11 | 43,233.79 | LBS | 1.57 | 68,000 |
| POLLINATION..... | 1995 | 69,745 | | | COL | 19.13 | 1,334,000 |
| | 1994 | 40,273 | | | COL | 18.21 | 733,000 |
| | | | | | | VALUE 1995 | 2,631,000 |
| | | | | | | VALUE 1994 | 1,736,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

1995 SUMMARY

| COMMODITY | YEAR | HARVESTED ACREAGE | VALUE |
|-------------------------------|------|----------------------|---------------|
| VEGETABLE & MELON CROPS | 1995 | 100,020 | 477,325,000 |
| | 1994 | 113,874 | 350,180,000 |
| FIELD CROPS | 1995 | 401,216 | 267,221,000 |
| | 1994 | 391,031 | 300,943,000 |
| LIVESTOCK | 1995 | | 203,719,000 |
| | 1994 | | 242,614,000 |
| FRUIT & NUT CROPS | 1995 | 4,684 | 32,431,000 |
| | 1994 | 4,741 | 30,048,000 |
| SEED & NURSERY CROPS | 1995 | 44,402 | 25,326,000 |
| | 1994 | 31,072 | 29,013,000 |
| APIARY PRODUCTS | 1995 | | 2,631,000 |
| | 1994 | | 1,736,000 |
| TOTALS | 1995 | 550,322 | 1,008,653,000 |
| | 1994 | 540,718 | 954,534,000 |

GROSS VALUE 1995-1994 COMPARISON (Value = Millions of Dollars)



MILLION DOLLAR CROPS

| 1995 RANKING | | | 1994 RANKING |
|-----------------|-------------------------------|---------------|-----------------|
| 1 | CATTLE | \$161,514,000 | 1 |
| 2 | ALFALFA | 126,517,000 | 2 |
| 3 | LETTUCE | 109,073,000 | 4 |
| 4 | CARROTS | 106,860,000 | 3 |
| 5 | LEAF LETTUCE | 53,493,000 | 9 |
| 6 | CANTALOUPE..... | 45,952,000 | 5 |
| 7 | SUDANGRASS HAY | 42,744,000 | 6 |
| 8 | SUGARBEETS | 40,176,000 | 7 |
| 9 | ONIONS | 38,715,000 | 10 |
| 10 | WHEAT | 31,377,000 | 11 |
| 11 | BROCCOLI..... | 26,600,000 | 12 |
| 12 | ASPARAGUS..... | 24,341,000 | 8 |
| 13 | MISC. VEGETABLES | 23,739,000 | 13 |
| 14 | MISC. LIVESTOCK..... | 21,342,000 | 14 |
| 15 | CAULIFLOWER..... | 14,604,000 | 15 |
| 16 | DATES | 14,040,000 | 19 |
| 17 | AQUATIC PRODUCTS..... | 12,596,000 | 22 |
| 18 | COTTON LINT | 10,485,000 | 21 |
| 19 | TOMATOES - MARKET | 9,703,000 | 27 |
| 20 | SWEET CORN | 9,331,000 | 25 |
| 21 | LEMONS | 8,196,000 | 20 |
| 22 | ALFALFA SEED | 7,324,000 | 35 |
| 23 | BERMUDAGRASS SEED | 6,916,000 | 17 |
| 24 | SHEEP | 6,908,000 | 18 |
| 25 | CERTIFIED SEED | 6,666,000 | 24 |
| 26 | MISC. FIELD CROPS..... | 6,459,000 | 16 |
| 27 | TOTAL PASTURE..... | 6,207,000 | 23 |
| 28 | WATERMELONS..... | 6,144,000 | 26 |
| 29 | HONEYDEW & MISC. MELONS | 4,162,000 | 29 |
| 30 | MISC. CITRUS | 3,511,000 | 36 |
| 31 | TANGERINES..... | 2,569,000 | 34 |
| 32 | ONIONS | 2,550,000 | 30 |
| 33 | TOMATOES-PROCESSOR..... | 2,443,000 | 32 |
| 34 | GRAPEFRUIT | 2,365,000 | 37 |
| 35 | CABBAGE | 2,157,000 | 33 |
| 36 | MISC. SEED & NURSERY | 1,870,000 | 28 |
| 37 | BAILED STRAW | 1,717,000 | 40 |
| 38 | COTTON SEED..... | 1,539,000 | 39 |
| 39 | WOOL..... | 1,359,000 | 31 |
| 40 | POLLINATION | 1,334,000 | * |

* = NEW FOR 1995

1996



*Imperial County
Agricultural
Crop & Livestock
Report*



AGRICULTURAL

SEALER OF WEIGHTS



COMMISSIONER

AND MEASURES

STEPHEN L. BIRDSALL • COMMISSIONER • DIRECTOR
MIGUEL A. MONROY • ASSISTANT COMMISSIONER • DIRECTOR

150 SOUTH NINTH STREET • EL CENTRO, CA 92243-2850
TELEPHONE: (619) 339-4314

February 27, 1997

TO: Ann Veneman, Secretary
Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Imperial
Bill Cole, Chairman Dean A. Shores
Tom Veysey Sam Sharp
Wayne VanDeGraaff

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1996. This report is a summary of acreage, yields, and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The total agricultural production value in 1996 was \$956,521,000. This is a 5.1% percent decrease from the 1995 value. The decreases in values were posted in the vegetable and melon crops (19.2%), livestock (3.4%), fruit and nut crops (9.9%) sectors. The decreases were a result of lower pricing coupled with decreased acreage. Increases in value occurred in field crops (15.9%), seed and nursery (26.5%), and apiary products (60.8%). Higher prices and increased acreage were the principle cause of the increases in value. As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, \$211 dollars of personal income is generated to agriculturally related jobs. The whitefly continues to cause significant crop loss and economic damage. The wheat crop experienced record highs in terms of acreage, yields and prices. Those highs were greatly overshadowed by the added costs and inconveniences in harvesting and handling that were imposed by the Karnal Bunt infestation.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank Darrell Byrd and the staff that produced this report for their dedicated work.

Sincerely,

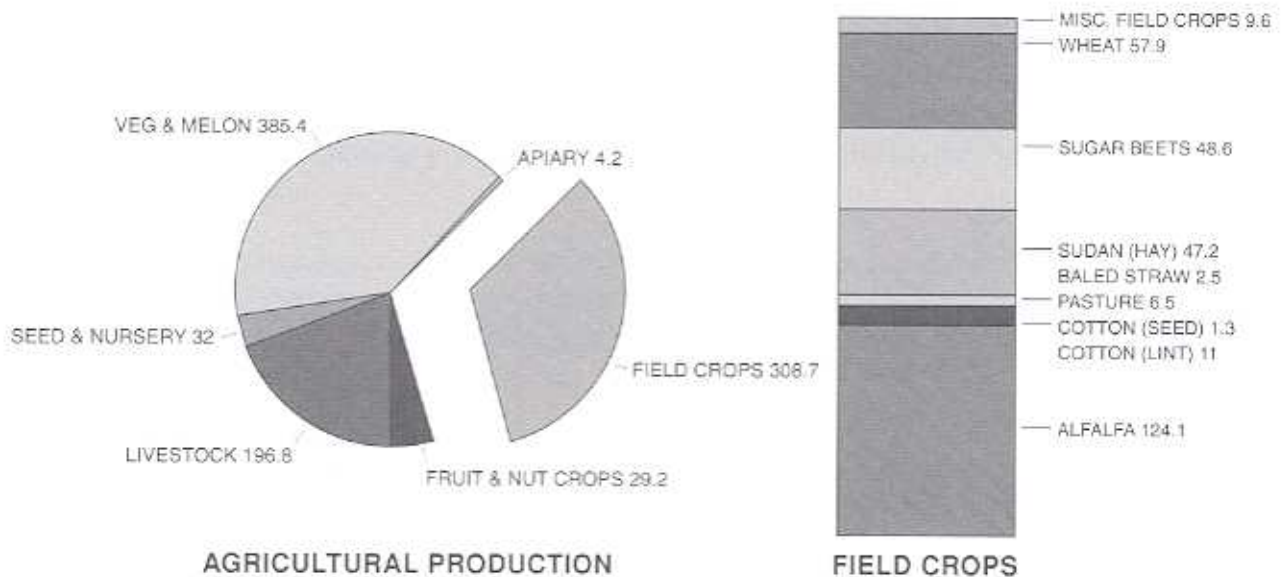
Stephen L. Birdsall
Agricultural Commissioner

LIVESTOCK

| CROP | YEAR | TOTAL HEAD | UNIT GAIN | TOTAL GAIN * | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|------|------------|-----------|--------------|------|-------------------|--------------------|
| CATTLE (Feedlot)..... Finished & Background | 1996 | 305,746 | 7.96 | 2,433,738 | CWT | 62.72 | 152,644,000 |
| | 1995 | 318,952 | 8.11 | 2,586,700 | CWT | 62.44 | 161,514,000 |
| SHEEP (FEEDERS)..... | 1996 | 209,250 | 0.52 | 109,814 | CWT | 85.50 | 9,389,000 |
| | 1995 | 225,000 | 0.42 | 94,500 | CWT | 73.10 | 6,908,000 |
| WOOL | 1996 | 211,343 | | 1,091,939 | LBS | 0.63 | 688,000 |
| | 1995 | 227,272 | | 1,105,224 | LBS | 1.23 | 1,359,000 |
| AQUATIC PRODUCTS..... (Fish & Algae) | 1996 | | | | | | 14,182,000 |
| | 1995 | | | | | | 12,596,000 |
| MISC. LIVESTOCK | 1996 | | | | | | 19,964,000 |
| | 1995 | | | | | | 21,342,000 |
| | | | | | | VALUE 1996 | 196,867,000 |
| | | | | | | VALUE 1995 | 203,719,000 |

* GAIN MAY NOT TOTAL DUE TO ROUNDING

1996 AGRICULTURAL PRODUCTION GROSS VALUE (VALUE = MILLIONS OF DOLLARS)



FIELD CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS * | UNIT | VALUE PER UNIT | GROSS VALUE |
|-----------------------------------|-------|---------|----------------|---------------|------|----------------|--------------|
| ALFALFA (Cubed & Greenchopped) | 1996 | 2,190 | 9.27 | 20,312.00 | TON | 94.03 | 1,910,000 |
| | 1995 | 6,500 | 6.36 | 41,340.00 | TON | 105.28 | 4,352,000 |
| ALFALFA HAY (Baled) | 1996 | 158,926 | 7.54 | 1,198,302.00 | TON | 101.97 | 122,191,000 |
| | 1995 | 175,901 | 7.94 | 1,396,654.00 | TON | 87.47 | 122,165,000 |
| TOTAL ALFALFA | 1996 | 161,116 | 7.56 | 1,218,614.00 | TON | 101.84 | 124,101,000 |
| | 1995 | 182,401 | 7.88 | 1,437,994.00 | TON | 87.98 | 126,517,000 |
| COTTON (Lint) | 1996 | 7,825 | 2.74 | A 21,440.50 | BALE | 511.14 | B 10,959,000 |
| | 1995 | 9,647 | 2.75 | A 26,529.25 | BALE | 395.22 | B 10,485,000 |
| COTTON (SEED) | 1996 | 7,825 | 1.03 | 8,059.75 | TON | 165.02 | 1,330,000 |
| | 1995 | 9,647 | 1.03 | 9,995.02 | TON | 154.44 | 1,539,000 |
| PASTURE CROPS | | | | | | | |
| Alfalfa | 1996 | 95,356 | # | | ACRE | 36.00 | 3,433,000 |
| | 1995 | 109,440 | # | | ACRE | 37.80 | 4,137,000 |
| Ryegrass | 1996 | 3,469 | C | | ACRE | 296.05 | 1,027,000 |
| | 1995 | 4,817 | C | | ACRE | 188.91 | 910,000 |
| Sugar Beet Tops | 1996 | 3,398 | # | | ACRE | 59.16 | 201,000 |
| | 1995 | 3,161 | # | | ACRE | 31.64 | 100,000 |
| Misc. Pasture | 1996 | 36,536 | # | | ACRE | 50.61 | 1,849,000 |
| | 1995 | 33,619 | # | | ACRE | 31.53 | 1,060,000 |
| TOTAL PASTURE | 1996 | 138,759 | | | | | 6,510,000 |
| | 1995 | 151,037 | | | | | 6,207,000 |
| BALED STRAW | 1996 | | | 73,266.00 | TON | 35.00 | 2,564,000 |
| | 1995 | | | 52,823.00 | TON | 32.50 | 1,717,000 |
| SUDANGRASS HAY | 1996 | 85,896 | 6.36 | 546,299.00 | TON | 86.33 | 47,162,000 |
| | 1995 | 77,365 | 6.50 | 502,872.50 | TON | 85.00 | 42,744,000 |
| SUGAR BEETS | 1996 | 33,980 | 34.45 | 1,170,611.00 | TON | 41.50 | 48,580,000 |
| | 1995 | 31,612 | 32.11 | 1,015,061.32 | TON | 39.58 | 40,176,000 |
| WHEAT | 1996 | 110,173 | 3.01 | 331,620.73 | TON | 174.60 | 57,901,000 |
| | 1995 | 67,117 | 2.75 | 184,571.75 | TON | 170.00 | 31,377,000 |
| MISC. FIELD CROPS | 1996 | 27,303 | | | | | 9,646,000 |
| | 1995 | 28,257 | | | | | 6,459,000 |
| TOTALS 1996 | ACRES | 429,762 | | | | VALUE | 308,753,000 |
| TOTALS 1995 | ACRES | 401,216 | | | | VALUE | 267,221,000 |

* YIELDS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD CROPS= Barley, Bermudagrass Hay, Bufflegrass, Corn Nuts, Field Corn, Kliengrass, Ryegrass, Oats, Sorghum Grain and Sorghum, Corn, Alfalfa, & Sudan-Silage.

