

Agricultural Crop Report 1998



Solano County Department of Agriculture



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The Honorable Board of Supervisors of Solano County

John Silva, District 2, Chairman

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William Carroll, District 4

Skip Thomson, District 5

Michael Johnson, County Administrator

I am very pleased to present the 1998 annual crop report reflecting the acreage, production and gross values of the agricultural commodities produced within Solano County. Pursuant to Food and Agricultural Code section 2279, the crop report shows the year's gross farm income. The cost of production and marketing or net farm income are not indicated in this report.

Agriculture's gross value dipped to \$185,178,500 or 11% less than the prior year. Even with the challenges of El Nino, agriculture continues to be a key part of the county's economy. The crop report for 1998 indicates the continuing strength of agricultural production within Solano County. Production agriculture generates over \$1.5 billion each year in agriculturally related sales.

Field crops are the county's mainstay and the largest crop group in value and acreage in Solano County. Field crop values showed a 12% reduction as compared to the prior year. Processing tomato values decreased 12%. The largest percentage change was in fruit and nut crops. As a result of El Nino weather patterns, fruit and nut crops decreased 33% in total value. Other crop values decreased, with nursery stock 10% lower and seed crops 12% lower. Livestock products increased 10% due to higher milk prices. Lower prices for lamb resulted in a decrease in livestock production values.

I wish to express my sincere appreciation to the county's farmers, ranchers and agricultural businesses for providing the bounty which makes agriculture a strong part of Solano County's economy and for cooperating to provide the data necessary to produce this report. Lenny DaMassa, Supervising Agricultural Biologist provided the leadership to complete this crop report. Larry Clement, UC Cooperative Extension, provided the cover photograph of the county's number three commodity, alfalfa.

Susan E. Cohen
Agricultural Commissioner/Sealer of Weights and Measures

1998

ANNUAL CROP REPORT

COUNTY OF SOLANO

SOLANO COUNTY DEPARTMENT OF AGRICULTURE
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SOLANO COUNTY
FRUIT AND NUT ACREAGE

1998

| Orchard Crop | Bearing Acreage | Non-Bearing Acreage | Total Acreage |
|---------------------|--------------------|------------------------|------------------|
| Almonds | 1,501 | 277 | 1,778 |
| Apples | 122 | 0 | 122 |
| Apricots | 543 | 48 | 591 |
| Cherries | 86 | 7 | 93 |
| Figs | 12 | 0 | 12 |
| Grapes (Wine) | 2,711 | 644 | 3,355 |
| Kiwi | 16 | 0 | 16 |
| Olives | 12 | 0 | 12 |
| Oranges | 26 | 0 | 26 |
| Peaches (Freestone) | 291 | 36 | 327 |
| Pears | 1,037 | 0 | 1,037 |
| Pecans | 3 | 0 | 3 |
| Persimmons | 6 | 0 | 6 |
| Pistachio Nuts | 24 | 0 | 24 |
| Plums | 19 | 0 | 19 |
| Prunes | 2,236 | 78 | 2,314 |
| Tangerines | 5 | 0 | 5 |
| Walnuts (English) | 4,607 | 1,730 | 6,337 |
| Walnuts (Black) | 25 | 0 | 25 |
| Totals | 13,282 | 2,820 | 16,102 |

FIELD CROPS
ACREAGE, PRODUCTION AND VALUE

| Crop | Year | Average Production | | | Average Value | | |
|---|------|----------------------|-------------|---------------------|---------------|-------------|--------------|
| | | Harvested Acreage | Per Acre | Total | Unit | Per Unit | Total |
| Barley, (Irrigated) | 1998 | 4,918 | 2.25 | 11,065 | Ton | \$ 98.00 | \$ 1,084,400 |
| | 1997 | 11,600 | 2.00 | 23,200 | Ton | 110.00 | 2,552,000 |
| Barley, (Dryland) | 1998 | 4,051 | .96 | 3,889 | Ton | 98.00 | 381,100 |
| | 1997 | 3,756 | .83 | 3,117 | Ton | 110.00 | 342,900 |
| Beans, Dry, Edible, All Classes * | 1998 | 4,357 | 1.00 | 4,357 | Ton | 598.00 | 2,605,500 |
| | 1997 | 7,965 | .91 | 7,248 | Ton | 564.00 | 4,087,900 |
| Corn, Field | 1998 | 21,672 | 4.79 | 103,808 | Ton | 92.00 | 9,550,300 |
| | 1997 | 23,535 | 4.84 | 113,909 | Ton | 111.00 | 12,643,900 |
| Corn, Taco | 1998 | --- | --- | (See Miscellaneous) | | | --- |
| | 1997 | 370 | 4.51 | 1,669 | Ton | 134.00 | 223,600 |
| Hay, Alfalfa | 1998 | 31,804 | 6.25 | 198,775 | Ton | 95.00 | 18,883,600 |
| | 1997 | 24,574 | 6.58 | 161,697 | Ton | 118.00 | 19,080,200 |
| Hay, Grain | 1998 | 4,217 | 2.35 | 9,909 | Ton | 47.00 | 465,700 |
| | 1997 | 793 | 2.64 | 2,094 | Ton | 86.00 | 180,100 |
| Hay, Grass | 1998 | 3,000 | 2.60 | 7,800 | Ton | 34.00 | 265,200 |
| | 1997 | 3,500 | 1.00 | 3,500 | Ton | 60.00 | 210,000 |
| Oats, Grain | 1998 | 2,100 | 1.88 | 3,948 | Ton | 140.00 | 552,700 |
| | 1997 | 2,100 | 1.50 | 3,150 | Ton | 200.00 | 630,000 |
| Pasture, Irrigated | 1998 | 20,500 | --- | --- | Acre | 90.00 | 1,845,000 |
| | 1997 | 20,500 | --- | --- | Acre | 90.00 | 1,845,000 |
| Pasture, Rangeland | 1998 | 143,650 | --- | --- | Acre | 15.00 | 2,154,800 |
| | 1997 | 143,650 | --- | --- | Acre | 15.00 | 2,154,800 |
| Safflower, Oil | 1998 | 7,500 | 1.25 | 9,375 | Ton | 300.00 | 2,812,500 |
| | 1997 | 7,624 | 1.25 | 7,533 | Ton | 308.00 | 2,935,200 |
| Sorghum/Milo | 1998 | 4,454 | 1.50 | 6,681 | Ton | 65.00 | 434,300 |
| | 1997 | 2,518 | 3.20 | 8,058 | Ton | 87.00 | 701,000 |

(Continued)

