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# 2014 COLUSA COUNTY CROP REPORT

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JOE DAMIANO, AGRICULTURAL COMMISSIONER

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## MISSION STATEMENT

Our mission is to promote, protect and enhance agriculture and the environment while sustaining public health, safety and welfare for all the citizens of Colusa County and to provide consumer and marketplace protection through the fair and equitable enforcement of laws and regulation.

We fulfill our mission through the following programs: Pest Detection, Pest Management, Pest Exclusion, Pesticide Use Enforcement, Seed Inspection, Nursery Inspection, Fruit & Vegetable Standardization, Egg Quality Control, Weights and Measures Enforcement and other non-regulatory programs.



COLUSA COUNTY  
DEPARTMENT OF AGRICULTURE  
**JOSEPH J. DAMIANO**  
AGRICULTURAL COMMISSIONER/SEALER OF WEIGHTS AND MEASURES  
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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 2014 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 2014 gross production for agriculture was \$876,347,000. This represents a decrease of \$43,763,930 or approximately 4.8% when compared to the 2013 value of \$920,110,930. The decrease in gross production is mainly due to the reduction in surface water allocation to Colusa County Farmers. This lack of available water has resulted in approximately 45,000 acres of annual crops being taken out of production in 2014. The price for tomatoes, almonds, and cattle and calves increased slightly, while the price for rice and walnuts remained relatively flat when compared to 2013.*

*Almonds, with a gross value of \$279,147,000 have taken the place of rice, valued at \$221,470,000, as the number one crop in terms of gross value in Colusa County. Walnuts and processing tomatoes are the number three and four crops in terms of gross value, and cattle and calves is now number five.*

*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 Colusa County Agriculture administrative staff as well as the processors, producers, and other agencies who contribute the information that makes this report possible.*

*Respectfully submitted,*

*Joseph J. Damiano  
Agricultural Commissioner*



**AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES**

Joseph J. Damiano

**ASSISTANT AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES**

Mary Anne Azevedo

**AGRICULTURAL & STANDARDS BIOLOGIST III**

R. Scott Kittle

Jack de Wit

Thomas Moss

**AGRICULTURAL & STANDARDS BIOLOGIST I**

Benjamin Reische

Kristen Ottenwalter

**AGRICULTURAL AIDE**

Chelsea Bauman

David Zwald

**SUPPORT STAFF**

Renee McCormick - Fiscal Administrative Officer

Lee Ann Price - Administrative Secretary I

Dawn Brown - Account Clerk III

Elvira (Elly) Gutierrez - Office Assistant II

**COUNTY BOARD OF SUPERVISORS**

Kim Dolbow Vann - Chairperson, District I

Thomas A. Indrieri - District II

Mark D. Marshall - District III

Gary Evans - District IV

Denise J. Carter - District V

# Apiary Products



| ITEM                       | YEAR | PRODUCTION | UNIT   | VALUE PER UNIT | TOTAL        |
|----------------------------|------|------------|--------|----------------|--------------|
| HONEY <sup>1</sup>         | 2014 | 18,300     | Lb.    | 2.25           | \$41,000     |
|                            | 2013 | 15,200     | Lb.    | 2.00           | 30,000       |
| PACKAGE BEES <sup>2</sup>  | 2014 | 3,500      | Lb.    | 75.00          | 263,000      |
|                            | 2013 | 3,800      | Lb.    | 62.00          | 236,000      |
| QUEENS                     | 2014 | 43,500     | Each   | 23.50          | 1,022,000    |
|                            | 2013 | 33,000     | Each   | 19.55          | 645,000      |
| POLLINATION                |      |            |        |                |              |
| ALMONDS <sup>3</sup>       | 2014 | 77,714     | Colony | 170.00         | 13,211,000   |
|                            | 2013 | 74,802     | Colony | 156.00         | 11,669,000   |
| MISCELLANEOUS <sup>4</sup> | 2014 | 19,882     | Colony | 34.00          | 676,000      |
|                            | 2013 | 19,700     | Colony | 34.00          | 670,000      |
| TOTAL                      | 2014 |            |        |                | \$15,213,000 |
|                            | 2013 |            |        |                | 13,250,000   |

<sup>1</sup> Honey produced by 8,300 colonies in 2014 and 7,000 colonies in 2013, owned by resident beekeepers.