= Pastured one time and acres are counted in other crop listing

A = 500 lb. Bales

B = Includes government payment

C = Pastured five times

VEGETABLE AND MELON CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS * | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|------|--------|----------------|---------------|-----------|----------------|-------------|
| ASPARAGUS | | | | | | | |
| Harvested | 1996 | 4,396 | 166 | 731,110 | 30 LB CTN | 38.38 | 28,060,000 |
| New Seeding | 1996 | 523 | | | | | |
| Harvested | 1995 | 4,764 | 164 | 780,968 | 30 LB CTN | 31.17 | 24,343,000 |
| BROCCOLI (Market) | | | | | | | |
| | 1996 | 7,092 | 385 | 2,726,941 | 26 LB CTN | 7.19 | 19,607,000 |
| | 1995 | 5,926 | 495 | 2,932,715 | 26 LB CTN | 9.07 | 26,600,000 |
| CABBAGE (Market) | | | | | | | |
| | 1996 | 710 | 687 | 487,612 | 45 LB CTN | 4.26 | 2,077,000 |
| | 1995 | 757 | 603 | 456,893 | 45 LB CTN | 4.72 | 2,157,000 |
| CARROTS | | | | | | | |
| Market & Processing | 1996 | 16,469 | 708 | 11,655,276 | 50 LB BAG | 5.70 | 66,435,000 |
| | 1995 | 14,959 | 820 | 12,266,380 | 50 LB BAG | 8.67 | 106,350,000 |
| Culls & Feed | 1996 | | 6.13 | 100,955 | TON | 3.25 | 328,000 |
| | 1995 | | 6.20 | 92,746 | TON | 5.50 | 510,000 |
| TOTAL CARROTS | 1996 | 16,469 | | | | | 66,763,000 |
| | 1995 | 14,959 | | | | | 106,860,000 |
| CAULIFLOWER (Market) | | | | | | | |
| | 1996 | 3,710 | 519 | 1,924,251 | 23 LB CTN | 7.73 | 14,874,000 |
| | 1995 | 3,237 | 520 | 1,684,456 | 23 LB CTN | 8.67 | 14,604,000 |
| SWEET CORN | | | | | | | |
| Fall & Spring | 1996 | 4,397 | 320 | 1,409,200 | 50 LB CTN | 8.26 | 11,640,000 |
| | 1995 | 3,896 | 299 | 1,166,415 | 50 LB CTN | 8.00 | 9,331,000 |
| HEAD LETTUCE | | | | | | | |
| Naked Pack | 1996 | 12,156 | 453 | 5,509,634 | 50 LB CTN | 5.38 | 29,663,000 |
| | 1995 | 13,484 | 510 | 6,877,107 | 50 LB CTN | 6.93 | 47,658,000 |
| Wrap Pack | 1996 | 9,945 | 506 | 5,035,114 | 40 LB CTN | 7.30 | 36,773,000 |
| | 1995 | 8,748 | 576 | 5,040,952 | 40 LB CTN | 8.72 | 43,957,000 |
| Salad Products and Trim & Cored | 1996 | | | | | | 11,563,000 |
| | 1995 | | | | | | 17,458,000 |
| TOTAL HEAD LETTUCE | 1996 | 22,101 | | | | | 77,999,000 |
| | 1995 | 22,232 | | | | | 109,073,000 |
| LEAF LETTUCE | | | | | | | |
| | 1996 | 6,944 | 735 | 5,103,848 | 35 LB CTN | 5.60 | 28,563,000 |
| | 1995 | 6,144 | 844 | 5,188,447 | 35 LB CTN | 10.31 | 53,493,000 |
| POTATOES | | | | | | | |
| | 1996 | 1,955 | 273 | 534,556 | CWT | 16.39 | 8,762,000 |
| | 1995 | MISC. | | | | | |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

VEGETABLE AND MELON CROPS

(Continued)

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS * | UNIT | VALUE PER UNIT | GROSS VALUE |
|------------------------------------|-------|---------|----------------|---------------|------------|----------------|-------------|
| ONIONS | | | | | | | |
| Market | 1996 | 4,720 | 511 | 2,412,530 | 50 LB SACK | 4.15 | 10,012,000 |
| | 1995 | 4,333 | 1,061 | 4,596,236 | 50 LB SACK | 6.09 | 27,991,000 |
| Processor | 1996 | 7,259 | 17.47 | 126,815 | TON | 85.29 | 10,816,000 |
| | 1995 | 6,925 | 19.26 | 133,375 | TON | 80.45 | 10,730,000 |
| TOTAL ONIONS | 1996 | 11,979 | | | | | 20,828,000 |
| | 1995 | 11,258 | | | | | 38,721,000 |
| TOMATOES | | | | | | | |
| Market | 1996 | 1,214 | 1,833 | 2,225,262 | 25 LB CTN | 5.57 | 12,395,000 |
| | 1995 | 808 | 1,689 | 1,364,712 | 25 LB CTN | 7.11 | 9,703,000 |
| Processor | 1996 | 808 | 42.33 | 34,203 | TON | 54.67 | 1,870,000 |
| | 1995 | 1,028 | 44.10 | 45,332 | TON | 53.89 | 2,443,000 |
| TOTAL TOMATOES | 1996 | 2,022 | | | | | 14,265,000 |
| | 1995 | 1,836 | | | | | 12,146,000 |
| MISC. VEGETABLES | 1996 | 5,860 | | | | | 24,764,000 |
| | 1995 | 5,694 | | | | | 23,739,000 |
| CANTALOUPE | | | | | | | |
| Spring | 1996 | 15,137 | 436 | 6,606,415 | 40 LB CTN | 6.91 | 45,650,000 |
| | 1995 | 14,473 | 366 | 5,297,118 | 40 LB CTN | 8.40 | 44,496,000 |
| Fall | 1996 | 1,598 | 219 | 350,183 | 40 LB CTN | 10.83 | 3,792,000 |
| | 1995 | 455 | 413 | 187,929 | 40 LB CTN | 7.75 | 1,456,000 |
| TOTAL CANTALOUPE | 1996 | 16,735 | 416 | 6,956,598 | 40 LB CTN | 7.10 | 49,442,000 |
| | 1995 | 14,928 | 367 | 5,485,047 | 40 LB CTN | 8.38 | 45,952,000 |
| HONEYDEW & MISC. MELONS | | | | | | | |
| Spring and Fall | 1996 | 1,820 | 761 | 1,385,626 | 40 LB CTN | 5.23 | 7,240,000 |
| | 1995 | 1,770 | 367 | 650,386 | 40 LB CTN | 6.40 | 4,162,000 |
| WATERMELONS | | | | | | | |
| ..... | 1996 | 2,858 | 16.14 | 46,129 | TON | 228.14 | 10,524,000 |
| | 1995 | 2,619 | 9.98 | 26,140 | TON | 235.04 | 6,144,000 |
| TOTALS 1996 | ACRES | 109,048 | | | | VALUE | 385,408,000 |
| TOTALS 1995 | ACRES | 100,020 | | | | VALUE | 477,325,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. VEGETABLES = Artichokes, Beans, Beets, Celery, Chinese Vegetables, Cilantro, Collards, Cucumbers, Eggplant, Endive, Garlic, Kale, Mustard Greens, Okra, Green Onions, Parsley, Parsnips, Peppers, Radishes, Rappini, Rutabagas, Spinach, Squash, Swiss Chard, Turnips and Water Lilies.

FRUIT AND NUT CROPS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS * | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|-------|-------|----------------------|---------------|------|----------------------|----------------|
| DATES | | | | | | | |
| Harvested | 1996 | 752 | 3.60 | 2,707.20 | TON | 4,900.00 | 13,265,000 |
| Non-Bearing | 1996 | 182 | | | | | |
| Harvested | 1995 | 652 | 4.14 | 2,699.28 | TON | 5,201.39 | 14,040,000 |
| GRAPEFRUIT | | | | | | | |
| Harvested | 1996 | 754 | 7.58 | 5,715.32 | TON | 364.28 | 2,082,000 |
| Non-Bearing | 1996 | 155 | | | | | |
| Harvested | 1995 | 849 | 14.50 | 12,310.50 | TON | 192.11 | 2,365,000 |
| LEMONS | | | | | | | |
| Harvested | 1996 | 1,736 | 9.09 | 15,780.24 | TON | 560.03 | 8,837,000 |
| Non-Bearing | 1996 | 876 | | | | | |
| Harvested | 1995 | 1,556 | 9.66 | 15,030.96 | TON | 545.27 | 8,196,000 |
| ORANGES (Navel & Valencia) | | | | | | | |
| Harvested | 1996 | 599 | 3.31 | 1,982.69 | TON | 448.42 | 889,000 |
| Non-Bearing | 1996 | 75 | | | | | |
| Harvested | 1995 | 585 | 3.80 | 2,223.00 | TON | 447.14 | 994,000 |
| TANGERINES | | | | | | | |
| Harvested | 1996 | 630 | 5.94 | 3,742.20 | TON | 508.00 | 1,901,000 |
| Non-Bearing | 1996 | 40 | | | | | |
| Harvested | 1995 | 544 | 9.84 | 5,352.96 | TON | 479.92 | 2,569,000 |
| MISC. CITRUS, FRUIT & NUT CROPS | | | | | | | |
| Harvested | 1996 | 444 | 4.66 | 2,156.50 | TON | 850.45 | 1,834,000 |
| Non-Bearing | 1996 | 50 | | | | | |
| Harvested | 1995 | 498 | 8.66 | 4,310.62 | TON | 814.50 | 3,511,000 |
| CITRUS BY-PRODUCTS | | | | | | | |
| | 1996 | | | 9,472.98 | TON | 43.52 | 412,000 |
| | 1995 | | | 13,742.00 | TON | 55.01 | 756,000 |
| TOTALS 1996 | | | | | | VALUE | 29,220,000 |
| TOTALS 1995 | | | | | | VALUE | 32,431,000 |
| | ACRES | 4,915 | | | | | |
| | ACRES | 4,684 | | | | | |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. CITRUS = Limes, Tangelos, and Temples

FRUIT & NUT CROPS = Grapes, Mangos, and Pecans

SEED CROPS AND NURSERY PRODUCTS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS * | UNIT | VALUE PER UNIT | GROSS VALUE |
|---|-------|--------|----------------|---------------|-------|----------------|-------------|
| ALFALFA SEED | 1996 | 13,238 | 435 | 5,758,530 | LBS | 1.25 | 7,198,000 |
| | 1995 | 13,423 | 440 | 5,906,120 | LBS | 1.24 | 7,324,000 |
| BERMUDAGRASS SEED | 1996 | 22,636 | 280 | 6,338,080 | LBS | 1.10 | 6,972,000 |
| | 1995 | 17,854 | 269 | 4,802,726 | LBS | 1.44 | 6,916,000 |
| ONION SEED | 1996 | 1,882 | 391 | 735,862 | LBS | 5.00 | 3,679,000 |
| | 1995 | 1,317 | 326 | 429,342 | LBS | 5.94 | 2,550,000 |
| MISC. FIELD, VEGETABLE, & FLOWER SEED CROPS; & NURSERY PRODUCTS | 1996 | 1,066 | | | | | 2,021,000 |
| | 1995 | 1,878 | | | | | 1,870,000 |
| CERTIFIED SEED | 1996 | 15,229 | | | | | 12,171,000 |
| | 1995 | 9,930 | | | | | 6,666,000 |
| TOTALS 1996 | ACRES | 54,051 | | | VALUE | | 32,041,000 |
| TOTALS 1995 | ACRES | 44,402 | | | VALUE | | 25,326,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD, VEGETABLE, AND FLOWER SEED CROPS = Artichoke, Broccoli, Carrot, Cauliflower, Flax, Flowers, Herbs, Lettuce, Okra, Radish, Rape, Rappini, Sesbania, Sudangrass, Sunflower, Watermelon, and Grains.

CERTIFIED SEED = Alfalfa, Artichoke, Bermudagrass, Flax, Oats, Rape, Sudangrass, and Wheat.

APIARY PRODUCTS

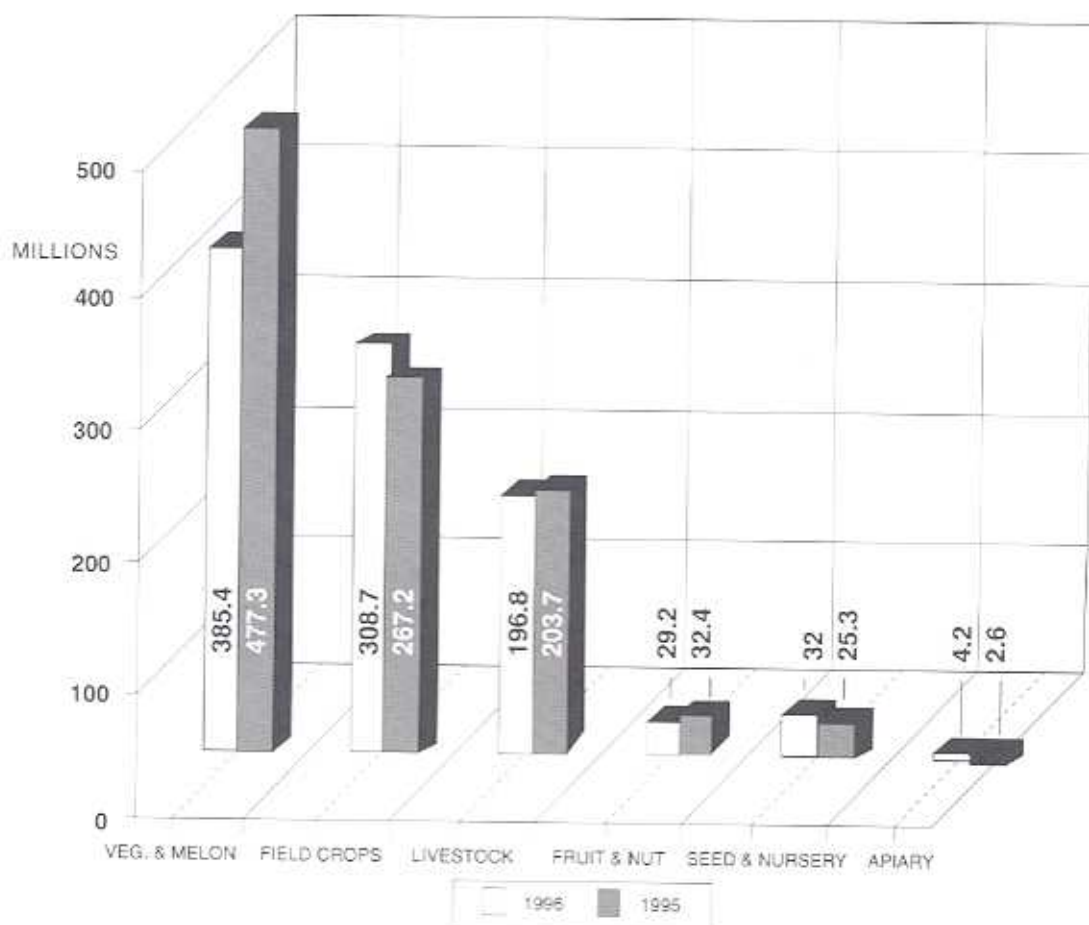
| | YEAR | TOTAL HIVES | YIELD PER HIVE | TOTAL UNITS * | UNIT | VALUE PER UNIT | GROSS VALUE |
|-------------------|------|-------------|----------------|---------------|------------|----------------|-------------|
| HONEY | 1996 | 44,117 | 72.29 | 3,189,156.63 | LBS | 0.83 | 2,647,000 |
| | 1995 | 34,480 | 53.83 | 1,856,058.00 | LBS | 0.65 | 1,206,000 |
| WAX | 1996 | 44,317 | 1.41 | 62,404.00 | LBS | 2.25 | 140,000 |
| | 1995 | 34,480 | 1.21 | 41,720.00 | LBS | 2.18 | 91,000 |
| POLLINATION | 1996 | 67,925 | | | COL | 21.27 | 1,445,000 |
| | 1995 | 69,745 | | | COL | 19.13 | 1,334,000 |
| | | | | | VALUE 1996 | | 4,232,000 |
| | | | | | VALUE 1995 | | 2,631,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

1996 SUMMARY

| COMMODITY | YEAR | HARVESTED ACREAGE | VALUE |
|----------------------------|------|----------------------|---------------|
| VEGETABLE & MELON CROPS | 1996 | 109,048 | 385,408,000 |
| | 1995 | 100,020 | 477,325,000 |
| FIELD CROPS | 1996 | 429,762 | 308,753,000 |
| | 1995 | 401,216 | 267,221,000 |
| LIVESTOCK | 1996 | | 196,867,000 |
| | 1995 | | 203,719,000 |
| FRUIT & NUT CROPS | 1996 | 4,915 | 29,220,000 |
| | 1995 | 4,684 | 32,431,000 |
| SEED & NURSERY CROPS | 1996 | 54,051 | 32,041,000 |
| | 1995 | 44,402 | 25,326,000 |
| APIARY PRODUCTS | 1996 | | 4,232,000 |
| | 1995 | | 2,631,000 |
| TOTALS | 1996 | 597,776 | 956,521,000 |
| TOTALS | 1995 | 550,322 | 1,008,653,000 |

GROSS VALUE
1996-1995 COMPARISON
(VALUE = MILLIONS OF DOLLARS)