* Value and Yield Vary By Variety

FIELD CROPS

ACREAGE, PRODUCTION AND VALUE

(Continued)

| Crop | Year | Average Production | | | Average Value | | |
|----------------------|------|----------------------|--|---------|---------------|-------------|---------------|
| | | Harvested Acreage | Per Acre | Total | Unit | Per Unit | Total |
| Sugar Beets | 1998 | 10,720 | 24.55 | 263,176 | Ton | \$ 40.16 | \$ 10,569,100 |
| | 1997 | 6,400 | 24.64 | 157,696 | Ton | 38.00 | 5,992,400 |
| Wheat, Irrigated | 1998 | 31,370 | 2.13 | 66,818 | Ton | 92.00 | 6,147,300 |
| | 1997 | 37,530 | 2.41 | 90,447 | Ton | 135.00 | 12,210,300 |
| Wheat, Dryland | 1998 | 8,468 | 1.74 | 14,734 | Ton | 92.00 | 1,355,500 |
| | 1997 | 11,235 | 1.63 | 18,313 | Ton | 135.00 | 2,472,300 |
| Misc. Field Crops | 1998 | 4,004 | (Corn Nuts, Grasses, Milo, | | | | 2,194,200 |
| | 1997 | 1,772 | Popcorn, Silage, Straw, Sunflower, Taco Corn, Etc.) | | | | 1,770,400 |
| <hr/> | | | | | | | |
| TOTAL | 1998 | 306,785 | | | | | \$ 61,301,200 |
| FIELD CROPS | 1997 | 309,797 | | | | | 70,077,700 |

NURSERY STOCK: ACREAGE AND VALUE

| Crop | Year | Acreage | Value |
|---------------------|------|---------|---------------|
| | | Acreage | Value |
| Nursery Stock ** | 1998 | 837 | \$ 26,408,000 |
| | 1997 | 871 | 24,078,000 |
| <hr/> | | | |
| TOTAL | 1998 | 837 | \$ 26,408,000 |
| NURSERY STOCK | 1997 | 871 | 24,078,000 |

** Nursery Stock includes cuttings, buds, scions, Christmas trees, turf, root-stock, greenhouse, timber, firewood, ornamentals, etc.

FRUIT CROPS
ACREAGE, PRODUCTION AND VALUE

| Crop | Year | Average Production | | | Average Value | | |
|-----------------|------|--------------------|----------|----------|---------------|------------|--------------|
| | | Bearing Acreage | Per Acre | Total | Unit | Per Unit | Total |
| Almonds | | | | | | | |
| (Meats) | 1998 | --- | --- | 599.5 | Ton | \$3,116.00 | \$ 1,868,000 |
| | 1997 | --- | --- | 574.6 | Ton | 3,000.00 | 1,723,800 |
| (Hulls) | 1998 | --- | --- | 749.3 | Ton | 61.00 | 45,700 |
| | 1997 | --- | --- | 718.2 | Ton | 67.00 | 48,100 |
| Total Almonds | 1998 | 1,501 | .400 | 599.5 | Ton | --- | 1,913,700 |
| | 1997 | 1,358 | .420 | 574.6 | Ton | --- | 1,771,900 |
| Apricots | | | | | | | |
| Dried (6.9:1) * | 1998 | --- | --- | 57.3 | Ton | 4,977.00 | 285,200 |
| | 1997 | --- | --- | 256.0 | Ton | 4,880.00 | 1,249,300 |
| Fresh Market | 1998 | --- | --- | 69.9 | Ton | 920.00 | 64,300 |
| | 1997 | --- | --- | 18.6 | Ton | 1,499.00 | 27,900 |
| Total Apricots | 1998 | 543 | .860 | 465.2 | Ton | --- | 349,500 |
| | 1997 | 625 | 2.690 | 1,682.6 | Ton | --- | 1,277,200 |
| Cherries | | | | | | | |
| Fresh Market | 1998 | 86 | .23 | 20.1 | Ton | 3,066.00 | 61,600 |
| | 1997 | 74 | --- | --- | --- | --- | --- |
| Grapes, Wine ** | | | | | | | |
| Dark Varieties | 1998 | --- | --- | 5,014.9 | Ton | 1,045.00 | 5,240,600 |
| | 1997 | --- | --- | 6,195.4 | Ton | 1,086.00 | 6,728,200 |
| White Varieties | 1998 | --- | --- | 6,010.7 | Ton | 1,031.00 | 6,197,000 |
| | 1997 | --- | --- | 8,200.4 | Ton | 1,137.00 | 9,323,900 |
| Total Grapes | 1998 | 2,711 | 4.070 | 11,025.6 | Ton | --- | 11,437,600 |
| | 1997 | 2,199 | 6.550 | 14,395.8 | Ton | --- | 16,052,100 |
| Kiwi *** | | | | | | | |
| | 1998 | 16 | 6.800 | 108.8 | Ton | 1,000.00 | 108,800 |
| | 1997 | 30 | 9.000 | 270.0 | Ton | 1,000.00 | 270,000 |

(Continued)

- * Drying Ratio
- ** Price Varies By Variety
- *** Value and Yield Vary By Variety

FRUIT CROPS

ACREAGE, PRODUCTION AND VALUE

(Continued)

| Crop | Year | Average Production | | | Average Value | | |
|----------------------|------|--------------------|----------|----------|---------------|------------|--------------|
| | | Bearing Acreage | Per Acre | Total | Unit | Per Unit | Total |
| Peaches | | | | | | | |
| (Freestone) | 1998 | --- | --- | 56.8 | Ton | \$4,330.00 | \$ 245,900 |
| Dried (7:9) * | 1997 | --- | --- | 142.6 | Ton | 2,960.00 | 422,100 |
| Fresh Market | 1998 | | | 13.4 | Ton | 1,332.00 | 17,800 |
| | 1997 | --- | --- | --- | --- | --- | --- |
| Total | 1998 | 291 | 1.590 | 462.1 | Ton | --- | 263,700 |
| Peaches | 1997 | 293 | 3.750 | 1,098.0 | Ton | --- | 422,100 |
| Pears | 1998 | --- | --- | 8,339.0 | Ton | 191.00 | 1,592,700 |
| Canned #1 | 1997 | --- | --- | 10,472.0 | Ton | 214.00 | 2,241,000 |
| Dried (6.3:1) * | 1998 | --- | --- | 1.0 | Ton | 3,000.00 | 3,000 |
| | 1997 | --- | --- | 20.7 | Ton | 3,000.00 | 62,100 |
| Juice & Fermentation | 1998 | --- | --- | --- | --- | --- | --- |
| | 1997 | --- | --- | 199.0 | Ton | 85.00 | 16,900 |
| Fresh Market | 1998 | --- | --- | 1,296.0 | Ton | 242.00 | 313,600 |
| | 1997 | --- | --- | 915.0 | Ton | 307.00 | 280,900 |
| Total | 1998 | 1,037 | 9.300 | 9,641.3 | Ton | --- | 1,909,300 |
| Pears | 1997 | 1,046 | 11.210 | 11,727.0 | Ton | --- | 2,600,900 |
| Prunes ** | 1998 | 2,236 | 1.010 | 2,259.0 | Ton | 745.00 | 1,683,000 |
| | 1997 | 2,167 | 1.780 | 3,863.9 | Ton | 753.00 | 2,909,500 |
| Walnuts | 1998 | 4,607 | .733 | 3,378.0 | Ton | 1,125.00 | 3,800,300 |
| | 1997 | 4,392 | 1.120 | 4,903.0 | Ton | 1,270.00 | 6,226,800 |
| Misc. Fruit and Nuts | 1998 | 349 | *** | | | | 1,471,400 |
| | 1997 | 304 | *** | | | | 3,055,200 |
| <hr/> | | | | | | | |
| TOTAL FRUIT | 1998 | 13,377 | | | | | \$22,998,900 |
| & NUT CROPS | 1997 | 12,488 | | | | | \$34,585,700 |

