

NEWS RELEASE

Ronald M. Gilman, Agricultural Commissioner for Santa Barbara County, announced today the release of the 1991 Agricultural Production Report. The report documents the dollar value of agricultural commodities produced in Santa Barbara County. The 1991 dollar value totalled \$500,552,082. It must be emphasized that the values in this report are gross values and that the costs of production, transportation and marketing must be subtracted to determine the net return to growers.

The weather had a significant impact on agriculture this past year. Foremost, the record freeze that gripped the County in December, 1990 caused major damage to the tree crops and outdoor nursery stock grown along the south coast of Santa Barbara County. Avocado orchards, already stressed from years of drought, produced less volume and poorer quality fruit leading to a \$40 million drop in value in 1991 as compared to figures reported in 1990. On a more positive note, the March rains benefited non-irrigated crops and rangeland.

Strawberries, for the seventh consecutive year, rank as Santa Barbara County's leading commodity with gross receipts of nearly \$82.3 million. Broccoli, head lettuce, cauliflower and wine grapes complete the list of the top five commodities produced in 1991.

The Vegetable Crop Division increased in value by nearly \$35 million over last year's figures. This is due to changes in crops grown, increased yields, and increased values received for most commodities reported.

The Field Crop Division realized higher yields for most commodities but lower values for grain and hay crops led to a modest increase of nearly \$1 million in 1991.

The Fruit and Nut Crop Division fell approximately \$30.2 million compared with 1990 figures. Increased production and/or values reported for most commodities in this division were not enough to make up for the loss reported in avocados and other subtropical fruits grown in south county.

The Nursery Products Division receipts increased approximately 5.7% in 1991, a gain of over \$4.5 million. Changes in the varieties of cut flowers and flowering plants account for the increase in this division. The Seed Crop Division had nearly 1900 less planted acres accounting for a reduction in value of \$1.3 million for the 1991 crop year.

The Livestock and Poultry Division figures show a decrease in excess of \$17 million in 1991. One must take into account the drought-induced herd reduction in 1990 when making any comparisons.

Commissioner Gilman stated that agriculture continues to be the major producing industry in Santa Barbara County. The 1991 Agricultural Production Report clearly points out the diversity of agricultural wealth found in the county. This diversity is apparent by the 37 commodities with gross values exceeding \$1 million.

Copies of the Annual Agricultural Production Report may be obtained at any of the Santa Barbara County Agricultural Commissioner's Offices.

The cover . . .

. . . depicts the multi-million dollar avocado industry in Santa Barbara County.

A blast of arctic air dropped temperatures to well below freezing in December, 1990. Some of the effects on the agricultural industry are apparent in the figures detailing

avocado production. This, in combination with sustained drought conditions, contributed to a substantial loss to the agricultural industry in 1991.

The cover for the 1991 Agricultural Production Report was drawn by Nat D. Fast.

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| | <u>Production</u> | | <u>Value</u> | | | | | |
|-------------------------|-------------------|---------------|-----------------|------------------|------------|------------|---------------|----------------------|
| | <u>Harvested</u> | <u>Per</u> | <u>Total</u> | <u>Unit</u> | <u>Wt.</u> | <u>Per</u> | <u>Total</u> | |
| <u>Year</u> | <u>Acreage</u> | <u>Acre</u> | | | | | | <u>Unit</u> |
| Artichokes | 1991 | 815 | 397.23 | 323,743 | CTN | 25# | \$7.72 | \$2,499,296 |
| | 1990 | 1,180 | 412.59 | 486,856 | CTN | 25# | 7.52 | 3,661,157 |
| Broccoli | | | | | | | | |
| Total | 1991 | 18,535 | | | | | | 60,840,279 |
| | 1990 | 16,390 | | | | | | 40,206,736 |
| Fresh | 1991 | 15,036 | 659.27 | 9,912,784 | CTN | 22# | 5.40 | {53,529,034} |
| | 1990 | 11,342 | 619.22 | 7,023,193 | CTN | 22# | 4.56 | {32,025,760} |
| Frozen | 1991 | 3,499 | 5.77 | 20,189 | TON | TON | 362.14 | {7,311,245} |
| | 1990 | 5,048 | 4.48 | 22,615 | TON | TON | 361.75 | {8,180,976} |
| Cabbage | 1991 | 938 | 851.66 | 798,857 | CTN | 50# | 5.15 | 4,114,114 |
| | +1990 | 1,380 | 584.06 | 806,003 | CTN | 50# | 4.82 | 3,884,394 |
| Carrots | 1991 | 3,119 | 36.69 | 114,436 | TON | TON | 52.74 | 6,035,355 |
| | +1990 | 2,565 | 33.91 | 86,979 | TON | TON | 54.60 | 4,749,053 |
| Cauliflower* | 1991 | 8,676 | 591.64 | 5,133,069 | CTN | 25# | 7.40 | 37,984,711 |
| | 1990 | 9,596 | 550.58 | 5,283,382 | CTN | 25# | 5.82 | 30,745,497 |
| Celery | 1991 | 2,627 | 1,058.64 | 2,781,047 | CTN | 60# | 5.03 | 13,988,666 |
| | 1990 | 3,092 | 959.49 | 2,966,743 | CTN | 60# | 6.27 | 18,601,479 |
| Lettuce, Head | 1991 | 9,005 | 752.72 | 6,778,244 | CTN | 50# | 6.54 | 44,329,716 |
| | 1990 | 7,446 | 729.81 | 5,434,165 | CTN | 50# | 5.93 | 32,224,599 |
| Lettuce, Leaf | 1991 | 1,424 | 641.77 | 913,881 | CTN | 30# | 5.19 | 4,743,042 |
| | 1990 | 1,923 | 645.53 | 1,241,354 | CTN | 30# | 5.01 | 6,219,184 |
| Peas, Edible Pod | 1991 | 1,071 | 537.00 | 575,127 | CTN | 10# | 8.44 | 4,854,072 |
| | 1990 | 1,266 | 459.12 | 581,246 | CTN | 10# | 7.63 | 4,434,907 |
| Spinach | 1991 | 694 | 727.30 | 504,746 | CTN | 20# | 5.20 | 2,624,679 |
| | 1990 | 1,252 | 550.71 | 689,489 | CTN | 20# | 4.94 | 3,406,076 |
| Squash, Summer | 1991 | 985 | 513.67 | 505,965 | CTN | 26# | 5.43 | 2,747,390 |
| | 1990 | 1,085 | 601.78 | 652,931 | CTN | 26# | 5.16 | 3,369,124 |
| Miscellaneous | 1991 | 6,237 | | | | | | 21,839,115 |
| | 1990 | 6,713 | | | | | | 20,114,713 |
| Total | 1991 | 54,126 | | | | | | \$206,600,435 |
| | +1990 | 53,888 | | | | | | 171,616,919 |