TOP FORTY CROPS

| 1996 RANKING | | | 1995 RANKING |
|-----------------|-------------------------------|----------------|-----------------|
| 1 | CATTLE | \$ 152,644,000 | 1 |
| 2 | ALFALFA | 124,101,000 | 2 |
| 3 | LETTUCE | 77,999,000 | 3 |
| 4 | CARROTS | 66,763,000 | 4 |
| 5 | WHEAT | 57,901,000 | 10 |
| 6 | CANTALOUPE | 49,442,000 | 6 |
| 7 | SUGARBEETS | 48,580,000 | 8 |
| 8 | SUDANGRASS HAY | 47,162,000 | 7 |
| 9 | LEAF LETTUCE | 28,563,000 | 5 |
| 10 | ASPARAGUS | 28,060,000 | 12 |
| 11 | MISC. VEGETABLES | 24,764,000 | 13 |
| 12 | ONIONS | 20,828,000 | 9 |
| 13 | MISC. LIVESTOCK | 19,964,000 | 14 |
| 14 | BROCCOLI | 19,807,000 | 11 |
| 15 | CAULIFLOWER | 14,874,000 | 15 |
| 16 | AQUATIC PRODUCTS | 14,182,000 | 17 |
| 17 | DATES | 13,265,000 | 16 |
| 18 | TOMATOES-MARKET | 12,395,000 | 19 |
| 19 | CERTIFIED SEED | 12,171,000 | 25 |
| 20 | SWEET CORN | 11,840,000 | 20 |
| 21 | COTTON LINT | 10,959,000 | 18 |
| 22 | WATERMELONS | 10,524,000 | 28 |
| 23 | MISC. FIELD CROPS | 9,645,000 | 26 |
| 24 | SHEEP | 9,389,000 | 24 |
| 25 | LEMONS | 8,837,000 | 21 |
| 26 | POTATOES | 8,762,000 | * |
| 27 | HONEYDEW & MISC. MELONS | 7,240,000 | 29 |
| 28 | ALFALFA SEED | 7,198,000 | 22 |
| 29 | BERMUDAGRASS SEED | 6,972,000 | 23 |
| 30 | TOTAL PASTURE | 6,510,000 | 27 |
| 31 | ONION SEED | 3,679,000 | 32 |
| 32 | HONEY | 2,647,000 | 39 |
| 33 | BAILED STRAW | 2,564,000 | 37 |
| 34 | GRAPEFRUIT | 2,082,000 | 34 |
| 35 | CABBAGE | 2,077,000 | 35 |
| 36 | MISC. SEED & NURSERY | 2,021,000 | 36 |
| 37 | TANGERINES | 1,901,000 | 31 |
| 38 | TOMATOES-PROCESSOR | 1,870,000 | 33 |
| 39 | MISC. CITRUS | 1,834,000 | 30 |
| 40 | COTTON SEED | 1,330,000 | 38 |

* = NEW FOR 1996

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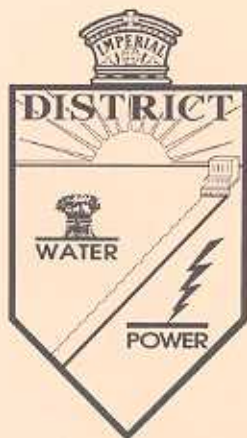
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IMPERIAL COUNTY
AGRICULTURAL
CROP & LIVESTOCK
REPORT



Stephen L. Birdsall
Agricultural Commissioner
Director of Weights and Measures

Miguel A. Monroy
Assistant Agricultural Commissioner
Director of Weights and Measures



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March 17, 1998

TO: Ann Veneman, Secretary
Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Imperial
Wayne VanDeGraaff, Chairman
Bill Cole Dean A. Shores
Tom Veysey Sam Sharp

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1997. This report is a summary of acreage, yields, and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The total agricultural production value in 1997 was \$1,039,928,000. This is a 10.0 percent increase from the 1996 value. The increases in values were posted in the vegetable and melon crops (11.7%), livestock (6.8%), field crops (7.3%) and, seed and nursery (55.3%). The increases were a result of higher pricing mostly in hay, seed and vegetable crops, coupled with some increased acreage. Decreases in value occurred in citrus crops (3.2%), and apiary products (26%). The decreases were due to lower prices. As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, \$209 dollars of personal income is generated to agriculturally related jobs. The cotton and wheat crops posted record high yields in 1997. Whitefly continues to cause significant crop loss and economic damage.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank the staff that produced this report for their dedicated work.

Sincerely,

Stephen L. Birdsall
Agricultural Commissioner

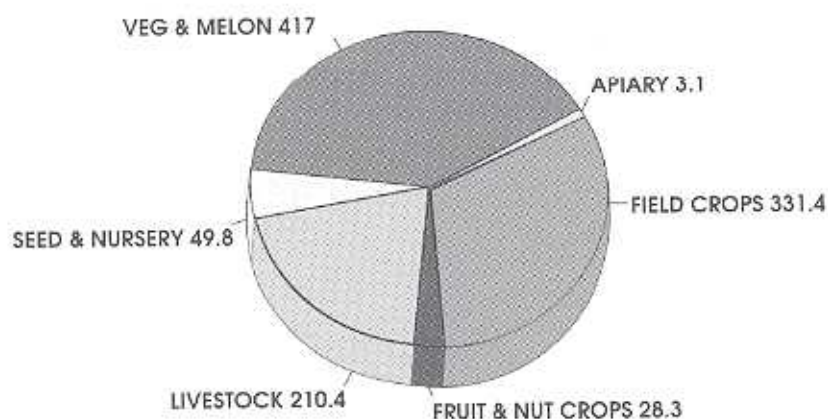
LIVESTOCK

| CROP | YEAR | TOTAL HEAD | UNIT GAIN | TOTAL GAIN* | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|------|------------|-----------|-------------|------|----------------|-------------|
| CATTLE (Feedlot)..... Finished & Background | 1997 | 328,494 | 7.86 | 2,581,963 | CWT | 63.05 | 162,796,000 |
| | 1996 | 305,746 | 7.96 | 2,433,738 | CWT | 62.72 | 152,644,000 |
| SHEEP (Feeders)..... | 1997 | 230,000 | 0.48 | 110,400 | CWT | 97.60 | 10,775,000 |
| | 1996 | 209,250 | 0.52 | 109,814 | CWT | 85.50 | 9,389,000 |
| WOOL..... | 1997 | 239,200 | | 1,021,384 | LBS | 0.67 | 684,000 |
| | 1996 | 211,343 | | 1,091,939 | LBS | 0.63 | 688,000 |
| AQUATIC PRODUCTS..... (Fish & Algae) | 1997 | | | | | | 11,769,000 |
| | 1996 | | | | | | 14,182,000 |
| MISC. LIVESTOCK..... (Dairy, Dairy Heifers, Swine, Goats, Rabbits & Poultry) | 1997 | | | | | | 24,335,000 |
| | 1996 | | | | | | 19,964,000 |
| | | | | | | VALUE 1997 | 210,359,000 |
| | | | | | | VALUE 1996 | 196,867,000 |

* GAIN MAY NOT TOTAL DUE TO ROUNDING

1997 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)



AGRICULTURAL PRODUCTION

FIELD CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|----------------------------------|-------|---------|----------------|--------------|------|----------------|--------------|
| ALFALFA (Pellets & Greenchopped) | 1997 | 2,400 | 3.94 | 9,450.00 | TON | 120.00 | 1,134,000 |
| | 1996 | 2,190 | 9.27 | 20,312.00 | TON | 94.03 | 1,910,000 |
| ALFALFA HAY (Baled) | 1997 | 165,922 | 7.56 | 1,254,370.32 | TON | 117.91 | 147,903,000 |
| | 1996 | 158,926 | 7.54 | 1,198,302.00 | TON | 101.97 | 122,191,000 |
| TOTAL ALFALFA | 1997 | 168,322 | 7.52 | 1,265,820.32 | TON | 117.74 | 149,037,000 |
| | 1996 | 161,116 | 7.56 | 1,218,614.00 | TON | 101.84 | 124,101,000 |
| COTTON (Lint) | 1997 | 6,734 | 3.50 | A 23,573.14 | BALE | 462.94 | B 10,913,000 |
| | 1996 | 7,825 | 2.74 | A 21,440.50 | BALE | 511.14 | B 10,959,000 |
| COTTON (Seed) | 1997 | 6,734 | 1.31 | 8,839.93 | TON | 168.00 | 1,485,000 |
| | 1996 | 7,825 | 1.03 | 8,059.75 | TON | 165.02 | 1,330,000 |
| PASTURE CROPS | | | | | | | |
| Alfalfa | 1997 | 99,530 | # | | ACRE | 36.00 | 3,583,000 |
| | 1996 | 95,356 | # | | ACRE | 36.00 | 3,433,000 |
| Ryegrass | 1997 | 3,680 | C | | ACRE | 296.00 | 1,089,000 |
| | 1996 | 3,469 | C | | ACRE | 296.05 | 1,027,000 |
| Sugar Beet Tops | 1997 | 3,773 | # | | ACRE | 59.20 | 223,000 |
| | 1996 | 3,398 | # | | ACRE | 59.16 | 201,000 |
| Misc. Pasture | 1997 | 31,967 | # | | ACRE | 51.26 | 1,639,000 |
| | 1996 | 36,536 | # | | ACRE | 50.61 | 1,849,000 |
| TOTAL PASTURE | 1997 | 138,950 | | | | | 6,534,000 |
| | 1996 | 138,759 | | | | | 6,510,000 |
| BALED STRAW | 1997 | | | 59,503.34 | TON | 38.00 | 2,261,000 |
| | 1996 | | | 73,266.00 | TON | 35.00 | 2,564,000 |
| SUDANGRASS HAY | 1997 | 87,562 | 5.56 | 486,844.72 | TON | 98.77 | 48,086,000 |
| | 1996 | 85,896 | 6.36 | 546,299.00 | TON | 86.33 | 47,162,000 |
| SUGAR BEETS | 1997 | 37,731 | 34.61 | 1,305,869.91 | TON | 41.65 | 54,389,000 |
| | 1996 | 33,980 | 34.45 | 1,170,611.00 | TON | 41.50 | 48,580,000 |
| WHEAT | 1997 | 93,431 | 3.22 | 300,847.82 | TON | 152.51 | 45,882,000 |
| | 1996 | 110,173 | 3.01 | 331,620.73 | TON | 174.60 | 57,901,000 |
| MISC. FIELD CROPS | 1997 | 25,893 | | | | | 12,802,000 |
| | 1996 | 27,303 | | | | | 9,646,000 |
| TOTALS 1997 | ACRES | 423,353 | | | | VALUE | 331,389,000 |
| TOTALS 1996 | ACRES | 429,762 | | | | VALUE | 308,753,000 |

* YIELDS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD CROPS = Barley, Bermudagrass Hay, Buffleggrass, Corn Nuts, Field Corn, Kliengrass, Ryegrass, Oats, Sorghum Grain and Sorghum, Corn, Alfalfa and Sudan Silage.

= Pastured one time and acres are counted in other crop listings

A = 500 lb. Bales

B = Includes Government Payment

C = Pastured Five Times

VEGETABLE AND MELON CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|-----------------------------------|------|--------|----------------------|--------------|-----------|----------------------|----------------|
| ASPARAGUS | | | | | | | |
| Harvested | 1997 | 4,900 | 132 | 644,698 | 30 LB CTN | 35.22 | 22,706,000 |
| New Seeding | 1997 | 681 | | | | | |
| Harvested | 1996 | 4,396 | 166 | 731,110 | 30 LB CTN | 38.38 | 28,060,000 |
| BROCCOLI (Market) | | | | | | | |
| | 1997 | 7,613 | 522 | 3,971,810 | 26 LB CTN | 9.02 | 35,826,000 |
| | 1996 | 7,092 | 385 | 2,726,941 | 26 LB CTN | 7.19 | 19,607,000 |
| CABBAGE (Market) | | | | | | | |
| | 1997 | 1,120 | 628 | 703,841 | 45 LB CTN | 4.44 | 3,125,000 |
| | 1996 | 710 | 687 | 487,612 | 45 LB CTN | 4.26 | 2,077,000 |
| CARROTS | | | | | | | |
| Market | 1997 | 6,560 | 777 | 5,095,288 | 50 LB BAG | 6.90 | 35,157,000 |
| Revised | 1996 | 6,588 | 708 | 4,664,304 | 50 LB BAG | 5.70 | 26,587,000 |
| Processing & Other | 1997 | 9,454 | 33.90 | 320,491 | TON | 85.32 | 27,344,000 |
| Revised | 1996 | 9,881 | 33.90 | 334,966 | TON | 85.32 | 28,579,000 |
| TOTAL CARROTS | | | | | | | |
| Revised | 1997 | 16,014 | | | | | 62,501,000 |
| | 1996 | 16,469 | | | | | 55,166,000 |
| CAULIFLOWER (Market) | | | | | | | |
| | 1997 | 3,461 | 572 | 1,980,312 | 23 LB CTN | 7.22 | 14,298,000 |
| | 1996 | 3,710 | 519 | 1,924,251 | 23 LB CTN | 7.73 | 14,874,000 |
| SWEET CORN | | | | | | | |
| Fall & Spring | 1997 | 4,556 | 308 | 1,403,093 | 50 LB CTN | 7.98 | 11,197,000 |
| | 1996 | 4,397 | 320 | 1,409,200 | 50 LB CTN | 8.26 | 11,640,000 |
| HEAD LETTUCE | | | | | | | |
| Naked Pack & Bulk | 1997 | 12,056 | 540 | 6,508,684 | 50 LB CTN | 4.93 | 32,088,000 |
| | 1996 | 12,156 | 453 | 5,509,634 | 50 LB CTN | 5.38 | 29,663,000 |
| Wrap Pack | 1997 | 9,864 | 533 | 5,255,026 | 40 LB CTN | 6.87 | 36,102,000 |
| | 1996 | 9,945 | 506 | 5,035,114 | 40 LB CTN | 7.30 | 36,773,000 |
| Salad Products | 1997 | | | | | | 13,793,000 |
| | 1996 | | | | | | 11,563,000 |
| TOTAL HEAD LETTUCE.... | | | | | | | |
| | 1997 | 21,920 | | | | | 81,983,000 |
| | 1996 | 22,101 | | | | | 77,999,000 |
| LEAF LETTUCE | | | | | | | |
| | 1997 | 8,460 | 854 | 7,224,840 | 35 LB CTN | 7.28 | 52,597,000 |
| | 1996 | 6,944 | 735 | 5,103,848 | 35 LB CTN | 5.60 | 28,563,000 |
| POTATOES | | | | | | | |
| | 1997 | 2,784 | 262 | 729,408 | CWT | 14.93 | 10,890,000 |
| | 1996 | 1,955 | 273 | 534,556 | CWT | 16.39 | 8,762,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

VEGETABLE AND MELON CROPS

(continued)

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|------------------------------------|--------------|---------|----------------------|--------------|------------|----------------------|----------------|
| ONIONS | | | | | | | |
| Market | 1997 | 4,979 | 908 | 4,520,578 | 50 LB SACK | 4.91 | 22,196,000 |
| | 1996 | 4,720 | 511 | 2,412,530 | 50 LB SACK | 4.15 | 10,012,000 |
| Processor | 1997 | 5,350 | 19.09 | 102,416 | TON | 86.28 | 8,836,000 |
| | 1996 | 7,259 | 17.47 | 126,815 | TON | 85.29 | 10,816,000 |
| TOTAL ONIONS..... | 1997 | 10,329 | | | | | 31,032,000 |
| | 1996 | 11,979 | | | | | 20,828,000 |
| TOMATOES | | | | | | | |
| Market | 1997 | 652 | 1,342 | 874,984 | 25 LB CTN | 5.77 | 5,049,000 |
| | 1996 | 1,214 | 1,833 | 2,225,262 | 25 LB CTN | 5.57 | 12,395,000 |
| Processor | 1997 | Misc. | | | | | |
| | 1996 | 808 | 42.33 | 34,203 | TON | 54.67 | 1,870,000 |
| TOTAL TOMATOES..... | 1997 | 652 | | | | | 5,049,000 |
| | 1996 | 2,022 | | | | | 14,265,000 |
| MISC. VEGETABLES..... | 1997 | 5,768 | | | | | 23,210,000 |
| | 1996 | 5,860 | | | | | 24,764,000 |
| CANTALOUPE | | | | | | | |
| Spring | 1997 | 13,605 | 434 | 5,899,795 | 40 LB CTN | 6.73 | 39,706,000 |
| | 1996 | 15,137 | 436 | 6,606,415 | 40 LB CTN | 6.91 | 45,650,000 |
| Fall..... | 1997 | 2,619 | 237 | 620,368 | 40 LB CTN | 8.32 | 5,161,000 |
| | 1996 | 1,598 | 219 | 350,183 | 40 LB CTN | 10.83 | 3,792,000 |
| TOTAL CANTALOUPE.... | 1997 | 16,224 | 402 | 6,520,163 | 40 LB CTN | 6.88 | 44,867,000 |
| | 1996 | 16,735 | 416 | 6,956,598 | 40 LB CTN | 7.11 | 49,442,000 |
| HONEYDEW & MISC. MELONS | | | | | | | |
| Spring and Fall | 1997 | 1,793 | 576 | 1,032,380 | 40 LB CTN | 6.30 | 6,504,000 |
| | 1996 | 1,820 | 761 | 1,385,626 | 40 LB CTN | 5.23 | 7,240,000 |
| WATERMELONS..... | 1997 | 2,114 | 24.38 | 51,530 | TON | 216.72 | 11,168,000 |
| | 1996 | 2,858 | 16.14 | 46,129 | TON | 228.14 | 10,524,000 |
| TOTALS 1997..... | ACRES | 107,708 | | | | VALUE | 416,953,000 |
| TOTALS 1996..... | ACRES | 109,048 | | Revised | | VALUE | 373,811,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. VEGETABLES = Artichokes, Beans, Beets, Celery, Chinese Vegetables, Cilantro, Collards, Cucumbers, Eggplant, Endive, Garlic, Kale, Mustard Greens, Misc. Organics, Okra, Green Onions, Parsley, Parsnips, Peppers, Processor Tomatoes, Radishes, Rappini, Rutabagas, Spinach, Squash, Swiss Chard, Turnips and Water Lilies.