* Drying Ratio

** Price Varies By Variety

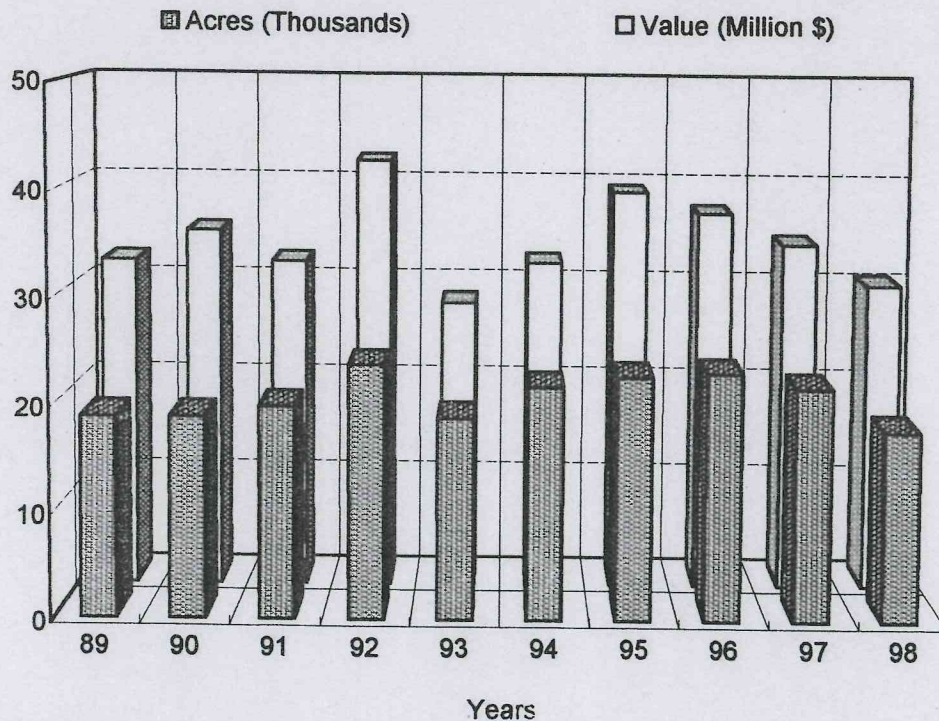
*** (Apples, Asian Pears, Black Walnuts, Figs, Jojoba, Olives, Oranges, Pecans, Plums, Persimmons, Pistachios, Strawberries, Tangerines, & Other Misc. Fruit, Juice and Nuts)

VEGETABLE CROPS

ACREAGE, PRODUCTION AND VALUE

| Crop | Year | Average Production | | Average Value | | | | |
|----------------------|------|--------------------|---|---------------|------|----------|---------------|-----------|
| | | Harvested Acreage | Per Acre | Total | Unit | Per Unit | Total | |
| Tomatoes, Processing | 1998 | 17,557 | 31.12 | 546,374 | Ton | \$ 54.00 | \$ 29,504,200 | |
| | 1997 | 23,831 | 30.91 | 674,796 | Ton | 50.00 | 33,739,800 | |
| Misc. Vegetables | 1997 | 894 | (Celery, Endive, Herbs, Spices, Sweet Corn, and Other Misc. Vegetables) | | | | | 7,271,200 |
| | 1997 | 962 | | | | | | 7,267,200 |
| TOTAL | | 1998 | 18,451 | | | | \$ 36,775,400 | |
| VEGETABLE CROPS | | 1997 | 22,793 | | | | 41,007,000 | |