* Includes fresh market and processing cauliflower.

+ Revised

| | Year | Production | | | Value | | |
|----------------------|------|----------------------|-------------|---------|-------|-------------|--------------|
| | | Harvested Acreage | Per Acre | Total | Unit | Per Unit | Total |
| Barley | 1991 | 1,359 | 27.49 | 37,359 | CWT | \$5.77 | \$215,561 |
| | 1990 | 1,504 | 8.23 | 12,378 | CWT | 7.26 | 89,864 |
| Beans | | | | | | | |
| Lima | 1991 | 4,966 | 21.22 | 105,379 | CWT | 47.30 | 4,984,427 |
| | 1990 | 5,287 | 13.46 | 71,163 | CWT | 47.35 | 3,369,568 |
| Miscellaneous | 1991 | 299 | | | | | 290,975 |
| | 1990 | 524 | | | | | 331,458 |
| Alfalfa | 1991 | 4,236 | 7.60 | 32,194 | TON | 94.99 | 3,058,108 |
| | 1990 | 4,011 | 6.95 | 27,877 | TON | 133.75 | 3,728,549 |
| Hay, Grain | 1991 | 5,457 | 2.47 | 13,479 | TON | 66.47 | 895,949 |
| | 1990 | 7,756 | 1.76 | 13,651 | TON | 95.98 | 1,310,223 |
| Oats, including seed | 1991 | 278 | 21.76 | 6,049 | CWT | 14.03 | 84,868 |
| | 1990 | 279 | 9.99 | 2,787 | CWT | 23.42 | 65,272 |
| Pasture | | | | | | | |
| Irrigated | 1991 | 6,326 | | | | 110.00 | 695,860 |
| | 1990 | 6,125 | | | | 100.00 | 612,500 |
| Non-irrigated | 1991 | 774,520 | | | | 6.09 | 4,716,827 |
| | 1990 | 774,349 | | | | 6.08 | 4,708,042 |
| Silage | 1991 | 1,357 | 15.74 | 21,359 | TON | 23.09 | 493,179 |
| | 1990 | 1,150 | 20.45 | 23,518 | TON | 20.91 | 491,761 |
| Wheat | 1991 | 2,100 | 11.29 | 23,709 | CWT | 5.20 | 123,287 |
| | 1990 | 528 | 21.29 | 11,241 | CWT | 5.07 | 56,992 |
| Miscellaneous | 1991 | 431 | | | | | 107,431 |
| | 1990 | 0 | | 1,846 | TON | 15.81 | 29,185 |
| <hr/> | | | | | | | |
| Total | 1991 | 801,329 | | | | | \$15,666,472 |
| | 1990 | 801,513 | | | | | 14,793,414 |