<sup>2</sup> Includes bulk bees and nuclei.

<sup>3</sup> Pollination colonies include almond pollinated in Colusa County.

<sup>4</sup> Pollination colonies include onion, prune, sunflower and vine seed crops pollinated in Colusa County.

# VEGETABLE CROPS

| CROP                       | YEAR | ACRES HARVESTED | PRODUCTION PER ACRE | TOTAL   | UNIT | VALUE PER UNIT | TOTAL         |
|----------------------------|------|-----------------|---------------------|---------|------|----------------|---------------|
| TOMATOES-PROCESSING        | 2014 | 15,721 #        | 57.00               | 896,097 | Ton  | \$83.00        | \$74,376,000  |
|                            | 2013 | 13,866 #        | 52.00               | 721,032 | Ton  | 69.50          | 50,112,000    |
| MISCELLANEOUS <sup>1</sup> | 2014 | 201 #           | -----               | -----   | ---- | -----          | 27,740,000    |
|                            | 2013 | 201 #           | -----               | -----   | ---- | -----          | 16,766,000    |
| TOTAL                      | 2014 | 15,922 #        |                     |         |      |                | \$102,116,000 |
|                            | 2013 | 14,067 #        |                     |         |      |                | 66,878,000    |

<sup>1</sup> Includes beans, cabbage, cantaloupes, cucumbers, eggplant, melons, mushrooms, okra, onions, peas, peppers, pumpkins, radishes, spinach species, squash, sweet corn, turnips and watermelon.

# FRUIT AND NUT CROPS

| CROP                       | YEAR | ACRES HARVESTED | PRODUCTION PER ACRE | TOTAL  | UNIT | VALUE PER UNIT | TOTAL         |
|----------------------------|------|-----------------|---------------------|--------|------|----------------|---------------|
| ALMONDS - MEATS            | 2014 | 51,809 #        | 0.80                | 41,447 | Ton  | 6,735.00       | \$279,147,000 |
|                            | 2013 | 46,302 #        | 1.11                | 51,395 | Ton  | 5,546.00       | 285,038,000   |
| ALMONDS - HULL             | 2014 | -----           | -----               | 51,809 | Ton  | 135.00         | 6,994,000     |
|                            | 2013 | -----           | -----               | 68,569 | Ton  | 100.00         | 6,857,000     |
| GRAPES, WINE               | 2014 | 2,171 #         | 8.30                | 18,019 | Ton  | 548.00         | 9,875,000     |
|                            | 2013 | 2,461 #         | 8.30                | 20,426 | Ton  | 638.00         | 13,032,000    |
| PRUNES                     | 2014 | 946 #           | 1.90                | 1,797  | Ton  | 2,498.00       | 4,490,000     |
|                            | 2013 | 838 #           | 1.55                | 1,299  | Ton  | 1,295.00       | 1,682,000     |
| BEARING WALNUTS - ENGLISH  | 2014 | 16,043 #        | 1.76                | 28,236 | Ton  | 3,461.00       | 97,724,000    |
|                            | 2013 | 14,585 #        | 1.87                | 27,274 | Ton  | 3,442.00       | 93,877,000    |
| MISCELLANEOUS <sup>1</sup> | 2014 | 2,862 #         | -----               | -----  | ---- | -----          | 16,376,000    |
|                            | 2013 | 2,554 #         | -----               | -----  | ---- | -----          | 16,579,000    |
| TOTAL                      | 2014 | 73,831 #        |                     |        |      |                | \$414,606,000 |
|                            | 2013 | 66,740 #        |                     |        |      |                | 417,065,000   |