Historical Production of Processing Tomatoes in Solano County

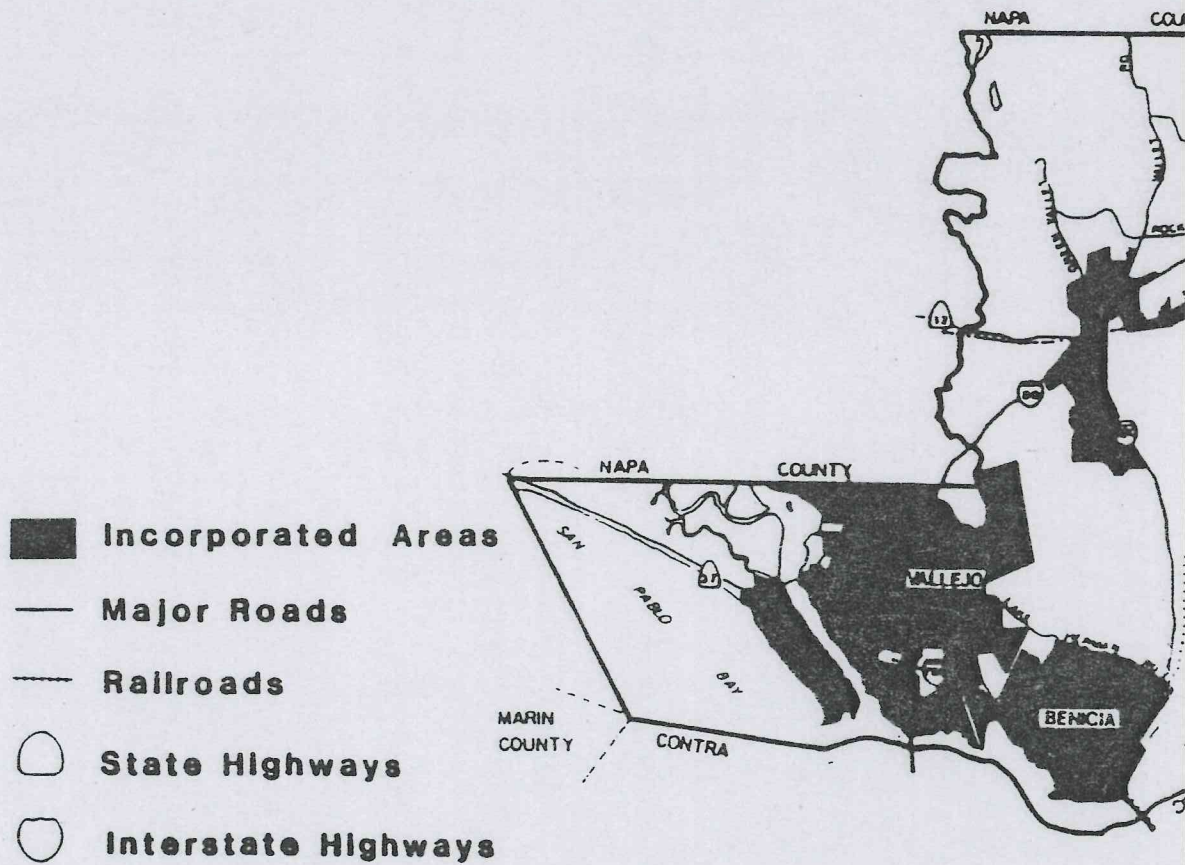


Map of Solano County

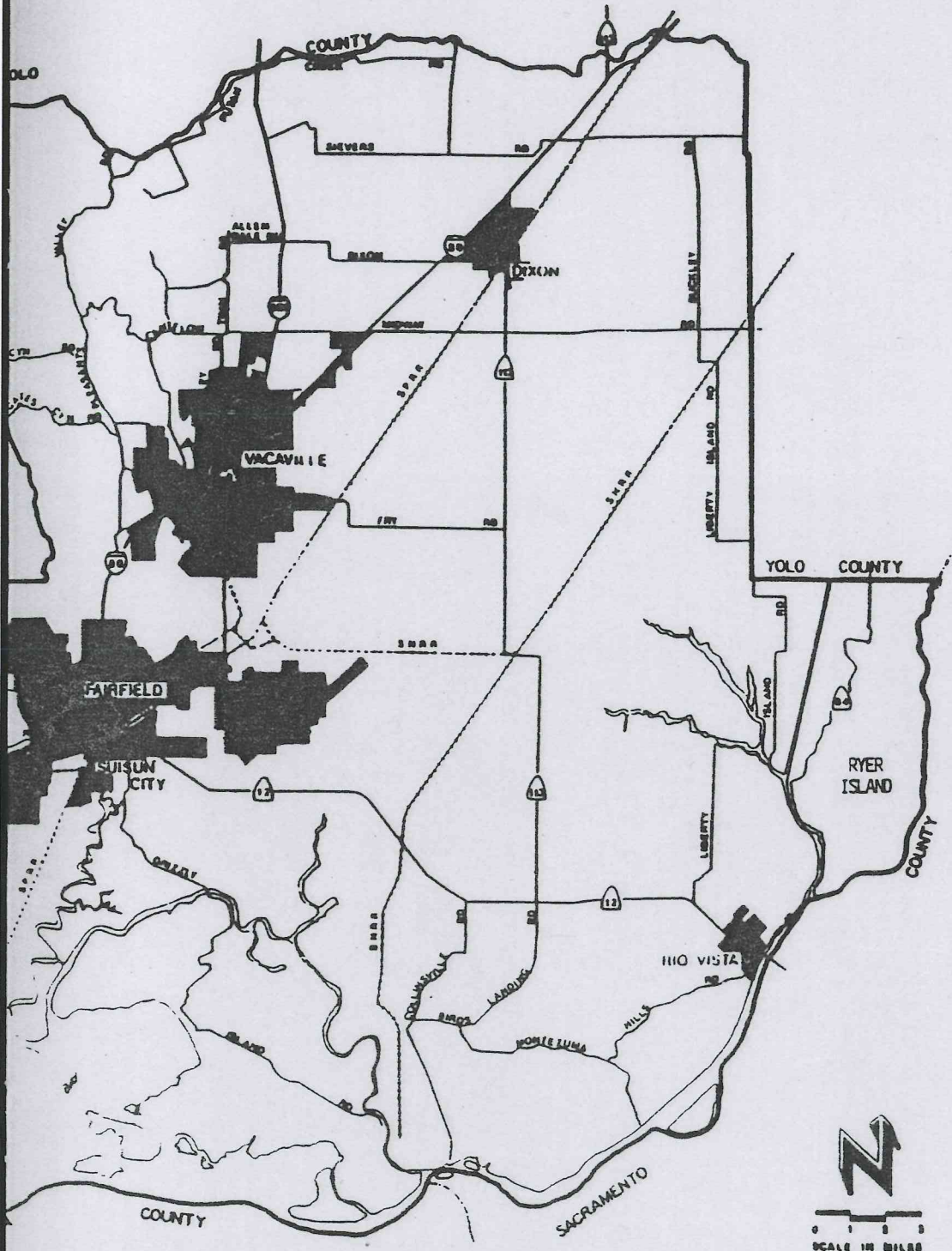
Area of County (Square Miles - Land) 823 Square Miles
 Area of County (Acres - Land) 526,720 Acres

Major Farming Districts

Dixon, Winters, Rio Vista - Ryer Island, Suisun Valley, East Vacaville



Prepared by Solano County Department



ent of Environmental Management

SEED CROPS

ACREAGE, PRODUCTION AND VALUE

| Crop | Year | Average Production | | | Average Value | | |
|---|------|----------------------|---------------------------------|--------|---------------|-------------|--------------|
| | | Harvested Acreage | Per Acre | Total | Unit | Per Unit | Total |
| Beans, Dry, All Market Classes * | 1998 | 2,746 | .80 | 2,197 | Ton | \$ 642.00 | \$ 1,410,500 |
| | 1997 | 2,086 | .93 | 1,940 | Ton | 633.00 | 1,228,000 |
| Beans, Dry, All Market Classes * Certified | 1998 | 701 | .66 | 463 | Ton | 655.00 | 303,300 |
| | 1997 | 1,581 | .84 | 1,328 | Ton | 650.00 | 863,200 |
| Cantaloupe | 1998 | 25 | 330 | 8,250 | Lb. | 2.67 | 22,000 |
| | 1997 | 88 | 342 | 30,096 | Lb. | 4.46 | 134,200 |
| Cucumber | 1998 | 219 | 136 | 29,784 | Lb. | 3.47 | 103,400 |
| | 1997 | 319 | 190 | 60,610 | Lb. | 6.93 | 420,000 |
| Safflower | 1998 | 2,000 | .60 | 1,200 | Ton | 300.00 | 360,000 |
| | 1997 | 1,051 | .67 | 704 | Ton | 297.00 | 209,100 |
| Squash | 1998 | 94 | 402 | 37,788 | Lb. | 4.75 | 179,500 |
| | 1997 | 224 | 400 | 89,600 | Lb. | 5.33 | 477,600 |
| Sunflower, Certified | 1998 | 3,043 | .42 | 1,278 | Ton | 1,460.00 | 1,865,900 |
| | 1997 | 5,197 | .47 | 2,443 | Ton | 1,925.00 | 4,702,800 |
| Tomato | 1998 | 656 | 45 | 29,520 | Lb. | 45.00 | 1,328,400 |
| | 1997 | 438 | 45 | 19,710 | Lb. | 50.00 | 985,500 |
| Watermelon | 1998 | 314 | 270 | 84,780 | Lb. | 3.59 | 304,400 |
| | 1997 | 223 | 289 | 64,447 | Lb. | 4.51 | 290,700 |
| Wheat, Certified | 1998 | 1,822 | .97 | 1,767 | Ton | 110.00 | 194,400 |
| | 1997 | 1,000 | 1.25 | 1,250 | Ton | 130.00 | 162,500 |
| Misc. Seed | 1998 | 1,929 | (Alfalfa, Carrot, Peas, Pepper, | | | | 3,246,200 |
| | 1997 | 443 | Pumpkin, and Other Misc. Seed) | | | | 1,120,900 |
| TOTAL | | 1998 | 13,549 | | | | |
| SEED | | 1997 | 12,650 | | | \$ | 9,318,000 |
| CROPS | | | | | | | 10,594,500 |

