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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

Kings County

1982-1984

AGRICULTURAL CROP REPORT

KINGS COUNTY, CALIFORNIA, 1982





KINGS COUNTY

DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS
AND MEASURES

P. O. BOX C - 280 CAMPUS DRIVE

HANFORD, CALIFORNIA 93230

(209) 582-3211

April 1, 1983

Mr. Clare Berryhill, Director
California Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Kings

Gentlemen:

I am pleased to submit this 1982 Agricultural Crop Report, which was compiled in accordance with Section 2279 of The California Food and Agricultural Code.

The gross value of agricultural crops and products grown in Kings County during the calendar year 1982 was \$590,462,672., a 1.29% reduction in value from 1981.

Good yields were received for most crops, but depressed prices during the year accounted for the decrease in overall value. Cotton, Kings County's leading field crop, reflected again a decrease (9 million dollars) from last year.

Reduced acreage and prices were reflected in all cereal crops. Lower returns were also received for most vegetable and seed crops.

All figures in this report are gross returns and do not indicate net income, or profit received by growers.

A special thanks to the many individuals and organizations for their assistance in contributing their time and information for this report, and to Diane Reeves of my staff, who compiled the report.

Respectfully submitted,

M. Hugh Handley
Agricultural Commissioner
Sealer of Weights and Measures

MHH:dod

TILING IN KINGS COUNTY:
RECLAMATION OF MARGINAL LAND

" . . .it is only too plain that where conditions are persistently maintained which allow the formation of the salts without permitting them to be removed by any cause whatsoever, there must come a time, sooner or later, when the amounts produced and accumulated in the soil shall reach the degree of concentration which is intolerable to cultivated crops."

-F.H. King in "Irrigation and Drainage Principles and Practice of their Cultural Phase"

That time has come in Kings County. Efforts to grow crops on the Tulare Lake Basin at the Southern end of the county are hampered by salty soil conditions. The ancestral lake basin is composed of sand layers overlain or underlain by layers of clays or other slowly impermeable soils. When irrigation water is applied, this slows the percolation of the excess, causing a perched water table to form.

To correct this problem, J.W. Farms of Corcoran, has undertaken one of the single largest tiling projects in the world, consisting of 10,888 acres.

Tiling is not new to the United States. In 1835, John Johnson of Seneca County, New York, brought patterns for molding clay tile by hand from Scotland. That was the beginning of modern tile drainage in the U.S. The use of tile spread rapidly and by 1882, more than 30,000 miles were laid in the State of Indiana alone.

Since that time, clay tile has given way to high density polyethylene drainage tubing. It removes excess water through a continuous line laid at a specified depth and grade. Free water enters through tile joints and flows out by gravity. At J.W. the water goes to one of eight large sumps where most of it is pumped to their own evaporation ponds. Of the 17 sections tiled, J.W. handles the water from 13.5 sections. Almost 1.2 million linear feet of tubing, installed seven to 9½ feet deep and spaced 500 feet apart, moves the water. The remaining water goes to the Tulare Lake Drainage System.

J.W. expects to see returns on their \$250.00 per acre project within the next two years in the way of increased yields and land value. Only time will tell, but with the positive results already seen and those expected, the future looks good for the reclamation of salty soils for agricultural use in Kings County.

ANNUAL CROP REPORT
FOR YEAR 1982

KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

KINGS COUNTY
BOARD OF SUPERVISORS

LESLIE K. BROWN DISTRICT I
JOE HAMMOND DISTRICT II
DOM FARUZZI DISTRICT III
DOYLE DAVIS DISTRICT IV
ABEL MEIRELLES. DISTRICT V

COUNTY ADMINISTRATIVE OFFICER

MILTON D. McCOY

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| CROP | YEAR | HARVESTED ACREAGE | PRODUCTION | | UNIT | PER UNIT | VALUE | |
|----------------------|------|----------------------|-------------|---------|--------------|-------------|-------|-------------|
| | | | PER ACRE | TOTAL | | | | TOTAL |
| Barley | 1982 | 42,899 | 1.47 | 63,062 | Ton | \$ 117.00 | \$ | 7,378,255 |
| | 1981 | 90,000 | 1.55 | 139,500 | Ton | \$ 128.00 | \$ | 17,856,000 |
| Corn | 1982 | 17,044 | 1.56 | 26,589 | Ton | 102.00 | | 2,712,080 |
| | 1981 | 14,000 | 2.87 | 40,180 | Ton | 120.00 | | 4,821,600 |
| Cotton Lint | 1982 | 274,361 | 2.36 | 647,492 | 495-lb. Bale | 319.00 | | 206,549,950 |
| | 1981 | 309,000 | 2.17 | 670,530 | 495-lb. Bale | 322.00 | | 215,910,660 |
| Cotton Seed | 1982 | | | 281,342 | Ton | 101.00 | | 28,415,540 |
| | 1981 | | | 291,345 | Ton | 95.00 | | 27,677,775 |
| Cotton Planting Seed | 1982 | | | 5,609 | Ton | 150.00 | | 841,350 |
| | 1981 | | | 6,370 | Ton | 121.00 | | 770,770 |
| Hay Alfalfa | 1982 | 38,097 | 7.88 | 300,204 | Ton | 84.00 | | 25,217,135 |
| | 1981 | 46,300 | 6.22 | 287,986 | Ton | 72.00 | | 20,734,992 |
| Grain | 1982 | 2,784 | 3.50 | 9,744 | Ton | 60.00 | | 584,640 |
| | 1981 | 1,907 | 7.61 | 14,512 | Ton | 70.00 | | 1,015,840 |
| Pasture Irrigated | 1982 | 12,500 | | | Acre | 112.00 | | 1,400,000 |
| | 1981 | 12,000 | | | Acre | 105.00 | | 1,260,000 |
| Range | 1982 | 218,000 | | | Acre | 2.00 | | 436,000 |
| | 1981 | 218,000 | | | Acre | 2.00 | | 436,000 |
| Other | 1982 | 44,500 | | | Acre | 18.00 | | 801,000 |
| | 1981 | 45,000 | | | Acre | 18.00 | | 810,000 |
| Safflower | 1982 | 35,390 | 1.10 | 38,929 | Ton | 301.00 | | 11,717,630 |
| | 1981 | 30,509 | .89 | 27,153 | Ton | 350.00 | | 9,503,550 |

| | | | | | | | |
|-------------------------|------|---------|-------|---------|-----|--------|---------------|
| Screenings | 1982 | | | 4,220 | Ton | 53.00 | 223,660 |
| | 1981 | | | 3,510 | Ton | 50.00 | 175,500 |
| Silage Corn | 1982 | 14,950 | 21.10 | 315,445 | Ton | 14.68 | 4,630,735 |
| | 1981 | 11,500 | 20.85 | 239,775 | Ton | 14.50 | 3,476,738 |
| Other | 1982 | 12,044 | 12.32 | 148,382 | Ton | 14.00 | 2,077,350 |
| | 1981 | 5,700 | 14.28 | 81,396 | Ton | 14.00 | 1,139,544 |
| Sorghum Grain | 1982 | 8,583 | 2.34 | 20,084 | Ton | 90.00 | 1,807,560 |
| | 1981 | 12,950 | 2.06 | 26,677 | Ton | 95.00 | 2,534,315 |
| Dry Beans | 1982 | 1,118 | .90 | 1,006 | Ton | 396.00 | 398,375 |
| | 1981 | 219 | 1.02 | 223 | Ton | 225.00 | 50,175 |
| Straw | 1982 | | | 8,039 | Ton | 35.00 | 281,365 |
| | 1981 | | | 14,455 | Ton | 25.00 | 361,375 |
| Sugar Beets | 1982 | 1,259 | 28.59 | 35,994 | Ton | 32.50 | 1,169,805 |
| | 1981 | 2,532 | 22.00 | 55,704 | Ton | 32.00 | 1,782,528 |
| Wheat | 1982 | 67,022 | 1.97 | 132,033 | Ton | 130.00 | 17,164,290 |
| | 1981 | 85,000 | 2.61 | 221,850 | Ton | 135.00 | 29,949,750 |
| Miscellaneous <u>a/</u> | 1982 | 2,474 | | | | | 565,480 |
| | 1981 | 3,458 | | | | | 1,410,230 |
| TOTAL | 1982 | 793,025 | | | | | \$314,372,000 |
| | 1981 | 888,075 | | | | | \$341,677,342 |

a/ Dry Beans, Rice

KINGS COUNTY
DEPARTMENT OF AGRICULTURE
280 CAMPUS DRIVE
HANFORD, CALIFORNIA 93230

FIELD CROPS - Cont'd

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER-SEALER

FRUIT AND NUT CROPS

| CROP | YEAR | UTILIZATION | ACREAGE | | PRODUCTION | | VALUE | |
|----------------------------|-----------|-------------|---------|-------------|---------------|---------------|------------------|------------------|
| | | | BEARING | NON BEARING | PER ACRE | TOTAL TONS | PER TON | TOTAL |
| Almonds - Meats | 1982 | Dried | 3,436 | 320 | .57 | 1,959 | \$ 1,613.00 | \$ 3,159,865 |
| | 1981 | Dried | 4,535 | 496 | .42 | 1,909 | 2,000.00 | 3,818,000 |
| Almonds - Hulls | 1982 | | | | | 3,252 | 60.00 | 195,120 |
| | 1981 | | | | | 3,169 | 52.00 | 164,790 |
| Apricots | 1982 | Fresh | | | | 317 | 717.00 | 227,289 |
| | | Processed | | | | 419 | 150.00 | 62,850 |
| | | Total | 143 | 61 | 5.15 | <u>736</u> | | <u>290,139</u> |
| | 1981 | Fresh | | | | 198 | 700.00 | 138,600 |
| | Processed | | | | 262 | 272.00 | 71,264 | |
| | Total | 121 | 72 | 3.8 | 460 | | 209,864 | |
| Grapes Raisin Varieties | 1982 | Fresh | | | | 828 | 695.00 | 575,460 |
| | | Dried | | | | 2,973 | 1,300.00 | 3,864,900 |
| | | Crushed | | | | 12,714 | 117.00 | 1,487,538 |
| | | Total | 2,247 | 257 | | <u>16,515</u> | | <u>5,927,898</u> |
| | 1981 | Fresh | | | | 779 | 400.00 | 311,600 |
| | | Dried | | | | 2,797 | 1,300.00 | 3,636,100 |
| Crushed | | | | | 11,961 | 200.00 | 2,392,200 | |
| | Total | 2,154 | 231 | 7.21 | <u>15,537</u> | | <u>6,339,900</u> | |
| Wine Varieties | 1982 | Crushed | 1,074 | 375 | 10.55 | 11,331 | 124.00 | 1,405,045 |
| | 1981 | Crushed | 1,029 | 210 | 6.04 | 6,215 | 230.00 | 1,429,450 |
| Table Varieties | 1982 | Fresh | 112 | 93 | 6.04 | 676 | 794.00 | 536,745 |
| | 1981 | Fresh | 52 | 70** | 6.40 | 333 | 1,046.00 | 348,318 |
| Total - All Grapes | 1982 | | 3,433 | 725 | | | | 7,868,685 |
| | 1981 | | 3,235 | 469 | | | | 8,117,668 |
| Kiwi | 1982 | Fresh | 179 | 87 | 2.92 | 523 | 1,857.00 | 971,210 |
| Nectarines | 1982 | Fresh | 748 | 379 | 7.60 | 5,685 | 292.00 | 1,660,020 |
| | 1981 | Fresh | 665 | 278 | 8.72 | 5,799 | 299.00 | 1,733,901 |

| | | | | | | | | |
|-------------------------|------|-----------|--------|---------|-------|--------|-----------|--------------|
| Olives | 1982 | | 1,167 | 0 | 5.31 | 6,197 | \$ 475.00 | \$ 2,943,575 |
| | 1981 | | 1,162 | 5 | 1.20 | 1,394 | 623.00 | 868,462 |
| Peaches | | | | | | | | |
| Clingstone | 1982 | Processed | 1,255 | 198 | 20.00 | 25,100 | 190.00 | 4,769,000 |
| | 1981 | Processed | 1,163 | 113 | 15.90 | 18,492 | 182.00 | 3,365,544 |
| Freestone | 1982 | Fresh | | | | 10,657 | 470.00 | 5,008,790 |
| | | Processed | | | | 140 | 118.00 | 16,520 |
| | | Total | 1,333 | 449 | 8.10 | 10,797 | | 5,025,310 |
| | 1981 | Fresh | | | | 7,697 | 393.00 | 3,024,921 |
| | | Processed | | | | 667 | 127.00 | 84,709 |
| | | Total | 865 | 421 | 9.67 | 8,364 | | 3,109,630 |
| Total - All Peaches | 1982 | | 2,588 | 647 | | 35,897 | | 9,794,310 |
| | 1981 | | 2,028 | 534 | | 26,856 | | 6,475,174 |
| Pistachios | 1982 | | 2,852 | 1,013 | 1.00 | 2,852 | 3,020.00 | 8,613,040 |
| | 1981 | | 2,842 | 32 | .33 | 938 | 3,200.00 | 3,001,600 |
| Plums | 1982 | Fresh | 1,057 | 426 | 2.15 | 2,273 | 848.00 | 1,927,504 |
| | 1981 | Fresh | 993 | 213 | 6.36 | 6,315 | 592.00 | 3,738,480 |
| Walnuts | 1982 | Dried | 3,829 | 250 | 1.32 | 5,054 | 1,064.00 | 5,377,456 |
| | 1981 | Dried | 3,583 | 744 | 1.61 | 5,769 | 960.00 | 5,538,240 |
| Miscellaneous <u>a/</u> | 1982 | | 209 | 38 | | | | 244,229 |
| | 1981 | | 398 | 203 | | | | 730,015 |
| <hr/> | | | | | | | | |
| TOTAL | 1982 | | 19,641 | 3,946 | | | | 43,045,153 |
| | 1981 | | 19,562 | 3,088** | | | | 34,396,194 |
| <hr/> | | | | | | | | |

a/ Pecans, Persimmons, Pomegranates, Quince, Apples, Prunes

**Revised

KINGS COUNTY
DEPARTMENT OF AGRICULTURE
280 CAMPUS DRIVE
HANFORD, CALIFORNIA 93230

FRUIT AND NUT CROPS - Cont'd.