FRUIT AND NUT CROPS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|------|--------------|----------------------|--------------|------|----------------------|----------------|
| DATES | | | | | | | |
| Harvested | 1997 | 803 | 3.30 | 2,649.90 | TON | 4,420.00 | 11,713,000 |
| Non-Bearing | 1997 | 177 | | | | | |
| Harvested | 1996 | 752 | 3.60 | 2,707.20 | TON | 4,900.00 | 13,265,000 |
| GRAPEFRUIT | | | | | | | |
| Harvested | 1997 | 816 | 14.58 | 11,897.28 | TON | 399.99 | 4,759,000 |
| Non-Bearing | 1997 | 235 | | | | | |
| Harvested | 1996 | 754 | 7.58 | 5,715.32 | TON | 364.28 | 2,082,000 |
| LEMONS | | | | | | | |
| Harvested | 1997 | 1,635 | 6.99 | 11,428.65 | TON | 632.61 | 7,230,000 |
| Non-Bearing | 1997 | 857 | | | | | |
| Harvested | 1996 | 1,736 | 9.09 | 15,780.24 | TON | 560.03 | 8,837,000 |
| ORANGES (NAVEL & VALENCIA) | | | | | | | |
| Harvested | 1997 | 581 | 0.96 | 557.76 | TON | 497.35 | 277,000 |
| Non-Bearing | 1997 | 41 | | | | | |
| Harvested | 1996 | 599 | 3.31 | 1,982.69 | TON | 448.42 | 889,000 |
| TANGERINES | | | | | | | |
| Harvested | 1997 | 454 | 5.11 | 2,319.94 | TON | 503.20 | 1,167,000 |
| Non-Bearing | 1997 | 0 | | | | | |
| Harvested | 1996 | 630 | 5.94 | 3,742.20 | TON | 508.00 | 1,901,000 |
| MISC. CITRUS, FRUIT & NUT CROPS | | | | | | | |
| Harvested | 1997 | 450 | 8.31 | 3,739.50 | TON | 714.19 | 2,671,000 |
| Non-Bearing | 1997 | 89 | | | | | |
| Harvested | 1996 | 444 | 4.86 | 2,156.50 | TON | 850.45 | 1,834,000 |
| CITRUS BY-PRODUCTS | | | | | | | |
| | 1997 | | | 13,752.10 | TON | 36.86 | 507,000 |
| | 1996 | | | 9,472.98 | TON | 43.52 | 412,000 |
| TOTALS 1997 | | ACRES | 4,739 | | | VALUE | 28,324,000 |
| TOTALS 1996 | | ACRES | 4,915 | | | VALUE | 29,220,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING
 MISC. CITRUS = Tangelos and Sour Orange
 FRUIT & NUT CROPS = Grapes and Mangos

SEED CROPS AND NURSERY PRODUCTS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|---|-------|--------|----------------------|--------------|------|----------------------|----------------|
| ALFALFA SEED | 1997 | 11,739 | 530 | 6,221,670 | LBS | 1.61 | 10,017,000 |
| | 1996 | 13,238 | 435 | 5,758,530 | LBS | 1.25 | 7,198,000 |
| BERMUDAGRASS SEED | 1997 | 18,710 | 589 | 11,020,190 | LBS | 1.62 | 17,853,000 |
| | 1996 | 22,636 | 280 | 6,338,080 | LBS | 1.10 | 6,972,000 |
| ONION SEED | 1997 | 3,573 | 514 | 1,836,522 | LBS | 5.44 | 9,991,000 |
| | 1996 | 1,882 | 391 | 735,862 | LBS | 5.00 | 3,679,000 |
| MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS | 1997 | 1,038 | | | | | 1,882,000 |
| | 1996 | 1,066 | | | | | 2,021,000 |
| CERTIFIED SEED | 1997 | 9,372 | | | | | 10,031,000 |
| | 1996 | 15,229 | | | | | 12,171,000 |
| TOTALS 1997 | ACRES | 44,432 | | | | VALUE | 49,774,000 |
| TOTALS 1996 | ACRES | 54,051 | | | | VALUE | 32,041,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD, VEGETABLE AND

FLOWER SEED CROPS = Artichoke, Broccoli, Carrots, Cauliflower, Flax, Flowers, Herbs, Lettuce, Okra, Radish, Rape, Rappini, Sudangrass, Sunflower and Grains.

CERTIFIED SEED = Alfalfa, Artichoke, Bermudagrass, Flax, Oats, Rape, Sudangrass and Wheat.

APIARY PRODUCTS

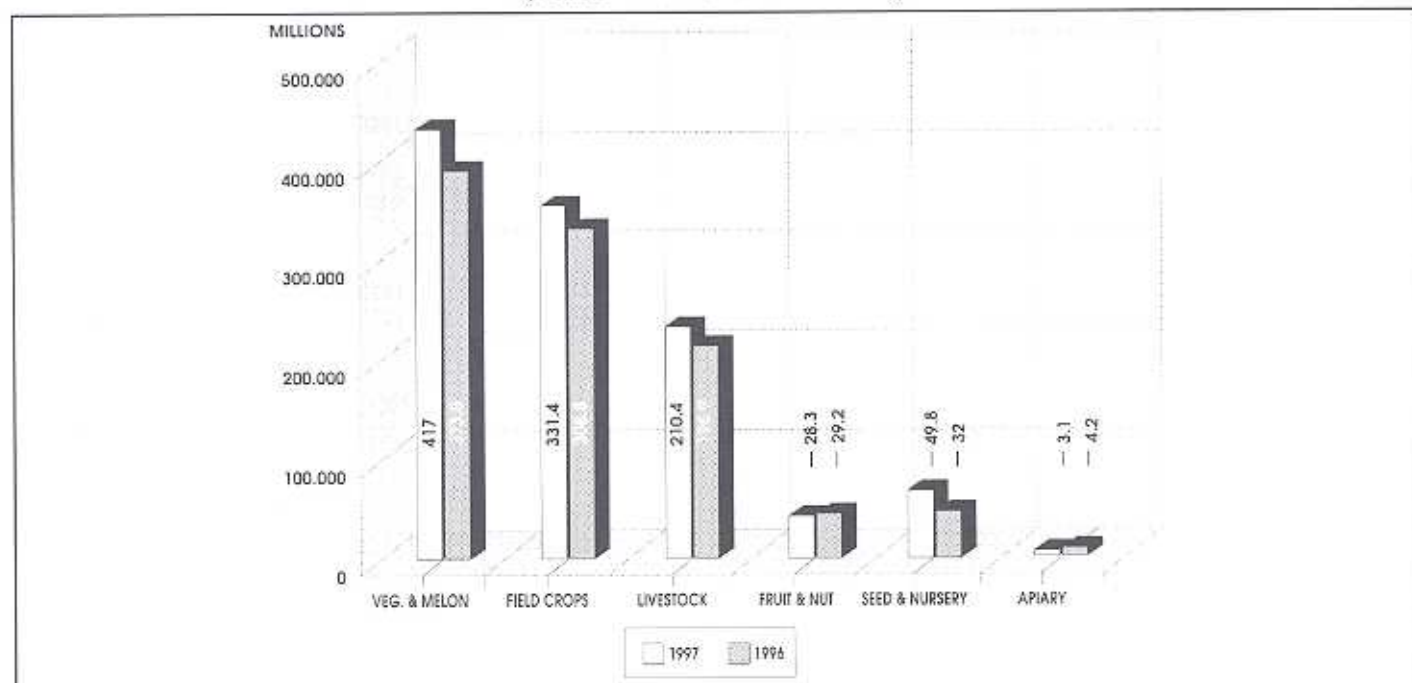
| | YEAR | TOTAL HIVES | YIELD PER HIVE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|-------------------|------|----------------|----------------------|--------------|------|----------------------|----------------|
| HONEY | 1997 | 46,228 | 58.20 | 2,690,672.16 | LBS | 0.61 | 1,634,000 |
| | 1996 | 44,117 | 72.29 | 3,189,156.63 | LBS | 0.83 | 2,647,000 |
| WAX | 1997 | 52,228 | 1.17 | 60,920.92 | LBS | 1.64 | 100,000 |
| | 1996 | 44,317 | 1.41 | 62,404.00 | LBS | 2.25 | 140,000 |
| POLLINATION | 1997 | 64,302 | | | COL | 21.69 | 1,395,000 |
| | 1996 | 67,925 | | | COL | 21.27 | 1,445,000 |
| | | | | | | VALUE 1997 | 3,129,000 |
| | | | | | | VALUE 1996 | 4,232,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

1997 SUMMARY

| COMMODITY | YEAR | HARVESTED ACREAGE | VALUE |
|--|------|-------------------|---------------|
| VEGETABLE & MELON CROPS | 1997 | 107,708 | 416,953,000 |
| Revised for Carrots | 1996 | 109,048 | 373,811,000 |
| FIELD CROPS | 1997 | 423,353 | 331,389,000 |
| | 1996 | 429,762 | 308,753,000 |
| LIVESTOCK | 1997 | | 210,359,000 |
| | 1996 | | 196,867,000 |
| FRUIT & NUT CROPS | 1997 | 4,739 | 28,324,000 |
| | 1996 | 4,915 | 29,220,000 |
| SEED & NURSERY CROPS | 1997 | 44,432 | 49,774,000 |
| | 1996 | 54,051 | 32,041,000 |
| APIARY PRODUCTS | 1997 | | 3,129,000 |
| | 1996 | | 4,232,000 |
| TOTALS | 1997 | 580,232 | 1,039,928,000 |
| Revised TOTALS | 1996 | 597,776 | 944,924,000 |

GROSS VALUE 1997-1996 COMPARISON (Value = Millions of Dollars)



TOP FORTY CROPS

| 1997 RANKING | | | 1996 RANKING |
|-----------------|-------------------------------|---------------|-----------------|
| 1 | CATTLE | \$162,796,000 | 1 |
| 2 | ALFALFA | 149,037,000 | 2 |
| 3 | LETTUCE | 81,983,000 | 3 |
| 4 | CARROTS | 62,501,000 | 4 |
| 5 | SUGARBEETS | 54,389,000 | 7 |
| 6 | LEAF LETTUCE | 52,597,000 | 9 |
| 7 | SUDANGRASS HAY | 48,086,000 | 8 |
| 8 | WHEAT | 45,882,000 | 5 |
| 9 | CANTALOUPE | 44,867,000 | 6 |
| 10 | BROCCOLI | 35,826,000 | 14 |
| 11 | ONIONS | 31,032,000 | 12 |
| 12 | MISC. LIVESTOCK | 24,335,000 | 13 |
| 13 | MISC. VEGETABLES | 23,210,000 | 11 |
| 14 | ASPARAGUS | 22,706,000 | 10 |
| 15 | BERMUDAGRASS SEED | 17,853,000 | 29 |
| 16 | CAULIFLOWER | 14,298,000 | 15 |
| 17 | MISC. FIELD CROPS | 12,802,000 | 23 |
| 18 | AQUATIC PRODUCTS | 11,769,000 | 16 |
| 19 | DATES | 11,713,000 | 17 |
| 20 | SWEET CORN | 11,197,000 | 20 |
| 21 | WATERMELONS | 11,168,000 | 22 |
| 22 | COTTON LINT | 10,913,000 | 21 |
| 23 | POTATOES | 10,890,000 | 26 |
| 24 | SHEEP | 10,775,000 | 24 |
| 25 | CERTIFIED SEED | 10,031,000 | 19 |
| 26 | ALFALFA SEED | 10,017,000 | 28 |
| 27 | ONION SEED | 9,991,000 | 31 |
| 28 | LEMONS | 7,230,000 | 25 |
| 29 | TOTAL PASTURE | 6,534,000 | 30 |
| 30 | HONEYDEW & MISC. MELONS | 6,504,000 | 27 |
| 31 | TOMATOES - MARKET | 5,049,000 | 18 |
| 32 | GRAPEFRUIT | 4,759,000 | 34 |
| 33 | CABBAGE | 3,125,000 | 35 |
| 34 | MISC. CITRUS | 2,671,000 | 39 |
| 35 | BALED STRAW | 2,261,000 | 33 |
| 36 | MISC. SEED & NURSERY | 1,882,000 | 36 |
| 37 | TOMATOES - PROCESSOR | 1,870,000 | 38 |
| 38 | HONEY | 1,634,000 | 32 |
| 39 | COTTON SEED | 1,485,000 | 40 |
| 40 | POLLINATION | 1,395,000 | * |

* = NEW FOR 1997

This report is published by the Agricultural Commissioner's Office
with assistance of the Imperial Irrigation District

1998



Imperial County Agricultural Crop & Livestock Report

*In cooperation with the
Imperial Irrigation District*



TABLE I IMPACT ON 1998 IMPERIAL COUNTY PRIVATE SECTOR SALES

| COMMODITY | GROSS VALUE | MULTIPLIER | PRIVATE SECTOR SALES |
|--|----------------------|------------|----------------------|
| MISC. LIVESTOCK (DAIRY AND SWINE) | 35,637,000 | 1.5081 | 53,744,160 |
| CATTLE | 151,408,000 | 1.4884 | 225,355,667 |
| SHEEP (FEEDERS AND WOOL) | 7,739,000 | 1.6738 | 12,953,538 |
| AQUATIC PRODUCTS | 10,585,000 | 1.5563 | 16,473,436 |
| FRUIT CROPS | 28,313,000 | 1.6765 | 47,466,745 |
| CITRUS BY-PRODUCTS | 411,000 | 1.5198 | 624,638 |
| APIARY PRODUCTS | 2,893,000 | 1.5563 | 4,502,376 |
| VEGETABLE AND MELON CROPS - MARKET | 437,592,000 | 1.436 | 628,382,112 |
| VEGETABLE AND MELON CROPS - PROCESSING | 48,586,000 | 1.5198 | 73,841,003 |
| FIELD CROPS | 184,880,000 | 1.298 | 239,974,240 |
| SUGARBEETS | 51,942,000 | 1.4674 | 76,219,691 |
| WHEAT | 40,830,000 | 1.4794 | 60,403,902 |
| COTTON LINT | 7,080,000 | 1.4599 | 10,336,092 |
| INDUSTRIAL CROPS | 0 | 1.5563 | 0 |
| SEED CROPS | 75,336,000 | 1.2996 | 97,906,666 |
| TOTAL | 1,083,232,000 | | 1,548,184,266 |

The multiplier relates the total dollar volume of private sector sales to a dollars worth of gross value sales.