LIVESTOCK, POULTRY, AND APIARY

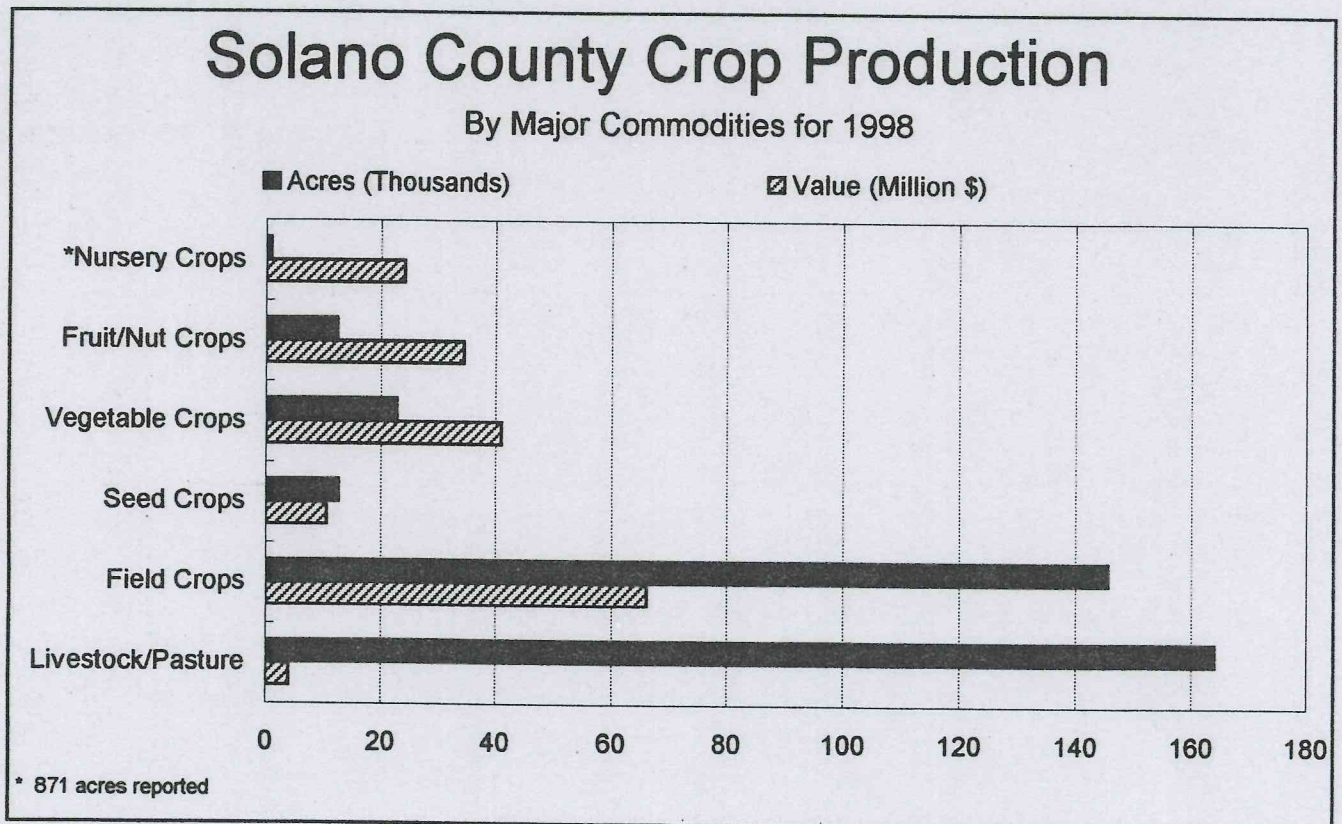
PRODUCTS AND VALUE

| Item ----- | Year | Average Production | | Average Value | |
|---------------------|------|---------------------|---------------|----------------------|----------------|
| | | Production ----- | Unit ----- | Per Unit ----- | Total ----- |
| Bees - Honey | 1998 | 118,600 | Lb. \$ | .57 | \$ 67,600 |
| | 1997 | 41,600 | Lb. | .66 | 27,500 |
| - Packages * | 1998 | 2,300 | Pkg. | 18.25 | 42,000 |
| | 1997 | 2,800 | Pkg. | 19.00 | 53,200 |
| - Pollination ** | 1998 | 9,685 | Colony | | 214,200 |
| | 1997 | 5,700 | Colony | | 287,700 |
| - Queens | 1998 | 13,500 | Each | 7.75 | 104,600 |
| | 1997 | 11,000 | Each | 7.75 | 85,300 |
| - Wax | 1998 | 1,425 | Lb. | 2.00 | 2,900 |
| | 1997 | 500 | Lb. | 2.12 | 1,100 |
| Milk - Market | 1998 | 278,339 | Cwt. | 16.01 | 4,456,200 |
| | 1997 | 288,083 | Cwt. | 13.42 | 3,866,100 |
| - Manufacturing | 1998 | --- | Cwt. | --- | --- |
| | 1997 | 108 | Cwt. | 14.38 | 1,500 |
| Wool | 1998 | 377,400 | Lb. | .77 | 290,600 |
| | 1997 | 406,000 | Lb. | .87 | 353,200 |
| Miscellaneous | 1998 | | | | --- |
| | 1997 | | | | 500 |
| ----- | | | | | |
| TOTAL LIVESTOCK | 1998 | | | | \$ 5,178,100 |
| POULTRY, AND APIARY | 1997 | | | | 4,677,700 |
| PRODUCTS & VALUE | | | | | |
| ----- | | | | | |

* Packages Include 2 Lbs. Bees Plus a Queen
 ** Pollination Fee Varies By Crop; Crops Pollinated Include Alfalfa, Almond, Kiwi, Onion, Prune, Sunflower, And Vine Seed