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



# FIELD CROPS



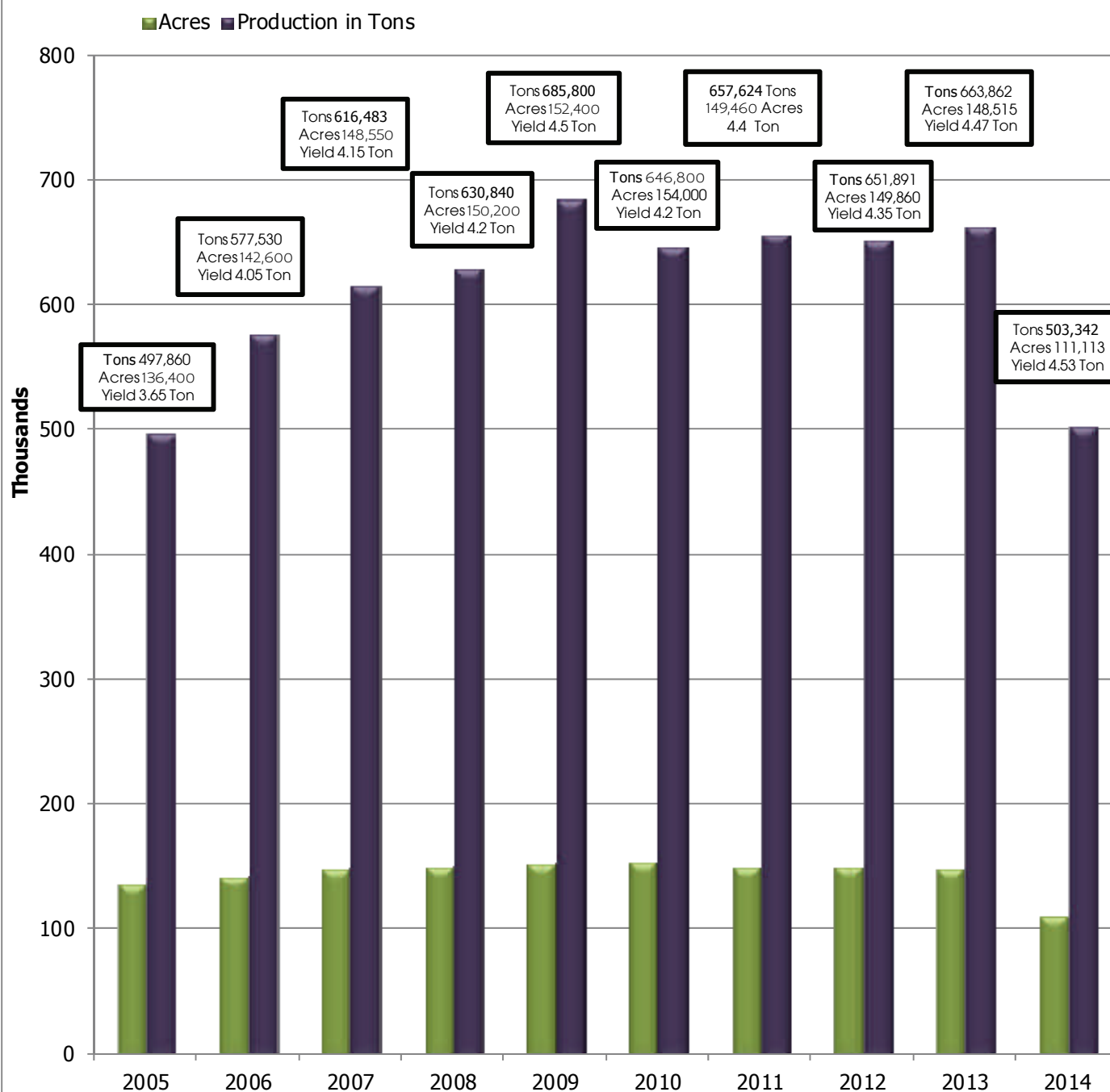
| CROP                     | YEAR              | ACRES HARVESTED | PRODUCTION PER ACRE | TOTAL   | UNIT  | VALUE PER UNIT | TOTAL         |
|--------------------------|-------------------|-----------------|---------------------|---------|-------|----------------|---------------|
| BEANS - DRY              | 2014              | 4,589           | 1.29                | 5,920   | Ton   | 1,100.00       | \$6,512,000   |
|                          | 2013              | 4,199           | 0.83                | 3,485   | Ton   | 1,060.00       | 3,694,000     |
| CORN - GRAIN             | 2014              | 1,348           | 5.60                | 7,549   | Ton   | 165.00         | 1,246,000     |
|                          | 2013              | 7,502           | 6.44                | 48,313  | Ton   | 199.00         | 9,614,000     |
| HAY - ALFALFA            | 2014              | 9,524           | 5.89                | 56,096  | Ton   | 237.00         | 13,295,000    |
|                          | 2013              | 11,502          | 7.14                | 82,124  | Ton   | 196.00         | 16,096,000    |
| HAY - GRAIN <sup>1</sup> | 2014              | 4,898           | 3.20                | 15,674  | Ton   | 180.00         | 2,821,000     |
|                          | 2013              | 3,058           | 2.86                | 8,746   | Ton   | 154.40         | 1,350,000     |
| PASTURE - IRRIGATED      | 2014              | 1,100           | -----               | -----   | Acre  | 84.00          | 92,000        |
|                          | 2013              | 1,100           | -----               | -----   | Acre  | 84.00          | 92,000        |
| PASTURE - DRYLAND        | 2014              | 180,000         | -----               | -----   | Acre  | 18.00          | 3,240,000     |
|                          | 2013              | 180,000         | -----               | -----   | Acre  | 15.00          | 2,700,000     |
| RICE                     | 2014              | 111,113         | 4.53                | 503,342 | Ton   | 440.00         | 221,470,000   |
|                          | 2013              | 148,515         | 4.47                | 663,862 | Ton   | 430.00         | 285,461,000   |
| SAFFLOWER                | 2014              | 1,060           | 1.18                | 1,251   | Ton   | 495.50         | 620,000       |
|                          | 2013              | 1,649           | 0.67                | 1,105   | Ton   | 517.50         | 572,000       |
| WHEAT                    | 2014              | 16,343          | 2.45                | 40,040  | Ton   | 258.00         | 10,330,000    |
|                          | 2013              | 20,633          | 2.94                | 60,661  | Ton   | 214.50         | 13,012,000    |
| MISCELLANEOUS            | 2014 <sup>2</sup> | -----           | -----               | -----   | ----- | -----          | 11,870,000    |
|                          | 2013 <sup>3</sup> | -----           | -----               | -----   | ----- | -----          | 15,761,000    |
| TOTAL                    | 2014              | 329,975         |                     |         |       |                | \$271,496,000 |
|                          | 2013              | 378,158         |                     |         |       |                | 348,352,000   |

