

COLUSA COUNTY  
DEPARTMENT OF AGRICULTURE  
2013  
CROP REPORT



JOSEPH J. DAMIANO  
AGRICULTURAL COMMISSIONER

## “Colusa County Grown and Proud of it”

Colusa County knows where their food comes from and wants everyone to know too! Featured on the front of this report is a photo of our exhibit “Colusa County Grown and Proud of it”, at the California State Fair. The exhibit displayed crops that are all produced in Colusa County including rice, nuts, fruits, vegetables, legumes, vegetable seeds, honey, wine and olive oil. Colusa County received a Gold ribbon for this display.

COLUSA COUNTY  
DEPARTMENT OF AGRICULTURE  
**JOSEPH J. DAMIANO**  
AGRICULTURAL COMMISSIONER/SEALER OF WEIGHTS AND MEASURES  
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COLUSA, CA 95932  
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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 2013 Colusa County Crop Report. This annual report presents statistical information on acreage, yield, and value of Colusa County's agricultural products.

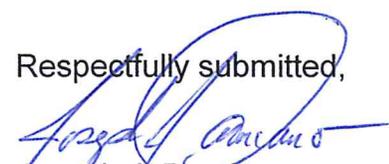
Agriculture continues to be Colusa County's major producing industry. The 2013 gross production for agriculture was \$920,110,930. This represents an increase of \$208,342,830 or approximately 29% when compared to the 2012 value of \$711,768,100. The yield, and/or price increase in rice, almonds, and walnuts contributed to the majority of the overall increase in the gross value for the County. The 2013 crop is the highest value on record for Colusa County.

Rice, almonds, walnuts, tomatoes, and rice seed continue to be the top five commodities produced in Colusa County in terms of gross value. Walnuts is now in the number three position having traded places with tomatoes which is now the number four commodity in terms of gross value. Almonds, with a gross value of \$285,038,000, are within less than two tenths of one percent of equaling the value of rice which is \$285,461,000 for the year 2013. It is likely that this will be the last year that rice holds the number one position as new plantings of almonds continue to come into production, and both price and demand for almonds remain strong.

I must emphasize 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 the processors, producers, and other agencies who contribute the information that makes this report possible. I also express appreciation to all of my staff, especially Mary Anne Azevedo, Assistant Agricultural Commissioner and Lee Ann Price, Administrative Secretary, who compiled and improved this report.

Respectfully submitted,



Joseph J. Damiano  
Agricultural Commissioner



# COLUSA COUNTY DEPARTMENT OF AGRICULTURE ANNUAL CROP REPORT 2013

## 2013 COUNTY BOARD OF SUPERVISORS

Denise J. Carter, District 5, Chairperson

Kim Dolbow Vann, District 1  
Thomas A. Indrieri, District 2

Mark D. Marshall, District 3  
Gary Evans, District 4

### OFFICE PERSONNEL

Joseph Damiano  
Mary Anne Azevedo  
R. Scott Kittle  
Jack de Wit  
Thomas Moss  
Benjamin Reische  
Kristen Buist  
Curtis Gardner  
Renee McCormick  
Lee Ann Price  
Dawn Brown  
Samantha Doane

Agricultural Commissioner  
Assistant Agricultural Commissioner  
Agricultural Biologist and Standards Officer III  
Agricultural Biologist and Standards Officer III  
Agricultural Biologist and Standards Officer III  
Agricultural Biologist and Standards Officer I  
Agricultural Biologist and Standards Officer I  
Agricultural Aide  
Fiscal Administrative Officer  
Administrative Secretary I  
Account Clerk III  
Office Assistant