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER-SEALER

KINGS COUNTY
 DEPARTMENT OF AGRICULTURE
 280 CAMPUS DRIVE
 HANFORD, CALIFORNIA 93230

-5-

VEGETABLE CROPS

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

| CROP | YEAR | UTILIZATION | HARVESTED ACREAGE | PRODUCTION | | UNIT | PER UNIT | VALUE | |
|-------------------------|------|-------------|----------------------|-------------|-----------|---------------|-------------|-------------|------------|
| | | | | PER ACRE | TOTAL | | | PER UNIT | TOTAL |
| Cantaloupes | 1982 | Fresh | 1,600 | 319 | 510,000 | 70 lb. Crate | \$ 2.50 | \$ | 1,276,000 |
| | 1981 | Fresh | 1,709 | 253 | 432,377 | 70 lb. Crate | 9.23 | | 3,990,340 |
| Lettuce | 1982 | Fresh | 2,760 | 614 | 1,694,640 | 43 lb. Carton | 4.56 | | 7,727,558 |
| | 1981 | Fresh | 2,980 | 675 | 2,011,500 | 43 lb. Carton | 4.06 | | 8,166,690 |
| Onions | 1982 | Proc. | 1,443 | 16.00 | 23,088 | Ton | 75.00 | | 1,731,600 |
| | 1981 | Proc. | 320 | 17.00 | 5,440 | Ton | 75.00 | | 408,000 |
| Peppers, Chili | 1982 | Dried | 612 | 1.96 | 1,200 | Ton | 960.00 | | 1,152,000 |
| | 1981 | Dried | 530 | 2.00 | 1,060 | Ton | 1,120.00 | | 1,187,200 |
| Tomatoes | 1982 | Fresh | 243 | 12.75 | 3,098 | Ton | 408.00 | | 1,263,984 |
| Squash | 1982 | Fresh | 245 | 9.00 | 2,205 | Ton | 290.00 | | 639,450 |
| Watermelons | 1982 | Fresh | 204 | 16.00 | 3,264 | Ton | 70.00 | | 228,480 |
| | 1981 | Fresh | 106 | 20 | 2,120 | Ton | 120.00 | | 254,400 |
| Miscellaneous <u>a/</u> | 1982 | | 2,143 | | | | | | 3,642,316 |
| | 1981 | | 1,023 | | | | | | 4,762,369 |
| TOTAL | 1982 | | 9,005 | | | | | \$ | 17,021,938 |
| | 1981 | | 7,268 | | | | | | 18,769,000 |

a/ Includes Cauliflower, Broccoli, Carrots, Cabbage, Chinese Cabbage, Stringbeans, Cucumbers, Processed Tomatoes, Eggplant, Casaba, Garlic, Bell Peppers, Sweet Corn, Asparagus, Turnips, Potatoes, Crenshaw Melons, Honeydew Melons, Persian Melons

SEED CROPS

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

| CROP | YEAR | HARVESTED ACREAGE | PRODUCTION | | UNIT | PER UNIT | VALUE | |
|-------------------------|------|----------------------|-------------|------------|------|-------------|---------------|-------|
| | | | PER ACRE | TOTAL | | | PER UNIT | TOTAL |
| Certified Seed | | | | | | | | |
| Alfalfa | 1982 | 28,566 | 635 | 18,139,140 | lb. | \$ 1.12 | \$ 20,316,140 | |
| | 1981 | 26,693 | 656 | 17,510,608 | lb. | 1.25 | 21,888,260 | |
| Barley | 1982 | 2,509 | 2,940 | 7,376,460 | lb. | .06 | 442,590 | |
| | 1981 | 2,451 | 3,440 | 8,431,440 | lb. | .10 | 843,145 | |
| Safflower | 1982 | 0 | 0 | 0 | lb. | .00 | 0 | |
| | 1981 | 816 | 1,780 | 1,452,480 | lb. | .22 | 319,545 | |
| Wheat | 1982 | 6,318 | 3,940 | 24,892,920 | lb. | .07 | 1,742,505 | |
| | 1981 | 6,468 | 5,200 | 33,633,600 | lb. | .11 | 3,699,695 | |
| Cotton | 1982 | 0 | 0 | 0 | lb. | 0 | 0 | |
| | 1981 | 660 | 1,880 | 1,240,800 | lb. | .069 | 85,615 | |
| Other Seed | | | | | | | | |
| Lettuce | 1982 | 213 | 498 | 106,074 | lb. | 3.13 | 332,010 | |
| | 1981 | 1,236 | 419 | 517,884 | lb. | 2.29 | 1,185,955 | |
| Uncertified Alfalfa | 1982 | 14,135 | 635 | 8,975,725 | lb. | 1.10 | 9,873,300 | |
| | 1981 | 5,206 | 785 | 4,086,710 | lb. | 1.22 | 4,985,785 | |
| Miscellaneous <u>a/</u> | 1982 | 487 | | | | | 2,681,450 | |
| | 1981 | 607 | | | | | 601,305 | |
| TOTAL | 1982 | 52,228 | | | | | \$ 35,387,995 | |
| | 1981 | 42,901 | | | | | 32,423,350 | |

a/ Flower, Eggplant, Onion, Snap Bean, Watermelon, Cabbage, Cucumber, Squash, Radish

| | Year | Acres | NURSERY PRODUCTS | | Unit | Per Unit | Total |
|------------------------|------|-------|------------------|------|-------|----------|----------|
| | | | Quantity | Sold | | | |
| Dec. Fruit & Nut Trees | 1982 | 26 | 121,500 | | Plant | .78 | \$94,700 |
| | 1981 | 4 | 100 | | Plant | 6.00 | 600 |
| Vegetable & Flower | 1982 | 2 | 2,200 | | Plant | 1.55 | 3,410 |
| | 1981 | 2 | 2,300 | | Plant | 1.52 | 3,496 |
| Plants in Flats, Bulbs | 1982 | 28 | 123,700 | | | | 98,180 |
| | 1981 | 6 | 2,400 | | | | 4,096 |
| Total | | | | | | | |

LIVESTOCK AND POULTRY

| ITEM | YEAR | PRODUCTION | | UNIT | PER UNIT | VALUE | |
|-------------------------|------|-------------|------------------|------|----------|-----------------|-------|
| | | NO. OF HEAD | TOTAL LIVEWEIGHT | | | TOTAL | TOTAL |
| Cattle & Calves | 1982 | 130,014 | 822,028 | Cwt. | \$ 59.40 | \$ 48,828,463 | |
| | 1981 | 119,652 | 829,914 | Cwt. | 57.40 | 47,637,060 | |
| Sheep & Lambs | 1982 | 26,882 | 29,660 | Cwt. | 55.80 | 1,655,028 | |
| | 1981 | 25,123 | 27,635 | Cwt. | 56.30 | 1,555,850 | |
| Hogs & Pigs | 1982 | 1,300 | 286,000 | lb. | .58 | 165,880 | |
| | 1981 | 1,200 | 264,000 | lb. | .48 | 126,720 | |
| Turkeys | 1982 | 1,620,000 | 32,400,000 | lb. | .39 | 12,636,000 | |
| | 1981 | 1,530,000 | 30,600,000 | lb. | .41 | 12,546,000 | |
| Fish - Catfish | 1982 | | 263,500 | lb. | 1.70 | 447,950 | |
| | 1981 | | 264,000 | lb. | 1.70 | 448,800 | |
| Miscellaneous <u>a/</u> | 1982 | | | | | 561,270 | |
| | 1981 | | | | | 877,045** | |
| TOTAL | 1982 | | | | | \$ 64,294,591 | |
| | 1981 | | | | | \$ 63,191,475** | |

a/ Geese, Fryers, Other Chickens, Chicken Eggs

**Revised

INVENTORIES OF LIVESTOCK & POULTRY (In Number of Head)

| ITEM | January 1, 1982 | January 1, 1983 |
|----------------------------|-----------------|-----------------|
| Milk Cows 2 Years and Over | 63,117 | 59,961 |
| Cattle and Calves On Feed | 6,126 | 4,595 |
| Other Cattle and Calves | 50,579 | 53,361 |
| Total | <u>119,822</u> | <u>117,917</u> |
| Sheep and Lambs | 39,608 | 28,938 |
| Hogs and Pigs | 480 | 520 |
| Hens and Pullets | 269,000 | 210,000 |

LIVESTOCK AND POULTRY PRODUCTS

| ITEM | YEAR | PRODUCTION | UNIT | VALUE | |
|---------------|------|------------|------|----------|---------------|
| | | | | PER UNIT | TOTAL |
| Milk Market | 1982 | 8,229,000 | Cwt. | \$ 13.34 | \$109,774,860 |
| | 1981 | 7,718,000 | Cwt. | 13.33 | 102,881,000 |
| Manufacturing | 1982 | 6,000 | Cwt. | 12.42 | 74,520 |
| | 1981 | 21,400 | Cwt. | 12.55 | 268,570 |
| Wool | 1982 | 245,974 | lb. | .92 | 226,296 |
| | 1981 | 339,441 | lb. | .98 | 332,650 |
| TOTAL | 1982 | | | | \$110,075,676 |
| | 1981 | | | | 103,482,220** |

APIARY PRODUCTS

| ITEM | YEAR | PRODUCTION | UNIT | VALUE | |
|-------------|------|------------|------|----------|--------------|
| | | | | PER UNIT | TOTAL |
| Honey | 1982 | 5,475,640 | lb. | .57 | \$ 3,121,115 |
| | 1981 | 4,563,800 | lb. | .51 | 2,327,538 |
| Beeswax | 1982 | 136,891 | lb. | 1.51 | 206,705 |
| | 1981 | 91,276 | lb. | 1.98 | 180,726 |
| Pollination | 1982 | 136,891 | Col. | 20.74 | 2,839,119 |
| | 1981 | 91,276 | Col. | 19.16 | 1,748,848 |
| TOTAL | 1982 | | | | \$ 6,166,939 |
| | 1981 | | | | 4,257,111 |

** Revised

KINGS COUNTY
DEPARTMENT OF AGRICULTURE
280 CAMPUS DRIVE
HANFORD, CALIFORNIA 93230

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER-SEALER

1982 CROP SUMMARY

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

| | | | |
|--------------------------------|---------------|------------------|---------------|
| Field Crops | \$314,372,200 | Seed Crops | \$ 35,387,995 |
| Fruit and Nut Crops | 43,045,153 | Vegetable Crops | 17,021,938 |
| Livestock and Poultry | 64,294,591 | Nursery Products | 98,180 |
| Livestock and Poultry Products | 110,075,676 | Apiary Products | 6,166,939 |
| GRAND TOTAL | | | \$590,462,672 |

5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

| | 1978 | 1979 | 1980 | 1981 | 1982 |
|--------------------------------|----------------|-------------------|----------------|---------------|----------------|
| Field Crops | \$ 167,082,000 | \$ 289,011,630 ** | \$ 378,527,295 | \$341,677,342 | \$ 314,372,200 |
| Acreage | 828,525 | 816,001 | 808,836 | 888.075 | 793,025 |
| Fruit and Nut Crops | 26,847,180 | 37,515,140 ** | 42,738,819 ** | 34,396,194 | 43,045,153 |
| Acreage | 19,508 | 20,330** | 20,664 | 19,562 | 19,641 |
| Livestock and Poultry | 48,965,000 | 75,283,225 ** | 70,917,370 | 63,191,475** | 64,294,591 |
| Livestock and Poultry Products | 74,641,000 | 88,839,600 | 98,802,450 | 103,482,220** | 110,075,676 |
| Seed Crops | 13,840,845 | 25,740,260 | 21,865,195 ** | 32,423,350 | 35,387,995 |
| Acreage | 37,965 | 37,541 | 31,990 ** | 42,901 | 52,228 |
| Vegetable Crops | 9,852,000 | 18,466,000 ** | 18,703,410 | 18,769,000 | 17,021,938 |
| Acreage | 5,985 | 9,733 | 8,186 | 7,268 | 9,005 |
| Nursery Products | 114,000 | 119,000 | 2,688 ** | 4,096 | 98,180 |
| Apiary Products | 1,844,000 | 2,174,000 | 2,877,855 | 4,257,112 | 6,166,939 |
| TOTALS | \$ 343,186,025 | \$ 537,148,855 ** | \$ 635,233,678 | 598,200,789 | \$ 590,462,672 |

**Revised

MILLION DOLLAR CROPS - 1982

| | | | |
|--------------------------|---------------|----------------------|--------------|
| Cotton Lint | \$206,549,950 | Almonds | \$ 3,159,865 |
| Market Milk | 109,774,860 | Honey | 3,121,115 |
| Cattle and Calves | 48,828,463 | Olives | 2,943,575 |
| Cotton Seed | 28,415,540 | Pollination | 2,839,119 |
| Alfalfa Hay | 25,217,135 | Corn | 2,712,080 |
| Certified Alfalfa Seed | 20,316,140 | Other Silage | 2,077,350 |
| Wheat | 17,164,290 | Plums | 1,927,504 |
| Turkeys | 12,636,000 | Sorghum Grain | 1,807,560 |
| Safflower | 11,717,630 | Certified Wheat Seed | 1,742,505 |
| Uncertified Alfalfa Seed | 9,873,300 | Onions | 1,731,600 |
| Peaches | 9,794,310 | Nectarines | 1,660,020 |
| Pistachios | 8,613,040 | Sheep & Lambs | 1,655,028 |
| Grapes | 7,868,685 | Irrigated Pasture | 1,400,000 |
| Lettuce | 7,727,558 | Cantaloupe | 1,276,000 |
| Barley | 7,378,255 | Fresh Tomatoes | 1,263,984 |
| Walnuts | 5,377,456 | Sugar Beets | 1,169,805 |
| Corn Silage | 4,630,735 | Chili Peppers | 1,152,000 |

General Kings County Information

| | |
|-----------------------------------|-----------------|
| County Seat | Hanford |
| County Population | 73,738 |
| Population per Square Mile | 52.9 |
| Total Assessed Value | \$1,699,400,000 |
| Land Area (Square Miles) | 1,396 |
| Total Acres | 893,280 |
| Number of Farms (1978) | 1151 |
| Land in Farms (Acres) | 860,816 |
| Total Cropland (Acres) | 613,373 |
| Irrigated Cropland (Acres) | 556,446 |
| Total Agricultural Work Force | 7,190 |
| Public Ownership of Land (Acres): | |
| Federal | 30,974 (3.5%) |
| State | 3,452 (.4%) |
| County & City | 9,951 (1.1%) |
| School & Special Districts | 4,426 (.4%) |

Agricultural production ranked 10th among California counties and 20th among U.S. counties (Based on 1980 total value).