TABLE II IMPACT ON 1998 IMPERIAL COUNTY PERSONAL INCOME

| COMMODITY | GROSS VALUE | MULTIPLIER | PERSONAL INCOME |
|--|----------------------|------------|--------------------|
| MISC. LIVESTOCK (DAIRY AND SWINE) | 35,637,000 | 0.1484 | 5,288,531 |
| CATTLE | 151,408,000 | 0.1399 | 21,181,979 |
| SHEEP (FEEDERS AND WOOL) | 7,739,000 | 0.2048 | 1,584,947 |
| AQUATIC PRODUCTS | 10,585,000 | 0.2915 | 3,085,528 |
| FRUIT CROPS | 28,313,000 | 0.4365 | 12,358,625 |
| CITRUS BY-PRODUCTS | 411,000 | 0.2167 | 89,064 |
| APIARY PRODUCTS | 2,893,000 | 0.2915 | 843,310 |
| VEGETABLE AND MELON CROPS - MARKET | 437,592,000 | 0.2742 | 119,987,726 |
| VEGETABLE AND MELON CROPS - PROCESSING | 48,586,000 | 0.2187 | 10,625,758 |
| FIELD CROPS | 184,880,000 | 0.1333 | 24,644,504 |
| SUGARBEETS | 51,942,000 | 0.2419 | 12,564,770 |
| WHEAT | 40,830,000 | 0.1921 | 7,843,443 |
| COTTON LINT | 7,080,000 | 0.2780 | 1,968,240 |
| INDUSTRIAL CROPS | 0 | 0.2915 | 0 |
| SEED CROPS | 75,336,000 | 0.1242 | 9,356,731 |
| TOTAL | 1,083,232,000 | | 231,423,156 |

The multiplier relates the total dollar amount of personal income produced for every dollar of gross value sales.

TABLE III IMPACT ON 1998 IMPERIAL COUNTY PRIVATE SECTOR JOBS

| COMMODITY | GROSS VALUE* | MULTIPLIER | EMPLOYMENT |
|--|----------------------|------------|---------------|
| MISC. LIVESTOCK (DAIRY AND SWINE) | 35.637 | 15.5702 | 555 |
| CATTLE | 151.408 | 14.4442 | 2,187 |
| SHEEP (FEEDERS AND WOOL) | 7.739 | 18.1742 | 141 |
| AQUATIC PRODUCTS | 10.585 | 24.2388 | 257 |
| FRUIT CROPS | 28.313 | 51.9682 | 1,471 |
| CITRUS BY-PRODUCTS | 0.411 | 12.8524 | 5 |
| APIARY PRODUCTS | 2.893 | 24.2388 | 70 |
| VEGETABLE AND MELON CROPS - MARKET | 437.592 | 31.6833 | 13,864 |
| VEGETABLE AND MELON CROPS - PROCESSING | 48.586 | 12.8524 | 624 |
| FIELD CROPS | 184.880 | 14.2646 | 2,637 |
| SUGARBEETS | 51.942 | 33.1873 | 1,724 |
| WHEAT | 40.830 | 29.4977 | 1,204 |
| COTTON LINT | 7.080 | 16.4795 | 117 |
| INDUSTRIAL CROPS | 0.000 | 24.2388 | 0 |
| SEED CROPS | 75.336 | 12.9164 | 973 |
| TOTAL | 1,083,232,000 | | 25,829 |

*MILLIONS OF DOLLARS

The multiplier relates the total number of private sector jobs per million dollars of gross value sales.

Stephen L. Birdsall
Agricultural Commissioner
Director of Weights and Measures

Miguel A. Monroy
Assistant Agricultural Commissioner
Director of Weights and Measures



AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

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March 30, 1999

TO: William J. Lyons, Jr., Secretary
Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Imperial
Tom Veysey, Chairperson
Bill Cole Wally Leimgruber
Dean A. Shores Tony Tirado

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1998. This report is a summary of acreage, yields, and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The total agricultural production value in 1998 was \$1,083,232,000. This is a 4.1 percent increase from the 1997 value. The increase in values were posted in the vegetable and melon crops (16.6%), and seed and nursery (51.3%). The increases were a result of higher prices and yields in vegetable and melon crops. The increases in seed and nursery crops were due to increases in acreage of alfalfa, bermudagrass and certified seed crops. Decreases in value occurred in field crops (14%), livestock (2.3%) and apiary (7.5%). The decreases were due to lower prices.

As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, \$214 dollars of personal income is generated to agricultural related jobs. The Whitefly continues to cause significant crop loss and economic damage.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I especially wish to thank the staff that produced this report for their dedicated work.

Sincerely,

Stephen L. Birdsall
Agricultural Commissioner

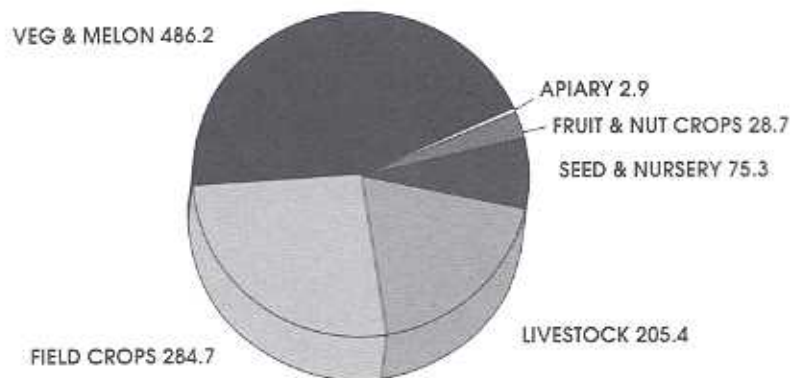
LIVESTOCK

| CROP | YEAR | TOTAL HEAD | UNIT GAIN | TOTAL GAIN* | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|------|------------|-----------|-------------|------|-------------------|--------------------|
| CATTLE (Feedlot)..... | 1998 | 325,107 | 8.01 | 2,605,402 | CWT | 58.11 | 151,408,000 |
| | 1997 | 328,494 | 7.86 | 2,581,963 | CWT | 63.05 | 162,796,000 |
| SHEEP (Feeders)..... | 1998 | 225,000 | 0.49 | 110,250 | CWT | 65.60 | 7,232,000 |
| | 1997 | 230,000 | 0.48 | 110,400 | CWT | 97.60 | 10,775,000 |
| WOOL..... | 1998 | 234,000 | 3.44 | 804,960 | LBS | 0.63 | 507,000 |
| | 1997 | 239,200 | 4.27 | 1,021,384 | LBS | 0.67 | 684,000 |
| AQUATIC PRODUCTS..... (Fish & Algae) | 1998 | | | | | | 10,585,000 |
| | 1997 | | | | | | 11,769,000 |
| MISC. LIVESTOCK..... (Dairy, Dairy Heifers, Swine, Cattle, Goats, Rabbits & Poultry) | 1998 | | | | | | 35,637,000 |
| | 1997 | | | | | | 24,335,000 |
| | | | | | | VALUE 1998 | 205,369,000 |
| | | | | | | VALUE 1997 | 210,359,000 |

* GAIN MAY NOT TOTAL DUE TO ROUNDING

1998 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)



AGRICULTURAL PRODUCTION

FIELD CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|--------------------------------|--------------|---------|----------------------|--------------|------|----------------------|----------------|
| ALFALFA HAY (Baled) | 1998 | 178,517 | 7.65 | 1,365,655.05 | TON | 93.64 | 127,880,000 |
| | 1997 | 165,922 | 7.56 | 1,254,370.32 | TON | 117.91 | 147,903,000 |
| BERMUDAGRASS HAY..... | 1998 | 31,774 | 4.56 | 144,889.44 | TON | 80.58 | 11,675,000 |
| | 1997 | Misc. | > | | | | |
| COTTON (Lint)..... | 1998 | 7,800 | 2.41 | A 18,810.40 | BALE | 376.37 | B 7,080,000 |
| | 1997 | 6,734 | 3.50 | A 23,573.14 | BALE | 462.94 | B 10,913,000 |
| COTTON (Seed)..... | 1998 | 7,800 | 0.90 | 7,025.55 | TON | 185.00 | 1,300,000 |
| | 1997 | 6,734 | 1.31 | 8,839.93 | TON | 168.00 | 1,485,000 |
| PASTURE CROPS | | | | | | | |
| Alfalfa | 1998 | 107,110 | # | | ACRE | 23.74 | 2,543,000 |
| | 1997 | 99,530 | # | | ACRE | 36.00 | 3,583,000 |
| Bermudagrass | 1998 | 12,710 | # | | ACRE | 23.74 | 302,000 |
| | 1997 | Misc. | > | | | | |
| Sudangrass | 1998 | 16,642 | # | | ACRE | 26.15 | 435,000 |
| | 1997 | Misc. | > | | | | |
| Misc. Pasture..... | 1998 | 9,459 | # | | ACRE | 181.88 | 1,720,000 |
| | 1997 | 31,967 | # | | ACRE | 51.26 | 1,639,000 |
| TOTAL PASTURE | 1998 | 145,921 | | | | | 5,000,000 |
| | 1997 | 138,950 | | | | | 6,534,000 |
| BALED STRAW | 1998 | | | 49,557.30 | TON | 30.90 | 1,531,000 |
| | 1997 | | | 59,503.34 | TON | 38.00 | 2,261,000 |
| SUDANGRASS HAY | 1998 | 70,068 | 4.94 | 346,135.92 | TON | 99.37 | 34,396,000 |
| | 1997 | 87,562 | 5.56 | 486,844.72 | TON | 98.77 | 48,086,000 |
| SUGAR BEETS | 1998 | 34,258 | 36.10 | 1,236,713.80 | TON | 42.00 | 51,942,000 |
| | 1997 | 37,731 | 34.61 | 1,305,869.91 | TON | 41.65 | 54,389,000 |
| WHEAT | 1998 | 83,882 | 3.30 | 276,810.60 | TON | 147.50 | 40,830,000 |
| | 1997 | 93,431 | 3.22 | 300,847.82 | TON | 152.51 | 45,882,000 |
| MISC. FIELD CROPS | 1998 | 10,164 | | | | | 3,098,000 |
| | 1997 | 28,293 | | | | ** | 20,470,000 |
| TOTALS 1998 | ACRES | 416,463 | | | | VALUE | 284,732,000 |
| ** TOTALS 1997 | ACRES | 419,673 | | | | VALUE | 331,389,000 |

* YIELDS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD CROPS = Barley, Bufflegrass Hay, Field Corn, Kliengrass Hay, Ryegrass Hay, Oat Hay, Sorghum Grain, Alfalfa Pellets, Sorghum, Alfalfa and Sudan Silage.

MISC. PASTURE=Ryegrass, Sugarbeets, Permanent Pasture and Sweet Corn

= Pastured one time and acres are counted in other crop listings

A = 500 lb. Bales

B = Includes Government Payment

> = Included in Mis. in 1997

**Revised

VEGETABLE AND MELON CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|-----------------------------------|------|--------|----------------------|--------------|-----------|----------------------|----------------|
| ASPARAGUS | | | | | | | |
| Harvested | 1998 | 4,548 | 162 | 736,325 | 30 LB CTN | 36.67 | 27,001,000 |
| New Plantings | 1998 | 1,026 | | | | | |
| Harvested | 1997 | 4,900 | 132 | 644,698 | 30 LB CTN | 35.22 | 22,706,000 |
| BROCCOLI (Market) | | | | | | | |
| | 1998 | 9,589 | 541 | 5,183,259 | 26 LB CTN | 8.84 | 45,820,000 |
| | 1997 | 7,613 | 522 | 3,971,810 | 26 LB CTN | 9.02 | 35,826,000 |
| CABBAGE (Market) | | | | | | | |
| | 1998 | 1,126 | 716 | 806,464 | 45 LB CTN | 5.90 | 4,758,000 |
| | 1997 | 1,120 | 628 | 703,841 | 45 LB CTN | 4.44 | 3,125,000 |
| CARROTS | | | | | | | |
| Market | 1998 | 6,692 | 796 | 5,323,504 | 50 LB BAG | 7.86 | 41,843,000 |
| | 1997 | 6,560 | 777 | 5,095,288 | 50 LB BAG | 6.90 | 35,157,000 |
| Processing & Other | 1998 | 9,724 | 32.66 | 317,586 | TON | 70.44 | 22,371,000 |
| | 1997 | 9,454 | 33.90 | 320,491 | TON | 85.32 | 27,344,000 |
| TOTAL CARROTS | 1998 | 16,416 | | | | | 64,214,000 |
| | 1997 | 16,014 | | | | | 62,501,000 |
| CAULIFLOWER (Market) | | | | | | | |
| | 1998 | 3,313 | 597 | 1,977,921 | 23 LB CTN | 9.92 | 19,621,000 |
| | 1997 | 3,461 | 572 | 1,980,312 | 23 LB CTN | 7.22 | 14,298,000 |
| SWEET CORN | | | | | | | |
| Fall & Spring | 1998 | 6,088 | 311 | 1,895,317 | 50 LB CTN | 7.30 | 13,836,000 |
| | 1997 | 4,556 | 308 | 1,403,093 | 50 LB CTN | 7.98 | 11,197,000 |
| HEAD LETTUCE | | | | | | | |
| Naked Pack & Bulk | 1998 | 10,141 | 552 | 5,599,487 | 50 LB CTN | 6.22 | 34,829,000 |
| | 1997 | 12,056 | 540 | 6,508,684 | 50 LB CTN | 4.93 | 32,088,000 |
| Wrap Pack | 1998 | 8,298 | 598 | 4,960,848 | 40 LB CTN | 8.71 | 43,209,000 |
| | 1997 | 9,864 | 533 | 5,255,026 | 40 LB CTN | 6.87 | 36,102,000 |
| Salad Products | 1998 | | | 39,372,760 | LB | 0.43 | 16,930,000 |
| | 1997 | | | 31,346,770 | LB | 0.44 | 13,793,000 |
| TOTAL HEAD LETTUCE | 1998 | 18,439 | | | | | 94,968,000 |
| | 1997 | 21,920 | | | | | 81,983,000 |
| LEAF LETTUCE | | | | | | | |
| | 1998 | 8,018 | 931 | 7,466,468 | 35 LB CTN | 7.50 | 55,999,000 |
| | 1997 | 8,460 | 854 | 7,224,840 | 35 LB CTN | 7.28 | 52,597,000 |
| SPRING MIX | | | | | | | |
| Incl. In Leaf Lettuce | 1998 | 1,109 | 4,589 | 5,089,201 | LB | 1.18 | 6,005,000 |
| | 1997 | | | | | | |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

SPRING MIX=Various Red, Green, and Baby Leaf Lettuce, Romaine, Mizuna, Kale, Arugula, Beet Tops, Spinach, Mustard, Endive, Tat-Soi, Frisee, Orach, Chard and Other Salad Greens.