### APIARY

#### PRODUCTION AND VALUE 2013 - 2012

|                           | YEAR | PRODUCTION | UNIT   | VALUE    |                     |
|---------------------------|------|------------|--------|----------|---------------------|
|                           |      |            |        | PER UNIT | TOTAL               |
| HONEY <sup>1</sup>        | 2013 | 15,200     | Lb.    | \$2.00   | \$30,000            |
|                           | 2012 | 32,000     | Lb.    | 1.85     | 59,000              |
| PACKAGE BEES <sup>2</sup> | 2013 | 3,800      | Lb.    | 62.00    | 236,000             |
|                           | 2012 | 6,000      | Lb.    | 44.00    | 264,000             |
| QUEENS                    | 2013 | 33,000     | Each   | 19.55    | 645,000             |
|                           | 2012 | 33,700     | Each   | 19.50    | 657,000             |
| POLLINATION <sup>4</sup>  | 2013 | 0          | Colony | 0.00     | 0                   |
|                           | 2012 | 87,600     | Colony | 138.00   | 12,089,000          |
| ALMONDS <sup>3</sup>      | 2013 | 74,802     | Colony | 156.00   | 11,669,000          |
|                           | 2012 | 0          | Colony | 0.00     | 0                   |
| OTHER <sup>5</sup>        | 2013 | 19,700     | Colony | 34.00    | 670,000             |
|                           | 2012 | 0          | Colony | 0.00     | 0                   |
| <b>TOTAL</b>              | 2013 |            |        |          | <b>\$13,250,000</b> |
|                           | 2012 |            |        |          | <b>13,069,000</b>   |

- 1 Honey produced by 7,000 colonies in 2013 and 14,500 colonies in 2012, owned by resident beekeepers.
- 2 Includes bulk bees and nuclei.
- 3 Pollination colonies include almond to pollinate crops grown in Colusa County.
- 4 Pollination colonies include almond, prune, sunflower, vine seed and onion to pollinate crops grown in Colusa County.
- 5 Pollination colonies include prune, sunflower, vine seed and onion to pollinate crops grown in Colusa County.



## VEGETABLE CROPS ACREAGE, PRODUCTION AND VALUE 2013 - 2012

| CROPS                      | YEAR | ACREAGE   |   | PRODUCTION |         |       | VALUE    |              |
|----------------------------|------|-----------|---|------------|---------|-------|----------|--------------|
|                            |      | HARVESTED |   | PER ACRE   | TOTAL   | UNIT  | PER UNIT | TOTAL        |
| TOMATOES-PROCESSING        | 2013 | 13,866    | # | 52.0       | 721,032 | Ton   | \$69.50  | \$50,112,000 |
|                            | 2012 | 13,468    | # | 44.0       | 592,592 | Ton   | 70.00    | 41,481,000   |
| MISCELLANEOUS <sup>1</sup> | 2013 | 201       | # | -----      | -----   | ----- | -----    | 16,766,000   |
|                            | 2012 | 190       | # | -----      | -----   | ----- | -----    | 14,402,000   |
| TOTAL                      | 2013 | 14,067    | # |            |         |       |          | \$66,878,000 |
|                            | 2012 | 13,658    | # |            |         |       |          | 55,883,000   |

<sup>1</sup> Includes beans, cucumbers, eggplant, melons, mushrooms, okra, onions, peas, peppers, pumpkins, radish, squash, sweet corn, tomatoes, turnips and watermelon.