| | Year | <u>Production</u> | | | <u>Value</u> | | | Total |
|---------------------|------|-------------------|-------------------|----------|--------------|----------|------------|---------------|
| | | Planted Acreage | Harvested Acreage | Per Acre | Total | Per Unit | Unit | |
| Avocados | 1991 | 9,933 | 8,541 | 1.18 | 10,078 | TON | \$1,624.78 | \$16,374,533 |
| | 1990 | 10,300 | 9,610 | 1.83 | 17,586 | TON | 3,200.85 | 56,290,148 |
| Grapes | 1991 | 9,505 | 8,889 | 3.56 | 31,645 | TON | 1,036.01 | 32,784,537 |
| | 1990 | 9,542 | 8,151 | 3.77 | 30,729 | TON | 1,015.90 | 31,217,591 |
| Lemons | 1991 | 1,436 | 1,351 | 9.84 | 13,294 | TON | 586.10 | 7,791,613 |
| | 1990 | 1,500 | 1,386 | 13.36 | 18,517 | TON | 405.04 | 7,500,126 |
| Strawberries | | | | | | | | |
| Total | 1991 | 5,014 | 5,014 | | | | | 82,297,364 |
| | 1990 | 4,530 | 4,530 | | | | | 74,748,539 |
| Fresh | 1991 | | | 2,585.70 | 11,671,850 | 12# | 5.44 | {63,494,864} |
| | 1990 | | | 2,950.14 | 11,903,815 | 12# | 5.41 | {64,399,639} |
| Processing | 1991 | | | 7.50 | 37,605 | TON | 500.00 | {18,802,500} |
| | 1990 | | | 3.87 | 17,531 | TON | 590.32 | {10,348,900} |
| Walnuts | 1991 | 653 | 614 | 1.45 | 890 | TON | 1,106.00 | 984,340 |
| | 1990 | 747 | 692 | .88 | 609 | TON | 930.00 | 566,370 |
| Miscellaneous | 1991 | 850 | 733 | | | | | 3,078,471 |
| | 1990 | 342 | 331 | | | | | 3,224,301 |
| <hr/> | | | | | | | | |
| Total | 1991 | 27,391 | 25,142 | | | | | \$143,310,858 |
| | 1990 | 26,961 | 24,700 | | | | | 173,547,075 |
| <hr/> | | | | | | | | |

| | Year | Production Area | | Value |
|--|------|------------------|----------------|------------|
| | | House Sq. Ft. | Field Acres | Total |
| <u>Cut Flowers & Cut Greens</u> | | | | |
| Carnations | 1991 | 790,040 | | \$ 890,416 |
| | 1990 | 604,540 | | 1,070,500 |
| Chrysanthemums | 1991 | 8,323,272 | | 9,708,880 |
| | 1990 | 10,365,886 | | 11,501,158 |
| Gerbera | 1991 | 878,000 | | 4,708,725 |
| | 1990 | 920,750 | | 4,190,400 |
| Gypsophila | 1991 | | | 344.00 |
| | 1990 | | | 340.25 |
| Orchids | 1991 | 1,660,605 | | 5,923,557 |
| | 1990 | 1,584,920 | | 6,565,862 |
| Roses | 1991 | 1,412,000 | | 5,695,000 |
| | 1990 | 1,408,000 | | 5,360,000 |
| Statice | 1991 | | | 129.40 |
| | 1990 | | | 52.15 |
| Miscellaneous Flowers | 1991 | 2,640,170 | | 344.25 |
| | 1990 | 3,689,390 | | 443.10 |
| Miscellaneous Greens, Trees and Wood Products | 1991 | 5,000 | | 138.75 |
| | 1990 | | | 248.00 |
| <u>Potted Plants</u> | | | | |
| Chrysanthemums | 1991 | 4,346,900 | | 7,079,229 |
| | 1990 | 4,661,272 | | 7,490,158 |
| Foliage Plants | 1991 | 918,260 | | 2,418,400 |
| | 1990 | 924,770 | | 2,261,766 |
| Orchid Plants | 1991 | 1,303,875 | | 6,243,371 |
| | 1990 | 1,422,692 | | 7,157,334 |
| Poinsettias | 1991 | 587,300 | | 1,872,220 |
| | 1990 | 515,828 | | 1,147,626 |
| Miscellaneous Flowering Plants | 1991 | 2,229,938 | | 3.00 |
| | 1990 | 1,975,230 | | 10.00 |

Nursery Products cont.

| | Year | Production Area | | Value | |
|---|-------|------------------|----------------|--------------|-------|
| | | House Sq. Ft. | Field Acres | Total | Total |
| Herbaceous Perennials, Ground Covers, Turf, Bulbs & Bedding Plants | 1991 | 16,651 | 405.70 | 6,693,810 | |
| | 1990 | 42,784 | 268.40 | 7,489,689 | |
| Transplants: Vegetables, Fruit Trees & Vines | 1991 | 1,652,960 | 234.80 | 3,364,301 | |
| | +1990 | 1,589,988 | 267.50 | 2,651,885 | |
| Woody Ornamentals & Ground Covers | 1991 | 2,200 | 261.90 | 7,767,709 | |
| | 1990 | 159,580 | 240.00 | 7,813,588 | |
| Total | 1991 | 26,767,171 | 1,861.80 | \$83,484,409 | |
| | +1990 | 29,865,630 | 1,869.40 | 78,948,763 | |

+ Revised

| | Year | Production | | | Value | | |
|----------------|------|----------------------|-------------|--------|-------------|---------|-------------|
| | | Harvested Acreage | Per Acre | Total | Per Unit | Unit | Total |
| Bean Seed | 1991 | 2,239 | 20.86 | 46,706 | CWT | \$57.75 | \$2,697,272 |
| | 1990 | 4,114 | 14.35 | 59,036 | CWT | 53.15 | 3,137,763 |
| Flower Seed | 1991 | 914 | | | | | 4,230,207 |
| | 1990 | 807 | | | | | 5,018,014 |
| Vegetable Seed | 1991 | 469 | | | | | 1,535,895 |
| | 1990 | 590 | | | | | 1,668,620 |
| Total | 1991 | 3,622 | | | | | \$8,463,374 |
| | 1990 | 5,511 | | | | | 9,824,397 |