Railroads - Santa Fe, Southern Pacific

Major Roads - Interstate 5, Highway 41, Highway 43 & Highway 198

Water Sources - Kings River, Tule River, Kaweah River, Kern River
& California Aquaduct

Elevation - 225 to 250 feet above sea level (800 feet in the Kettleman Hills)

Average length of growing season: 257 days

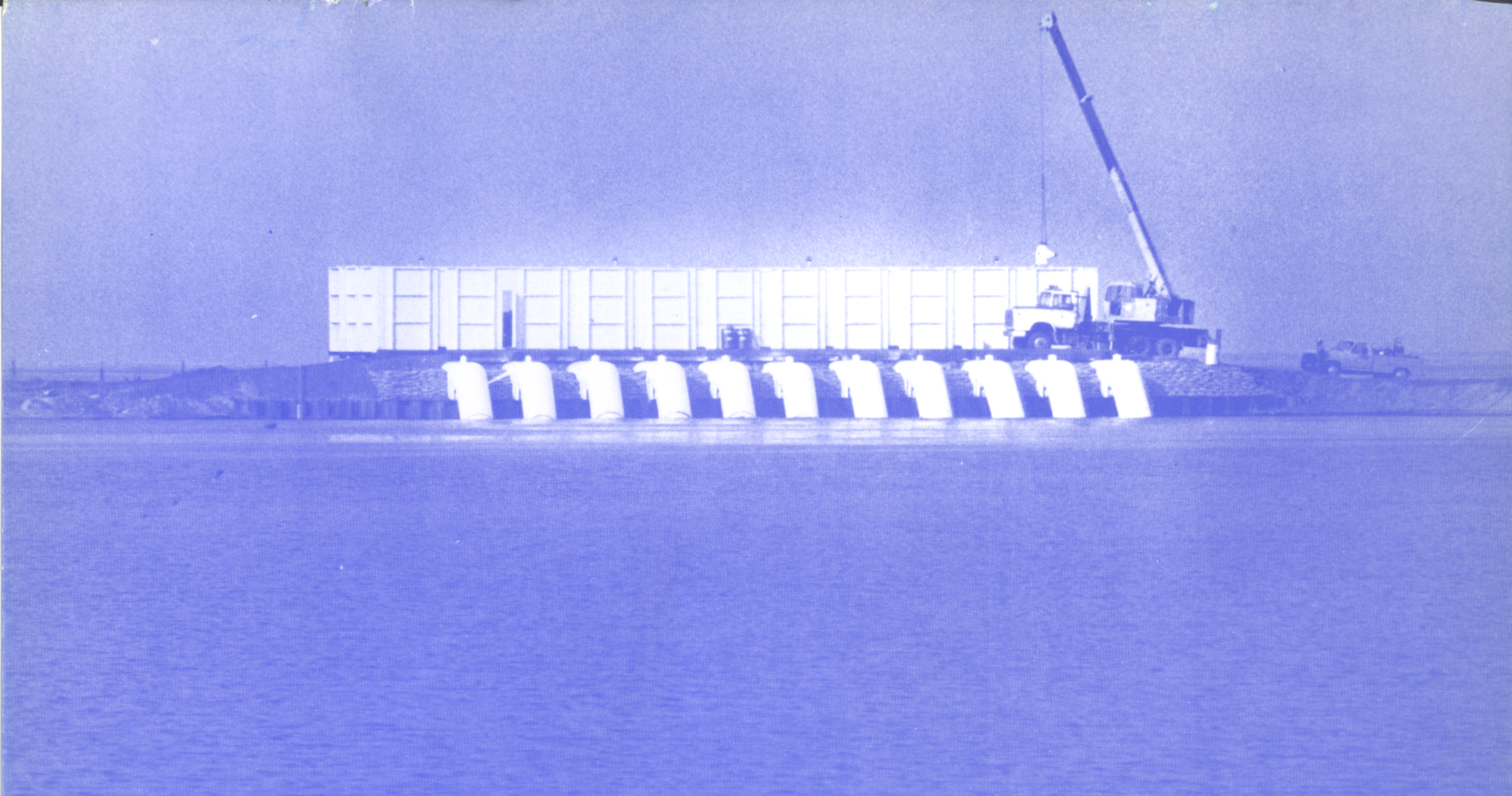
Average date of first fall frost: November 18

Average date of last spring frost: March 3

Average climate: 196 sunny clear days, 74 partly cloudy days, 95 cloudy days

Hanford, California
Rainfall Table

| | June | July | Aug. | Sept | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Total |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------------------|
| 1934-35 | .14 | 0.00 | 0.00 | 0.00 | .61 | 2.60 | 1.84 | 2.50 | 1.72 | 2.06 | 2.05 | 0.00 | 13.52 |
| 1935-36 | 0.00 | 0.00 | 0.00 | .01 | .56 | .40 | .89 | .41 | 4.87 | .97 | .55 | 0.00 | 8.56 |
| 1936-37 | 0.00 | 0.00 | 0.00 | 0.00 | 1.84 | 0.00 | 2.83 | 1.99 | 2.46 | 2.23 | .22 | 0.00 | 11.57 |
| 1937-38 | 0.00 | 0.00 | 0.00 | 0.00 | .11 | .21 | 2.16 | 1.76 | 3.51 | 4.57 | 1.15 | .11 | 13.58 |
| 1938-39 | .17 | .07 | 0.00 | .13 | .19 | .16 | 1.37 | 1.54 | .77 | 1.44 | .91 | 0.00 | 6.75 |
| 1939-40 | .12 | 0.00 | 0.0 | .04 | .57 | .06 | .22 | 3.53 | 3.61 | .99 | .18 | 0.00 | 9.32 |
| 1940-41 | 0.00 | 0.00 | 0.00 | 0.00 | .85 | 0.00 | 3.65 | 1.51 | 3.90 | 1.82 | 2.64 | 0.00 | 14.37 |
| 1941-42 | 0.00 | 0.00 | 0.00 | 0.00 | .86 | .50 | 3.32 | .91 | .88 | .50 | 1.19 | .16 | 8.32 |
| 1942-43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .43 | .86 | 2.74 | 1.14 | 3.36 | .84 | 0.00 | 9.37 |
| 1943-44 | 0.00 | 0.00 | 0.00 | 0.00 | .03 | .21 | 1.03 | 1.30 | 2.80 | .39 | .86 | .28 | 6.90 |
| 1944-45 | 0.00 | 0.00 | 0.00 | .02 | .23 | 2.25 | 1.05 | .27 | 2.69 | 1.81 | .16 | .10 | 8.58 |
| 1945-46 | .18 | 0.00 | 0.00 | .01 | .62 | 1.15 | 1.61 | .34 | 1.52 | 2.57 | .07 | .41 | 8.48 |
| 1946-47 | 0.00 | .11 | 0.00 | 0.00 | 1.49 | 1.10 | 1.64 | .33 | .49 | .51 | .66 | .33 | 6.66 |
| 1947-48 | .01 | 0.00 | 0.00 | 0.00 | .47 | .29 | .51 | 0.00 | .43 | 1.49 | 1.56 | .55 | 5.31 |
| 1948-49 | .53 | 0.00 | 0.00 | 0.00 | 0.00 | .03 | .01 | .99 | .51 | .85 | 1.94 | .07 | 4.93 |
| 1949-50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .60 | .68 | 1.48 | 1.13 | 1.10 | .40 | 5.39 |
| 1950-51 | .07 | 0.00 | .08 | 0.00 | 0.00 | .34 | .63 | 1.06 | 1.24 | .76 | .22 | 1.17 | 5.57 |
| 1951-52 | .02 | 0.00 | 0.00 | 0.00 | .08 | 1.11 | 2.39 | 3.03 | .27 | 2.18 | .79 | .01 | 9.88 |
| 1952-53 | .02 | 0.00 | 0.00 | .17 | .05 | .65 | 2.96 | 1.10 | .27 | .34 | .83 | .29 | 6.68 |
| 1953-54 | .08 | 0.00 | 0.00 | 0.00 | .02 | 1.01 | .09 | 1.89 | .78 | 2.21 | .52 | .34 | 6.94 |
| 1954-55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .66 | 1.61 | 3.25 | 1.31 | .43 | .69 | .90 | 8.85 |
| 1955-56 | 0.00 | 0.00 | 0.00 | 0.00 | .02 | .92 | 4.67 | 1.10 | .38 | .10 | .73 | .77 | 8.69 |
| 1956-57 | .07 | 0.00 | 0.00 | 0.00 | .73 | 0.00 | .15 | 1.39 | 1.22 | .5 | .88 | .61 | 5.60 |
| 1957-58 | 0.00 | 0.00 | 0.00 | 0.00 | .20 | 1.19 | 1.41 | 1.85 | 2.30 | 3.93 | 2.38 | .24 | 13.50 |
| 1958-59 | 0.00 | 0.00 | .11 | .11 | 0.00 | .23 | .16 | 1.35 | 1.90 | .11 | .52 | 0.00 | 4.49 |
| 1959-60 | 0.00 | 0.00 | 0.00 | .11 | 0.00 | 0.00 | .17 | .80 | 1.71 | .61 | .57 | 0.00 | 3.97 |
| 1960-61 | 0.00 | .02 | 0.00 | .53 | 0.00 | 2.61 | .03 | 1.34 | .22 | .67 | .22 | .37 | 6.01 |
| 1961-62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.11 | 1.28 | .71 | 4.88 | 1.06 | 0.00 | .11 | 9.15 |
| 1962-63 | 0.00 | 0.00 | 0.00 | .01 | .10 | 0.00 | .19 | 1.19 | 1.68 | 1.37 | 2.88 | .56 | 7.97 |
| 1963-64 | .17 | 0.00 | 0.00 | .33 | .75 | 1.23 | .31 | .61 | .02 | .94 | .64 | .20 | 5.20 |
| 1964-65 | 0.00 | 0.00 | .34 | 0.00 | .95 | 1.31 | 1.44 | 1.18 | .33 | .33 | 1.57 | 0.00 | 7.45 |
| 1965-66 | 0.00 | 0.00 | .05 | .07 | .05 | 2.15 | 1.97 | .63 | .71 | .10 | 0.00 | .07 | 5.80 |
| 1966-67 | .06 | .04 | 0.00 | .29 | .09 | 1.28 | 2.57 | 1.41 | .05 | 2.42 | 2.95 | .07 | 11.23 |
| 1967-68 | .23 | 0.00 | 0.00 | .31 | 0.00 | 1.99 | .50 | .62 | .64 | 1.00 | .50 | .08 | 5.87 |
| 1968-69 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | .98 | 1.64 | 6.69 | 4.54 | .79 | .85 | .32 | 17.14 |
| 1969-70 | .21 | .07 | .00 | .15 | .05 | .51 | .70 | 1.60 | 1.33 | 1.42 | .14 | .00 | 6.18 |
| 1970-71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.40 | 1.23 | .35 | .19 | .23 | .40 | 1.44 | 6.24 |
| 1971-72 | 0.00 | 0.00 | 0.00 | .04 | .06 | .41 | 1.87 | .04 | .35 | 0.00 | .23 | 0.00 | 3.00 |
| 1972-73 | 0.00 | 0.00 | 0.00 | 2.4 | .21 | 2.90 | .65 | 2.44 | 2.29 | 2.20 | .12 | 0.00 | 11.05 |
| 1973-74 | 0.00 | 0.00 | 0.00 | 0.00 | .76 | .46 | .94 | 2.97 | .13 | 1.75 | .03 | 0.00 | 7.04 |
| 1974-75 | 0.00 | 0.00 | 0.00 | 0.00 | .65 | .24 | 1.40 | .09 | 2.26 | 1.24 | .49 | 0.00 | 6.37 |
| 1975-76 | 0.00 | 0.00 | 0.00 | .98 | .76 | .05 | .22 | 0.00 | 2.94 | .19 | 1.47 | .03 | 6.64 |
| 1976-77 | .01 | 0.00 | .22 | 1.47 | 0.00 | 1.15 | .96 | .96 | .03 | .43 | 0.00 | .01 | 5.24 |
| 1977-78 | .07 | 0.00 | 0.00 | 0.00 | .05 | .06 | 2.85 | 2.22 | 5.05 | 4.12 | 1.71 | 0.00 | 16.13 |
| 1978-79 | 0.00 | 0.00 | 0.00 | 1.10 | 0.00 | .79 | .50 | 1.84 | 1.61 | 1.16 | .03 | 0.00 | 7.03 |
| 1979-80 | 0.00 | .04 | 0.00 | .08 | .41 | .62 | .41 | 2.90 | 2.71 | 1.28 | .05 | .04 | 8.54 |
| 1980-81 | 0.00 | 0.00 | 0.00 | 0.00 | .09 | .00 | .21 | 1.80 | .86 | 2.10 | .68 | .17 | 5.91 |
| 1981-82 | 0.00 | 0.00 | 0.00 | 0.00 | .76 | 1.08 | .29 | -- | -- | -- | -- | -- | ---- |
| 1982-83 | .45 | .18 | .00 | .64 | 1.03 | 2.15 | .71 | | | | | | |
| | | | | | | | | | | | | | 48 Year Total Rainfall 385.68 |
| | | | | | | | | | | | | | Average Rainfall 8.035 in |



AGRICULTURAL CROP REPORT

KINGS COUNTY, CALIFORNIA, 1983

KINGS COUNTY
DEPARTMENT OF AGRICULTURE

** PERSONNEL **

AGRICULTURAL COMMISSIONER-SEALER OF WEIGHTS AND MEASURES

M. HUGH HANDLEY

DEPUTY AGRICULTURAL COMMISSIONER/SEALERS

Lewis H. Brautigam Odis A. Nicholson Leland P. Tos

AGRICULTURAL AND STANDARDS INSPECTORS

| | | |
|---------------|------------------|---------------|
| Edwin L. Rush | Mel Gifford | Bernard Costa |
| Lloyd Bookout | Stephanie Colvin | Jim Dodd |
| Michael Leoni | Steve Reymann | Robert Umino |
| Diane Reeves | Dennis Bray | Buzz Felleke |
| Paul Berry | Kaaren Anderson | |

CLERICAL

Diane O'Daniel Teri Stone Arlene Elsome

X X

CROP REPORT COVER: Pumping stations on the Tulare Lake.