## FRUIT AND NUT CROPS ACREAGE, PRODUCTION AND VALUE 2013 - 2012

| CROP                       | YEAR | ACREAGE   |   | PRODUCTION |        |       | VALUE      |               |
|----------------------------|------|-----------|---|------------|--------|-------|------------|---------------|
|                            |      | HARVESTED |   | PER ACRE   | TOTAL  | UNIT  | PER UNIT   | TOTAL         |
| ALMONDS - MEATS            | 2013 | 46,302    | # | 1.11       | 51,395 | Ton   | \$5,546.00 | \$285,038,000 |
|                            | 2012 | 45,335    | # | 0.93       | 42,162 | Ton   | 4,175.00   | 176,024,000   |
| ALMONDS - HULLS            | 2013 | -----     |   | -----      | 68,569 | Ton   | 100.00     | 6,857,000     |
|                            | 2012 | -----     |   | -----      | 59,501 | Ton   | 100.00     | 5,950,000     |
| GRAPES, WINE               | 2013 | 2,461     | # | 8.30       | 20,426 | Ton   | 638.00     | 13,032,000    |
|                            | 2012 | 2,449     | # | 10.30      | 25,225 | Ton   | 594.00     | 14,983,000    |
| PRUNES                     | 2013 | 838       | # | 1.55       | 1,299  | Ton   | 1,295.00   | 1,682,000     |
|                            | 2012 | 913       | # | 2.05       | 1,872  | Ton   | 1,400.00   | 2,620,000     |
| BEARING WALNUTS - ENGLISH  | 2013 | 14,585    | # | 1.87       | 27,274 | Ton   | 3,442.00   | 93,877,000    |
|                            | 2012 | 8,040     | # | 1.60       | 12,864 | Ton   | 2,870.00   | 36,920,000    |
| MISCELLANEOUS <sup>1</sup> | 2013 | 2,554     | # | -----      | -----  | ----- | -----      | 16,579,000    |
|                            | 2012 | 2,257     | # | -----      | -----  | ----- | -----      | 13,522,000    |
| TOTAL                      | 2013 | 66,740    | # |            |        |       |            | \$417,065,000 |
|                            | 2012 | 58,994    | # |            |        |       |            | 250,019,000   |

<sup>1</sup> Includes organic almonds, apples, apricots, Asian pears, black walnuts, cherries, figs, mandarins, melons, olives, nectarines, peaches, pears, pecans, persimmons, pistachios, pluots, plums, pomegranates, strawberries, organic walnuts, watermelons & nursery production.



## FIELD CROPS ACREAGE, PRODUCTION AND VALUE 2013 - 2012

|                          | YEAR              | ACREAGE<br>HARVESTED | PRODUCTION |         | UNIT | VALUE      |               |
|--------------------------|-------------------|----------------------|------------|---------|------|------------|---------------|
|                          |                   |                      | PER ACRE   | TOTAL   |      | PER UNIT   | TOTAL         |
| BEANS - DRY              | 2013              | 4,199                | 0.83       | 3,485   | Ton  | \$1,060.00 | \$3,694,000   |
|                          | 2012              | 5,290                | 0.88       | 4,629   | Ton  | 990.00     | 4,583,000     |
| CORN - GRAIN             | 2013              | 7,502                | 6.44       | 48,313  | Ton  | 199.00     | 9,614,000     |
|                          | 2012              | 5,660                | 4.88       | 27,621  | Ton  | 331.00     | 9,143,000     |
| HAY - ALFALFA            | 2013              | 11,502               | 7.14       | 82,124  | Ton  | 196.00     | 16,096,000    |
|                          | 2012              | 11,770               | 5.60       | 65,912  | Ton  | 235.00     | 15,489,000    |
| HAY - GRAIN <sup>1</sup> | 2013              | 3,058                | 2.86       | 8,746   | Ton  | 154.40     | 1,350,000     |
|                          | 2012              | 2,092                | 3.40       | 7,113   | Ton  | 148.00     | 1,053,000     |
| PASTURE - IRRIGATED      | 2013              | 1,100                | -----      | -----   | Acre | 84.00      | 92,400        |
|                          | 2012              | 1,100                | -----      | -----   | Acre | 125.00     | 137,500       |
| PASTURE - DRYLAND        | 2013              | 180,000              | -----      | -----   | Acre | 15.00      | 2,700,000     |
|                          | 2012              | 180,000              | -----      | -----   | Acre | 15.00      | 2,700,000     |
| RICE <sup>2</sup>        | 2013              | 148,515              | 4.47       | 663,862 | Ton  | 430.00     | 285,461,000   |
|                          | 2012              | 149,860              | 4.35       | 651,891 | Ton  | 376.00     | 245,111,000   |
| SAFFLOWER                | 2013              | 1,649                | 0.67       | 1,105   | Ton  | 517.50     | 572,000       |
|                          | 2012              | 1,610                | 0.80       | 1,288   | Ton  | 552.00     | 711,000       |
| WHEAT                    | 2013              | 20,633               | 2.94       | 60,661  | Ton  | 214.50     | 13,012,000    |
|                          | 2012              | 16,120               | 2.40       | 38,688  | Ton  | 233.00     | 9,014,000     |
| MISCELLANEOUS            | 2013 <sup>3</sup> | -----                | -----      | -----   | ---  | -----      | 15,761,000    |
|                          | 2012 <sup>4</sup> | -----                | -----      | -----   | ---  | -----      | 9,292,000     |
| TOTAL                    | 2013              | 378,158              |            |         |      |            | \$348,352,400 |
|                          | 2012              | 373,502              |            |         |      |            | 297,233,500   |