| Year | Production | | Value | | | |
|-------------------|-------------|------------------|---------|----------|---------|--------------|
| | No. of Head | Total Liveweight | Unit | Per Unit | Total | |
| Cattle and Calves | 1991 | 48,003 | 300,018 | CWT | \$82.82 | \$24,847,491 |
| | 1990* | 85,881 | 517,004 | CWT | 78.90 | 40,791,616 |
| Hogs and Pigs | 1991 | 1,132 | 2,611 | CWT | 51.03 | 133,239 |
| | 1990 | 1,741 | 3,578 | CWT | 57.69 | 206,415 |
| Sheep and Lambs | 1991 | 4,505 | 5,431 | CWT | 60.52 | 328,684 |
| | 1990 | 4,860 | 4,804 | CWT | 59.14 | 284,109 |
| Miscellaneous | 1991 | | | | | 5,085,547 |
| | 1990 | | | | | 6,240,195 |
| Total | 1991 | | | | | \$30,394,961 |
| | 1990 | | | | | 47,522,335 |

* Drought-induced herd reduction.

| Year | Production | Value | | | |
|------------------------|------------|---------|----------|-----------|--------------|
| | | Unit | Per Unit | Total | |
| Apiary | 1991 | | | \$616,067 | |
| | 1990 | | | 228,641 | |
| Milk and Milk Products | 1991 | 589,648 | CWT | \$11.56 | 6,816,331 |
| | 1990 | 561,926 | CWT | \$12.16 | 6,833,020 |
| Wool | 1991 | 49,500 | LBS | .60 | 29,700 |
| | 1990 | 58,350 | LBS | 1.00 | 58,350 |
| Miscellaneous | 1991 | | | | 5,169,475 |
| | 1990 | | | | 5,144,335 |
| Total | 1991 | | | | \$12,631,573 |
| | 1990 | | | | 12,264,346 |

MISCELLANEOUS CROPS

VEGETABLES

Includes: Anise, asparagus, beans (snap), beets, carrots (bunch), chinese vegetables, cilantro, corn (sweet), cucumbers, endive, escarole, herbs, kale, leeks, melons, mix vegetables, onions, parsley, peppers, potatoes, pumpkins, rutabagas, squash (winter), tomatillos, tomatoes, and turnips.

FIELD CROPS

Miscellaneous beans

Includes: Garbanzo, pinto and yellow beans.

Miscellaneous

Includes: Cattle feed, sudan hay and sudan seed.

FRUIT AND NUT CROPS

Includes: Apples, apricots, cherimoyas, kiwis, limes, macadamias, passion fruit, persimmons, pistachios, raspberries and table grapes.

NURSERY PRODUCTS

Miscellaneous cut flowers

Includes: Agapanthus, alstromeria, anemone, asters, bouvardia, calla lilies, daisies, delphinium, freesias, gardenias, gladiolas, godetia, iris, larkspur, leptospermum, lily, proteas, snap dragon, stock and tuberose.

Miscellaneous flowering plants

Includes: African violets, azaleas, begonias, bromeliads, carnations, cyclamen, dianthus, exacum, fuchsias, geraniums, gerberas, hydrangeas, roses and tulips.

LIVESTOCK AND POULTRY

Includes: Breeding stock, chickens and goats.

LIVESTOCK, POULTRY AND APIARY PRODUCTS

Includes: Eggs, fertilizer and goat milk.

MILLION DOLLAR PRODUCTS

| <u>1991 Ranking</u> | | <u>+1990</u> | |
|----------------------------|---|---------------------|----|
| <u>Ranking</u> | | | |
| 1 | Strawberries | 82,297,364 | 1 |
| 2 | Broccoli | 60,840,279 | 4 |
| 3 | Lettuce, head | 44,329,716 | 5 |
| 4 | Cauliflower | 37,984,711 | 7 |
| 5 | Grapes | 32,784,537 | 6 |
| 6 | Cattle | 24,847,941 | 3 |
| 7 | Avocados | 16,374,533 | 2 |
| 8 | Celery | 13,988,666 | 8 |
| 9 | Chrysanthemums, cut | 9,708,880 | 9 |
| 10 | Cut Flowers, miscellaneous | 9,628,809 | 18 |
| 11 | Lemons | 7,791,613 | 11 |
| 12 | Woody Ornamentals | 7,767,709 | 10 |
| 13 | Chrysanthemums, potted | 7,079,229 | 12 |
| 14 | Milk | 6,816,331 | 15 |
| 15 | Herbaceous Plants | 6,693,810 | 13 |
| 16 | Orchids, potted | 6,243,371 | 14 |
| 17 | Flowering Plants | 6,173,799 | 28 |
| 18 | Carrots | 6,035,355 | 21 |
| 19 | Orchids, cut | 5,923,557 | 16 |
| 20 | Roses | 5,695,000 | 19 |
| 21 | Beans, Lima | 4,984,427 | 31 |
| 22 | Peas, edible pod | 4,854,072 | 23 |
| 23 | Lettuce, leaf | 4,743,072 | 17 |
| 24 | Pasture, non-irrigated | 4,716,827 | 22 |
| 25 | Gerbera | 4,708,725 | 24 |
| 26 | Flower Seed | 4,230,207 | 20 |
| 27 | Gypsophila | 4,117,320 | 29 |
| 28 | Cabbage | 4,114,114 | 25 |
| 29 | Transplants: Vegetables, Fruit Trees & Vines | 3,364,301 | 34 |
| 30 | Alfalfa | 3,058,108 | 26 |
| 31 | Squash, summer | 2,747,390 | 32 |
| 32 | Bean Seed | 2,697,272 | 33 |
| 33 | Spinach | 2,624,679 | 30 |
| 34 | Artichokes | 2,499,296 | 27 |
| 35 | Foliage Plants | 2,418,400 | 35 |
| 36 | Poinsettias | 1,872,220 | 38 |
| 37 | Vegetable Seed | 1,535,895 | 36 |