(Photo courtesy of The Hanford Sentinel)



KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS
AND MEASURES

P. O. BOX C - 280 CAMPUS DRIVE

HANFORD, CALIFORNIA 93230

(209) 582-3211

April 1, 1984

Mr. Clare Berryhill, Director
California Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Kings

Gentlemen:

It is my pleasure to submit this 1983 Agricultural Crop Report, which was compiled in accordance with Section 2279 of The California Food and Agricultural Code.

The gross value of agricultural crops and products grown in Kings County during the calendar year 1983 was \$492,625,000., a 16.5% reduction in value from 1982.

Kings County agriculture experienced a disaster in 1983. Heavy seasonal rains and runoff caused extensive flooding to many farms, drastically reducing their agricultural production. The flooding, coupled with acreage and gross value reductions attributed to the Federal set aside and payment in kind programs reduced the 1983 year by \$97,795,000. from 1982.

Field and seed crops sustained reduced acreages overall. Fruit and nut crops together with vegetables, however, showed good yields and value over 1982.

All figures in this report are gross returns and do not indicate net income, or profit received by growers.

A special thanks to the many individuals and organizations for their assistance in contributing their time and information for this report, and to Buzz Felleke of my staff, who compiled this report.

Respectfully submitted,

M. Hugh Handley
Agricultural Commissioner
Sealer of Weights and Measures

MHH:dod

Tulare Lake - A Phantom Lake - It Comes & Goes

In 1983 It Again Came

It was said to be the largest lake west of the Rockies and the time of The Civil War, being 60 miles long and 36 miles wide and covering 800 square miles at a depth of about 22 feet.

During the last century, dams were constructed and the rivers of the nearby Sierra Mountains were diverted for irrigation and flood control. With a few years of light rainfall, the lake gradually receded and dried, and the land was slowly reclaimed from an extensive swampy lake into productive cropland.

But at least eight times during the last century, when spring runoff was heavy, the land would again flood and as much as 90,000 acres of rich cropland would go under water, recreating the lake.

The wet winter of 1983 brought heavy runoff waters again to the Tulare Lake Basin. Extensive crop plantings were flooded and Tulare Lake was filled with about 800,000 acre feet of floodwater.

During 1983, measures were taken to remove the flood water, in order again to prepare the land for agricultural production. A series of pumping stations were installed to lift the water into channels and into the Kings River for its journey on to the San Joaquin River and eventually to the Pacific Ocean.

However, the finding of White Bass, a predator fish, and not established in the San Joaquin Delta, prevented the immediate dewatering of the Tulare Lake Basin, during 1983-84.

After the White Bass spawns in the Tulare Lake, and the young fish grow to finger size, the pumps are scheduled to begin dewatering the flooded farmland. Screens installed in the channels will prevent all fish from entering the rivers downstream. If all goes as scheduled, the phantom Tulare Lake will again disappear, being replaced with many fields of agricultural crops.

ANNUAL CROP REPORT
FOR YEAR 1983

KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

KINGS COUNTY
BOARD OF SUPERVISORS

LESLIE K. BROWN DISTRICT I
JOE HAMMOND DISTRICT II
DOM FARUZZI DISTRICT III
DOYLE DAVIS DISTRICT IV
ABEL MEIRELLES. DISTRICT V

COUNTY ADMINISTRATIVE OFFICER

MILTON D. McCOY

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KINGS COUNTY
 DEPARTMENT OF AGRICULTURE
 280 CAMPUS DRIVE
 HANFORD, CALIFORNIA 93230

FIELD CROPS

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

| CROP | YEAR | HARVESTED ACREAGE | PRODUCTION | | UNIT | PER UNIT | VALUE | |
|----------------------|------|----------------------|-------------|---------|--------------|-------------|--------------|-------|
| | | | PER ACRE | TOTAL | | | TOTAL | TOTAL |
| Barley | 1983 | 30,378 | 1.46 | 44,352 | Ton | \$ 119.00 | \$ 5,278,000 | |
| | 1982 | 42,899 | 1.47 | 63,062 | Ton | \$ 117.00 | \$ 7,378,255 | |
| Corn | 1983 | 9,396 | 3.11 | 29,589 | Ton | 142.00 | 4,150,000 | |
| | 1982 | 17,044 | 1.56 | 26,589 | Ton | 102.00 | 2,712,080 | |
| Cotton Lint | 1983 | 189,815 | 2.05 | 389,121 | 495-lb. Bale | 380.00 | 147,866,000 | |
| | 1982 | 274,361 | 2.36 | 647,492 | 495-lb. Bale | 319.00 | 206,549,950 | |
| Cotton Seed | 1983 | | | 160,512 | Ton | 165.00 | 26,484,000 | |
| | 1982 | | | 281,342 | Ton | 101.00 | 28,415,540 | |
| Cotton Planting Seed | 1983 | | | 2,724 | Ton | 181.00 | 493,000 | |
| | 1982 | | | 5,609 | Ton | 150.00 | 841,350 | |
| Hay Alfalfa | 1983 | 22,150 | 6.05 | 134,007 | Ton | 98.47 | 13,196,000 | |
| | 1982 | 38,097 | 7.88 | 300,204 | Ton | 84.00 | 25,217,135 | |
| Grain | 1983 | 543 | 3.50 | 1,900 | Ton | 65.00 | 125,000 | |
| | 1982 | 2,784 | 3.50 | 9,744 | Ton | 60.00 | 584,640 | |
| Pasture Irrigated | 1983 | 12,000 | | | Acre | 105.00 | 1,260,000 | |
| | 1982 | 12,500 | | | Acre | 112.00 | 1,400,000 | |
| Range | 1983 | 220,000 | | | Acre | 2.00 | 440,000 | |
| | 1982 | 218,000 | | | Acre | 2.00 | 436,000 | |
| Other | 1983 | 45,000 | | | Acre | 18.00 | 810,000 | |
| | 1982 | 44,500 | | | Acre | 18.00 | 801,000 | |
| Safflower | 1983 | 6,680 | 1.24 | 8,283 | Ton | 250.00 | 2,071,000 | |
| | 1982 | 35,390 | 1.10 | 38,929 | Ton | 301.00 | 11,717,630 | |

| | | | | | | | |
|-------------------------|------|---------|-------|---------|-----|----------|---------------|
| Screenings | 1983 | | | 2,670 | Ton | \$ 44.00 | \$ 117,000 |
| | 1982 | | | 4,220 | Ton | 53.00 | 223,660 |
| Silage | | | | | | | |
| | | | | | | | |
| Corn | 1983 | 11,316 | 15.78 | 178,566 | Ton | 16.00 | 2,857,000 |
| | 1982 | 14,950 | 21.10 | 315,445 | Ton | 14.68 | 4,630,735 |
| Other | 1983 | 3,303 | 22.75 | 75,143 | Ton | 15.53 | 1,167,000 |
| | 1982 | 12,044 | 12.32 | 148,382 | Ton | 14.00 | 2,077,350 |
| Sorghum Grain | 1983 | 2,726 | 1.86 | 5,070 | Ton | 114.00 | 578,000 |
| | 1982 | 8,583 | 2.34 | 20,084 | Ton | 90.00 | 1,807,560 |
| Dry Beans | 1983 | 1,894 | 1.07 | 2,026 | Ton | 718.00 | 1,445,000 |
| | 1982 | 1,118 | .90 | 1,006 | Ton | 396.00 | 398,375 |
| Straw | 1983 | | | 16,000 | Ton | 25.00 | 400,000 |
| | 1982 | | | 8,039 | Ton | 35.00 | 281,365 |
| Sugar Beets | 1983 | 2,436 | 21.38 | 52,082 | Ton | 34.00 | 1,771,000 |
| | 1982 | 1,259 | 28.59 | 35,994 | Ton | 32.50 | 1,169,805 |
| Wheat | 1983 | 43,876 | 3.08 | 135,138 | Ton | 131.00 | 17,703,000 |
| | 1982 | 67,022 | 1.97 | 132,033 | Ton | 130.00 | 17,164,290 |
| Miscellaneous <u>a/</u> | 1983 | 2,077 | | | | | 708,000 |
| | 1982 | 2,474 | | | | | 565,480 |
| <hr/> | | | | | | | |
| TOTAL | 1983 | 603,590 | | | | | \$228,929,000 |
| | 1982 | 793,025 | | | | | 314,372,000 |
| <hr/> | | | | | | | |

a/ Oats, Rice

KINGS COUNTY
DEPARTMENT OF AGRICULTURE
280 CAMPUS DRIVE
HANFORD, CALIFORNIA 93230

FIELD CROPS - Cont'd

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER-SEALER

FRUIT AND NUT CROPS

| CROP | YEAR | UTILIZATION | ACREAGE | | PRODUCTION | | VALUE | | |
|----------------------------|----------------|-------------|---------|-------------|------------|---------------|-------------|------------------|-----------|
| | | | BEARING | NON BEARING | PER ACRE | TOTAL TONS | PER TON | TOTAL | |
| Almonds - Meats | 1983 | Dried | 3,756 | 180 | .46 | 1,728 | \$ 2,300.00 | \$ 3,974,000 | |
| | 1982 | Dried | 3,436 | 320 | .57 | 1,959 | 1,613.00 | 3,159,865 | |
| Almonds - Hulls | 1983 | | | | | 2,868 | 75.00 | 215,000 | |
| | 1982 | | | | | 3,252 | 60.00 | 195,120 | |
| Apricots | 1983 | Fresh | | | | 495 | \$ 540.00 | \$ 267,000 | |
| | | Processed | | | | 992 | 108.00 | 107,000 | |
| | | Total | 210 | 6 | 7.08 | 1,487 | | 374,000 | |
| | 1982 | Fresh | | | | 317 | 717.00 | 227,289 | |
| | | Processed | | | | 419 | 150.00 | 62,850 | |
| | | Total | 143 | 61 | 5.15 | <u>736</u> | | <u>290,139</u> | |
| Grapes Raisin Varieties | 1983 | Fresh | | | | 834 | 725.00 | 605,000 | |
| | | Dried | | | | 3,057 | 1,000.00 | 3,057,000 | |
| | | Crushed | | | | 13,085 | 110.00 | 1,439,000 | |
| | | Total | 2,316 | 188 | | 16,976 | | 5,101,000 | |
| | 1982 | Fresh | | | | 828 | 695.00 | 575,460 | |
| | | Dried | | | | 2,973 | 1,300.00 | 3,864,900 | |
| | | Crushed | | | | 12,714 | 117.00 | 1,487,538 | |
| | | Total | 2,247 | 257 | | <u>16,515</u> | | <u>5,927,898</u> | |
| | Wine Varieties | 1983 | Crushed | 1,290 | 159 | 7.30 | 9,417 | 141.00 | 1,328,000 |
| | | 1982 | Crushed | 1,074 | 375 | 10.55 | 11,331 | 124.00 | 1,405,045 |
| Table Varieties | 1983 | Fresh | 122 | 83 | 9.60 | 1,171 | 820.00 | 960,000 | |
| | 1982 | Fresh | 112 | 93 | 6.04 | 676 | 794.00 | 536,745 | |
| Total - All Grapes | 1983 | | 3,728 | 430 | | | | 7,389,000 | |
| | 1982 | | 3,433 | 725 | | | | 7,868,685 | |
| Kiwi | 1983 | Fresh | 166 | 81 | 4.58 | 760 | 1,900.00 | 1,444,000 | |
| | 1982 | Fresh | 179 | 87 | 2.92 | 523 | 1,857.00 | 971,210 | |
| Nectarines | 1983 | Fresh | 887 | 300 | 7.87 | 6,981 | 460.00 | 3,211,000 | |
| | 1982 | Fresh | 748 | 379 | 7.60 | 5,685 | 292.00 | 1,660,000 | |

| | | | | | | | | |
|-------------------------|------|-----------------------------|--------|-------|-------|--------------------------------|------------------|---|
| Olives | 1983 | | 1,146 | 0 | 4.94 | 5,661 | \$ 557.00 | \$ 3,153,000 |
| | 1982 | | 1,167 | 0 | 5.31 | 6,197 | 475.00 | 2,943,575 |
| Peaches | | | | | | | | |
| Clingstone | 1983 | Processed | 1,293 | 160 | 15.50 | 20,041 | 149.00 | 2,986,000 |
| | 1982 | Processed | 1,255 | 198 | 20.00 | 25,100 | 190.00 | 4,769,000 |
| Freestone | 1983 | Fresh Processed Total | 1,378 | 404 | 10.30 | 14,193 | 477.00 | 6,770,000 |
| | 1982 | Fresh Processed Total | 1,333 | 449 | 8.10 | 10,657 140 <u>10,797</u> | 470.00 118.00 | 5,008,790 16,520 <u>5,025,310</u> |
| Total - All Peaches | 1983 | | 2,671 | 564 | | 30,087 | | 9,756,000 |
| | 1982 | | 2,588 | 647 | | 35,897 | | 9,794,310 |
| Pistachios | 1983 | Dried | 3,386 | 789 | .52 | 1,760 | 3,220.00 | 5,667,000 |
| | 1982 | Dried | 2,852 | 1,013 | 1.00 | 2,852 | 3,020.00 | 8,613,040 |
| Plums | 1983 | Fresh | 1,205 | 281 | 4.90 | 5,904 | 619.00 | 3,655,000 |
| | 1982 | Fresh | 1,057 | 426 | 2.15 | 2,273 | 848.00 | 1,927,504 |
| Pomegranates | 1983 | Fresh | 188 | 11 | 4.01 | 754 | 550.00 | 415,000 |
| Walnuts | 1983 | Dried | 4,516 | 514 | 0.98 | 4,425 | 665.00 | 2,943,000 |
| | 1982 | Dried | 3,829 | 250 | 1.32 | 5,054 | 1,064.00 | 5,377,456 |
| Miscellaneous <u>a/</u> | 1983 | | 229 | 59 | | | | 288,000 |
| | 1982 | | 209 | 38 | | | | 244,229 |
| <hr/> | | | | | | | | |
| TOTAL | 1983 | | 28,487 | 4,209 | | | | 42,484,000 |
| | 1982 | | 19,641 | 3,946 | | | | 43,045,153 |
| <hr/> | | | | | | | | |

a/ Asian Pear, Pecans, Persimmons, Quince, Prunes

**Revised

KINGS COUNTY
DEPARTMENT OF AGRICULTURE
280 CAMPUS DRIVE
HANFORD, CALIFORNIA 93230

FRUIT AND NUT CROPS - Cont'd.