<sup>1</sup> Includes wheat, oat, organic hay, rye grass, sudangrass and volunteer grain hay.

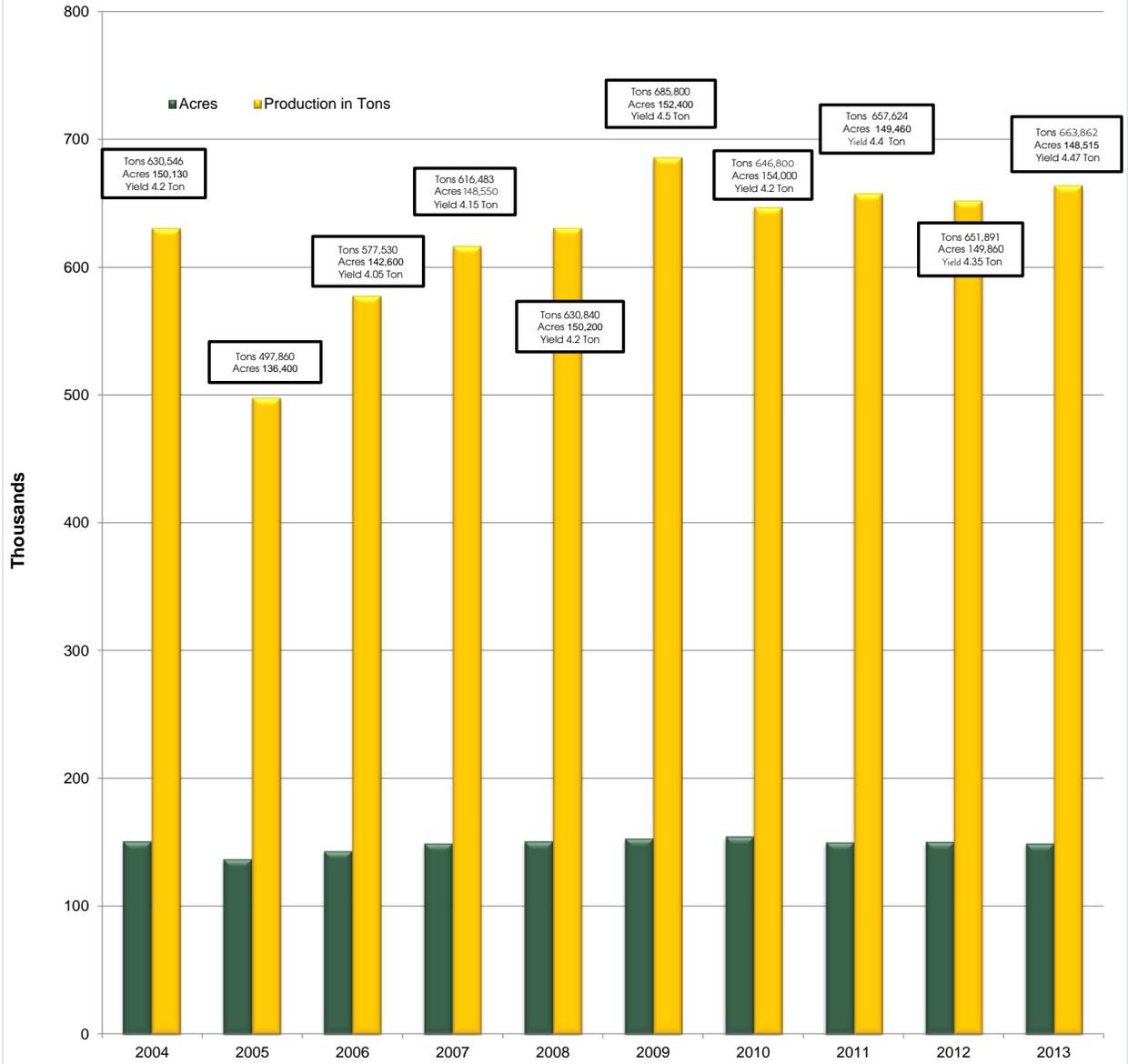
<sup>2</sup> Includes all Farm Service Agency payments to growers.

