

COLUSA COUNTY
DEPARTMENT OF AGRICULTURE
2010
CROP REPORT



JOSEPH J. DAMIANO
AGRICULTURAL COMMISSIONER

COLUSA COUNTY
DEPARTMENT OF AGRICULTURE
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TO: Karen Ross, Secretary
California Department of Food and Agriculture
And the Honorable Board of Supervisors, Colusa County

In accordance with the provisions of Section 2279 and 2272 of the California Food and Agricultural Code, I am pleased to submit the 2010 Colusa County Crop Report.

The gross value of Colusa County's agricultural production for the year of 2010 was \$640,802,000. This represents an increase of over 6% in comparison to the year of 2009 when the gross value of agricultural production was \$598,805,000. 2010 is the second highest year on record.

The county's largest crop, rice, was valued at \$270,362,000 for 2010. The 2009 value for rice was \$243,459,000. This increase in value was due to an increase in unit price from \$355 in 2009 to \$418 per ton in 2010. Almonds, second in county ranking, also had a slight increase with a 2010 value of \$144,154,000, as compared to 128,699,000 in 2009. This was the result of an increase in almond meat pricing. Processing tomatoes remained third in ranking but with a large decrease in value due to a decrease in planted acres as well as unit pricing. Processing tomatoes were valued at \$35,380,000 in 2010 as compared to \$72,694,000 in 2009. Walnuts continue to increase in value as planted acreage, yield and price continue to increase. Seed crop production continues to increase for the third year in a row. The total value of the seed crop in 2010 was \$71,854,000 as compared to a total value of \$53,169,000 in 2009. The value of livestock production increased 56% to a total value of \$12,591,000 in 2010 as compared to \$7,916,000 in 2009.

The value and diversity of crops grown in Colusa County continues to grow. Colusa County growers export over 30 varieties of vegetable and flower seeds as well as rice, wild rice, plums, prunes and beans to over 70 countries around the world.

I must stress that the crop report figures show gross values only, and do not reflect a net return to the producer.

I wish to express my sincere appreciation to everyone who contributed to this report. I also express appreciation to all of my staff, especially Jon Richter, Assistant Agricultural Commissioner and Lee Ann Price, Account Clerk, who compiled this report. I would also like to recognize Harry Krug for his 22 years of service to Colusa County as Agricultural Commissioner. Harry retired in December of 2010.

Respectfully submitted,

Joseph J. Damiano
Agricultural Commissioner

VEGETABLE CROPS ACREAGE, PRODUCTION AND VALUE 2010 - 2009

| CROPS | ACREAGE | | PRODUCTION | | | VALUE | |
|----------------------------|---------|-----------|------------|---------|-------|----------|--------------|
| | YEAR | HARVESTED | PER ACRE | TOTAL | UNIT | PER UNIT | TOTAL |
| TOMATOES-PROCESSING | 2010 | 11,840 | 44.8 | 530,432 | Ton | \$66.70 | \$35,380,000 |
| | 2009 | 18,440 | 48.4 | 892,496 | Ton | \$81.45 | 72,694,000 |
| MISCELLANEOUS ¹ | 2010 | 205 | ----- | ----- | ----- | ----- | 16,102,000 |
| | 2009 | 185 | ----- | ----- | ----- | ----- | 12,170,000 |
| TOTAL | 2010 | 12,045 | | | | | \$51,482,000 |
| | 2009 | 18,625 | | | | | 84,864,000 |

¹ Includes beans, bell pepper, bokchoy, cucumbers, eggplant, kohlrabi, lettuce, melons, mushrooms, okra, peas, pumpkins, radish, squash, sweet corn, swiss chard, tomatoes, turnips and watermelon.