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER-SEALER

KINGS COUNTY
 DEPARTMENT OF AGRICULTURE
 280 CAMPUS DRIVE
 HANFORD, CALIFORNIA 93230

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

VEGETABLE CROPS

| CROP | YEAR | UTILIZATION | HARVESTED ACREAGE | PRODUCTION | | UNIT | PER UNIT | VALUE | |
|-------------------------|------|-------------|----------------------|-------------|-----------|---------------|-------------|---------------|-------|
| | | | | PER ACRE | TOTAL | | | PER UNIT | TOTAL |
| Cantaloupes | 1983 | Fresh | 2,510 | 552 | 1,385,000 | 40 lb. Crate | \$ 4.37 | \$ 6,055,000 | |
| | 1982 | Fresh | 1,600 | 319 | 510,000 | 70 lb. Crate | 2.50 | 1,276,000 | |
| Lettuce | 1983 | Fresh | 1,693 | 889 | 1,505,077 | 43 lb. Carton | 6.00 | 9,031,000 | |
| | 1982 | Fresh | 2,760 | 614 | 1,694,640 | 43 lb. Carton | 4.56 | 7,727,558 | |
| Onions | 1983 | Proc | 728 | 14.20 | 10,338 | Ton | 72.00 | 744,000 | |
| | 1982 | Proc. | 1,443 | 16.00 | 23,088 | Ton | 75.00 | 1,731,600 | |
| Tomatoes | 1983 | Proc. | 2,278 | 25.80 | 58,772 | Ton | 53.00 | 3,156,000 | |
| Tomatoes | 1983 | Fresh | 370 | 16.00 | 5,920 | Ton | 312.00 | 1,847,000 | |
| | 1982 | Fresh | 243 | 12.75 | 3,098 | Ton | 408.00 | 1,263,984 | |
| Watermelons | 1983 | Fresh | 345 | 16.00 | 5,520 | Ton | 61.00 | 337,000 | |
| | 1982 | Fresh | 204 | 16.00 | 3,264 | Ton | 70.00 | 228,480 | |
| Miscellaneous <u>a/</u> | 1983 | | 2,137 | | | | | 2,904,000 | |
| | 1982 | | 2,143 | | | | | 3,642,316 | |
| TOTAL | 1983 | | 10,061 | | | | | \$ 24,074,000 | |
| | 1982 | | 9,005 | | | | | 17,021,938 | |

a/ Includes Asparagus, Broccoli, Cabbage, Cauliflower, Carrot, Garlic, Egg Plant, Misc. Melon, Bell Peppers, Potatoes, Squash and Strawberries

KINGS COUNTY
 DEPARTMENT OF AGRICULTURE
 280 CAMPUS DRIVE
 HANFORD, CALIFORNIA 93230

SEED CROPS

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

| CROP | YEAR | HARVESTED ACREAGE | PRODUCTION | | UNIT | PER UNIT | VALUE | |
|-------------------------|------|----------------------|-------------|------------|------|-------------|---------------|-------|
| | | | PER ACRE | TOTAL | | | TOTAL | TOTAL |
| Certified Seed | | | | | | | | |
| Alfalfa | 1983 | 15,265 | 630 | 9,616,950 | lb. | \$ 1.12 | \$ 10,771,000 | |
| | 1982 | 28,566 | 635 | 18,139,140 | lb. | 1.12 | 20,316,140 | |
| Barley | 1983 | 576 | 2,920 | 1,681,920 | lb. | 0.14 | 235,000 | |
| | 1982 | 2,509 | 2,940 | 7,376,460 | lb. | .06 | 442,590 | |
| Wheat | 1983 | 2,045 | 6,160 | 12,597,200 | lb. | 0.11 | 1,386,000 | |
| | 1982 | 6,318 | 3,940 | 24,892,920 | lb. | .07 | 1,742,505 | |
| Other Seed | | | | | | | | |
| Lettuce | 1983 | 169 | 556 | 93,964 | lb. | 2.35 | 221,000 | |
| | 1982 | 213 | 498 | 106,074 | lb. | 3.13 | 332,010 | |
| Uncertified Alfalfa | 1983 | 7,647 | 630 | 4,817,610 | lb. | 1.09 | 5,251,000 | |
| | 1982 | 14,135 | 635 | 8,975,725 | lb. | 1.10 | 9,873,300 | |
| Miscellaneous <u>a/</u> | 1983 | 292 | | | | | 231,000 | |
| | 1982 | 487 | | | | | 2,681,450 | |
| TOTAL | 1983 | 25,994 | | | | | \$ 18,095,000 | |
| | 1982 | 52,228 | | | | | 35,387,995 | |

a/ Blackeye Peas, Broccoli, Cabbage, Egg Plant, Flower, Onion & Watermelon

| | YEAR | Acres | NURSERY PRODUCTS | | Unit | Per Unit | Total |
|------------------------|------|-------|------------------|------|-------|----------|----------|
| | | | Quantity | Sold | | | |
| Dec. Fruit & Nut Trees | 1983 | 3 | 8,000 | | Plant | 4.50 | \$36,000 |
| | 1982 | 26 | 121,500 | | Plant | .78 | 94,700 |
| Vegetable & Flower | 1983 | 1 | 2,100 | | Plant | 6.80 | 14,000 |
| | 1982 | 2 | 2,200 | | Plant | 1.55 | 3,410 |
| Plants in Flats, Bulbs | 1983 | | | | | | 50,000 |
| | 1982 | 28 | 123,700 | | | | 98,180 |
| Total | | | | | | | |

LIVESTOCK AND POULTRY

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

| ITEM | YEAR | PRODUCTION | | UNIT | PER UNIT | VALUE | |
|-------------------------|------|-------------|------------------|------|----------|---------------|---------------|
| | | NO. OF HEAD | TOTAL LIVEWEIGHT | | | TOTAL | TOTAL |
| Cattle & Calves | 1983 | 129,354 | 787,802 | Cwt. | \$ 60.91 | \$ 47,985,000 | |
| | 1982 | 130,014 | 822,028 | Cwt. | 59.40 | | 48,828,463 |
| Sheep & Lambs | 1983 | 24,520 | 25,746 | Cwt. | 62.00 | 1,596,000 | |
| | 1982 | 26,882 | 29,660 | Cwt. | 55.80 | | 1,655,028 |
| Hogs & Pigs | 1983 | 1,148 | 214,446 | lb. | .54 | | 116,000 |
| | 1982 | 1,300 | 286,000 | lb. | .58 | | 165,880 |
| Turkeys | 1983 | 1,183,547 | 27,221,581 | lb. | .40 | 10,889,000 | |
| | 1982 | 1,620,000 | 32,400,000 | lb. | .39 | | 12,636,000 |
| Fish - Catfish | 1983 | | 20,938 | lb. | 1.70 | | 36,000 |
| | 1982 | | 263,500 | lb. | 1.70 | | 447,950 |
| Miscellaneous <u>a/</u> | 1983 | | | | | | 1,531,000 |
| | 1982 | | | | | | 561,270 |
| TOTAL | 1983 | | | | | | \$ 62,153,000 |
| | 1982 | | | | | | 64,294,591 |

a/ Geese, Fryers, Other Chickens, Chicken Eggs
 **Revised

INVENTORIES OF LIVESTOCK & POULTRY (In Number of Head)

| ITEM | January 1, 1983 | January 1, 1984 |
|----------------------------|-----------------|-----------------|
| Milk Cows 2 Years and Over | 59,961 | 59,085 |
| Cattle and Calves On Feed | 4,595 | 8,354 |
| Other Cattle and Calves | 53,361 | 136,384 |
| Total | <u>117,917</u> | <u>203,823</u> |
| Sheep and Lambs | 28,938 | 14,978 |
| Hogs and Pigs | 520 | 353 |
| Hens and Pullets | 210,000 | 197,500 |

LIVESTOCK AND POULTRY PRODUCTS

| ITEM | YEAR | PRODUCTION | UNIT | PER UNIT | VALUE | |
|---------------|------|------------|------|----------|-------|---------------|
| | | | | | | TOTAL |
| Milk Market | 1983 | 8,665,000 | Cwt. | \$ 12.89 | | \$111,692,000 |
| | 1982 | 8,229,000 | Cwt. | 13.34 | | 109,775,000 |
| Manufacturing | 1983 | 40,000 | Cwt. | 12.13 | | 485,000 |
| | 1982 | 20,700** | Cwt. | 12.42 | | 258,000** |
| Wool | 1983 | 129,645 | lb. | .70 | | 91,000 |
| | 1982 | 245,974 | lb. | .92 | | 226,296 |
| TOTAL | 1983 | | | | | \$112,268,000 |
| | 1982 | | | | | 110,033,000** |

APIARY PRODUCTS

| ITEM | YEAR | PRODUCTION | UNIT | PER UNIT | VALUE | |
|-------------|------|------------|------|----------|-------|--------------|
| | | | | | | TOTAL |
| Honey | 1983 | 5,004,720 | lb. | .56 | | \$ 2,803,000 |
| | 1982 | 5,475,640 | lb. | .57 | | 3,121,115 |
| Beeswax | 1983 | 83,412 | lb. | 1.20 | | 101,000 |
| | 1982 | 136,891 | lb. | 1.51 | | 206,705 |
| Pollination | 1983 | 83,412 | Col. | 20.00 | | 1,668,000 |
| | 1982 | 136,891 | Col. | 20.74 | | 2,839,119 |
| TOTAL | 1983 | | | | | \$ 4,572,000 |
| | 1982 | | | | | 6,166,939 |

** Revised

KINGS COUNTY
 DEPARTMENT OF AGRICULTURE
 280 CAMPUS DRIVE
 HANFORD, CALIFORNIA 93230

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

1983 CROP SUMMARY

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

| | | | |
|--------------------------------|----------------|------------------|---------------|
| Field Crops | \$ 228,929,000 | Seed Crops | \$ 18,095,000 |
| Fruit and Nut Crops | \$ 42,484,000 | Vegetable Crops | \$ 24,074,000 |
| Livestock and Poultry | \$ 62,153,000 | Nursery Products | \$ 50,000 |
| Livestock and Poultry Products | \$ 112,268,000 | Apiary Products | \$ 4,572,000 |
| GRAND TOTAL | | \$ 492,625,000 | |

5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

| | 1979 | 1980 | 1981 | 1982 | 1983 |
|--------------------------------|-------------------|----------------|---------------|------------------|----------------|
| Field Crops | \$ 289,011,630 ** | \$ 378,527,295 | \$341,677,342 | \$ 314,372,000 | \$ 228,929,000 |
| Acreage | 816,001 | 808,836 | 888.075 | 793,025 | 603,000 |
| Fruit and Nut Crops | 37,515,140 ** | 42,738,819 ** | 34,396,194 | 43,045,000 | 42,484,000 |
| Acreage | 20,330** | 20,664 | 19,562 | 19,641 | 32,696 |
| Livestock and Poultry | 75,283,225 ** | 70,917,370 | 63,191,475** | 64,295,000 | 62,153,000 |
| Livestock and Poultry Products | 88,839,600 | 98,802,450 | 103,482,220** | 110,033,000** | 112,268,000 |
| Seed Crops | 25,740,260 | 21,865,195 ** | 32,423,350 | 35,388,000 | 18,095,000 |
| Acreage | 37,541 | 31,990 ** | 42,901 | 52,228 | 25,994 |
| Vegetable Crops | 18,466,000 ** | 18,703,410 | 18,769,000 | 17,022,000 | 24,074,000 |
| Acreage | 9,733 | 8,186 | 7,268 | 9,005 | 10,061 |
| Nursery Products | 119,000 | 2,688 ** | 4,096 | 98,000 | 50,000 |
| Apiary Products | 2,174,000 | 2,877,855 | 4,257,112 | 6,167,000 | 4,572,000 |
| TOTALS | \$ 537,148,855 ** | \$ 635,233,678 | \$598,200,789 | \$ 590,420,000** | \$ 492,625,000 |

**Revised

General Kings County Information

| | |
|-------------------------------|-----------------|
| County Seat | Hanford |
| County Population | 73,738 |
| Population per Square Mile | 52.9 |
| Total Assessed Value | \$1,748,615,339 |
| Land Area (Square Miles) | 1,396 |
| Total Acres | 893,280 |
| Number of Farms (1978) | 1151 |
| Land in Farms (Acres) | 860,816 |
| Total Cropland (Acres) | 613,373 |
| Irrigated Cropland (Acres) | 556,446 |
| Total Agricultural Work Force | 7,190 |

Public Ownership of Land (Acres):

| | | |
|----------------------------|--------|--------|
| Federal | 30,974 | (3.5%) |
| State | 3,452 | (.4%) |
| County & City | 9,951 | (1.1%) |
| School & Special Districts | 4,426 | (.4%) |

Agricultural production ranked 10th among California counties and 20th among U.S. counties (Based on 1980 total value).