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

<sup>4</sup> Includes alfalfa stubble, barley, cotton, organic millet, triticale, rice & wheat straw, organic beans, organic rice and sorghum grain.



## RICE 2004-2013 Total Acres/Total Production



## CERTIFIED SEED CROPS ACREAGE, PRODUCTION AND VALUE 2013 - 2012

| CROP          | YEAR              | ACREAGE   |          | PRODUCTION |       | VALUE    |              |
|---------------|-------------------|-----------|----------|------------|-------|----------|--------------|
|               |                   | HARVESTED | PER ACRE | TOTAL      | UNIT  | PER UNIT | TOTAL        |
| BEANS         | 2013              | 378       | 1,836    | 694,008    | Lb.   | \$0.64   | \$444,000    |
|               | 2012              | 542       | 2,220    | 1,203,240  | Lb.   | 0.48     | 578,000      |
| RICE          | 2013              | 9,148     | 8,849    | 80,950,652 | Lb.   | 0.27     | 21,857,000   |
|               | 2012 <sup>1</sup> | 9,711     | 8,080    | 78,464,880 | Lb.   | 0.35     | 27,463,000   |
| SUNFLOWER     | 2013              | 8,626     | 900      | 7,763,400  | Lb.   | 1.70     | 13,198,000   |
|               | 2012              | 6,560     | 1,140    | 7,478,400  | Lb.   | 1.53     | 11,442,000   |
| WHEAT         | 2013              | 206       | 5,965    | 1,228,790  | Lb.   | 0.12     | 147,000      |
|               | 2012              | 153       | 4,850    | 742,050    | Lb.   | 0.12     | 89,000       |
| MISCELLANEOUS | 2013 <sup>3</sup> | 39        | -----    | -----      | ----- | -----    | 916,000      |
|               | 2012 <sup>2</sup> | 602       | -----    | -----      | ----- | -----    | 1,496,000    |
| TOTAL         | 2013              | 18,397    |          |            |       |          | \$36,562,000 |
|               | 2012              | 17,568    |          |            |       |          | 41,068,000   |

<sup>1</sup> Includes all Farm Service Agency payments to growers.

<sup>2</sup> Asparagus and safflower.

<sup>3</sup> Alfalfa & asparagus.