FRUIT AND NUT CROPS ACREAGE, PRODUCTION AND VALUE 2010 - 2009

| CROP | ACREAGE | | PRODUCTION | | | VALUE | |
|----------------------------|---------|-----------|------------|--------|-------|------------|---------------|
| | YEAR | HARVESTED | PER ACRE | TOTAL | UNIT | PER UNIT | TOTAL |
| ALMONDS - MEATS | 2010 | 40,860 | 0.98 | 40,043 | Ton | \$3,600.00 | \$144,154,000 |
| | 2009 | 36,050 | 1.05 | 37,853 | Ton | 3,400.00 | 128,699,000 |
| ALMONDS - HULLS | 2010 | ----- | ----- | 50,050 | Ton | 86.00 | 4,304,000 |
| | 2009 | ----- | ----- | 47,400 | Ton | 80.00 | 3,792,000 |
| PRUNES | 2010 | 1,180 | 1.90 | 2,242 | Ton | 1,450.00 | 3,251,000 |
| | 2009 | 1,150 | 1.70 | 1,955 | Ton | 1,355.00 | 2,649,000 |
| WALNUTS - ENGLISH | 2010 | 6,650 | 1.80 | 11,970 | Ton | 1,800.00 | 21,546,000 |
| | 2009 | 6,400 | 1.60 | 10,240 | Ton | 1,460.00 | 14,950,000 |
| MISCELLANEOUS ¹ | 2010 | 3,660 | ----- | ----- | ----- | ----- | 14,608,000 |
| | 2009 | 4,080 | ----- | ----- | ----- | ----- | 18,547,000 |
| TOTAL | 2010 | 52,350 | | | | | \$187,863,000 |
| | 2009 | 47,680 | | | | | 168,637,000 |

¹ Includes organic almonds, apples, apricots, asian pears, black walnuts, wine grapes, olives, mandarins, nectarines, peaches, pecans, persimmons, pistachios, pluots, plums, pomegranates and strawberries.



FIELD CROPS

ACREAGE, PRODUCTION AND VALUE 2010 - 2009

| | YEAR | ACREAGE | | PRODUCTION | | VALUE | |
|--------------------------|-------------------|-----------|----------|------------|------|----------|---------------|
| | | HARVESTED | PER ACRE | TOTAL | UNIT | PER UNIT | TOTAL |
| BEANS - DRY | 2010 | 4,040 | 1.35 | 5,454 | Ton | \$780.00 | \$4,254,000 |
| | 2009 | 4,620 | 1.05 | 4,851 | Ton | 840.00 | 4,075,000 |
| CORN - GRAIN | 2010 | 4,310 | 6.30 | 27,153 | Ton | 160.00 | 4,344,000 |
| | 2009 | 650 | 5.80 | 3,770 | Ton | 205.00 | 773,000 |
| HAY - ALFALFA | 2010 | 11,900 | 7.10 | 84,490 | Ton | 115.00 | 9,716,000 |
| | 2009 | 11,400 | 7.50 | 85,500 | Ton | 98.00 | 8,379,000 |
| HAY - ALFALFA CUBE | 2010 | 750 | 7.30 | 5,475 | Ton | 130.00 | 712,000 |
| | 2009 | 900 | 7.60 | 6,840 | Ton | 98.00 | 670,000 |
| HAY - GRAIN ¹ | 2010 | 2,900 | 1.30 | 3,770 | Ton | 60.00 | 226,000 |
| | 2009 | 2,200 | 1.10 | 2,420 | Ton | 50.00 | 121,000 |
| PASTURE - IRRIGATED | 2010 | 920 | ----- | ----- | Acre | 150.00 | 138,000 |
| | 2009 | 900 | ----- | ----- | Acre | 150.00 | 135,000 |
| PASTURE - DRYLAND | 2010 | 180,000 | ----- | ----- | Acre | 10.00 | 1,800,000 |
| | 2009 | 180,000 | ----- | ----- | Acre | 10.00 | 1,800,000 |
| RICE ² | 2010 | 154,000 | 4.20 | 646,800 | Ton | 418.00 | 270,362,000 |
| | 2009 | 152,400 | 4.50 | 685,800 | Ton | 355.00 | 243,459,000 |
| SAFFLOWER | 2010 | 2,050 | 1.00 | 2,050 | Ton | 340.00 | 697,000 |
| | 2009 | 3,630 | 1.10 | 3,993 | Ton | 300.00 | 1,198,000 |
| WHEAT | 2010 | 18,600 | 2.75 | 51,150 | Ton | 188.00 | 9,616,000 |
| | 2009 | 20,450 | 2.65 | 54,193 | Ton | 182.00 | 9,863,000 |
| MISCELLANEOUS | 2010 ⁴ | ----- | ----- | ----- | --- | ----- | 6,465,000 |
| | 2009 ³ | ----- | ----- | ----- | --- | ----- | 5,838,000 |
| TOTAL | 2010 | 379,470 | | | | | \$308,330,000 |
| | 2009 | 377,150 | | | | | 276,311,000 |