VEGETABLE AND MELON CROPS

(continued)

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|------------------------------------|--------------|---------|----------------------|--------------|------------|----------------------|----------------|
| ONIONS | | | | | | | |
| Market | 1998 | 4,671 | 1,068 | 4,986,555 | 50 LB SACK | 7.01 | 34,956,000 |
| | 1997 | 4,979 | 908 | 4,520,578 | 50 LB SACK | 4.91 | 22,196,000 |
| Processor | 1998 | 5,086 | 21.04 | 107,009 | TON | 86.77 | 9,285,000 |
| | 1997 | 5,350 | 19.09 | 102,416 | TON | 86.28 | 8,836,000 |
| TOTAL ONIONS | 1998 | 9,757 | | | | | 44,241,000 |
| | 1997 | 10,329 | | | | | 31,032,000 |
| POTATOES | | | | | | | |
| | 1998 | 2,622 | 376 | 985,872 | CWT | 10.95 | 10,795,000 |
| | 1997 | 2,784 | 262 | 729,408 | CWT | 14.93 | 10,890,000 |
| TOMATOES | | | | | | | |
| Market | 1998 | 655 | 1,689 | 1,106,295 | 25 LB CTN | 5.90 | 6,527,000 |
| | 1997 | 652 | 1,342 | 874,984 | 25 LB CTN | 5.77 | 5,049,000 |
| MISC. VEGETABLES | 1998 | 4,953 | | | | | 31,402,000 |
| | 1997 | 5,768 | | | | | 23,210,000 |
| CANTALOUPE | | | | | | | |
| Spring | 1998 | 12,216 | 542 | 6,619,872 | 40 LB CTN | 6.23 | 41,242,000 |
| | 1997 | 13,605 | 434 | 5,899,795 | 40 LB CTN | 6.73 | 39,706,000 |
| Fall..... | 1998 | 1,871 | 328 | 613,137 | 40 LB CTN | 5.80 | 3,556,000 |
| | 1997 | 2,619 | 237 | 620,368 | 40 LB CTN | 8.32 | 5,161,000 |
| TOTAL CANTALOUPE | 1998 | 14,087 | 513 | 7,233,009 | 40 LB CTN | 6.20 | 44,798,000 |
| | 1997 | 16,224 | 402 | 6,520,163 | 40 LB CTN | 6.88 | 44,867,000 |
| HONEYDEW & MISC. MELONS | | | | | | | |
| Spring and Fall | 1998 | 1,263 | 662 | 835,484 | 40 LB CTN | 5.05 | 4,219,000 |
| | 1997 | 1,793 | 576 | 1,032,380 | 40 LB CTN | 6.30 | 6,504,000 |
| WATERMELONS | | | | | | | |
| | 1998 | 1,635 | 26.84 | 43,883 | TON | 272.87 | 11,974,000 |
| | 1997 | 2,114 | 24.38 | 51,530 | TON | 216.72 | 11,168,000 |
| TOTALS 1998 | ACRES | 103,618 | | | | VALUE | 486,178,000 |
| TOTALS 1997 | ACRES | 107,708 | | | | VALUE | 416,953,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. VEGETABLES = Artichokes, Beans, Beets, Celery, Chinese Vegetables, Cilantro, Collards, Cucumbers, Eggplant, Endive, Garlic, Kale, Mustard Greens, Misc. Organics, Okra, Green Onions, Parsley, Parsnips, Peppers, Processor Tomatoes, Radishes, Rappini, Rutabagas, Spinach, Squash, Swiss Chard, Turnips and Water Lilies.

FRUIT AND NUT CROPS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|--------------|-------|----------------------|--------------|------|----------------------|----------------|
| DATES | | | | | | | |
| Harvested | 1998 | 1,003 | 3.00 | 3,009.00 | TON | 4,420.00 | 13,300,000 |
| Non-Bearing | 1998 | 435 | | | | | |
| Harvested | 1997 | 803 | 3.30 | 2,649.90 | TON | 4,420.00 | 11,713,000 |
| GRAPEFRUIT | | | | | | | |
| Harvested | 1998 | 799 | 12.18 | 9,731.82 | TON | 317.63 | 3,091,000 |
| Non-Bearing | 1998 | 123 | | | | | |
| Harvested | 1997 | 816 | 14.58 | 11,897.28 | TON | 399.99 | 4,759,000 |
| LEMONS | | | | | | | |
| Harvested | 1998 | 1,783 | 7.99 | 14,246.17 | TON | 546.30 | 7,783,000 |
| Non-Bearing | 1998 | 2,118 | | | | | |
| Harvested | 1997 | 1,635 | 6.99 | 11,428.65 | TON | 632.61 | 7,230,000 |
| ORANGES (NAVEL & VALENCIA) | | | | | | | |
| Harvested | 1998 | 609 | 3.47 | 2,113.23 | TON | 316.31 | 668,000 |
| Non-Bearing | 1998 | 76 | | | | | |
| Harvested | 1997 | 581 | 0.96 | 557.76 | TON | 497.35 | 277,000 |
| TANGERINES | | | | | | | |
| Harvested | 1998 | 402 | 4.24 | 1,704.48 | TON | 707.20 | 1,205,000 |
| Non-Bearing | 1998 | 30 | | | | | |
| Harvested | 1997 | 454 | 5.11 | 2,319.94 | TON | 503.20 | 1,167,000 |
| MISC. CITRUS, FRUIT & NUT CROPS | | | | | | | |
| Harvested | 1998 | 491 | 6.67 | 3,274.97 | TON | 691.99 | 2,266,000 |
| Non-Bearing | 1998 | 89 | | | | | |
| Harvested | 1997 | 450 | 8.31 | 3,739.50 | TON | 714.19 | 2,671,000 |
| CITRUS BY-PRODUCTS | | | | | | | |
| | 1998 | | | 11,786.36 | TON | 34.85 | 411,000 |
| | 1997 | | | 13,752.10 | TON | 36.86 | 507,000 |
| TOTALS 1998 | | | | | | | |
| | ACRES | 5,087 | | | | VALUE | 28,724,000 |
| TOTALS 1997 | | | | | | | |
| | ACRES | 4,739 | | | | VALUE | 28,324,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING
 MISC. CITRUS = Tangelos, Sour Orange and Mandarins
 FRUIT & NUT CROPS = Grapes and Mangos

SEED CROPS AND NURSERY PRODUCTS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|---|-------|--------|----------------------|--------------|------|----------------------|----------------|
| ALFALFA SEED | 1998 | 19,781 | 476 | 9,415,756 | LBS | 1.57 | 14,783,000 |
| | 1997 | 11,739 | 530 | 6,221,670 | LBS | 1.61 | 10,017,000 |
| BERMUDAGRASS SEED | 1998 | 21,865 | 688 | 15,043,120 | LBS | 1.40 | 21,060,000 |
| | 1997 | 18,710 | 589 | 11,020,190 | LBS | 1.62 | 17,853,000 |
| ONION SEED | 1998 | 2,256 | 487 | 1,098,672 | LBS | 6.95 | 7,636,000 |
| | 1997 | 3,573 | 514 | 1,836,522 | LBS | 5.44 | 9,991,000 |
| MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS | 1998 | 1,198 | | | | | 2,657,000 |
| | 1997 | 1,038 | | | | | 1,882,000 |
| CERTIFIED SEED | 1998 | 15,459 | | | | | 29,200,000 |
| | 1997 | 9,372 | | | | | 10,031,000 |
| TOTALS 1998 | ACRES | 60,559 | | | | VALUE | 75,336,000 |
| TOTALS 1997 | ACRES | 44,432 | | | | VALUE | 49,774,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD, VEGETABLE AND

FLOWER SEED CROPS = Artichoke, Broccoli, Carrots, Cauliflower, Flowers, Herbs, Lettuce, Okra, Radish, Rape, Rappini and Grains.

CERTIFIED SEED = Alfalfa, Artichoke, Barley, Bermudagrass, Rape, Sudangrass and Wheat.

APIARY PRODUCTS

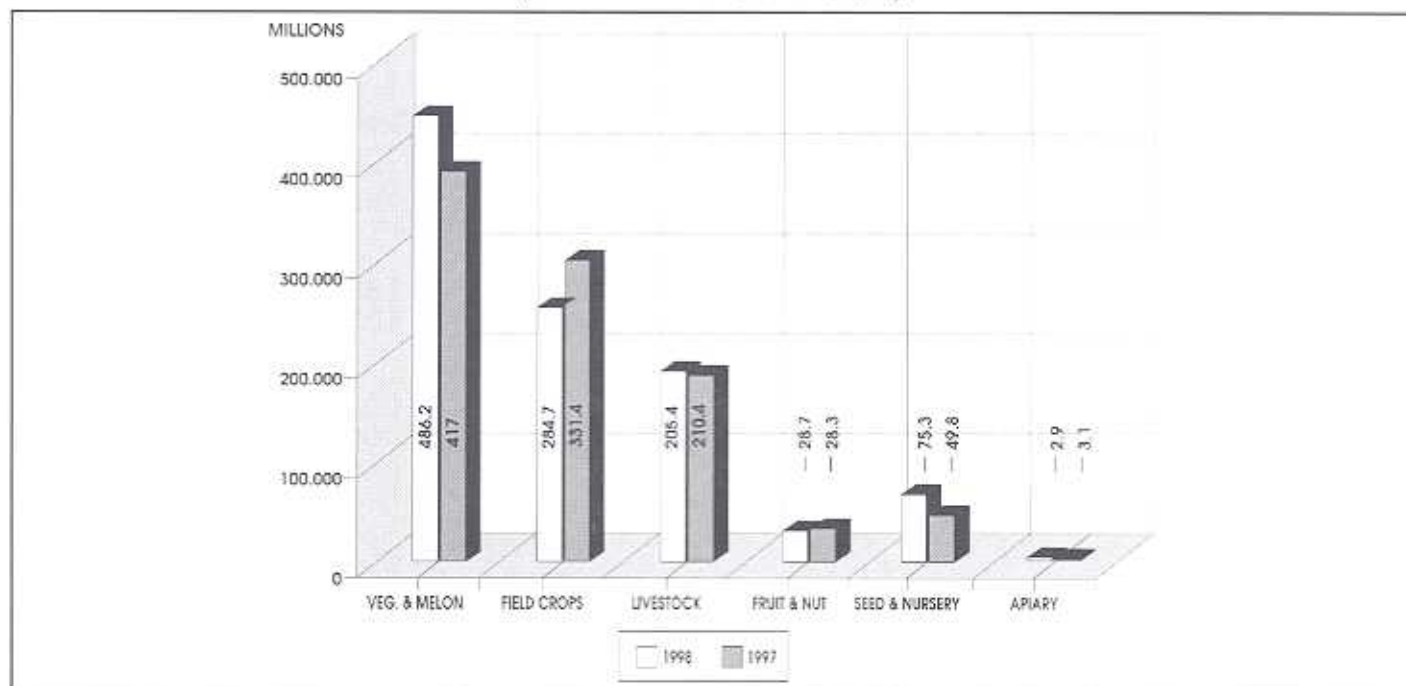
| | YEAR | TOTAL HIVES | YIELD PER HIVE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|-------------------|------|----------------|----------------------|--------------|------|----------------------|----------------|
| HONEY | 1998 | 38,943 | 47.41 | 1,846,421.87 | LBS | 0.53 | 986,000 |
| | 1997 | 46,228 | 58.20 | 2,690,672.16 | LBS | 0.61 | 1,634,000 |
| WAX | 1998 | 42,693 | 1.23 | 52,380.25 | LBS | 1.25 | 65,000 |
| | 1997 | 52,228 | 1.17 | 60,920.92 | LBS | 1.64 | 100,000 |
| POLLINATION | 1998 | 79,451 | | | COL | 23.19 | 1,842,000 |
| | 1997 | 64,302 | | | COL | 21.69 | 1,395,000 |
| | | | | | | VALUE 1998 | 2,893,000 |
| | | | | | | VALUE 1997 | 3,129,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

1998 SUMMARY

| COMMODITY | YEAR | HARVESTED ACREAGE | VALUE |
|-------------------------------|------|-------------------|---------------|
| VEGETABLE & MELON CROPS | 1998 | 103,618 | 486,178,000 |
| | 1997 | 107,708 | 416,953,000 |
| FIELD CROPS | 1998 | 416,463 | 284,732,000 |
| | 1997 | *419,673 | 331,389,000 |
| LIVESTOCK | 1998 | | 205,369,000 |
| | 1997 | | 210,359,000 |
| FRUIT & NUT CROPS | 1998 | 5,087 | 28,724,000 |
| | 1997 | 4,739 | 28,324,000 |
| SEED & NURSERY CROPS | 1998 | 60,559 | 75,336,000 |
| | 1997 | 44,432 | 49,774,000 |
| APIARY PRODUCTS | 1998 | | 2,893,000 |
| | 1997 | | 3,129,000 |
| Revised * TOTALS | 1998 | 585,727 | 1,083,232,000 |
| | 1997 | *576,552 | 1,039,928,000 |

GROSS VALUE 1998-1997 COMPARISON (Value = Millions of Dollars)



TOP FORTY CROPS

| 1998 RANKING | | | 1997 RANKING |
|-----------------|-------------------------------|---------------|-----------------|
| 1 | CATTLE | \$151,408,000 | 1 |
| 2 | ALFALFA | 127,880,000 | 2 |
| 3 | LETTUCE | 94,968,000 | 3 |
| 4 | CARROTS | 64,214,000 | 4 |
| 5 | LEAF LETTUCE | 55,999,000 | 6 |
| 6 | SUGARBEETS | 51,942,000 | 5 |
| 7 | BROCCOLI | 45,820,000 | 10 |
| 8 | CANTALOUPE | 44,798,000 | 9 |
| 9 | ONIONS | 44,241,000 | 11 |
| 10 | WHEAT | 40,830,000 | 8 |
| 11 | MISC. LIVESTOCK | 35,637,000 | 12 |
| 12 | SUNDANGRASS HAY | 34,396,000 | 7 |
| 13 | MISC. VEGETABLES | 31,402,000 | 13 |
| 14 | CERTIFIED SEED | 29,200,000 | 25 |
| 15 | ASPARAGUS | 27,001,000 | 14 |
| 16 | BERMUDAGRASS SEED | 21,060,000 | 15 |
| 17 | CAULIFLOWER | 19,621,000 | 16 |
| 18 | ALFALFA SEED | 14,783,000 | 26 |
| 19 | SWEET CORN | 13,836,000 | 20 |
| 20 | DATES | 13,300,000 | 19 |
| 21 | WATERMELONS | 11,974,000 | 21 |
| 22 | BERMUDAGRASS HAY | 11,675,000 | * |
| 23 | POTATOES | 10,795,000 | 23 |
| 24 | AQUATIC PRODUCTS | 10,585,000 | 18 |
| 25 | LEMONS | 7,783,000 | 28 |
| 26 | ONION SEED | 7,636,000 | 27 |
| 27 | SHEEP | 7,232,000 | 24 |
| 28 | COTTON LINT | 7,083,000 | 22 |
| 29 | TOMATOES - MARKET | 6,527,000 | 31 |
| 30 | SPRING MIX | 6,005,000 | * |
| 31 | PASTURE | 5,000,000 | 29 |
| 32 | CABBAGE | 4,758,000 | 33 |
| 33 | HONEYDEW & MISC. MELONS | 4,219,000 | 30 |
| 34 | MISC. FIELD CROPS | 3,098,000 | 17 |
| 35 | GRAPEFRUIT | 3,091,000 | 32 |
| 36 | MISC. SEED & NURSERY | 2,657,000 | 36 |
| 37 | MISC. CITRUS | 2,266,000 | 34 |
| 38 | POLLINATION | 1,842,000 | 40 |
| 39 | BALED STRAW | 1,531,000 | 35 |
| 40 | COTTON SEED | 1,300,000 | 39 |

* = NEW FOR 1998

This report is published by the Agricultural Commissioner's Office
with assistance of the Imperial Irrigation District