## NON-CERTIFIED SEED CROPS

| CROP          | YEAR              | ACREAGE   |          | PRODUCTION |       | VALUE    |              |
|---------------|-------------------|-----------|----------|------------|-------|----------|--------------|
|               |                   | HARVESTED | PER ACRE | TOTAL      | UNIT  | PER UNIT | TOTAL        |
| CUCUMBER      | 2013              | 976       | 548      | 534,848    | Lb.   | \$3.68 * | \$1,968,000  |
|               | 2012              | 1,557     | 349      | 543,393    | Lb.   | 15.80    | 8,586,000    |
| MELON         | 2013              | 115       | 484      | 55,660     | Lb.   | 3.74 *   | 208,000      |
|               | 2012              | 261       | 462      | 120,582    | Lb.   | 4.12     | 497,000      |
| ONION         | 2013              | 849       | 190      | 161,310    | Lb.   | 57.00    | 9,195,000    |
|               | 2012              | 741       | 201      | 148,941    | Lb.   | 52.15    | 7,767,000    |
| CARROT        | 2013              | 184       | 800      | 147,200    | Lb.   | 4.00     | 589,000      |
|               | 2012              | 269       | 577      | 155,213    | Lb.   | 4.00     | 621,000      |
| PUMPKIN       | 2013              | 127       | 800      | 101,600    | Lb.   | 3.04 *   | 309,000      |
|               | 2012              | 2,217     | 351      | 778,167    | Lb.   | 7.42     | 5,774,000    |
| SQUASH        | 2013              | 540       | 458      | 247,320    | Lb.   | 3.20 *   | 791,000      |
|               | 2012              | 1,436     | 455      | 653,380    | Lb.   | 5.90     | 3,855,000    |
| WATERMELON    | 2013              | 782       | 357      | 279,174    | Lb.   | 6.40 *   | 1,787,000    |
|               | 2012              | 3,381     | 317      | 1,071,777  | Lb.   | 8.35     | 8,949,000    |
| MISCELLANEOUS | 2013 <sup>5</sup> | 1,969     | -----    | -----      | ----- | -----    | 3,393,000    |
|               | 2012 <sup>4</sup> | 1,876     | -----    | -----      | ----- | -----    | 2,575,000    |
| TOTAL         | 2013              | 5,542     |          |            |       |          | \$18,240,000 |
|               | 2012              | 11,738    |          |            |       |          | 38,624,000   |

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

<sup>5</sup> Beans, beets, broccoli, cabbage, cauliflower, celery, chard, coriander, eggplant, gourds, herbs, kale, lettuce, okra, parsnip, peas, peppers, radish, sunflowers & tomato.

\*Price per unit does not include hybrid bred seed prices.

## LIVESTOCK PRODUCTION AND VALUE 2013 - 2012

| ITEMS                      | YEAR | NUMBER OF HEAD | LIVE WEIGHT | UNIT | VALUE    |              |
|----------------------------|------|----------------|-------------|------|----------|--------------|
|                            |      |                |             |      | PER UNIT | TOTAL        |
| CATTLE AND CALVES          | 2013 | 16,900         | 118,300     | Cwt. | \$147.50 | \$17,449,000 |
|                            | 2012 | 19,500         | 107,250     | Cwt. | 140.00   | 15,015,000   |
| SHEEP AND LAMBS            | 2013 | 2,090          | 2,299       | Cwt. | 119.00   | 274,000      |
|                            | 2012 | 2,300          | 2,530       | Cwt. | 150.00   | 380,000      |
| MISCELLANEOUS <sup>1</sup> | 2013 | -----          | -----       | ---- | -----    | 1,946,530    |
|                            | 2012 | -----          | -----       | ---- | -----    | 456,000      |
| TOTAL                      | 2013 |                |             |      |          | \$19,669,530 |
|                            | 2012 |                |             |      |          | 15,851,000   |

<sup>1</sup> Includes goats, hogs, quail, organic beef and aquaculture.

## LIVESTOCK PRODUCTS 2013 - 2012

| ITEMS                      | YEAR | PRODUCTION | UNIT  | PER UNIT | TOTAL    |
|----------------------------|------|------------|-------|----------|----------|
| MISCELLANEOUS <sup>1</sup> | 2013 | -----      | ----- | -----    | \$37,000 |
|                            | 2012 | -----      | ----- | -----    | 20,600   |
| TOTAL                      | 2013 |            |       |          | \$37,000 |
|                            | 2012 |            |       |          | 20,600   |

<sup>1</sup> Includes wool.