+ Revised

SUMMARY

| | <u>YEAR</u> | <u>ACREAGE</u> | <u>FOB VALUE</u> |
|---|-------------|----------------|----------------------|
| Vegetables | 1991 | 54,126 | \$206,600,435 |
| | +1990 | 53,888 | 171,616,919 |
| Field Crops | 1991 | 801,329 | 15,666,472 |
| | 1990 | 801,513 | 14,793,414 |
| Fruit & Nut Crops | 1991 | 25,142 | 143,310,858 |
| | 1990 | 24,700 | 173,547,075 |
| Nursery Products | 1991 | 2,476 | 83,484,409 |
| | +1990 | 2,555 | 78,948,763 |
| Seed Crops | 1991 | 3,622 | 8,463,374 |
| | 1990 | 5,511 | 9,824,397 |
| Livestock and Poultry | 1991 | | 30,394,961 |
| | 1990 | | 47,522,335 |
| Livestock, Poultry and Apiary Products | 1991 | | 12,631,573 |
| | 1990 | | 12,264,346 |
| <hr/> | | | |
| Total | 1991 | 886,695 | \$500,552,082 |
| | +1990 | 888,167 | 508,517,249 |

+ Revised

COMPARATIVE AGRICULTURAL VALUES

| | |
|-------------------|----------------------|
| 1991 | \$500,552,082 |
| +1990 | 508,517,249 |
| 1989 | 481,283,756 |
| 1988 | 436,515,018 |
| 1987 | 381,670,169 |
| 1986 | 348,169,389 |
| 1985 | 341,811,369 |
| 1984 | 323,110,206 |
| 1983 | 318,903,463 |
| 1982 | 317,152,978 |
| 1981 | 308,773,222 |
| 1980 | 299,862,444 |
| 1979 | 248,525,596 |
| 1978 | 208,020,620 |
| 1977 | 190,907,996 |
| 1976 | 165,867,484 |
| 1975 | 157,762,348 |

+ Revised

VEGETABLE CROPS

| YEAR | <u>PRODUCTION</u> | | <u>VALUE</u> | | TOTAL | UNIT | PER | TOTAL |
|---------------------|----------------------|-------------|--------------|--------------|-------|--------|------------|-------|
| | HARVESTED ACREAGE | PER ACRE | TOTAL | UNIT UNIT | | | | |
| Anise | 1991 | 190.5 | 521 | 99,190 | CTN | 9.66 | 958,233 | |
| Asparagus | 1991 | 145.5 | 345 | 50,221 | CTN | 21.49 | 1,079,687 | |
| Baby Vegetables | 1991 | 981.0 | 500 | 490,500 | CTN | 4.18 | 2,049,968 | |
| Beans, Snap | 1991 | 121.7 | 380 | 46,188 | CTN | 3.00 | 138,369 | |
| Beets | 1991 | 3.4 | 339 | 1,154 | CTN | 11.66 | 13,465 | |
| Bell Peppers | 1991 | 76.3 | 699 | 53,348 | CTN | 4.99 | 266,624 | |
| Cantaloupe | 1991 | 1.0 | 400 | 400 | LBS | 10.00 | 4,000 | |
| Carrots, Bunch | 1991 | 27.4 | 424 | 11,628 | CTN | 10.39 | 120,928 | |
| Cherry Tomatoes | 1991 | 10.0 | 660 | 6,600 | CTN | 6.18 | 40,800 | |
| Chinese Vegetables | 1991 | 443.8 | 839 | 372,344 | CTN | 8.67 | 3,230,431 | |
| Cilantro | 1991 | 721.0 | 655 | 472,285 | CTN | 3.89 | 11,840,620 | |
| Cilantro, Dehydrate | 1991 | 108.0 | 330 | 35,670 | LBS | 2.60 | 92,742 | |
| Collard | 1991 | .5 | 600 | 300 | CTN | 10.00 | 3,000 | |
| Corn, Sweet | 1991 | 879.3 | 297 | 261,499 | CTN | 6.66 | 1,743,839 | |
| Cucumber | 1991 | 10.4 | 11,727 | 121,961 | CTN | 10.90 | 1,329,603 | |
| Diakon | 1991 | 2.8 | 239 | 668 | CTN | 8.29 | 5,539 | |
| Eggplant | 1991 | 1.0 | 700 | 700 | CTN | 12.42 | 8,700 | |
| Endive | 1991 | 70.0 | 509 | 35,646 | CTN | 7.77 | 277,190 | |
| Escarole | 1991 | 65.0 | 474 | 30,809 | CTN | 7.68 | 236,813 | |
| Green Onion | 1991 | 51.0 | 35 | 1,800 | CTN | 5.00 | 9,000 | |
| Herbs | 1991 | 1.5 | 767 | 1,150 | CTN | 13.04 | 15,000 | |
| Kale | 1991 | 76.0 | 3,175 | 241,289 | CTN | 4.52 | 1,090,725 | |
| Leek | 1991 | 31.3 | 1,434 | 44,869 | CTN | 6.29 | 282,353 | |
| Mixed Vegetables | 1991 | 335.0 | | 2,166,524 | | | | |
| Mustard | 1991 | 2.9 | 208 | 602 | CTN | 8.75 | 5,273 | |
| Onions, Dry | 1991 | 48.0 | 19 | 912 | TON | 160.00 | 145,920 | |
| Parsley, Dehydrate | 1991 | 200.0 | 4,063 | 812,600 | LBS | .60 | 487,560 | |
| Parsley, Root | 1991 | 6.0 | 500 | 3,000 | CTN | 6.00 | 18,000 | |
| Parsley | 1991 | 140.5 | 1,510 | 212,158 | CTN | 4.94 | 1,048,371 | |
| Peppers, Dehydrate | 1991 | 76.0 | 3,753 | 285,228 | LBS | .54 | 155,449 | |
| Peppers | 1991 | 26.7 | 1,145 | 30,578 | CTN | 3.44 | 105,428 | |
| Potatoes | 1991 | 529.0 | 306 | 161,682 | CWT | 6.23 | 1,008,803 | |
| Rutabagas | 1991 | 15.0 | 4 | 60 | TON | 240.00 | 14,400 | |
| Tomatillos | 1991 | 20.0 | 400 | 8,000 | CTN | 8.75 | 70,000 | |
| Tomatoes | 1991 | 6.6 | 597 | 3,938 | CTN | 11.68 | 46,012 | |
| Tomatoes, Process | 1991 | 500.0 | 30 | 15,111 | TON | 53.96 | 815,400 | |
| Turnips | 1991 | 72.7 | 16 | 1,151 | TON | 81.27 | 93,548 | |
| Watermelon | 1991 | 2.0 | 1,500 | 3,000 | LBS | .20 | 600 | |
| Winter Squash | 1991 | 163.7 | 24 | 3,954 | TON | 42.08 | 166,409 | |