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

<sup>2</sup> Includes alfalfa stubble, barley, beans, rice straw, wheat straw, oats, organic beans, organic rice and triticale.

<sup>3</sup> Includes alfalfa stubble, barley, cotton, organic millet, triticale, rice & wheat straw, organic beans, organic rice and sorghum grain.

## Total Acres/Total Production



## CERTIFIED SEED CROPS

| CROP          | YEAR              | ACRES HARVESTED | PRODUCTION PER ACRE | TOTAL      | UNIT | VALUE PER UNIT | TOTAL        |
|---------------|-------------------|-----------------|---------------------|------------|------|----------------|--------------|
| BEANS         | 2014              | 0               | 0                   | 0          | Lb.  | \$0.00         | \$0          |
|               | 2013              | 378             | 1,836               | 694,008    | Lb.  | 0.64           | 444,000      |
| RICE          | 2014              | 6,158           | 8,946               | 55,089,468 | Lb.  | 0.29           | 15,976,000   |
|               | 2013 <sup>1</sup> | 9,148           | 8,849               | 80,950,652 | Lb.  | 0.27           | 21,857,000   |
| SUNFLOWER     | 2014              | 6,305           | 1,221               | 7,698,405  | Lb.  | \$1.25         | 9,623,000    |
|               | 2013              | 8,626           | 900                 | 7,763,400  | Lb.  | 1.70           | 13,198,000   |
| WHEAT         | 2014              | 225             | 4,900               | 1,102,500  | Lb.  | 0.13           | 143,000      |
|               | 2013              | 206             | 5,965               | 1,228,790  | Lb.  | 0.12           | 147,000      |
| MISCELLANEOUS | 2014 <sup>3</sup> | 179             | -----               | -----      | Lb.  | -----          | 289,000      |
|               | 2013 <sup>2</sup> | 39              | -----               | -----      | Lb.  | -----          | 916,000      |
| TOTAL         | 2014              | 12,867          |                     |            |      |                | \$26,031,000 |
|               | 2013              | 18,397          |                     |            |      |                | 36,562,000   |

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

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

<sup>3</sup> Alfalfa, asparagus, safflower & triticale.