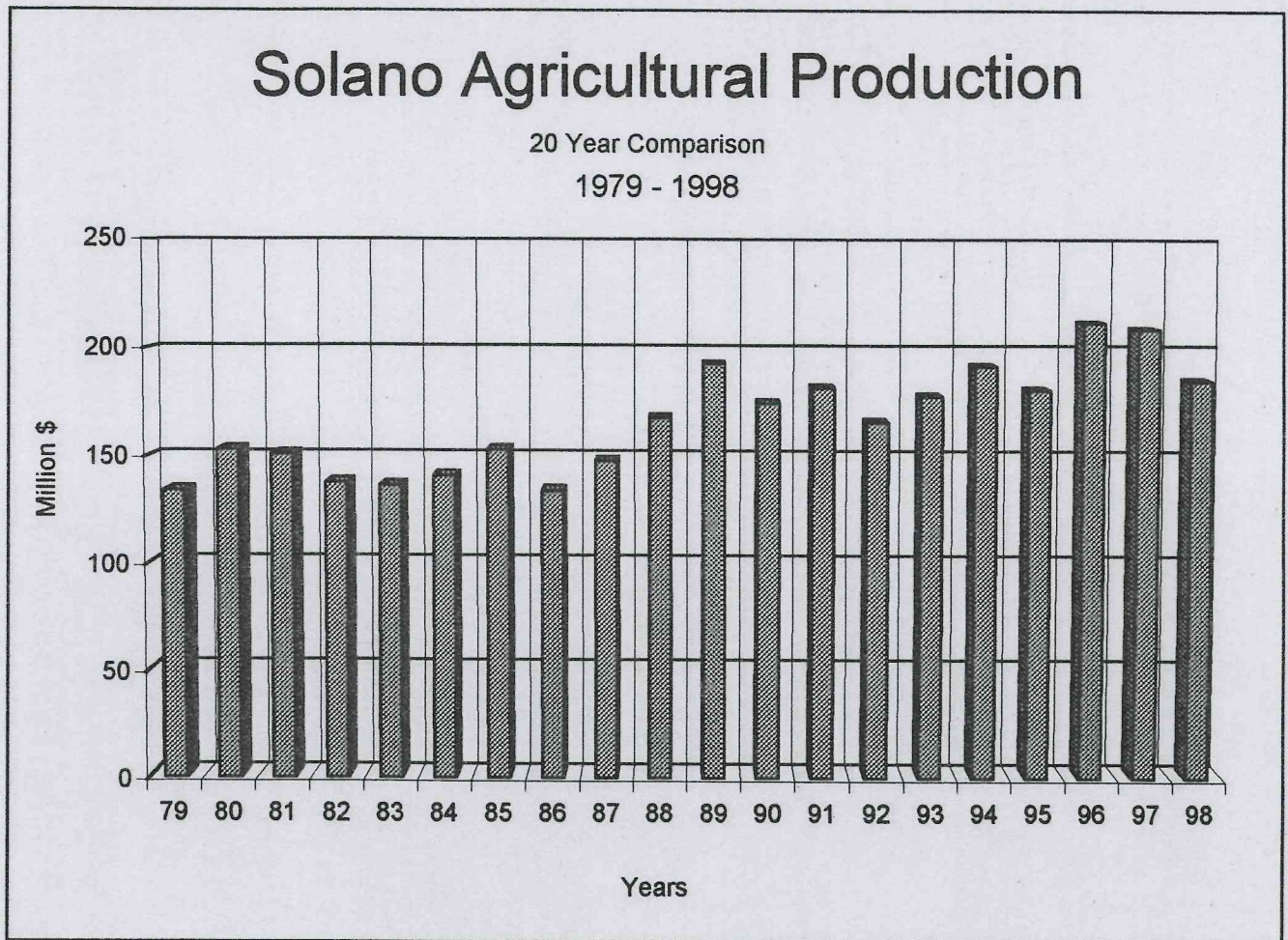
LIVESTOCK AND POULTRY PRODUCTION AND VALUE

| Item | Year | Average Production | | Average Value | | |
|---------------------------|------|-----------------------------------|------------|---------------|---------|---------------|
| | | Head | Liveweight | Per Unit | Unit | Total |
| Cattle & Calves | 1998 | 28,560 | 221,340 | Cwt. | \$55.10 | \$12,195,800 |
| | 1997 | 28,000 | 217,000 | Cwt. | 54.76 | 11,882,900 |
| Hogs & Pigs | 1998 | 200 | 400 | Cwt. | 34.00 | 13,600 |
| | 1997 | 200 | 400 | Cwt. | 54.70 | 21,900 |
| Stock Sheep | 1998 | 45,900 | 55,080 | Cwt. | 30.50 | 1,679,900 |
| | 1997 | 45,000 | 54,000 | Cwt. | 33.80 | 1,825,200 |
| Feeder Lambs | 1998 | 112,200 | 112,200 | Cwt. | 74.80 | 8,392,600 |
| | 1997 | 110,000 | 110,000 | Cwt. | 91.60 | 10,076,000 |
| Miscellaneous | 1998 | (Dove, Pheasants, Pigeons, Quail, | | | | 917,000 |
| | 1997 | Rabbit, Eggs, Etc.) | | | | 360,000 |
| TOTAL LIVESTOCK & POULTRY | | 1998 | | | | \$ 23,198,900 |
| | | 1997 | | | | 24,166,000 |



PRODUCTION GRAND TOTAL

 GRAND TOTAL OF ALL 1998 \$185,178,500
 AGRICULTURAL PRODUCTS 1997 \$209,140,900



VALUE SUMMARY

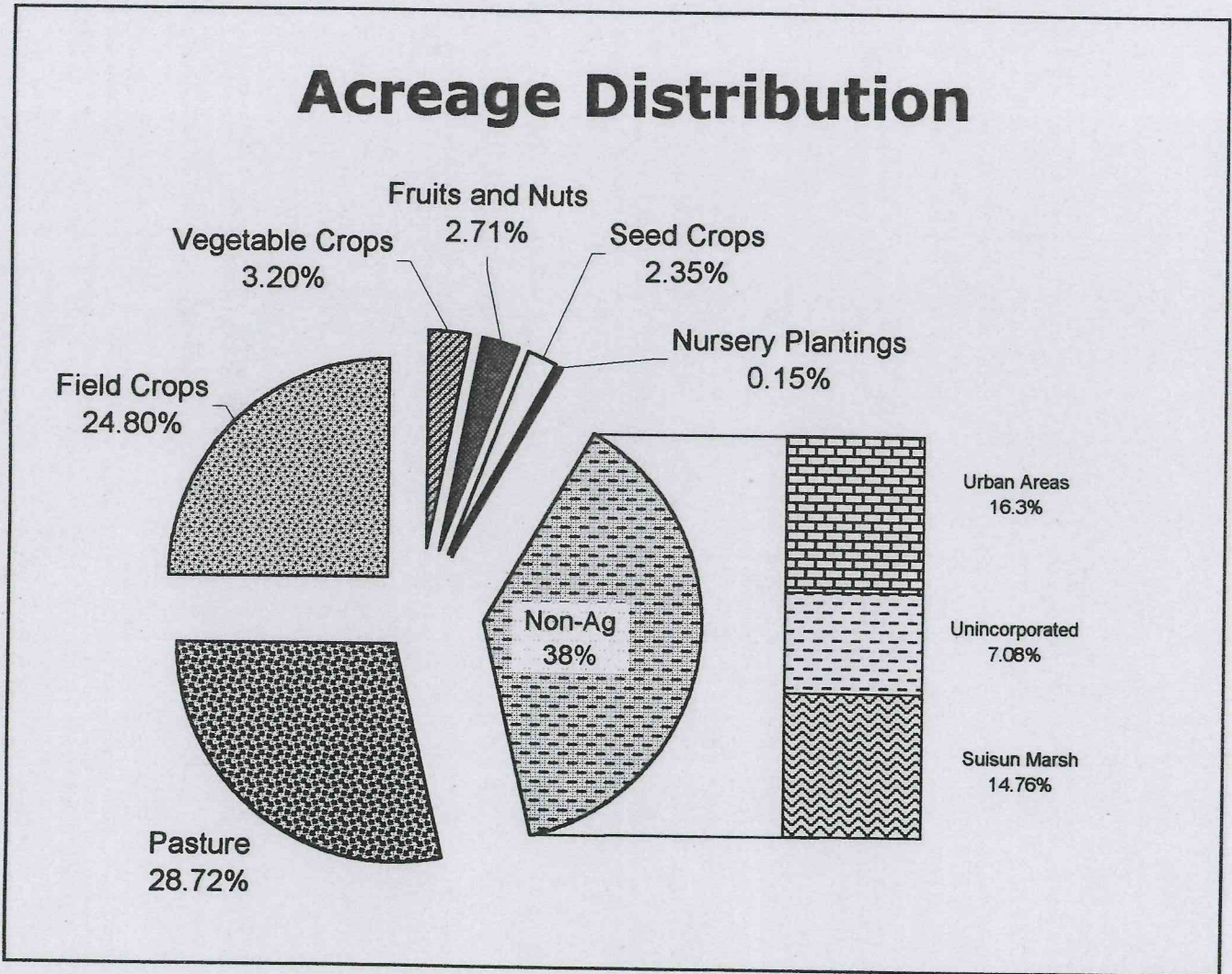
| Year | Field Crops | Fruit & Nut Crops | Seed Crops | Vegetable Crops | Animal Production | Totals |
|------|--------------|-------------------|------------|-----------------|-------------------|-------------|
| 1989 | 95,353,400 | 20,133,500 | 8,291,800 | 38,217,200 | 31,007,000 | 193,002,900 |
| 1990 | 82,568,700 | 19,657,300 | 9,235,200 | 35,650,900 | 28,154,900 | 175,267,000 |
| 1991 | 77,881,400 | 25,522,000 | 8,025,600 | 45,040,400 | 25,305,600 | 181,775,000 |
| 1992 | 76,794,800 | 23,769,700 | 5,887,100 | 30,898,900 | 28,949,500 | 166,300,000 |
| 1993 | 81,808,400* | 24,288,000 | 6,787,200 | 35,848,200 | 28,973,300 | 177,705,100 |
| 1994 | 94,198,000* | 24,293,800 | 5,934,400 | 43,054,700 | 24,446,800 | 191,927,700 |
| 1995 | 86,760,900* | 23,975,300 | 7,658,600 | 39,935,600 | 21,876,500 | 180,206,900 |
| 1996 | 101,425,400* | 31,591,600 | 8,674,200 | 44,472,200 | 25,467,300 | 211,630,700 |
| 1997 | 94,110,000* | 34,585,700 | 10,594,500 | 41,007,000 | 28,843,700 | 209,140,900 |
| 1998 | 87,709,200 | 22,998,900 | 9,318,000 | 36,775,400 | 28,377,000 | 185,178,500 |