## 2013 - 2012 HARVEST TIMBER PRODUCTION & VALUE

| ITEMS              | YEAR | PRODUCTION (NET MBF)* | TOTAL    |
|--------------------|------|-----------------------|----------|
| HARVESTED TIMBER** | 2013 | 846                   | \$57,000 |
|                    | 2012 |                       |          |
| TOTAL              | 2013 |                       | \$57,000 |
|                    | 2012 |                       | 0        |

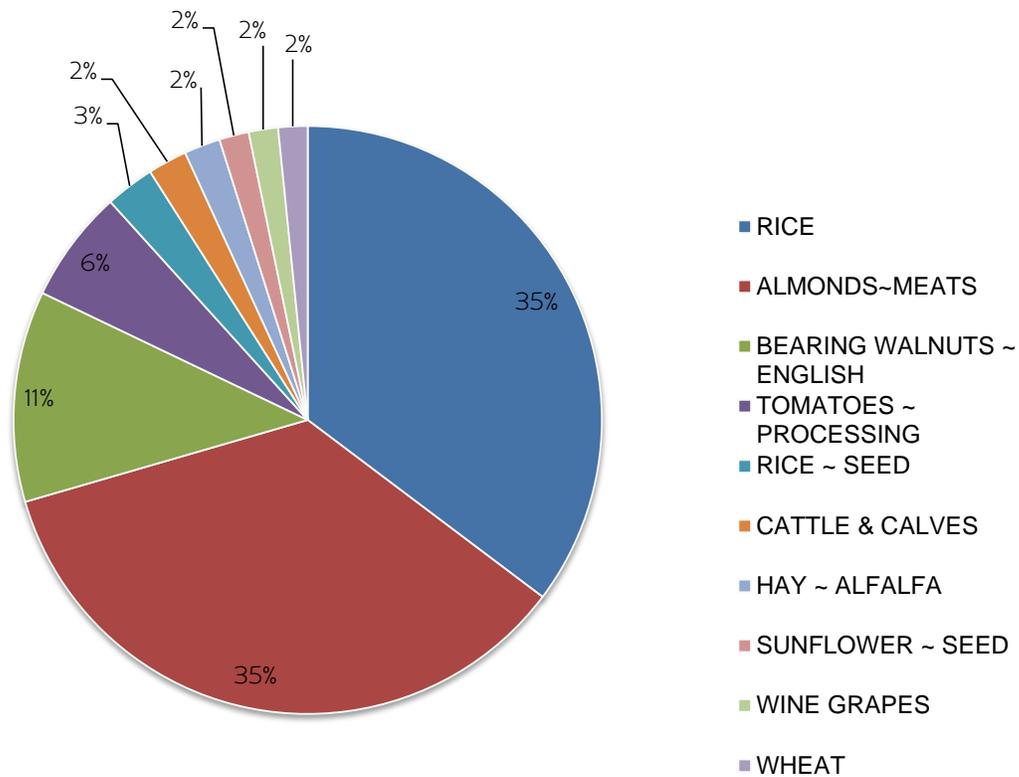
\* Board feet is the quantity of timber cut and scaled.

\*\* Timber production and value data are provided by State Board of Equalization, Timber Tax Division.