¹ Includes wheat, barley, oat, sudangrass and volunteer grain hay.

² Includes all Farm Service Agency payments to growers.

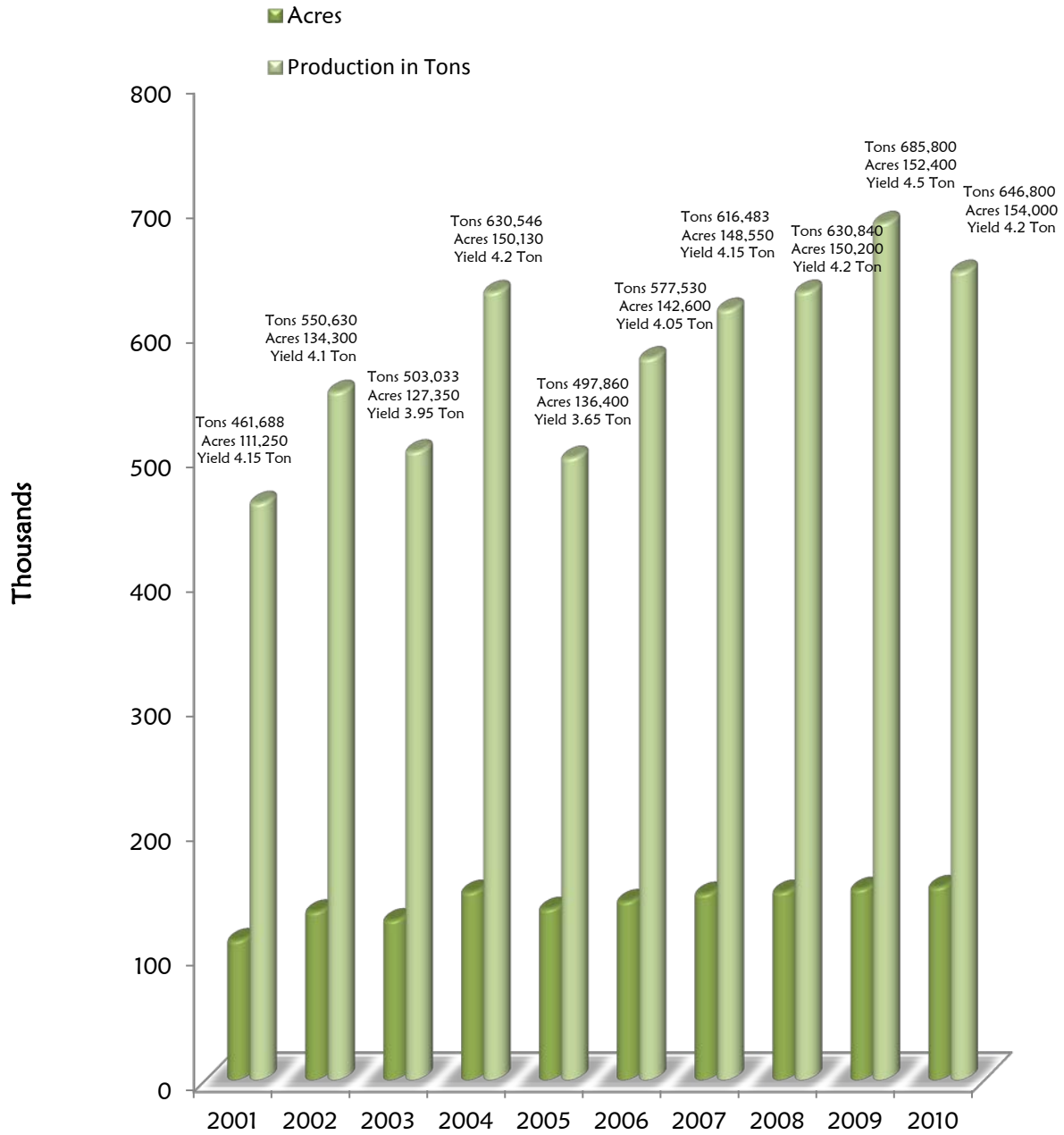
³ Includes alfalfa stubble, barley, beans, rice, wheat straw, cotton seed and lint, oats, organic beans, organic rice and triticale.