* Includes Nursery Stock

DISTRIBUTION OF FARM ACREAGE

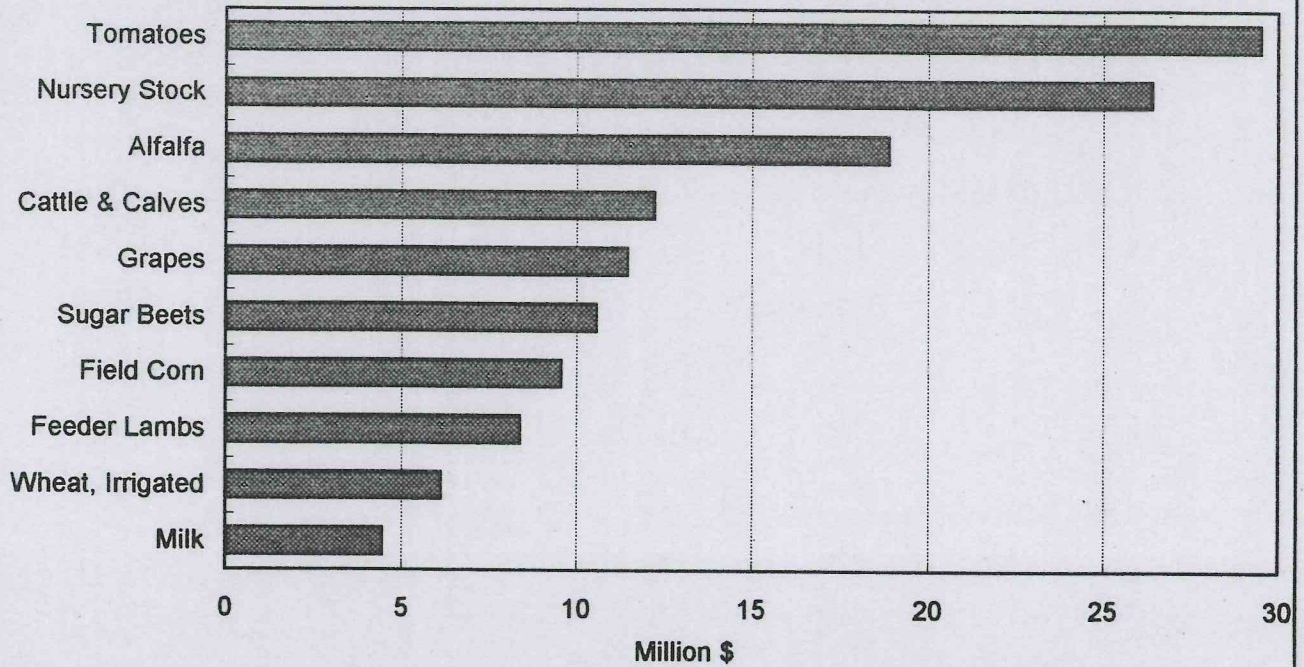
| | 1998 | 1997 |
|-----------------------------|----------|----------|
| Field Crops | 142,635 | 145,647 |
| Fruit & Nut Crops | 15,616 * | 14,680 * |
| Pasture Lands | 164,150 | 164,150 |
| Seed Crops | 13,549 | 12,650 |
| Vegetable Crops | 18,451 | 22,793 |
| Nursery Stock | 837 | 871 |
| | ----- | ----- |
| Totals | 355,238 | 360,791 |