## TEN LEADING FARM COMMODITIES 2013 - 2012

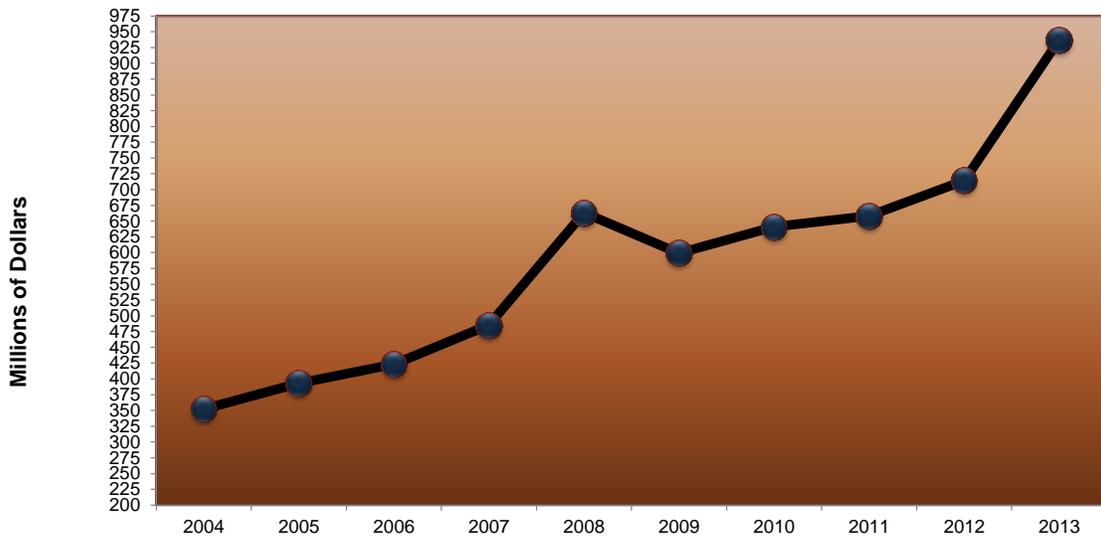
| <u>CROP</u>               | <u>AMOUNT</u> | <u>2013</u> | <u>2012</u> |
|---------------------------|---------------|-------------|-------------|
| RICE                      | \$285,461,000 | 1           | 1           |
| ALMONDS ~ MEATS           | \$285,038,000 | 2           | 2           |
| BEARING WALNUTS ~ ENGLISH | \$93,877,000  | 3           | 4           |
| TOMATOES ~ PROCESSING     | \$50,112,000  | 4           | 3           |
| RICE ~ SEED               | \$21,857,000  | 5           | 5           |
| CATTLE & CALVES           | \$17,449,000  | 6           | 7           |
| HAY ~ ALFALFA             | \$16,096,000  | 7           | 6           |
| SUNFLOWER ~ SEED          | \$13,198,000  | 8           | 10          |
| WINE GRAPES               | \$13,032,000  | 9           | 8           |
| WHEAT                     | \$13,012,000  | 10          | 12          |

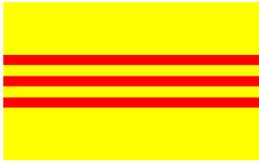


## TEN YEAR COMPARISON 2013 - 2004

|      |             |             |
|------|-------------|-------------|
| 2013 | GRAND TOTAL | 920,110,930 |
| 2012 | GRAND TOTAL | 711,768,100 |
| 2011 | GRAND TOTAL | 657,735,000 |
| 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 |

## TEN YEAR COMPARISON





## Colusa County Exported Commodities and Their Destinations

### Exported Commodities

Alfalfa  
Almonds  
Amaranth  
Arugula  
Asparagus  
Basil  
Barley  
Bean  
Beet  
Broccoli  
Cabbage  
Carrot  
Cauliflower  
Celery  
Corn

Cucumber  
Dill  
Eggplant  
Gourd  
Kale  
Leek  
Lettuce  
Melon  
Mustard  
Okra  
Onion  
Oregon  
Parsley  
Peas  
Pepper

Pumpkin  
Rice  
Radish  
Spinach  
Squash  
Sunflower  
Swiss Chard  
Tomatillo  
Thyme  
Tomato  
Walnuts  
Watercress  
Watermelon  
Wild Rice

### Destination Countries

Albania  
Argentina  
Australia  
Austria  
Bahrain  
Belarus  
Belgium  
Bolivia  
Brazil  
Canada  
Chile  
China  
Colombia  
Cyprus  
Czech Republic  
Denmark  
Ecuador  
El Salvador  
Fiji  
Finland  
France  
Germany  
Ghana

Greece  
Guatemala  
Hong Kong  
India  
Indonesia  
Iraq  
Israel  
Italy  
Japan  
Jordan  
Kuwait  
Lebanon  
Lithuania  
Libya  
Malaysia  
Mauritius  
Mexico  
Mongolia  
Morocco  
Netherlands  
New Zealand  
Nicaragua  
Norway

Pakistan  
Palstinian Territories  
Panama  
Peru  
Poland  
Qatar  
Republic of Korea  
Russian Federation  
Saudi Arabia  
Singapore  
Slovakia  
Solomon Islands  
South Africa  
Spain  
Sweden  
Switzerland  
Taiwan  
Turkey  
Ukraine  
United Arab Emirates  
United Kingdom  
Vanuatu  
Vietnam