FIELD CROPS

| YEAR | <u>PRODUCTION</u> | | <u>VALUE</u> | | | TOTAL | UNIT | PER | TOTAL |
|---------------|----------------------|-------------|--------------|------|----------|-------|-------|---------|-------|
| | HARVESTED ACREAGE | PER ACRE | TOTAL | UNIT | PER | | | | |
| BEANS | | | | | | | | | |
| | | 1991 | 5.0 | 20 | 100 | CWT | 25.00 | 2,500 | |
| | | 1991 | 219.0 | 21 | 4,630 | CWT | 47.00 | 217,610 | |
| | | 1991 | 77.0 | 20 | 1,545 | CWT | 47.00 | 72,615 | |
| MISCELLANEOUS | | | | | | | | | |
| | | 1991 | 326.00 | 5 | 1,723 | TON | 51.42 | 88,606 | |
| | | 1991 | 105.00 | 9 | 915 | CWT | 20.57 | 18,825 | |
| | | 1991 | | 33 | TON30.00 | | | ,990 | |

FRUIT AND NUT

| YEAR | <u>PRODUCTION</u> | | <u>VALUE</u> | | | TOTAL | UNIT | PER | TOTAL |
|--------------|----------------------|-------------|--------------|--------|---------|-------|--------|-----------|-------|
| | HARVESTED ACREAGE | PER ACRE | TOTAL | UNIT | PER | | | | |
| | | 1991 | 27.5 | 7,693 | 211,557 | LBS | .36 | 76,792 | |
| | | 1991 | 3.0 | 5,068 | 15,204 | LBS | .25 | 3,801 | |
| | | 1991 | 125.0 | 2,914 | 364,220 | LBS | 3.02 | 1,101,958 | |
| | | 1991 | 8.0 | 913 | 7,300 | CTN | 3.42 | 25,000 | |
| | | 1991 | 45.0 | 13,422 | 604,006 | LBS | .07 | 46,350 | |
| | | 1991 | 20.0 | 56 | 1,125 | LBS | 7.00 | 7,878 | |
| | | 1991 | 61.5 | | | | | 331,958 | |
| | | 1991 | .5 | 600 | 300 | LBS | .35 | 105 | |
| | | 1991 | 38.0 | 6,646 | 252,554 | LBS | .26 | 67,210 | |
| | | 1991 | 230.0 | | | | | 244,480 | |
| | | 1991 | 115.0 | 1,200 | 138,000 | CTN | 4.30 | 592,960 | |
| Table Grapes | 1991 | 18.0 | 167 | 3,000 | CTN | 10.00 | 30,000 | | |