* Includes Non-bearing Acreage

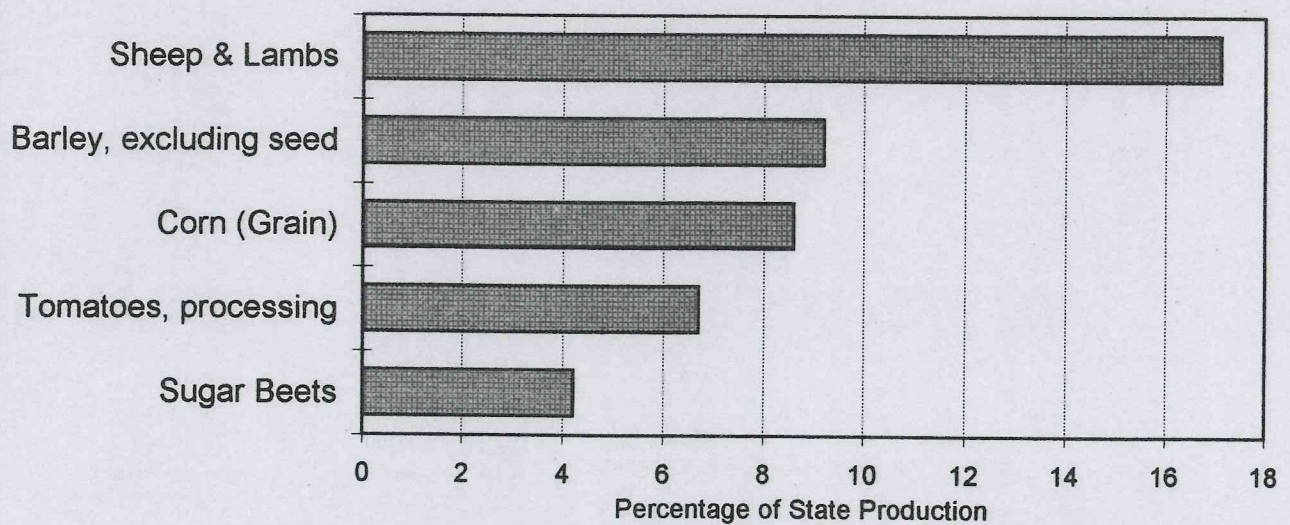


Top Ten Crops in Solano County

By Value for 1998



Solano County's Share of California Production



Values listed are a percentage of statewide production for crops in which Solano ranked in the top five in state gross value for 1997.

\$ MILLION DOLLAR CROPS \$

1998 1997

| | | RANKING | |
|--------------------------------|--------------|---------|------|
| | | 1998 | 1997 |
| TOMATOES, PROCESSING | \$29,504,200 | 1 | 1 |
| NURSERY STOCK | 26,408,000 | 2 | 2 |
| ALFALFA HAY | 18,883,600 | 3 | 3 |
| CATTLE AND CALVES | 12,195,800 | 4 | 7 |
| GRAPES, WINE | 11,437,600 | 5 | 4 |
| SUGAR BEETS | 10,569,100 | 6 | 10 |
| CORN, FIELD | 9,550,300 | 7 | 5 |
| FEEDER LAMBS | 8,392,600 | 8 | 8 |
| WHEAT, IRRIGATED | 6,147,300 | 9 | 6 |
| MILK | 4,456,200 | 10 | 13 |
| WALNUTS | 3,800,300 | 11 | 9 |
| SAFFLOWER, OIL | 2,812,500 | 12 | 14 |
| BEANS, EDIBLE, DRY | 2,605,500 | 13 | 12 |
| PASTURE, RANGELAND | 2,154,800 | 14 | 19 |
| ALMONDS | 1,913,700 | 15 | 22 |
| PEARS | 1,909,300 | 16 | 16 |
| SUNFLOWER, SEED, CERT. | 1,865,900 | 17 | 11 |
| PASTURE, IRRIGATED | 1,845,000 | 18 | 20 |
| PRUNES | 1,683,000 | 19 | 15 |
| STOCK SHEEP | 1,679,900 | 20 | 21 |
| BEANS, SEED, DRY | 1,410,500 | 21 | 24 |
| WHEAT, DRYLAND | 1,355,500 | 22 | 18 |
| TOMATO, SEED | 1,328,400 | 23 | -- |
| BARLEY, IRRIGATED | 1,084,400 | 24 | 17 |
| APRICOTS | | | 23 |

ANNUAL SUSTAINABLE AGRICULTURE REPORT

1998

COUNTY BIOLOGICAL CONTROL

| Pest | Biocontrol Agent | Scope of Program * |
|--|--------------------------------|--------------------|
| Yellow Star Thistle <u>Centaurea solstitialis</u> | Bud Weevil | 9 Sites |
| | <u>Bangasternus orientalis</u> | |
| | Hairy Weevil | 1 Site |
| | <u>Eustenopus villosus</u> | |
| | Gall Fly | 2 Sites |
| | <u>Urophora sirunaseva</u> | |
| Purple Star Thistle <u>Centaurea calcitrapa</u> | Weevil | 2 Sites |
| | <u>Larinus minutus</u> | |
| | Fly | |
| | <u>Terrelia Sp.</u> | |

PEST EXCLUSION

| | |
|---|--|
| Gypsy Moth <u>Lymantria dispar</u> | Household Goods 82 Shipments Inspected |
| Exotic Pests | 2,047 Inspections of Packages and Shipments at UPS, Trucks, Foreign Aircraft, etc. |
| Apple Maggot, Kaphra Beetle, Mediterranean Fruit Fly, Oriental Fruit Fly, Japanese Beetle, Melon Fly, Gypsy Moth | 828 Federal, State, and Other Origin or Phytosanitary Inspection Certificates Issued |
| | 895 Traps placed throughout the County to detect the presence of these pests |

* Represents total number of individual sites, trees, acres, etc. incorporated in programs efforts (survey, trap servicings, releases, etc.)

ORGANIC FARMING STATISTICS

| FARMS | PRODUCTS | ACRES |
|-------|---|-------------|
| 23 | VARIOUS FRUITS & VEGETABLES | APPROX. 350 |
| | (Apricots, Beans, Carrots, Cucumbers, Eggplant, Figs, Herbs, Lettuce, Mandarins, Melons, Mushrooms, Oranges, Peaches, Peppers, Persimmons, Plums, Prunes, Squash, Tomatoes, Walnuts, Etc.) | |

SOLANO COUNTY GENERAL INFORMATION

County Seat Fairfield

County Population (January 1, 1998) 383,620

| | | |
|-------------------|-------------------|--------------------|
| Benicia - 27,845 | Dixon - 14,441 | Fairfield - 91,575 |
| Rio Vista - 3,923 | Suisun - 26,280 | Vacaville - 87,700 |
| | Vallejo - 111,436 | |

State Ranking In 1997 For Agricultural Production Values - 29th

Ranking Among California Counties - Gross Values of Production 1997
2nd Sheep & Lambs
5th Barley (Excl. Seed), Corn (Grain), Sugar Beets, Tomatoes (Processing)

Total Secured Assessed Value (1997-98) \$18,247,199,216

Total Land Area In California (Acres, 1997) . . . 100,000,000 Acres

California Agricultural Land (Acres, 1997) . . . 27,698,779 Acres

Area Of County (Square Miles - Land) 823 Sq. Mi.

Area Of County (Acres - Land) 526,720 Acres

Area of County (Acres-Urban Land) 93,894 Acres

Area Of County (Water) 75.3 Sq. Mi.

Area Of County (Acres - Water) 48,192 Acres

Number of Full Time Farms in Solano County (1997) . . 403 Farms

Average U.S. Farm Size (Acres, 1997) 487 Acres

Average California Farm Size (Acres, 1997) 374 Acres

Average Size of Solano Farm (Acres, 1997) 455 Acres

Solano County Road Miles (Jan. 1, 1998) 599.3 Miles

Major Roadways - Interstates 80, 505, 680, 780
Highways 12, 29, 37, 84, 113, 220

Major Farming Districts - Dixon, Winters, Rio Vista-Ryer Island,
Suisun Valley, East Vacaville

Major Rivers & Waterways - Sacramento and Napa Rivers, Deep Water
Ship Channel, San Pablo and Suisun Bays

Railroads Amtrak, California Northern, Southern Pacific

Facilities - Travis Air Force Base, Mare Island Naval Reserve,
University of California at Davis and Wolfskill
Ranch, California Maritime Academy