⁴ Includes alfalfa stubble, rice & wheat straw, organic beans, organic rice, sorghum grain, triticale and wild rice.



RICE 2001-2010

Total Acres/Total Production





SEED CROPS ACREAGE, PRODUCTION AND VALUE 2010 - 2009

| CROP | YEAR | ACREAGE | | PRODUCTION | | VALUE | |
|-------------------|-------------------|-----------|----------|------------|-------|----------|--------------|
| | | HARVESTED | PER ACRE | TOTAL | UNIT | PER UNIT | TOTAL |
| BEANS | 2010 | 160 | 2,000 | 320,000 | Lb. | \$0.50 | \$160,000 |
| | 2009 | 440 | 2,100 | 924,000 | Lb. | 0.52 | 480,000 |
| RICE ¹ | 2010 | 10,620 | 8,300 | 88,146,000 | Lb. | 0.28 | 24,681,000 |
| | 2009 | 10,700 | 8,800 | 94,160,000 | Lb. | 0.26 | 24,482,000 |
| SUNFLOWERS | 2010 | 2,220 | 1,170 | 2,597,400 | Lb. | 1.10 | 2,857,000 |
| | 2009 | 3,850 | 1,400 | 5,390,000 | Lb. | 0.97 | 5,228,000 |
| WHEAT | 2010 | 260 | 5,200 | 1,352,000 | Lb. | 0.14 | 189,000 |
| | 2009 | 360 | 5,000 | 1,800,000 | Lb. | 0.10 | 180,000 |
| MISCELLANEOUS | 2010 ² | 115 | ----- | ----- | ----- | ----- | 428,000 |
| | 2009 ³ | 140 | ----- | ----- | ----- | ----- | 226,000 |
| TOTAL | 2010 | 13,375 | | | | | \$28,315,000 |
| | 2009 | 15,490 | | | | | 30,596,000 |

¹ Includes all Farm Service Agency payments to growers.

² Asparagus, safflower, sunflower.

³ Asparagus, corn, safflower, watermelon.