MISCELLANEOUS NURSERY

| Cut Flowers | YEAR | SQUARE FOOT | ACREAGE | VALUE |
|------------------|------|-------------|---------|-----------|
| Agapanthus | 1991 | 6,000 | | 2,000 |
| Alstromeria | 1991 | 30,000 | 1 | 54,550 |
| Anemone | 1991 | | .5 | 20,000 |
| Asiatic | 1991 | 27,000 | | 30,000 |
| Asters | 1991 | 653,400 | | 1,158,106 |
| Bouvardia | 1991 | 16,000 | | 350,000 |
| Bulbs | 1991 | 4,500 | | 4,000 |
| Calla Lilies | 1991 | 4 | | 48,000 |
| Daisies | 1991 | 6 | | 40,000 |
| Delphinium | 1991 | 40,000 | 64 | 550,283 |
| Freesias | 1991 | 98,000 | | 36,000 |
| Gardenias | 1991 | 86,000 | | 429,720 |
| Gladiolas | 1991 | 8,000 | | 5,000 |
| Godetia | 1991 | | 1.5 | 36,000 |
| Iris | 1991 | | 1 | 15,000 |
| Larkspur | 1991 | | 20 | 176,656 |
| Leptospermum | 1991 | | 12 | 96,200 |
| Lilies | 1991 | 776,000 | | 2,398,000 |
| Misc. Flowers | 1991 | 386,720 | 106 | 3,975,381 |
| Monte Casino | 1991 | 82,000 | | 61,000 |
| Protea | 1991 | 107 | | 383,945 |
| Queen Ann | 1991 | | 1.5 | 12,353 |
| Ranunculus | 1991 | 40,000 | 1 | 62,000 |
| Snap dragons | 1991 | 345,450 | | 240,000 |
| Stock | 1991 | | 124 | 474,928 |
| Sweet william | 1991 | | 1.5 | 1,507 |
| Tuberose | 1991 | 600 | | 500 |
| Flowering Plants | | | | |
| African Violets | 1991 | 8,000 | | 50,000 |
| Azaleas | 1991 | 20,000 | | 31,000 |
| Begonias | 1991 | 8,000 | | 5,433 |
| Bromeliads | 1991 | 1,500 | | 5,000 |
| Carnations | 1991 | 13,000 | | 35,750 |
| Cyclamen | 1991 | 12,000 | | 11,000 |
| Fuchsias | 1991 | 12,000 | | 20,000 |
| Geraniums | 1991 | 284,250 | | 1,045,000 |
| Gerberas | 1991 | 21,500 | | 49,000 |
| Haemanthus | 1991 | 208 | | 385 |

MISCELLANEOUS NURSERY Continued

| Flowering Plants | YEAR | SQUARE FOOT | ACREAGE | VALUE |
|------------------|------|-------------|---------|-----------|
| Hydrangeas | 1991 | 26,000 | | 36,500 |
| Lilies | 1991 | 9,000 | | 64,400 |
| Misc. Flowers | 1991 | 1,746,480 | 3 | 4,486,607 |
| Roses | 1991 | 60,000 | | 200,000 |
| Tulips | 1991 | 8,000 | | 6,500 |

LIVESTOCK

| | YEAR | NUMBER OF HEAD | VALUE |
|----------------|------|----------------|-----------|
| Breeding Stock | 1991 | | 5,039,609 |
| Chickens | 1991 | 209,034 | 40,378 |
| Goats | 1991 | 95 | 5,560 |

LIVESTOCK PRODUCTS

| | YEAR | PRODUCTION | UNIT | VALUE |
|------------|------|------------|-------|-----------|
| Eggs | 1991 | 5,755,653 | DOZ. | 5,123,360 |
| Fertilizer | 1991 | 9,443 | TONS | 45,488 |
| Goat Milk | 1991 | 209 | GALS. | 627 |

SANTA BARBARA COUNTY SUSTAINABLE AGRICULTURAL SUMMARY*

COUNTY BIOLOGICAL CONTROL EFFORTS

| <u>PEST</u> | <u>BIO-CONTROL AGENT</u> | <u>SCOPE OF PROGRAM</u> ⁽¹⁾ |
|--|--|--|
| Ash Whitefly <i>Siphonius phillyreae</i> | Hymenoptera wasp <i>Encarsia partenopea</i> | 45 sites |
| Western Grapeleaf Skeletonizer <i>Harrisina brillians</i> | Diptera fly <i>Ametadoria sp.</i> | 6 sites |
| Grape Leafhopper <i>Erythroneura elegantula</i> | Hymenoptera wasp <i>Anagrus epos</i> | 100 acres |
| Russian Wheat Aphid <i>Diuraphis noxia</i> | Hymenoptera wasps <i>Aphelinus sp.</i> <i>Diaeretiella rapae</i> | 500 acres |
| Woolly Whitefly <i>Aleurothrixus floccosus</i> | Hymenoptera wasps <i>Cales sp.</i> <i>Amitus sp.</i> | Various sites County-wide |
| Horn and Face Flies <i>Musca autumnalis</i> <i>Haematobia irritans</i> | Coleoptera: scarabaeidae <i>Onthophagus taurus</i> <i>O. gazella</i> <i>O. alexis</i> | 76,000 acres |
| Ice Plant Scale <i>Pulvinariella mesembryanthemi</i> | Hymenoptera wasps <i>Metaphycus sp.</i> | Various sites County-wide |
| Yellow Starthistle <i>Centaurea solstitialis</i> | Coleoptera: Curculionidae <i>Bangasternus orientalis</i> | 1 site (5000 acres) |
| Italian Thistle <i>Carduus pycnocephalus</i> | Coleoptera: Curculionidae <i>Rhinocyllus conicus</i> | 20 sites (500 acres) |
| Puncture Vine <i>Tribulus terrestris</i> | Coleoptera: Curculionidae <i>Microlarinus sp.</i> | 3 site (100 acres) |
| Alfalfa Weevil <i>Hypera sp.</i> | Hymenoptera wasps <i>Microctonus sp.</i> | 400 acres |

* Section 2272 of the Food and Agricultural Code requires the Agricultural Commissioner to include a summary of sustainable agricultural in the Annual Report.