Railroads - Santa Fe, Southern Pacific

Major Roads - Interstate 5, Highway 41, Highway 43 & Highway 198

Water Sources - Kings River, Tule River, Kaweah River, Kern River & California Aquaduct

Elevation - 225 to 250 feet above sea level (800 feet in the Kettleman Hills)

Average length of growing season: 257 days

Average date of first fall frost: November 18

Average date of last spring frost: March 3

Average climate: 196 sunny clear days, 74 partly cloudy days, 95 cloudy days

MILLION DOLLAR CROPS - 1983

| | | | |
|--------------------------|----------------|----------------------|--------------|
| Cotton Lint | \$ 147,866,000 | Plums | \$ 3,655,000 |
| Market Milk | 111,692,000 | Nectarines | 3,211,000 |
| Cattle and Calves | 47,985,000 | Processed Tomatoes | 3,156,000 |
| Cotton Seed | 26,484,000 | Olives | 3,153,000 |
| Wheat | 17,703,000 | Walnuts | 2,943,000 |
| Alfalfa Hay | 13,196,000 | Corn Silage | 2,857,000 |
| Turkeys | 10,889,000 | Honey | 2,803,000 |
| Certified Alfalfa Seed | 10,771,000 | Safflower | 2,071,000 |
| Peaches | 9,756,000 | Fresh Tomatoes | 1,847,000 |
| Lettuce | 9,031,000 | Sugar Beets | 1,771,000 |
| Grapes | 7,097,000 | Pollination | 1,668,000 |
| Cantaloupe | 6,055,000 | Sheep & Lambs | 1,596,000 |
| Pistachios | 5,667,000 | Dried Beans | 1,455,000 |
| Barley | 5,278,000 | Kiwi | 1,444,000 |
| Uncertified Alfalfa Seed | 5,251,000 | Certified Wheat Seed | 1,386,000 |
| Corn | 4,150,000 | Irrigated Pasture | 1,260,000 |
| Almonds | 3,974,000 | Other Silage | 1,167,000 |



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4

AGRICULTURAL CROP REPORT

KINGS COUNTY, CALIFORNIA

KINGS COUNTY
DEPARTMENT OF AGRICULTURE

** PERSONNEL **

AGRICULTURAL COMMISSIONER-SEALER OF WEIGHTS AND MEASURES

M. HUGH HANDLEY

DEPUTY AGRICULTURAL COMMISSIONER/SEALERS

Lewis H. Brautigam

Leland P. Tos

DEPUTY SEALER OF WEIGHTS AND MEASURES

Monty H. Hopper

AGRICULTURAL AND STANDARDS INSPECTORS

Edwin L. Rush

Mel Gifford

Bernard Costa

Lloyd Bookout

Stephanie Colvin

Jim Dodd

Michael Leoni

Alfredo Prieto

Robert Umino

Diane Perry

Dennis Bray

Buzz Felleke

Paul Berry

Kaaren Anderson

Dan Lynch

CLERICAL

Diane O'Daniel

Arlene Elsome

Sally Navarro

X X

CROP REPORT COVER: Number 289 world record lifetime milk producer.
(See enclosed story)

(Photo courtesy of M.G. Maciel and Son)



KINGS COUNTY

DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS
AND MEASURES

P. O. BOX C - 280 CAMPUS DRIVE

HANFORD, CALIFORNIA 93230

(209) 582-3211

April 1, 1985

Mr. Clare Berryhill, Director
California Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Kings

Gentlemen:

It is my pleasure to submit this 1984 Agricultural Crop Report, which was compiled in accordance with Section 2279 of The California Food and Agricultural Code.

The gross value of agricultural crops and products grown in Kings County during the calendar year 1984, was \$569,716,000., an increase of over 15.8% from 1983.

The majority of crops and commodities reflected increased values totaling nearly 78 million dollars over 1983.

Cotton, Kings County's leading field crop, led all other crops with a value of over 213 million dollars (including seed), due to increased acreage.

Substantial increases were reflected in livestock and poultry products, seed crops and nut crops. However, vegetable crops reflected declining values from reduced acreages, and most fruit crops declined in value due to depressed prices.

I must emphasize that all figures in this report are gross returns and do not indicate net profit received by growers.

This report could not have been possible without the many individuals and organizations who contributed their time and information. A special thanks is expressed to Buzz Felleke of my staff, who compiled the report.

Respectfully submitted,

M. Hugh Handley
Agricultural Commissioner
Sealer of Weights and Measures

MHH:dod

In Memory Of Cow - 289
Born 9-6-64 Died 5-1-84
World Record Lifetime Milk Producer

Owner
M.G. Maciel And Son Dairy

She did not have any fancy name and she was called Number 289. Owned by the M.G. Maciel and Son Dairy Number 289, who died, (last year) was the world's most productive cow.

The 19 year old "grade" Holstein cow gave more milk than any other cow in the world. During her lifetime she produced more than 54,070 gallons of milk, enough to fill more than eight 60 foot tanker trucks. That is about seven gallons of milk a day. The cow lived nearly four times longer than the average Holstein cow, and produced more than nine times the amount of milk the average cow would give in her lifetime.

There was only one registered Holstein cow from Ohio, known as Breezewood Patsy Bar Pontiac, who was very competitive to Number 289 by producing 425,769 pounds of milk in her lifetime. But three years ago Number 289 took over the undisputed title of being the highest milk producer by producing 465,224 pounds of milk.

Number 289 had 13 calves, 11 were bulls. The memory of Number 289 will be with many people around the world in the milk industry for years to come.

The cow was buried right next to the milking barn where she gave so much milk. The dairyman has placed a plaque over her grave in the memory of her and the tag bearing her Number 289 will also be retired and not be used again.

ANNUAL CROP REPORT
FOR YEAR 1984

KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

KINGS COUNTY
BOARD OF SUPERVISORS

LESLIE K. BROWN DISTRICT I
JOE HAMMOND DISTRICT II
DOM FARUZZI DISTRICT III
DOYLE DAVIS DISTRICT IV
ABEL MEIRELLES. DISTRICT V

COUNTY ADMINISTRATIVE OFFICER

MILTON D. McCOY

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KINGS COUNTY
 DEPARTMENT OF AGRICULTURE
 280 CAMPUS DRIVE
 HANFORD, CALIFORNIA 93230

FIELD CROPS

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

| CROP | YEAR | HARVESTED ACREAGE | PRODUCTION | | UNIT | PER UNIT | VALUE | |
|----------------------|------|----------------------|-------------|---------|--------------|-------------|-------|-------------|
| | | | PER ACRE | TOTAL | | | | TOTAL |
| Barley | 1984 | 18,621 | 1.75 | 32,587 | Ton | \$ 128.00 | \$ | 4,171,000 |
| | 1983 | 30,378 | 1.46 | 44,352 | Ton | 119.00 | | 5,278,000 |
| Corn | 1984 | 13,090 | 4.43 | 57,989 | Ton | 122.00 | | 7,075,000 |
| | 1983 | 9,396 | 3.11 | 29,589 | Ton | 142.00 | | 4,150,000 |
| Cotton Lint | 1984 | 267,292 | 2.00 | 534,584 | 495-lb. Bale | 351.00 | | 187,639,000 |
| | 1983 | 189,815 | 2.05 | 389,121 | | 380.00 | | 147,866,000 |
| Cotton Seed | 1984 | | | 220,515 | Ton | 117.00 | | 25,800,000 |
| | 1983 | | | 160,512 | Ton | 165.00 | | 26,484,000 |
| Cotton Planting Seed | 1984 | | | 2,901 | Ton | 145.00 | | 421,000 |
| | 1983 | | | 2,724 | Ton | 181.00 | | 493,000 |
| Hay Alfalfa | 1984 | 26,006 | 7.96 | 207,007 | Ton | 80.00 | | 16,561,000 |
| | 1983 | 22,150 | 6.05 | 134,007 | Ton | 98.47 | | 13,196,000 |
| Grain | 1984 | 565 | 4.00 | 2,260 | Ton | 65.00 | | 147,000 |
| | 1983 | 543 | 3.50 | 1,900 | Ton | 65.00 | | 125,000 |
| Pasture Irrigated | 1984 | 13,000 | | | Acre | 108.00 | | 1,404,000 |
| | 1983 | 12,000 | | | | 105.00 | | 1,260,000 |
| Range | 1984 | 223,000 | | | Acre | 2.00 | | 446,000 |
| | 1983 | 220,000 | | | | 2.00 | | 440,000 |
| Other | 1984 | 48,000 | | | Acre | 18.00 | | 864,000 |
| | 1983 | 45,000 | | | | 18.00 | | 810,000 |
| Safflower | 1984 | 21,865 | 0.93 | 20,334 | Ton | 275.00 | | 5,592,000 |
| | 1983 | 6,680 | 1.24 | 8,283 | Ton | 250.00 | | 2,071,000 |

| | | | | | | | |
|-------------------------|------|---------|-------|---------|-----|----------|---------------|
| Screenings | 1984 | | | 2,537 | Ton | \$ 43.00 | \$ 109,000 |
| | 1983 | | | 2,670 | Ton | 44.00 | 117,000 |
| Silage Corn | 1984 | 9,981 | 21.00 | 209,601 | Ton | 15.00 | 3,144,000 |
| | 1983 | 11,316 | 15.78 | 178,566 | Ton | 16.00 | 2,857,000 |
| Other | 1984 | 860 | 16.00 | 13,760 | Ton | 14.00 | 193,000 |
| | 1983 | 3,303 | 22.75 | 75,143 | Ton | 15.53 | 1,167,000 |
| Sorghum Grain | 1984 | 1,846 | 2.48 | 4,578 | Ton | 113.00 | 517,000 |
| | 1983 | 2,726 | 1.86 | 5,070 | Ton | 114.00 | 578,000 |
| Dry Beans | 1984 | 1,946 | 1.02 | 1,985 | Ton | 576.00 | 1,143,000 |
| | 1983 | 1,894 | 1.07 | 2,026 | Ton | 718.00 | 1,445,000 |
| Sugar Beets | 1984 | 1,622 | 23.76 | 38,539 | Ton | 33.00 | 1,272,000 |
| | 1983 | 2,436 | 21.38 | 52,082 | Ton | 34.00 | 1,771,000 |
| Wheat | 1984 | 51,962 | 3.14 | 163,161 | Ton | 123.00 | 20,069,000 |
| | 1983 | 43,876 | 3.08 | 135,138 | Ton | 131.00 | 17,703,000 |
| Miscellaneous <u>a/</u> | 1984 | 1,271 | | | | | 596,000 |
| | 1983 | 2,077 | | | | | 708,000 |
| <hr/> | | | | | | | |
| TOTAL | 1984 | 700,927 | | | | | \$277,163,000 |
| | 1983 | 603,590 | | | | | \$228,929,000 |
| <hr/> | | | | | | | |

a/ Oats, Rice

KINGS COUNTY
DEPARTMENT OF AGRICULTURE
280 CAMPUS DRIVE
HANFORD, CALIFORNIA 93230

FIELD CROPS - Cont'd

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER-SEALER

FRUIT AND NUT CROPS

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

| CROP | YEAR | UTILIZATION | ACREAGE | | PRODUCTION | | VALUE | |
|----------------------------|---------|-------------|---------|-------------|------------|------------|-------------|--------------|
| | | | BEARING | NON BEARING | PER ACRE | TOTAL TONS | PER TON | TOTAL |
| Almonds | 1984 | Dried | 3,872 | 116 | .94 | 3,640 | \$ 1,700.00 | \$ 6,188,000 |
| | 1983 | Dried | 3,756 | 180 | .46 | 1,728 | 2,300.00 | 3,974,000 |
| Almonds - Hulls | 1984 | | | | | 1,930 | 65.00 | 125,000 |
| | 1983 | | | | | 2,868 | 75.00 | 215,000 |
| Apricots | 1984 | Fresh | | | | 1,250 | 773.00 | 966,000 |
| | | Processed | | | | 600 | 258.00 | 155,000 |
| | Total | 236 | 47 | 7.84 | 1,850 | | 1,121,000 | |
| | 1983 | Fresh | | | | 495 | 540.00 | 267,000 |
| Processed | | | | | 992 | 108.00 | 107,000 | |
| Total | 210 | 6 | 7.08 | 1,487 | | 374,000 | | |
| Grapes Raisin Varieties | 1984 | Fresh | | | | 836 | 522.00 | 436,000 |
| | | Dried | | | | 3,064 | 845.00 | 2,589,000 |
| | Crushed | | | | 13,110 | 115.00 | 1,508,000 | |
| | Total | 2,379 | 82 | | 17,010 | | 4,533,000 | |
| 1983 | Fresh | | | | 834 | 725.00 | 605,000 | |
| | Dried | | | | 3,057 | 1,000.00 | 3,057,000 | |
| Crushed | | | | 13,085 | 110.00 | 1,439,000 | | |
| Total | 2,316 | 188 | | 16,976 | | 5,101,000 | | |
| Wine Varieties | 1984 | Crushed | 1,117 | 301 | 8.75 | 9,774 | 100.00 | 977,000 |
| | 1983 | Crushed | 1,290 | 159 | 7.30 | 9,417 | 141.00 | 1,328,000 |
| Table Varieties | 1984 | Fresh | 122 | 83 | 10.80 | 1,318 | 866.00 | 1,141,000 |
| | 1983 | Fresh | 122 | 83 | 9.60 | 1,171 | 820.00 | 960,000 |
| Total - All Grapes | 1984 | | 3,618 | 466 | | | | 6,651,000 |
| | 1983 | | 3,728 | 430 | | | | 7,389,000 |
| Kiwi | 1984 | Fresh | 178 | 101 | 5.47 | 974 | 2,264.00 | 2,205,000 |
| | 1983 | Fresh | 166 | 81 | 4.58 | 760 | 1,900.00 | 1,444,000 |
| Nectarines | 1984 | Fresh | 1,187 | 271 | 7.87 | 9,342 | 378.00 | 3,531,000 |
| | 1983 | Fresh | 887 | 300 | 7.87 | 6,981 | 460.00 | 3,211,000 |