Imperial County **1999**
**AGRICULTURAL CROP
AND LIVESTOCK REPORT**



ECONOMIC IMPACTS OF IMPERIAL COUNTY'S AGRICULTURAL PRODUCTION 1999

IMPACT ON

| Commodities | Gross Value of Production \$1,000 1999 | Private Sales Multiplier | Personal Income Multiplier | Value Added Multiplier | Jobs Per Mil. Dollars Multiplier | Private Sales \$1,000 | Personal Income \$1,000 | Value Added \$1,000 | Number of Jobs No. |
|------------------------------|--|--------------------------|----------------------------|------------------------|----------------------------------|-----------------------|-------------------------|---------------------|--------------------|
| Other Livestock & Products** | 47,731 | 1.4769 | 0.3256 | 0.493 | 14.2332 | 70,494 | 15,541 | 23,531 | 679 |
| Cattle & Calves | 166,910 | 1.6953 | 0.3245 | 0.5518 | 10.5349 | 282,963 | 54,162 | 92,101 | 1,758 |
| Sheep, Lambs | 7,949 | 1.6947 | 0.3102 | 0.5108 | 40.4651 | 13,471 | 2,466 | 4,060 | 322 |
| Cotton | 11,127 | 1.5191 | 0.3621 | 0.6792 | 12.6413 | 16,903 | 4,029 | 7,557 | 141 |
| Food Grains | 15,994 | 1.4909 | 0.2555 | 0.6283 | 16.1537 | 23,845 | 4,086 | 10,049 | 258 |
| Hay & Pasture | 161,779 | 1.4606 | 0.2849 | 0.6353 | 25.4124 | 236,294 | 46,091 | 102,778 | 4,111 |
| Grass Seeds*** | 26,485 | 1.3779 | 0.2459 | 0.5855 | 33.1133 | 36,494 | 6,513 | 15,507 | 877 |
| Fruits & Tree Nuts | 34,743 | 1.5253 | 0.3555 | 0.5839 | 15.7569 | 52,993 | 12,351 | 20,286 | 547 |
| Vegetables & Melons | 458,114 | 1.5268 | 0.4102 | 0.7219 | 15.0422 | 699,448 | 187,918 | 330,712 | 6,891 |
| Sugar Crops | 59,231 | 1.4394 | 0.2582 | 0.6832 | 14.4131 | 88,307 | 15,293 | 40,467 | 854 |
| Misc. Crops**** | 51,928 | 1.5301 | 0.2937 | 0.5194 | 21.1130 | 79,455 | 15,251 | 26,971 | 1,096 |
| Nursery Products | 3,101 | 1.4178 | 0.4327 | 0.8391 | 12.4303 | 4,397 | 1,342 | 2,602 | 39 |
| TOTAL | 1,045,092 | | | | | 1,605,065 | 365,044 | 676,623 | 17,574 |

* Adjusted for inflation to 1998

** Includes Dairy, Dairy Heifers, Swine, Goats, Rabbits, Aquatic Products and Apiary Products

*** Includes Alfalfa Seed and Bermudagrass Seed

**** Includes Misc. Field Crops, Onion Seed and Certified Seed

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May 5, 2000

TO: William J. Lyons, Jr., Secretary
Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Imperial
Wally Leimgruber, Chairperson
Bill Cole Dean A. Shores
Tony Tirado Tom Veysey

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Annual Crop Report for 1999. This report is a summary of acreage, yield, and gross value of agricultural production in Imperial County. I wish to emphasize that this report represents gross returns to the producer and does not indicate actual net profit.

The total agricultural production value in 1999 was \$1,045,092,000. This is a 3.5 percent decrease from the 1998 value. Increases in values were in livestock (6.9%) and fruit and nut crops (20.95%). The increases were a result of higher prices for livestock, and higher yields and prices for citrus. There was an increase in apiary products (3.04%), due an increase in prices for pollination. Decreases in value occurred in field crops (9.61%), vegetable and melon crops (5.72%), and seed and nursery crops (4.02%). The decreases were due to lower prices and yields. Whitefly continues to cause significant crop loss and economic damage.

As a measure of how agricultural production impacts the County, for every thousand dollars of total gross value produced, \$349 dollars of personal income are generated to agriculturally related jobs.

I wish to thank all the individuals and organizations for their cooperation in providing the information required for the compilation of this report. I wish to especially thank the staff that produced this report for their dedicated work.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Birdsall", is written over a circular stamp that partially overlaps the signature.

Stephen L. Birdsall
Agricultural Commissioner

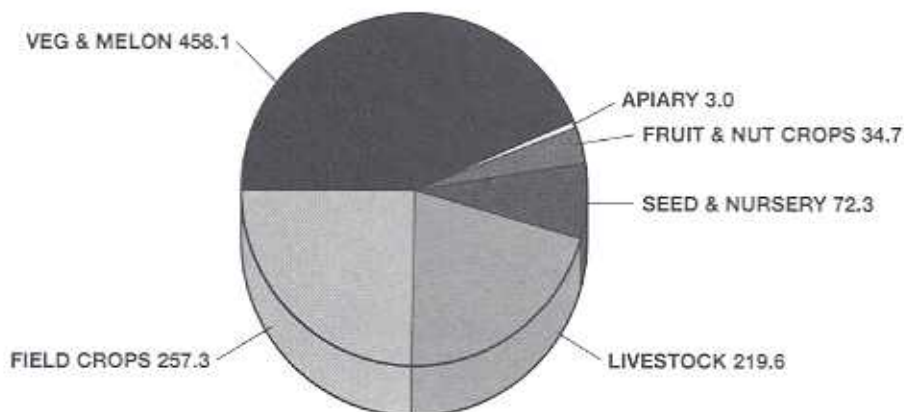
LIVESTOCK

| CROP | YEAR | TOTAL HEAD | UNIT GAIN | TOTAL GAIN* | UNIT | VALUE PER UNIT | GROSS VALUE |
|---|------|------------|-----------|-------------|------|----------------|--------------------|
| CATTLE (Feedlot) | 1999 | 324,571 | 8.03 | 2,606,665 | CWT | 64.03 | 166,910,000 |
| | 1998 | 325,107 | 8.01 | 2,605,402 | CWT | 58.11 | 151,408,000 |
| SHEEP (Feeders) | 1999 | 245,000 | 0.46 | 112,700 | CWT | 67.20 | 7,573,000 |
| | 1998 | 225,000 | 0.49 | 110,250 | CWT | 65.60 | 7,232,000 |
| WOOL | 1999 | 254,800 | 4.34 | 1,105,832 | LBS | 0.34 | 376,000 |
| | 1998 | 234,000 | 3.44 | 804,960 | LBS | 0.63 | 507,000 |
| AQUATIC PRODUCTS (Fish & Algae) | 1999 | | | | | | 7,752,000 |
| | 1998 | | | | | | 10,585,000 |
| MISC. LIVESTOCK (Dairy, Dairy Heifers, Swine, Cattle, Lambs, Goats, Rabbits & Poultry) | 1999 | | | | | | 36,998,000 |
| | 1998 | | | | | | 35,637,000 |
| VALUE 1999 | | | | | | | 219,609,000 |
| VALUE 1998 | | | | | | | 205,369,000 |

* GAIN MAY NOT TOTAL DUE TO ROUNDING

1999 AGRICULTURAL PRODUCTION GROSS VALUE

(Value = Millions of Dollars)



AGRICULTURAL PRODUCTION

FIELD CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|--------------------------|--------------|---------|----------------|--------------|------|----------------|-------------|
| ALFALFA HAY (Baled) | 1999 | 172,771 | 8.04 | 1,389,078.84 | TON | 85.39 | 118,613,000 |
| | 1998 | 178,517 | 7.65 | 1,365,655.05 | TON | 93.64 | 127,880,000 |
| BERMUDAGRASS HAY | 1999 | 31,731 | 4.84 | 153,578.04 | TON | 75.17 | 11,544,000 |
| | 1998 | 31,774 | 4.56 | 144,889.44 | TON | 80.58 | 11,675,000 |
| COTTON (Lint) | 1999 | 10,028 | 2.88 A | 28,849.58 | BALE | 333.17 B | 9,612,000 |
| | 1998 | 7,800 | 2.41 A | 18,810.40 | BALE | 376.37 B | 7,080,000 |
| COTTON (Seed) | 1999 | 10,028 | 1.08 | 10,818.59 | TON | 140.00 | 1,515,000 |
| | 1998 | 7,800 | 0.90 | 7,025.55 | TON | 185.00 | 1,300,000 |
| PASTURE CROPS | | | | | | | |
| Alfalfa | 1999 | 103,663 | # | | ACRE | 24.17 | 2,506,000 |
| | 1998 | 107,110 | # | | ACRE | 23.74 | 2,543,000 |
| Bermudagrass | 1999 | 12,692 | # | | ACRE | 22.73 | 288,000 |
| | 1998 | 12,710 | # | | ACRE | 23.74 | 302,000 |
| Sudangrass | 1999 | 16,447 | # | | ACRE | 22.73 | 374,000 |
| | 1998 | 16,642 | # | | ACRE | 26.15 | 435,000 |
| Misc. Pasture..... | 1999 | 7,635 | | | ACRE | 150.12 | 1,146,000 |
| | 1998 | 9,459 | | | ACRE | 181.88 | 1,720,000 |
| TOTAL PASTURE | 1999 | 140,437 | | | | | 4,314,000 |
| | 1998 | 145,921 | | | | | 5,000,000 |
| BALED STRAW | 1999 | | | 51,000.60 | TON | 28.17 | 1,437,000 |
| | 1998 | | | 49,557.30 | TON | 30.90 | 1,531,000 |
| SUDANGRASS HAY | 1999 | 65,786 | 4.87 | 320,377.82 | TON | 80.75 | 25,871,000 |
| | 1998 | 70,068 | 4.94 | 346,135.92 | TON | 99.37 | 34,396,000 |
| SUGAR BEETS | 1999 | 33,386 | 40.70 | 1,358,810.20 | TON | 43.59 | 59,231,000 |
| | 1998 | 34,258 | 36.10 | 1,236,713.80 | TON | 42.00 | 51,942,000 |
| WHEAT | 1999 | 44,303 | 3.06 | 135,567.18 | TON | 117.98 | 15,994,000 |
| | 1998 | 83,882 | 3.30 | 276,810.60 | TON | 147.50 | 40,830,000 |
| MISC. FIELD CROPS | 1999 | 10,512 | | | | | 9,210,000 |
| | 1998 | 10,164 | | | | | 3,098,000 |
| TOTALS 1999 | ACRES | 368,517 | | | | VALUE | 257,341,000 |
| TOTALS 1998 | ACRES | 416,463 | | | | VALUE | 284,732,000 |

* YIELDS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD CROPS = Barley, Buffleggrass Hay, Field Corn, Kliengrass Hay, Ryegrass Hay, Dry Beans, Oat Hay, Sorghum Grain, Alfalfa Pellets, Sorghum, Alfalfa and Sudan Silage.

MISC. PASTURE = Ryegrass, Sugarbeets, Permanent Pasture and Sweet Corn

= Pastured one time and acres are counted in other crop listings

A = 500 lb. Bales

B = Includes Government Payment

VEGETABLE AND MELON CROPS

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|-----------------------------|------|--------|----------------------|--------------|-----------|----------------------|----------------|
| ASPARAGUS | | | | | | | |
| Harvested | 1999 | 5,006 | 141 | 705,749 | 30 LB CTN | 28.31 | 19,980,000 |
| New Plantings..... | 1999 | 1,160 | | | | | |
| Harvested | 1998 | 4,548 | 162 | 736,325 | 30 LB CTN | 36.67 | 27,001,000 |
| BROCCOLI (Market) | | | | | | | |
| | 1999 | 13,603 | 428 | 5,825,792 | 26 LB CTN | 6.13 | 35,712,000 |
| | 1998 | 9,589 | 541 | 5,183,259 | 26 LB CTN | 8.84 | 45,820,000 |
| CABBAGE (Market) | | | | | | | |
| | 1999 | 1,389 | 522 | 724,612 | 45 LB CTN | 4.13 | 2,993,000 |
| | 1998 | 1,126 | 716 | 806,464 | 45 LB CTN | 5.90 | 4,758,000 |
| CARROTS | | | | | | | |
| Market..... | 1999 | 6,798 | 834 | 5,669,532 | 50 LB BAG | 9.21 | 52,216,000 |
| | 1998 | 6,692 | 796 | 5,323,504 | 50 LB BAG | 7.86 | 41,843,000 |
| Processing & Other..... | 1999 | 10,197 | 33.62 | 342,823 | TON | 72.94 | 25,006,000 |
| | 1998 | 9,724 | 32.66 | 317,586 | TON | 70.44 | 22,371,000 |
| TOTAL CARROTS | | | | | | | |
| | 1999 | 16,995 | | | | | 77,222,000 |
| | 1998 | 16,416 | | | | | 64,214,000 |
| CAULIFLOWER (Market) | | | | | | | |
| | 1999 | 4,353 | 559 | 2,435,410 | 23 LB CTN | 7.84 | 19,094,000 |
| | 1998 | 3,313 | 597 | 1,977,921 | 23 LB CTN | 9.92 | 19,621,000 |
| SWEET CORN | | | | | | | |
| Fall & Spring..... | 1999 | 6,790 | 289 | 1,965,366 | 50 LB CTN | 7.84 | 15,408,000 |
| | 1998 | 6,088 | 311 | 1,895,317 | 50 LB CTN | 7.30 | 13,836,000 |
| HEAD LETTUCE | | | | | | | |
| Naked Pack & Bulk..... | 1999 | 11,087 | 645 | 7,148,881 | 50 LB CTN | 6.04 | 43,179,000 |
| | 1998 | 10,141 | 552 | 5,599,487 | 50 LB CTN | 6.22 | 34,829,000 |
| Wrap Pack..... | 1999 | 9,072 | 604 | 5,481,567 | 40 LB CTN | 8.31 | 45,552,000 |
| | 1998 | 8,298 | 598 | 4,960,848 | 40 LB CTN | 8.71 | 43,209,000 |
| Salad Products | 1999 | | | 29,457,610 | LB | 0.45 | 13,256,000 |
| | 1998 | | | 39,372,760 | LB | 0.43 | 16,930,000 |
| TOTAL HEAD LETTUCE | | | | | | | |
| | 1999 | 20,159 | | | | | 101,987,000 |
| | 1998 | 18,439 | | | | | 94,968,000 |
| LEAF LETTUCE | | | | | | | |
| | 1999 | 10,498 | 833 | 8,745,930 | 35 LB CTN | 5.52 | 48,278,000 |
| | 1998 | 8,018 | 931 | 7,466,468 | 35 LB CTN | 7.50 | 55,999,000 |
| SPRING MIX | | | | | | | |
| | 1999 | 1,531 | 5,000 | 7,655,000 | LB | 0.90 | 6,890,000 |
| | 1998 | 1,109 | 4,589 | 5,089,201 | LB | 1.18 | 6,005,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

SPRING MIX = Various Red, Green, and Baby Leaf Lettuce, Romaine, Mizuna, Kale, Arugula, Beet Tops, Spinach, Mustard, Endive, Tat-Soi, Frisee, Orach, Chard and Other Salad Greens.