NON-CERTIFIED SEED CROPS

| CROP | YEAR | ACREAGE | | PRODUCTION | | VALUE | |
|---------------|-------------------|-----------|----------|------------|-------|----------|--------------|
| | | HARVESTED | PER ACRE | TOTAL | UNIT | PER UNIT | TOTAL |
| CUCUMBERS | 2010 | 4,110 | 230 | 945,300 | Lb. | \$14.50 | \$13,707,000 |
| | 2009 | 3,180 | 125 | 397,500 | Lb. | 14.90 | 5,923,000 |
| MELONS | 2010 | 670 | 484 | 324,280 | Lb. | 3.60 | 1,167,000 |
| | 2009 | 300 | 495 | 148,500 | Lb. | 3.85 | 572,000 |
| ONIONS | 2010 | 950 | 165 | 156,750 | Lb. | 41.50 | 6,505,000 |
| | 2009 | 380 | 650 | 247,000 | Lb. | 23.30 | 5,755,000 |
| CARROTS | 2010 | 310 | 640 | 198,400 | Lb. | 11.50 | 2,282,000 |
| | 2009 | 320 | 420 | 134,400 | Lb. | 13.85 | 1,861,000 |
| PUMPKINS | 2010 | 150 | 280 | 42,000 | Lb. | 8.40 | 353,000 |
| | 2009 | 130 | 670 | 87,100 | Lb. | 4.90 | 427,000 |
| SQUASH | 2010 | 1,540 | 720 | 1,108,800 | Lb. | 3.95 | 4,380,000 |
| | 2009 | 850 | 390 | 331,500 | Lb. | 7.65 | 2,536,000 |
| WATERMELONS | 2010 | 3,950 | 182 | 718,900 | Lb. | 16.25 | 11,682,000 |
| | 2009 | 1,800 | 268 | 482,400 | Lb. | 6.60 | 3,184,000 |
| MISCELLANEOUS | 2010 ⁴ | 2,515 | ----- | ----- | ----- | ----- | 3,463,000 |
| | 2009 ⁵ | 1,040 | ----- | ----- | ----- | ----- | 2,315,000 |
| TOTAL | 2010 | 14,195 | | | | | \$43,539,000 |
| | 2009 | 8,000 | | | | | 22,573,000 |

⁴ Beans, beets, broccoli, cabbage, canola, cauliflower, chard, collards, flowers, gourds, herbs, kale, leek, mustard, oats, okra, parsley, peas, radish, sudangrass, spices, sunflowers, tomato, turnips.

⁵ Beets, broccoli, brussels sprouts, burdock, cabbage, canola, cauliflower, celery, chard, collards, eggplant, flowers and spices, gourds, herbs, kale, leeks, mustard, oats, okra, parsley, peas, sorghum, sudangrass sunflowers, tomato, turnips, zinnia.



LIVESTOCK PRODUCTION AND VALUE 2010 - 2009

| ITEMS | YEAR | NUMBER OF HEAD | LIVE WEIGHT | UNIT | VALUE | |
|----------------------------|------|-------------------|----------------|------|----------|--------------|
| | | | | | PER UNIT | TOTAL |
| CATTLE AND CALVES | 2010 | 20,400 | 112,200 | Cwt. | \$98.70 | \$11,074,000 |
| | 2009 | 19,300 | 71,410 | Cwt. | 94.10 | 6,720,000 |
| SHEEP AND LAMBS | 2010 | 2,000 | 2,200 | Cwt. | 120.00 | 264,000 |
| | 2009 | 2,100 | 2,310 | Cwt. | 88.40 | 204,000 |
| MISCELLANEOUS ¹ | 2010 | ----- | ----- | ---- | ----- | 1,253,000 |
| | 2009 | ----- | ----- | ---- | ----- | 992,000 |
| TOTAL | 2010 | | | | | \$12,591,000 |
| | 2009 | | | | | 7,916,000 |

¹ Includes chickens, chukars, goats, hogs, pheasants and quail.