| | | | | | | | | |
|-------------------------|------|-----------------------------|---------|-------|-------|--------|-----------|--------------|
| Olives | 1984 | | 1,146 | 0 | 4.06 | 4,653 | \$ 533.00 | \$ 2,480,000 |
| | 1983 | | 1,146 | 0 | 4.94 | 5,661 | 557.00 | 3,153,000 |
| Peaches | | | | | | | | |
| Clingstone | 1984 | Processed | 1,293 | 160 | 20.00 | 25,860 | 182.00 | 4,707,000 |
| | 1983 | Processed | 1,293 | 160 | 15.50 | 20,041 | 149.00 | 2,986,000 |
| Freestone | 1984 | Fresh Processed Total | 1,378 | 404 | 9.40 | 12,953 | 357.00 | 4,624,000 |
| | 1983 | Fresh Processed Total | 1,378 | 404 | 10.30 | 14,193 | 477.00 | 6,770,000 |
| Total - All Peaches | 1984 | | 2,671 | 564 | | 38,813 | | 9,331,000 |
| | 1983 | | 2,671 | 564 | | 30,087 | | 9,756,000 |
| Pistachios | 1984 | Dried | 2,674 | 1,326 | 1.15 | 3,075 | 2,300.00 | 7,073,000 |
| | 1983 | Dried | 2,671** | 852 | .57 | 1,522 | 3,220.00 | 4,902,000 |
| Plums | 1984 | Fresh | 1,486 | 504 | 5.70 | 8,470 | 336.00 | 2,846,000 |
| | 1983 | Fresh | 1,205 | 281 | 4.90 | 5,904 | 619.00 | 3,655,000 |
| Pomegranates | 1984 | Fresh | 189 | 10 | 4.85 | 917 | 404.00 | 370,000 |
| | 1983 | Fresh | 188 | 11 | 4.01 | 754 | 550.00 | 415,000 |
| Walnuts | 1984 | Dried | 5,016 | 882 | 1.66 | 8,326 | 747.00 | 6,220,000 |
| | 1983 | Dried | 4,516 | 514 | 0.98 | 4,425 | 665.00 | 2,943,000 |
| Miscellaneous <u>a/</u> | 1984 | | 226 | 165 | | | | 225,000 |
| | 1983 | | 229 | 59 | | | | 288,000 |
| <hr/> | | | | | | | | |
| TOTAL | 1984 | | 22,499 | 4,452 | | | | 48,366,000 |
| | 1983 | | 28,487 | 4,209 | | | | 42,484,000 |
| <hr/> | | | | | | | | |

a/ Asian Pear, Pecans, Persimmons, Prunes, Quince
 **Revised

KINGS COUNTY
 DEPARTMENT OF AGRICULTURE
 280 CAMPUS DRIVE
 HANFORD, CALIFORNIA 93230

FRUIT AND NUT CROPS - Cont'd.

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

VEGETABLE CROPS

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

| CROP | YEAR | UTILIZATION | HARVESTED ACREAGE | PRODUCTION | | UNIT | PER UNIT | VALUE | |
|-------------------------|------|-------------|----------------------|-------------|-----------|---------------|-------------|---------------|-------|
| | | | | PER ACRE | TOTAL | | | PER UNIT | TOTAL |
| Cantaloupes | 1984 | Fresh | 1,158 | 442.00 | 511,836 | 40 lb. Crate | \$ 4.13 | \$ 2,114,000 | |
| | 1983 | Fresh | 2,510 | 552.00 | 1,385,000 | 40 lb. Crate | 4.37 | 6,055,000 | |
| Lettuce | 1984 | Fresh | 729 | 752.00 | 548,208 | 43 lb. Carton | 5.60 | 3,070,000 | |
| | 1983 | Fresh | 1,693 | 889.00 | 1,505,077 | 43 lb. Carton | 6.00 | 9,031,000 | |
| Onions | 1984 | Processed | 960 | 17.55 | 16,848 | Ton | 72.00 | 1,213,000 | |
| | 1983 | Processed | 728 | 14.20 | 10,338 | Ton | 72.00 | 744,000 | |
| Tomatoes | 1984 | Processed | 2,200 | 28.70 | 63,140 | Ton | 52.00 | 3,283,000 | |
| | 1983 | Processed | 2,278 | 25.80 | 58,772 | Ton | 53.00 | 3,156,000 | |
| Tomatoes | 1984 | Fresh | 344 | 16.00 | 5,504 | Ton | 320.00 | 1,761,000 | |
| | 1983 | Fresh | 370 | 16.00 | 5,920 | Ton | 312.00 | 1,847,000 | |
| Watermelons | 1984 | Fresh | 184 | 21.00 | 3,864 | Ton | 77.00 | 298,000 | |
| | 1983 | Fresh | 345 | 16.00 | 5,520 | Ton | 61.00 | 337,000 | |
| Miscellaneous <u>a/</u> | 1984 | | 2,523 | | | | | 3,588,000 | |
| | 1983 | | 2,137 | | | | | 2,904,000 | |
| TOTAL | 1984 | | 8,098 | | | | | \$ 15,327,000 | |
| | 1983 | | 10,061 | | | | | 24,074,000 | |

a/ Asparagus, Chinese Cabbage (Napa), Cabbage, Carrot, Egg Plant, Garlic, Green Onion, Onion, Misc. Melon, Potatoes, Snap Beans, String Beans Squash and Strawberries.

SEED CROPS

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER-SEALER

| CROP | YEAR | HARVESTED ACREAGE | PRODUCTION | | UNIT | PER UNIT | VALUE | |
|-------------------------|------|----------------------|-------------|------------|------|-------------|-------|---------------|
| | | | PER ACRE | TOTAL | | | TOTAL | TOTAL |
| Certified Seed | | | | | | | | |
| Alfalfa | 1984 | 22,404 | 784 | 17,564,736 | lb. | \$ 1.11 | | \$ 19,497,000 |
| | 1983 | 15,265 | 630 | 9,616,950 | lb. | 1.12 | | 10,771,000 |
| Barley | 1984 | 911 | 6,578 | 5,992,558 | lb. | 0.07 | | 419,000 |
| | 1983 | 576 | 2,920 | 1,681,920 | lb. | 0.14 | | 235,000 |
| Wheat | 1984 | 7,762 | 5,954 | 46,214,948 | lb. | 0.08 | | 3,697,000 |
| | 1983 | 2,045 | 6,160 | 12,597,200 | lb. | 0.11 | | 1,386,000 |
| Other Seed | | | | | | | | |
| Lettuce | 1984 | 305 | 365 | 111,325 | lb. | 3.62 | | 403,000 |
| | 1983 | 169 | 556 | 93,964 | lb. | 2.35 | | 221,000 |
| Uncertified Alfalfa | 1984 | 1,972 | 784 | 1,546,048 | lb. | 1.08 | | 1,670,000 |
| | 1983 | 7,647 | 630 | 4,817,610 | lb. | 1.09 | | 5,251,000 |
| Miscellaneous <u>a/</u> | 1984 | 478 | | | | | | 417,000 |
| | 1983 | 292 | | | | | | 231,000 |
| TOTAL | 1984 | 33,832 | | | | | | \$ 26,103,000 |
| | 1983 | 25,994 | | | | | | \$ 18,095,000 |

a/ Bell Peppers, Black Eye Peas, Chili Peppers, Egg Plant, Flower, Nursery, Radish and Watermelon

INVENTORIES OF LIVESTOCK & POULTRY (In Number of Head)

| ITEM | January 1, 1984 | January 1, 1985 |
|----------------------------|-----------------|-----------------|
| Milk Cows 2 Years and Over | 59,085 | 65,500 |
| Cattle and Calves On Feed | 8,354 | 5,000 |
| Other Cattle and Calves | 136,384 | 53,000 |
| Total | 203,823 | 123,500 |
| Sheep and Lambs | 14,978 | 17,164 |
| Hogs and Pigs | 353 | 400 |
| Hens and Pullets | 197,500 | 164,596 |

KINGS COUNTY
DEPARTMENT OF AGRICULTURE
280 CAMPUS DRIVE
HANFORD, CALIFORNIA 93230

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER-SEALER

| ITEM | YEAR | LIVESTOCK AND POULTRY PRODUCTION | | UNIT | VALUE | |
|-------------------------|------|----------------------------------|------------------|------|----------|---------------|
| | | NO. OF HEAD | TOTAL LIVEWEIGHT | | PER UNIT | TOTAL |
| Cattle & Calves | 1984 | 153,220 | 906,621 | Cwt. | \$ 64.40 | \$ 58,386,000 |
| | 1983 | 129,354 | 787,802 | Cwt. | 60.91 | 47,985,000 |
| Sheep & Lambs | 1984 | 21,088 | 22,142 | Cwt. | 65.00 | 1,439,000 |
| | 1983 | 24,520 | 25,746 | Cwt. | 62.00 | 1,596,000 |
| Hogs & Pigs | 1984 | 1,160 | 247,892 | lb. | .56 | 139,000 |
| | 1983 | 1,148 | 214,446 | lb. | .54 | 116,000 |
| Turkeys | 1984 | 1,394,342 | 32,069,866 | lb. | .44 | 14,111,000 |
| | 1983 | 1,183,547 | 27,221,581 | lb. | .40 | 10,889,000 |
| Fish - Catfish | 1984 | | 16,000 | lb. | 1.40 | 22,000 |
| | 1983 | | 20,938 | lb. | 1.70 | 36,000 |
| Miscellaneous <u>a/</u> | 1984 | | | | | 1,576,000 |
| | 1983 | | | | | 1,531,000 |
| TOTAL | 1984 | | | | | \$ 75,673,000 |
| | 1983 | | | | | 62,153,000 |

a/ Geese, Fryers, Other Chickens, Chicken Eggs

**Revised

| ITEM | YEAR | LIVESTOCK AND POULTRY PRODUCTS | | UNIT | VALUE | |
|---------------|------|--------------------------------|--|------|----------|---------------|
| | | PRODUCTION | | | PER UNIT | TOTAL |
| Milk Market | 1984 | 9,493,000 | | Cwt. | \$ 12.73 | \$120,846,000 |
| | 1983 | 8,665,000 | | Cwt. | 12.89 | 111,692,000 |
| Manufacturing | 1984 | 27,000 | | Cwt. | 12.04 | 325,000 |
| | 1983 | 40,000 | | Cwt. | 12.13 | 485,000 |
| Wool | 1984 | 219,315 | | lb. | .90 | 197,000 |
| | 1983 | 129,645 | | lb. | .70 | 91,000 |
| TOTAL | 1984 | | | | | \$121,368,000 |
| | 1983 | | | | | 112,268,000 |

APIARY PRODUCTS

| ITEM | YEAR | PRODUCTION | UNIT | VALUE | |
|-------------|------|------------|----------|----------|--------------|
| | | | | PER UNIT | TOTAL |
| Honey | 1984 | 6,001,080 | lb. | .60 | \$ 3,601,000 |
| | 1983 | 5,004,720 | lb. | .56 | 2,803,000 |
| Beeswax | 1984 | 100,018 | lb. | 1.15 | 115,000 |
| | 1983 | 83,412 | lb. | 1.20 | 101,000 |
| Pollination | 1984 | 100,018 | Colonies | 20.00 | 2,000,000 |
| | 1983 | 83,412 | Colonies | 20.00 | 1,668,000 |
| TOTAL | 1984 | | | | \$ 5,716,000 |
| | 1983 | | | | 4,572,000 |
| ** Revised | | | | | |

1984 CROP SUMMARY

| | | | |
|--------------------------------|----------------|-----------------|---------------|
| Field Crops | \$ 277,163,000 | Seed Crops | \$ 26,103,000 |
| Fruit and Nut Crops | \$ 48,366,000 | Vegetable Crops | \$ 15,327,000 |
| Livestock and Poultry | \$ 75,673,000 | Apiary Products | \$ 5,716,000 |
| Livestock and Poultry Products | \$ 121,368,000 | | |
| GRAND TOTAL | | \$ 569,716,000 | |

KINGS COUNTY
 DEPARTMENT OF AGRICULTURE
 280 CAMPUS DRIVE
 HANFORD, CALIFORNIA 93230

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

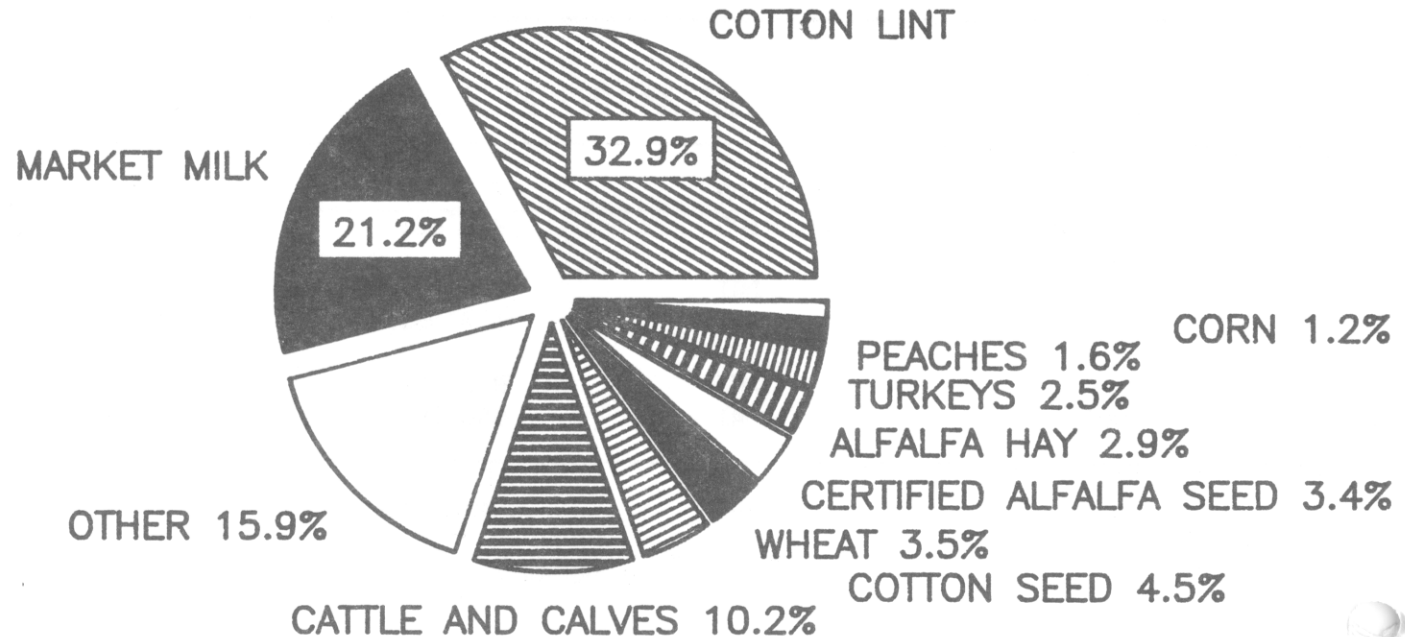
5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

| | 1980 | 1981 | 1982 | 1983 | 1984 |
|-----------------------|-----------------------|----------------------|-------------------------|-------------------------|-----------------------|
| Field Crops | \$ 378,527,295 | \$341,677,342 | \$ 314,372,000 | \$ 228,929,000 | \$ 277,163,000 |
| Acreage | 808,836 | 888.075 | 793,025 | 603,000 | 700,927 |
| Fruit and Nut Crops | 42,738,819 ** | 34,396,194 | 43,045,000 | 41,719,000** | 48,366,000 |
| Acreage | 20,664 | 19,562 | 19,641 | 31,981** | 22,499 |
| Livestock and Poultry | 70,917,370 | 63,191,475** | 64,295,000 | 62,153,000 | 75,673,000 |
| Products | 98,802,450 | 103,482,220** | 110,033,000** | 112,268,000 | 121,368,000 |
| Seed Crops | 21,865,195 ** | 32,423,350 | 35,388,000 | 18,095,000 | 26,103,000 |
| Acreage | 31,990 ** | 42,901 | 52,228 | 25,994 | 33,832 |
| Vegetable Crops | 18,703,410 | 18,769,000 | 17,022,000 | 24,074,000 | 15,327,000 |
| Acreage | 8,186 | 7,268 | 9,005 | 10,061 | 8,098 |
| Apiary Products | 2,877,855 | 4,257,112 | 6,167,000 | 4,572,000 | 5,716,000 |
| TOTALS | \$ 635,233,678 | \$598,200,789 | \$ 590,420,000** | \$ 491,860,000** | \$ 569,716,000 |