VEGETABLE AND MELON CROPS

(continued)

| CROP | YEAR | ACRES | YIELD PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|------------------------------------|--------------|---------|----------------------|--------------|------------|----------------------|----------------|
| ONIONS | | | | | | | |
| Market | 1999 | 6,042 | 825 | 4,986,321 | 50 LB SACK | 5.25 | 26,178,000 |
| | 1998 | 4,671 | 1,068 | 4,986,555 | 50 LB SACK | 7.01 | 34,956,000 |
| Processor | 1999 | 5,524 | 20.68 | 114,236 | TON | 91.77 | 10,483,000 |
| | 1998 | 5,086 | 21.04 | 107,009 | TON | 86.77 | 9,285,000 |
| TOTAL ONIONS..... | 1999 | 11,566 | | | | | 36,661,000 |
| | 1998 | 9,757 | | | | | 44,241,000 |
| POTATOES | | | | | | | |
| | 1999 | 3,159 | 246 | 776,135 | CWT | 13.00 | 10,090,000 |
| | 1998 | 2,622 | 376 | 985,872 | CWT | 10.95 | 10,795,000 |
| TOMATOES | | | | | | | |
| Market | 1999 | 433 | 1,571 | 680,333 | 25 LB CTN | 5.00 | 3,402,000 |
| | 1998 | 655 | 1,689 | 1,106,295 | 25 LB CTN | 5.90 | 6,527,000 |
| Processor | 1999 | 1,591 | 41 | 65,390 | TON | 72.02 | 4,709,000 |
| | 1998 | Misc. | | | | | |
| TOTAL TOMATOES | 1999 | 2,024 | | | | | 8,111,000 |
| | 1998 | 655 | | | | | 6,527,000 |
| MISC. VEGETABLES | | | | | | | |
| | 1999 | 5,705 | | | | | 28,504,000 |
| | 1998 | 4,953 | | | | | 31,402,000 |
| CANTALOUPE | | | | | | | |
| Spring | 1999 | 12,792 | 384 | 4,917,041 | 40 LB CTN | 5.95 | 29,256,000 |
| | 1998 | 12,216 | 542 | 6,619,872 | 40 LB CTN | 6.23 | 41,242,000 |
| Fall..... | 1999 | 1,872 | 350 | 655,200 | 40 LB CTN | 7.17 | 4,698,000 |
| | 1998 | 1,871 | 328 | 613,137 | 40 LB CTN | 5.80 | 3,556,000 |
| TOTAL CANTALOUPE | 1999 | 14,664 | 380 | 5,572,241 | 40 LB CTN | 6.20 | 33,954,000 |
| | 1998 | 14,087 | 513 | 7,233,009 | 40 LB CTN | 6.20 | 44,798,000 |
| HONEYDEW & MISC. MELONS | | | | | | | |
| Spring and Fall..... | 1999 | 2,306 | 432 | 996,297 | 40 LB CTN | 6.11 | 6,087,000 |
| | 1998 | 1,263 | 662 | 835,484 | 40 LB CTN | 5.05 | 4,219,000 |
| WATERMELONS | | | | | | | |
| | 1999 | 2,315 | 20.67 | 47,846 | TON | 149.30 | 7,143,000 |
| | 1998 | 1,635 | 26.84 | 43,883 | TON | 272.87 | 11,974,000 |
| TOTALS 1999 | ACRES | 122,063 | | | | VALUE | 458,114,000 |
| TOTALS 1998 | ACRES | 103,618 | | | | VALUE | 486,178,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. VEGETABLES = Artichokes, Beans, Beets, Celery, Chinese Vegetables, Cilantro, Collards, Cucumbers, Eggplant, Endive, Garlic, Kale, Mustard Greens, Okra, Parsley, Parsnips, Peppers, Radishes, Rappini, Spinach, Squash, Swiss Chard, Turnips and Water Lilies.

FRUIT AND NUT CROPS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|--|------|--------------|----------------------|--------------|------|----------------------|----------------|
| DATES | | | | | | | |
| Harvested | 1999 | 1,029 | 3.05 | 3,138.45 | TON | 4,500.00 | 14,123,000 |
| Non-Bearing | 1999 | 237 | | | | | |
| Harvested | 1998 | 1,003 | 3.00 | 3,009.00 | TON | 4,420.00 | 13,300,000 |
| GRAPEFRUIT | | | | | | | |
| Harvested | 1999 | 797 | 15.54 | 12,385.38 | TON | 354.68 | 4,393,000 |
| Non-Bearing | 1999 | 110 | | | | | |
| Harvested | 1998 | 799 | 12.18 | 9,731.82 | TON | 317.63 | 3,091,000 |
| LEMONS | | | | | | | |
| Harvested | 1999 | 2,472 | 5.70 | 14,090.40 | TON | 642.09 | 9,047,000 |
| Non-Bearing | 1999 | 735 | | | | | |
| Harvested | 1998 | 1,783 | 7.99 | 14,246.17 | TON | 546.30 | 7,783,000 |
| ORANGES (VALENCIA) | | | | | | | |
| Harvested | 1999 | 643 | 5.74 | 3,690.82 | TON | 439.99 | 1,624,000 |
| Non-Bearing | 1999 | 88 | | | | | |
| Harvested | 1998 | 609 | 3.47 | 2,113.23 | TON | 316.31 | 668,000 |
| TANGERINES | | | | | | | |
| Harvested | 1999 | 341 | 9.95 | 3,392.95 | TON | 612.00 | 2,076,000 |
| Non-Bearing | 1999 | 0 | | | | | |
| Harvested | 1998 | 402 | 4.24 | 1,704.48 | TON | 707.20 | 1,205,000 |
| MISC. CITRUS, FRUIT & NUT CROPS | | | | | | | |
| Harvested | 1999 | 530 | 6.41 | 3,397.30 | TON | 871.70 | 2,961,000 |
| Non-Bearing | 1999 | 93 | | | | | |
| Harvested | 1998 | 491 | 6.67 | 3,274.97 | TON | 691.99 | 2,266,000 |
| CITRUS BY-PRODUCTS | | | | | | | |
| | 1999 | | | 9,789.94 | TON | 52.97 | 519,000 |
| | 1998 | | | 11,786.36 | TON | 34.85 | 411,000 |
| TOTALS 1999 | | ACRES | 5,812 | | | VALUE | 34,743,000 |
| TOTALS 1998 | | ACRES | 5,087 | | | VALUE | 28,724,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING
 MISC. CITRUS = Tangelos, Sour Orange and Mandarins
 FRUIT & NUT CROPS = Grapes and Mangos

SEED CROPS AND NURSERY PRODUCTS

| CROP | YEAR | ACRES | UNITS PER ACRE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|---|-------|--------|----------------------|--------------|------|----------------------|----------------|
| ALFALFA SEED | 1999 | 24,362 | 411 | 10,012,782 | LBS | 1.26 | 12,616,000 |
| | 1998 | 19,781 | 476 | 9,415,756 | LBS | 1.57 | 14,783,000 |
| BERMUDAGRASS SEED | 1999 | 23,448 | 477 | 11,184,696 | LBS | 1.24 | 13,869,000 |
| | 1998 | 21,865 | 688 | 15,043,120 | LBS | 1.40 | 21,060,000 |
| ONION SEED | 1999 | 3,812 | 322 | 1,227,464 | LBS | 6.38 | 7,831,000 |
| | 1998 | 2,256 | 487 | 1,098,672 | LBS | 6.95 | 7,636,000 |
| MISC. FIELD, VEGETABLE & FLOWER SEED CROPS & NURSERY PRODUCTS | 1999 | 1,158 | | | | | 3,101,000 |
| | 1998 | 1,198 | | | | | 2,657,000 |
| CERTIFIED SEED | 1999 | 23,114 | | | | | 34,887,000 |
| | 1998 | 15,459 | | | | | 29,200,000 |
| TOTALS 1999 | ACRES | 75,894 | | | | VALUE | 72,304,000 |
| TOTALS 1998 | ACRES | 60,559 | | | | VALUE | 75,336,000 |

* UNITS MAY NOT TOTAL DUE TO ROUNDING

MISC. FIELD, VEGETABLE AND

FLOWER SEED CROPS = Artichoke, Broccoli, Carrots, Cauliflower, Flowers, Herbs, Lettuce, Okra, Radish, Rape, Grains and Cut Flowers.

CERTIFIED SEED = Alfalfa, Beans, Barley, Bermudagrass, Rape, Sudangrass, Wheat, Flax and Oats.

APIARY PRODUCTS

| CROP | YEAR | TOTAL HIVES | YIELD PER HIVE | TOTAL UNITS* | UNIT | VALUE PER UNIT | GROSS VALUE |
|-------------|------|----------------|----------------------|--------------|------|----------------------|----------------|
| HONEY | 1999 | 40,827 | 48.75 | 1,990,421.03 | LBS | 0.45 | 901,000 |
| | 1998 | 38,943 | 47.41 | 1,846,421.87 | LBS | 0.53 | 986,000 |
| WAX | 1999 | 44,577 | 1.21 | 53,872.17 | LBS | 1.28 | 69,000 |
| | 1998 | 42,693 | 1.23 | 52,380.25 | LBS | 1.25 | 65,000 |
| POLLINATION | 1999 | 80,370 | | | COL | 25.02 | 2,011,000 |
| | 1998 | 79,451 | | | COL | 23.19 | 1,842,000 |
| | | | | | | VALUE 1999 | 2,981,000 |
| | | | | | | VALUE 1998 | 2,893,000 |

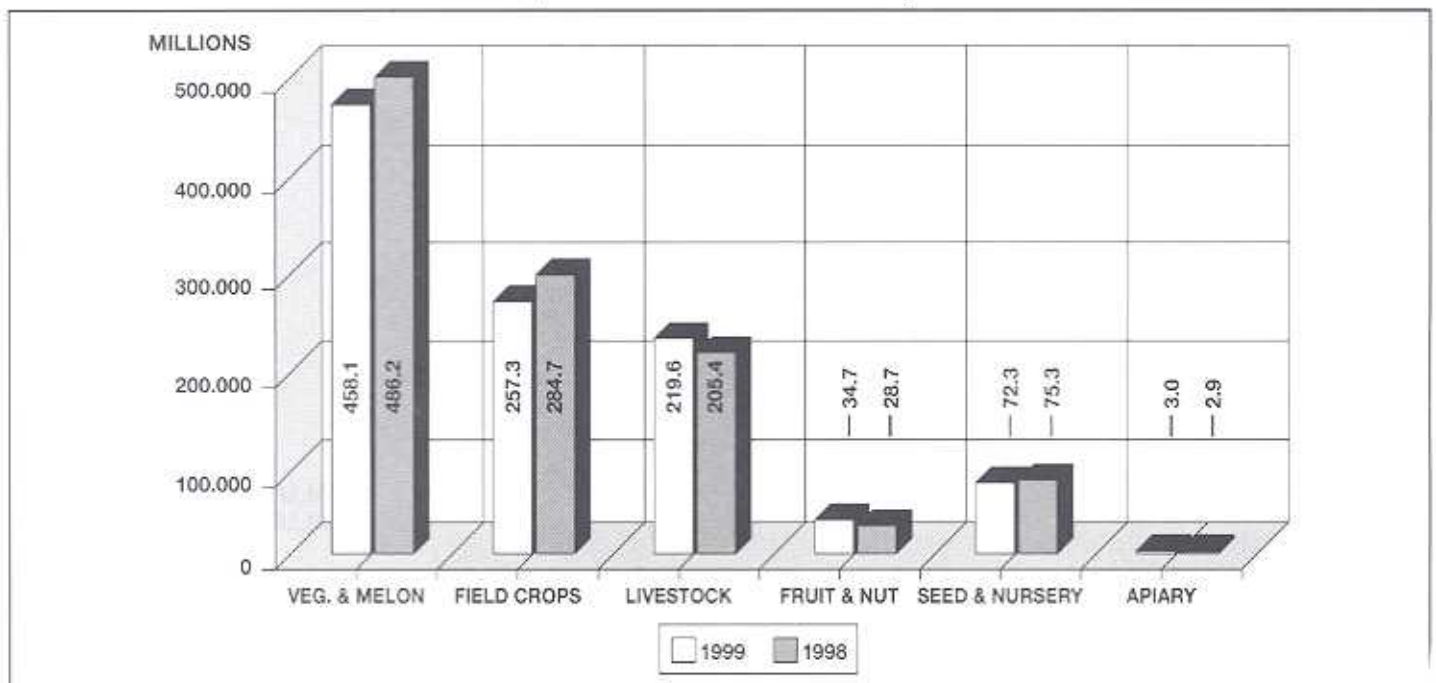
* UNITS MAY NOT TOTAL DUE TO ROUNDING

1999 SUMMARY

| COMMODITY | YEAR | HARVESTED ACREAGE | VALUE |
|-------------------------|------|-------------------|---------------|
| VEGETABLE & MELON CROPS | 1999 | 122,063 | 458,114,000 |
| | 1998 | 103,618 | 486,178,000 |
| FIELD CROPS | 1999 | 368,517 | 257,341,000 |
| | 1998 | 416,463 | 284,732,000 |
| LIVESTOCK | 1999 | | 219,609,000 |
| | 1998 | | 205,369,000 |
| FRUIT & NUT CROPS | 1999 | 5,812 | 34,743,000 |
| | 1998 | 5,087 | 28,724,000 |
| SEED & NURSERY CROPS | 1999 | 75,894 | 72,304,000 |
| | 1998 | 60,559 | 75,336,000 |
| APIARY PRODUCTS | 1999 | | 2,981,000 |
| | 1998 | | 2,893,000 |
| TOTALS | 1999 | 572,286 | 1,045,092,000 |
| TOTALS | 1998 | 585,727 | 1,083,232,000 |

GROSS VALUE 1999-1998 COMPARISON

(Value = Millions of Dollars)



TOP FORTY CROPS

| 1999 RANKING | | | 1998 RANKING |
|-----------------|-------------------------------|---------------|-----------------|
| 1 | CATTLE | \$166,910,000 | 1 |
| 2 | ALFALFA | 118,613,000 | 2 |
| 3 | LETTUCE | 101,987,000 | 3 |
| 4 | CARROTS | 77,222,000 | 4 |
| 5 | SUGAR BEETS | 59,231,000 | 6 |
| 6 | LEAF LETTUCE | 48,278,000 | 5 |
| 7 | MISC. LIVESTOCK | 36,998,000 | 11 |
| 8 | ONIONS | 36,661,000 | 9 |
| 9 | BROCCOLI | 35,712,000 | 7 |
| 10 | CERTIFIED SEED | 34,887,000 | 14 |
| 11 | CANTALOUPE | 33,954,000 | 8 |
| 12 | MISC. VEGETABLES | 28,504,000 | 13 |
| 13 | SUDANGRASS HAY | 25,871,000 | 12 |
| 14 | ASPARAGUS | 19,980,000 | 15 |
| 15 | CAULIFLOWER | 19,094,000 | 17 |
| 16 | WHEAT | 15,994,000 | 10 |
| 17 | SWEET CORN | 15,408,000 | 19 |
| 18 | DATES | 14,123,000 | 20 |
| 19 | BERMUDAGRASS SEED | 13,869,000 | 16 |
| 20 | ALFALFA SEED | 12,616,000 | 18 |
| 21 | BERMUDAGRASS HAY | 11,544,000 | 22 |
| 22 | POTATOES | 10,090,000 | 23 |
| 23 | COTTON LINT | 9,612,000 | 28 |
| 24 | MISC. FIELD CROPS | 9,210,000 | 34 |
| 25 | LEMONS | 9,047,000 | 25 |
| 26 | TOMATOES | 8,111,000 | 29 |
| 27 | ONION SEED | 7,831,000 | 26 |
| 28 | AQUATIC PRODUCTS | 7,752,000 | 24 |
| 29 | SHEEP | 7,573,000 | 27 |
| 30 | WATERMELONS | 7,143,000 | 21 |
| 31 | SPRING MIX | 6,890,000 | 30 |
| 32 | HONEYDEW & MISC. MELONS | 6,087,000 | 33 |
| 33 | GRAPEFRUIT | 4,393,000 | 35 |
| 34 | PASTURE | 4,314,000 | 31 |
| 35 | MISC. SEED & NURSERY | 3,101,000 | 36 |
| 36 | CABBAGE | 2,993,000 | 32 |
| 37 | MISC. CITRUS | 2,961,000 | 37 |
| 38 | TANGERINES | 2,076,000 | * |
| 39 | POLLINATION | 2,011,000 | 38 |
| 40 | ORANGES | 1,624,000 | * |

* = NEW FOR 1999

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