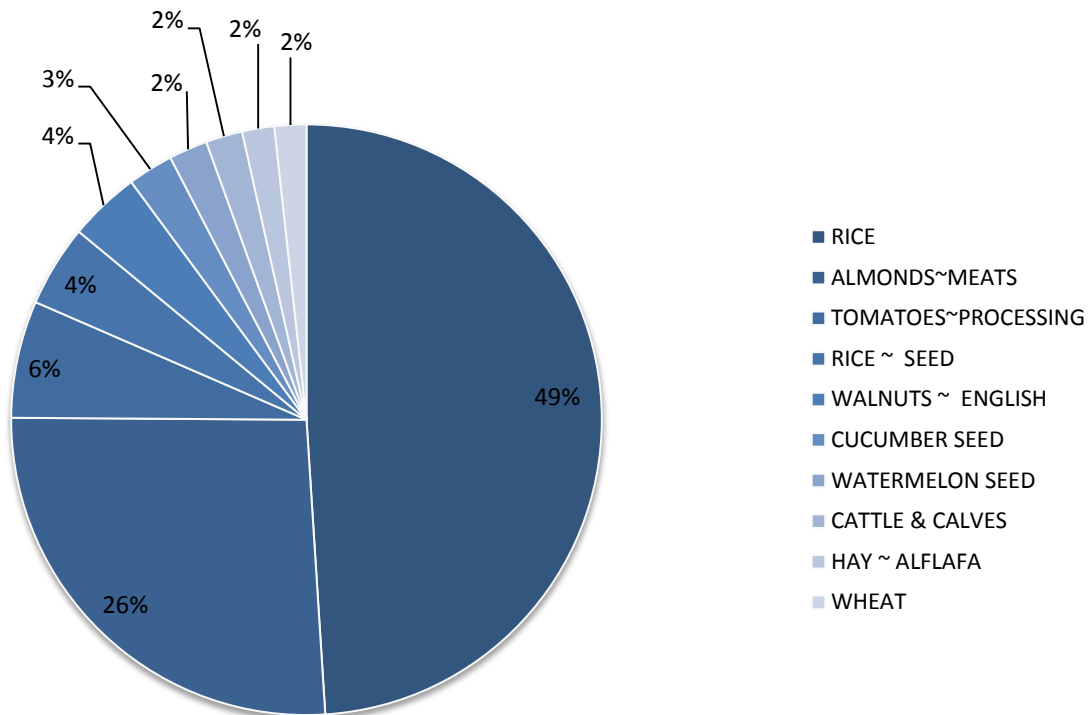
LIVESTOCK PRODUCTS 2010 - 2009

| ITEMS | YEAR | PRODUCTION | UNIT | VALUE | |
|----------------------------|------|------------|-------|----------|----------|
| | | | | PER UNIT | TOTAL |
| MISCELLANEOUS ¹ | 2010 | ----- | ----- | ----- | \$24,000 |
| | 2009 | ----- | ----- | ----- | 19,000 |
| TOTAL | 2010 | | | | \$24,000 |
| | 2009 | | | | 19,000 |

¹ Includes wool.

TEN LEADING FARM COMMODITIES 2010 - 2009

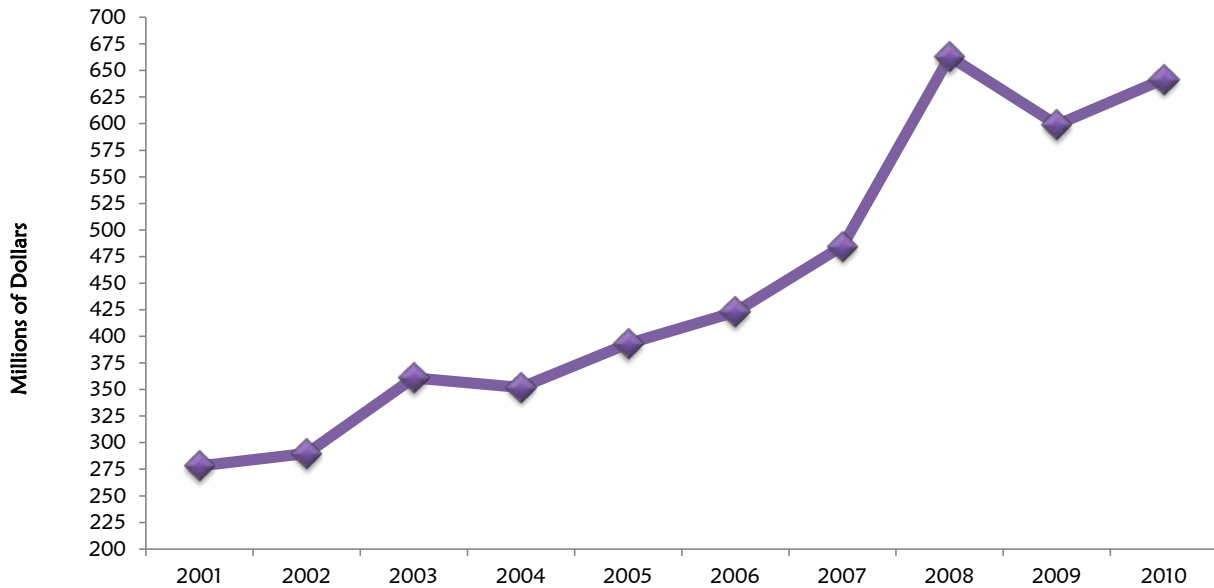
| <u>CROP</u> | <u>AMOUNT</u> | <u>2010</u> | <u>2009</u> |
|-----------------------|---------------|-------------|-------------|
| RICE | \$270,362,000 | 1 | 1 |
| ALMONDS ~ MEATS | \$144,154,000 | 2 | 2 |
| TOMATOES ~ PROCESSING | \$35,380,000 | 3 | 3 |
| RICE ~ SEED | \$24,681,000 | 4 | 4 |
| WALNUTS ~ ENGLISH | \$21,546,000 | 5 | 5 |
| CUCUMBER SEED | \$13,707,000 | 6 | 10 |
| WATERMELON SEED | \$11,682,000 | 7 | 14 |
| CATTLE & CALVES | \$11,074,000 | 8 | 9 |
| HAY ~ ALFLAFA | \$9,716,000 | 9 | 7 |
| WHEAT | \$9,616,000 | 10 | 6 |