(1) Represents total number of individual sites, acres, etc. incorporated in the program efforts.

Sustainable Agriculture cont.

PEST EXCLUSION

| <u>PEST (RATING)</u> | <u>HOST/MECHANISM/ORIGIN</u> | <u>NUMBER/DISPOSITION</u> |
|--|--|---|
| Magnolia White Scale (A) <i>Pseudaulacaspis cockerelli</i> | Cut Flowers/Airport/Hawaii <i>Cut Flowers/Truck/Florida</i> | 3 Rejected/Destroyed <i>1 Rejected/Destroyed</i> |
| Aglaonema Scale (Q) <i>Aspidiotus excisus</i> | Aglaonema/Truck/Costa Rica | 1 Rejected/Destroyed |
| Red Wax Scale (A) <i>Ceroplastes rubens</i> | Maile Leaves/Parcel Post/Hawaii | 2 Rejected/Destroyed |
| Green Scale (Q) <i>Coccus viridis</i> | Cut Flowers/Airport/Hawaii | 2 Rejected/Destroyed |
| A Mealybug (Q) <i>Balanococcus sp.</i> | Phormium/Truck/New Zealand | 1 Rejected/Destroyed |
| Big Headed Ant (Q) <i>Pheidole megacephala</i> | Cut Flowers/Parcel Post/Hawaii | 1 Rejected/Destroyed |
| Rufous Scale (A) <i>Selenaspidus articulatus</i> | Cut Flowers/Truck/Costa Rica | 1 Rejected/Destroyed |
| Tropical Palm Scale (A) <i>Abgrallaspis palmae</i> | Aechmea/Truck/Florida | 1 Rejected/Destroyed |
| Eastern Tent Caterpillar (Q) <i>Malacosoma americanum</i> | Outdoor Articles/Truck/New York | 1 Life Stage/Destroyed |
| Ants (Q) <i>Technomyrmex albipes</i> <i>Anoplolepis longipes</i> | Cut Flowers/Airport/Hawaii | 2 Rejected/Destroyed |
| Boxwood Scale (Q) <i>Pinnaspis buxi</i> | Red Ti Leaves/Parcel Post/Hawaii | 1 Rejected/Destroyed |
| Lesser Snow Scale (A) <i>Pinnaspis strachani</i> | Cut Flowers/Truck/Hawaii | 1 Rejected/Destroyed |

Sustainable Agriculture cont.

PEST DETECTION

| <u>PEST</u> | <u>NUMBER of TRAPS</u> | <u>SERVICINGS</u> |
|--|------------------------|-------------------|
| Mediterranean Fruit Fly <u>Ceratitis capitata</u> | 795 | 20,313 |
| Oriental Fruit Fly <u>Dacus dorsalis</u> | 475 | 16,868 |
| Melon Fly <u>Dacus cucurbitae</u> | 250 | 9,653 |
| Mexican Fruit Fly <u>Anastrepha ludens</u> | 475 | 16,003 |
| Gypsy Moth <u>Lymantria dispar</u> | 325 | 6,442 |
| Japanese Beetle <u>Popillia japonica</u> | 250 | 4,417 |

ORGANIC FARMING STATISTICS

Approximately 5,300 acres are farmed in Santa Barbara County utilizing organic farming principles, producing a wide variety of crops.

VEGETABLE CROPS

Includes:

Anise, bellpeppers, carrots, cauliflower, cherry tomatoes, chili peppers, cucumbers, eggplant, garlic, gourmet specialty vegetables, green onions, herbs, kale, lettuce, leeks, melons, nopales, parsley, potatoes, pumpkins, snap beans, sweet corn, table beets, tomatoes, tomatillos, various squash and vegetable transplants.

FRUIT AND NUT CROPS

Includes:

Apples, apricots, avocados, bananas, berries, cherimoya, figs, grapefruit, grapes, guava, kiwi, lemons, lime, macadamia nuts, mandarins, olives, oranges, peaches, persimmons, plums and tangerines.

FIELD CROPS

Includes:

Grain and rangeland.

DEPARTMENT STAFF

Commissioner/Director

Ronald M. Gilman

Assistant Commissioner/Director

William Gillette

Deputy Director

Elizabeth A. H. Ellsworth

Deputy Commissioners

Joe Karl

Guy Tingos

Entomologist

Jerry Davidson

Plant Pathologist

Heather Vallier

Supervising Agricultural Biologists

Margaret Brown

Curtis Sayer

David Chang

Executive Secretary

Kathy Freres

Administrative Staff

Laraine Bouck

Joyce Murray

Judi Douglass

Veronica Reyes

Mary Lou Howard

Weights and Measures Inspectors

Dennis Gibson

Jerry Johnson

Diane Green

Rod Ross

Agricultural Biologists

Kristen Burke Steve Loyal

Gary Burns

Ken Masuda

Mike Champion

Sally Pierce

Kevin Cheesman

Mary Ann Rajala

Debbie Cummins

Bill Robb

Sam Gottlieb Mike Roberts

Harriet Heath Jeff Saleen

Glenn Janssen Suzanne Squires

David Leung