**Revised

TOP TEN CROPS OF KINGS COUNTY FOR 1984



MILLION DOLLAR CROPS - 1984

| | | | |
|------------------------|----------------|--------------------------|--------------|
| Cotton Lint | \$ 187,639,000 | Honey | \$ 3,601,000 |
| Market Milk | 120,846,000 | Nectarines | 3,531,000 |
| Cattle and Calves | 58,386,000 | Processed Tomatoes | 3,283,000 |
| Cotton Seed | 25,800,000 | Corn Silage | 3,144,000 |
| Wheat | 20,069,000 | Lettuce | 3,070,000 |
| Certified Alfalfa Seed | 19,479,000 | Plums | 2,846,000 |
| Alfalfa Hay | 16,561,000 | Olives | 2,480,000 |
| Turkeys | 14,111,000 | Kiwi | 2,205,000 |
| Peaches | 9,331,000 | Cantaloupe | 2,114,000 |
| Corn | 7,075,000 | Pollination | 2,000,000 |
| Pistachios | 7,073,000 | Fresh Tomatoes | 1,761,000 |
| Grapes | 6,651,000 | Uncertified Alfalfa Seed | 1,670,000 |
| Walnuts | 6,220,000 | Sheep and Lambs | 1,439,000 |
| Almonds | 6,188,000 | Irrigated Pasture | 1,404,000 |
| Safflower | 5,592,000 | Sugar Beets | 1,272,000 |
| Barley | 4,171,000 | Processed Onion | 1,213,000 |
| Certified Wheat Seed | 3,697,000 | Dried Beans | 1,143,000 |

Hanford, California
Rainfall Table

| | June | July | Aug. | Sept | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Total | |
|---------|------|------|------|------|------|------|------|------|------|------------------------|------|------|-------|--|
| 1934-35 | .14 | 0.00 | 0.00 | 0.00 | .61 | 2.60 | 1.84 | 2.50 | 1.72 | 2.06 | 2.05 | 0.00 | 13.52 | |
| 1935-36 | 0.00 | 0.00 | 0.00 | .01 | .56 | .40 | .89 | .41 | 4.87 | .97 | .55 | 0.00 | 8.56 | |
| 1936-37 | 0.00 | 0.00 | 0.00 | 0.00 | 1.84 | 0.00 | 2.83 | 1.99 | 2.46 | 2.23 | .22 | 0.00 | 11.57 | |
| 1937-38 | 0.00 | 0.00 | 0.00 | 0.00 | .11 | .21 | 2.16 | 1.76 | 3.51 | 4.57 | 1.15 | .11 | 13.58 | |
| 1938-39 | .17 | .07 | 0.00 | .13 | .19 | .16 | 1.37 | 1.54 | .77 | 1.44 | .91 | 0.00 | 6.75 | |
| 1939-40 | .12 | 0.00 | 0.00 | .04 | .57 | .06 | .22 | 3.53 | 3.61 | .99 | .18 | 0.00 | 9.32 | |
| 1940-41 | 0.00 | 0.00 | 0.00 | 0.00 | .85 | 0.00 | 3.65 | 1.51 | 3.90 | 1.82 | 2.64 | 0.00 | 14.37 | |
| 1941-42 | 0.00 | 0.00 | 0.00 | 0.00 | .86 | .50 | 3.32 | .91 | .88 | .50 | 1.19 | .16 | 8.32 | |
| 1942-43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .43 | .86 | 2.74 | 1.14 | 3.36 | .84 | 0.00 | 9.37 | |
| 1943-44 | 0.00 | 0.00 | 0.00 | 0.00 | .03 | .21 | 1.03 | 1.30 | 2.80 | .39 | .86 | .28 | 6.90 | |
| 1944-45 | 0.00 | 0.00 | 0.00 | .02 | .23 | 2.25 | 1.05 | .27 | 2.69 | 1.81 | .16 | .10 | 8.58 | |
| 1945-46 | .18 | 0.00 | 0.00 | .01 | .62 | 1.15 | 1.61 | .34 | 1.52 | 2.57 | .07 | .41 | 8.48 | |
| 1946-47 | 0.00 | .11 | 0.00 | 0.00 | 1.49 | 1.10 | 1.64 | .33 | .49 | .51 | .66 | .33 | 6.66 | |
| 1947-48 | .01 | 0.00 | 0.00 | 0.00 | .47 | .29 | .51 | 0.00 | .43 | 1.49 | 1.56 | .55 | 5.31 | |
| 1948-49 | .53 | 0.00 | 0.00 | 0.00 | 0.00 | .03 | .01 | .99 | .51 | .85 | 1.94 | .07 | 4.93 | |
| 1949-50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .60 | .68 | 1.48 | 1.13 | 1.10 | .40 | 5.39 | |
| 1950-51 | .07 | 0.00 | .08 | 0.00 | 0.00 | .34 | .63 | 1.06 | 1.24 | .76 | .22 | 1.17 | 5.57 | |
| 1951-52 | .02 | 0.00 | 0.00 | 0.00 | .08 | 1.11 | 2.39 | 3.03 | .27 | 2.18 | .79 | .01 | 9.88 | |
| 1952-53 | .02 | 0.00 | 0.00 | .17 | .05 | .65 | 2.96 | 1.10 | .27 | .34 | .83 | .29 | 6.68 | |
| 1953-54 | .08 | 0.00 | 0.00 | 0.00 | .02 | 1.01 | .09 | 1.89 | .78 | 2.21 | .52 | .34 | 6.94 | |
| 1954-55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .66 | 1.61 | 3.25 | 1.31 | .43 | .69 | .90 | 8.85 | |
| 1955-56 | 0.00 | 0.00 | 0.00 | 0.00 | .02 | .92 | 4.67 | 1.10 | .38 | .10 | .73 | .77 | 8.69 | |
| 1956-57 | .07 | 0.00 | 0.00 | 0.00 | .73 | 0.00 | .15 | 1.39 | 1.22 | .5 | .88 | .61 | 5.60 | |
| 1957-58 | 0.00 | 0.00 | 0.00 | 0.00 | .20 | 1.19 | 1.41 | 1.85 | 2.30 | 3.93 | 2.38 | .24 | 13.50 | |
| 1958-59 | 0.00 | 0.00 | .11 | .11 | 0.00 | .23 | .16 | 1.35 | 1.90 | .11 | .52 | 0.00 | 4.49 | |
| 1959-60 | 0.00 | 0.00 | 0.00 | .11 | 0.00 | 0.00 | .17 | .80 | 1.71 | .61 | .57 | 0.00 | 3.97 | |
| 1960-61 | 0.00 | .02 | 0.00 | .53 | 0.00 | 2.61 | .03 | 1.34 | .22 | .67 | .22 | .37 | 6.01 | |
| 1961-62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.11 | 1.28 | .71 | 4.88 | 1.06 | 0.00 | .11 | 9.15 | |
| 1962-63 | 0.00 | 0.00 | 0.00 | .01 | .10 | 0.00 | .19 | 1.19 | 1.68 | 1.37 | 2.88 | .56 | 7.97 | |
| 1963-64 | .17 | 0.00 | 0.00 | .33 | .75 | 1.23 | .31 | .61 | .02 | .94 | .64 | .20 | 5.20 | |
| 1964-65 | 0.00 | 0.00 | .34 | 0.00 | .95 | 1.31 | 1.44 | 1.18 | .33 | .33 | 1.57 | 0.00 | 7.45 | |
| 1965-66 | 0.00 | 0.00 | .05 | .07 | .05 | 2.15 | 1.97 | .63 | .71 | .10 | 0.00 | .07 | 5.80 | |
| 1966-67 | .06 | .04 | 0.00 | .29 | .09 | 1.28 | 2.57 | 1.41 | .05 | 2.42 | 2.95 | .07 | 11.23 | |
| 1967-68 | .23 | 0.00 | 0.00 | .31 | 0.00 | 1.99 | .50 | .62 | .64 | 1.00 | .50 | .08 | 5.87 | |
| 1968-69 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | .98 | 1.64 | 6.69 | 4.54 | .79 | .85 | .32 | 17.14 | |
| 1969-70 | .21 | .07 | .00 | .15 | .05 | .51 | .70 | 1.60 | 1.33 | 1.42 | .14 | .00 | 6.18 | |
| 1970-71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.40 | 1.23 | .35 | .19 | .23 | .40 | 1.44 | 6.24 | |
| 1971-72 | 0.00 | 0.00 | 0.00 | .04 | .06 | .41 | 1.87 | .04 | .35 | 0.00 | .23 | 0.00 | 3.00 | |
| 1972-73 | 0.00 | 0.00 | 0.00 | 2.4 | .21 | 2.90 | .65 | 2.44 | 2.29 | 2.20 | .12 | 0.00 | 11.05 | |
| 1973-74 | 0.00 | 0.00 | 0.00 | 0.00 | .76 | .46 | .94 | 2.97 | .13 | 1.75 | .03 | 0.00 | 7.04 | |
| 1974-75 | 0.00 | 0.00 | 0.00 | 0.00 | .65 | .24 | 1.40 | .09 | 2.26 | 1.24 | .49 | 0.00 | 6.37 | |
| 1975-76 | 0.00 | 0.00 | 0.00 | .98 | .76 | .05 | .22 | 0.00 | 2.94 | .19 | 1.47 | .03 | 6.64 | |
| 1976-77 | .01 | 0.00 | .22 | 1.47 | 0.00 | 1.15 | .96 | .96 | .03 | .43 | 0.00 | .01 | 5.24 | |
| 1977-78 | .07 | 0.00 | 0.00 | 0.00 | .05 | .06 | 2.85 | 2.22 | 5.05 | 4.12 | 1.71 | 0.00 | 16.13 | |
| 1978-79 | 0.00 | 0.00 | 0.00 | 1.10 | 0.00 | .79 | .50 | 1.84 | 1.61 | 1.16 | .03 | 0.00 | 7.03 | |
| 1979-80 | 0.00 | .04 | 0.00 | .08 | .41 | .62 | .41 | 2.90 | 2.71 | 1.28 | .05 | .04 | 8.54 | |
| 1980-81 | 0.00 | 0.00 | 0.00 | 0.00 | .09 | .00 | .21 | 1.80 | .86 | 2.10 | .68 | .17 | 5.91 | |
| 1981-82 | 0.00 | 0.00 | 0.00 | 0.00 | .76 | 1.08 | .29 | .84 | .33 | 3.52 | 1.75 | 0.00 | 8.62 | |
| 1982-83 | .45 | .18 | .00 | .64 | 1.03 | 2.15 | .71 | 3.74 | 2.59 | 3.39 | 1.63 | .04 | 16.55 | |
| 1983-84 | 0.00 | 0.00 | .05 | .82 | .43 | 1.66 | 1.22 | .01 | .42 | .27 | .18 | 0.00 | 5.06 | |
| 1984-85 | 0.00 | 0.00 | 0.00 | .01 | .52 | 1.41 | 1.66 | | | | | | | |
| | | | | | | | | | | 49 Year Total Rainfall | | | | |
| | | | | | | | | | | Average Rainfall | | | | |

General Kings County Information

| | |
|-----------------------------------|-----------------|
| County Seat | Hanford |
| County Population (1981) | 74,200 |
| Population per Square Mile | 52.9 |
| Total Assessed Value | \$1,748,615,339 |
| Land Area (Square Miles) | 1,396 |
| Total Acres | 893,280 |
| Number of Farms (1982) | 1187 |
| Land in Farms (Acres - 1982) | 808,084 |
| Total Cropland (Acres - 1982) | 613,693 |
| Irrigated Cropland (Acres - 1982) | 554,114 |
| Total Agricultural Work Force | 7,190 |
| Public Ownership of Land (Acres): | |
| Federal | 30,974 (3.5%) |
| State | 3,452 (.4%) |
| County & City | 9,951 (1.1%) |
| School & Special Districts | 4,426 (.4%) |

Agricultural production ranked 11th among California counties and 16th among U.S. counties (Based on 1983 total value).

Railroads - Santa Fe, Southern Pacific

Major Roads - Interstate 5, Highway 41, Highway 43 & Highway 198

Water Sources - Kings River, Tule River, Kaweah River, Kern River & California Aquaduct

Elevation - 225 to 250 feet above sea level (800 feet in the Kettleman Hills)

Average length of growing season: 257 days

Average date of last spring frost: March 3

Average climate: 196 sunny clear days, 74 partly cloudy days, 95 cloudy days

Average date of first fall frost: November 18