TEN YEAR COMPARISON 2010 - 2001

| | | |
|------|-------------|-------------|
| 2010 | GRAND TOTAL | 640,802,000 |
| 2009 | GRAND TOTAL | 598,805,000 |
| 2008 | GRAND TOTAL | 662,644,000 |
| 2007 | GRAND TOTAL | 484,525,000 |
| 2006 | GRAND TOTAL | 422,729,000 |
| 2005 | GRAND TOTAL | 392,677,000 |
| 2004 | GRAND TOTAL | 351,604,000 |
| 2003 | GRAND TOTAL | 361,573,000 |
| 2002 | GRAND TOTAL | 290,264,000 |
| 2001 | GRAND TOTAL | 277,826,000 |

TEN YEAR COMPARISON





Colusa County Commodities and Their Destinations

Colusa County exports these vegetable and flower seeds overseas:

| | | |
|-------------|-----------|------------|
| Arugula | Coriander | Parsley |
| Asparagus | Corn | Peas |
| Basil | Cucumber | Pepper |
| Bean | Dill | Pumpkin |
| Broccoli | Eggplant | Radish |
| Cabbage | Gourd | Squash |
| Calendula | Kale | Sunflower |
| Cantaloupe | Lettuce | Thyme |
| Carrot | Melon | Tomato |
| Cauliflower | Mustard | Turnip |
| Chicory | Onion | Watermelon |

Food crops that are exported overseas include:



Almonds Plums Rice

Beans Prunes Wild Rice



Importing countries that purchase commodities produced in Colusa County:

| | | |
|--------------------|------------------------|----------------------------|
| Argentina | Indonesia | Papua New Guinea |
| Australia | Israel | People's Republic of China |
| Austria | Italy | Peru |
| Bahrain | Jamaica | Philippines |
| Belgium | Japan | Poland |
| Belize | Jordan | Portugal |
| Brazil | Kenya | Republic of Korea |
| Canada | Kuwait | Russian Federation |
| Canary Islands | Lebanon | Saipan |
| Chile | Lithuania | Saudi Arabia |
| China | Liby | Singapore |
| Colombia | Malaysia | Slovakia |
| Cyprus | Martinique | South Africa |
| Denmark | Mexico | Spain |
| Dominican Republic | Micronesia | Sweden |
| Ecuador | Morocco | Switzerland |
| El Salvador | Netherlands | Syria |
| Egypt | New Caledonia | Taiwan |
| Finland | New Zealand | Tahiti |
| France | Nicaragua | Thailand |
| Germany | Nigeria | Trinidad & Tobago |
| Ghana | Pakistan | Turkey |
| Greece | Palau | United Arab Emirates |
| Guam | Palstinian Territories | United Kingdom |
| India | Panama | Venezuela |
| | | Vanuatu |