## NON-CERTIFIED SEED CROPS

| CROP          | YEAR | ACRES HARVESTED | PRODUCTION PER ACRE | TOTAL   | UNIT  | VALUE PER UNIT | TOTAL        |
|---------------|------|-----------------|---------------------|---------|-------|----------------|--------------|
| CUCUMBER      | 2014 | 1,169           | 601                 | 702,569 | Lb.   | 3.95           | \$2,775,000  |
|               | 2013 | 976             | 548                 | 534,848 | Lb.   | 3.68           | 1,968,000    |
| MELON         | 2014 | 91              | 501                 | 45,591  | Lb.   | 3.59           | 164,000      |
|               | 2013 | 115             | 484                 | 55,660  | Lb.   | 3.74           | 208,000      |
| ONION         | 2014 | 701             | 98                  | 68,698  | Lb.   | 90.24          | 6,199,000    |
|               | 2013 | 849             | 190                 | 161,310 | Lb.   | 57.00          | 9,195,000    |
| CARROT        | 2014 | 125             | 800                 | 100,000 | Lb.   | 4.00           | 400,000      |
|               | 2013 | 184             | 800                 | 147,200 | Lb.   | 4.00           | 589,000      |
| PUMPKIN       | 2014 | 834             | 800                 | 667,200 | Lb.   | 3.50           | 2,335,000    |
|               | 2013 | 127             | 800                 | 101,600 | Lb.   | 3.04           | 309,000      |
| SQUASH        | 2014 | 989             | 547                 | 540,983 | Lb.   | 3.19           | 1,726,000    |
|               | 2013 | 540             | 458                 | 247,320 | Lb.   | 3.20           | 791,000      |
| WATERMELON    | 2014 | 882             | 169                 | 149,058 | Lb.   | 5.40           | 805,000      |
|               | 2013 | 782             | 357                 | 279,174 | Lb.   | 6.40           | 1,787,000    |
| MISCELLANEOUS | 2014 | 2,441           | -----               | -----   | ----- | -----          | 3,668,000    |
|               | 2013 | 1,969           | -----               | -----   | ----- | -----          | 3,393,000    |
| TOTAL         | 2014 | 7,232           |                     |         |       |                | \$18,072,000 |
|               | 2013 | 5,542           |                     |         |       |                | 18,240,000   |

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

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

# LIVESTOCK

| ITEMS                      | YEAR | NUMBER OF HEAD | LIVE WEIGHT | UNIT | VALUE PER UNIT | TOTAL        |
|----------------------------|------|----------------|-------------|------|----------------|--------------|
| CATTLE AND CALVES          | 2014 | 18,200         | 127,400     | Cwt. | \$210.00       | \$26,754,000 |
|                            | 2013 | 16,900         | 118,300     | Cwt. | 147.50         | 17,449,000   |
| SHEEP AND LAMBS            | 2014 | 1,800          | 1,980       | Cwt. | 125.00         | 248,000      |
|                            | 2013 | 2,090          | 2,299       | Cwt. | 119.00         | 274,000      |
| MISCELLANEOUS <sup>1</sup> | 2014 | -----          | -----       | ---- | -----          | 1,783,000    |
|                            | 2013 | -----          | -----       | ---- | -----          | 1,946,000    |
| TOTAL                      | 2014 |                |             |      |                | \$28,785,000 |
|                            | 2013 |                |             |      |                | 19,669,000   |

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



# LIVESTOCK PRODUCTS

| CROP                       | YEAR | PRODUCTION | UNIT  | PER UNIT | TOTAL    |
|----------------------------|------|------------|-------|----------|----------|
| MISCELLANEOUS <sup>1</sup> | 2014 | -----      | ----- | -----    | 28,000   |
|                            | 2013 | -----      | ----- | -----    | 37,000   |
| TOTAL                      | 2014 |            |       |          | \$28,000 |
|                            | 2013 |            |       |          | 37,000   |

<sup>1</sup> Includes wool.

# TEN LEADING FARM COMMODITIES

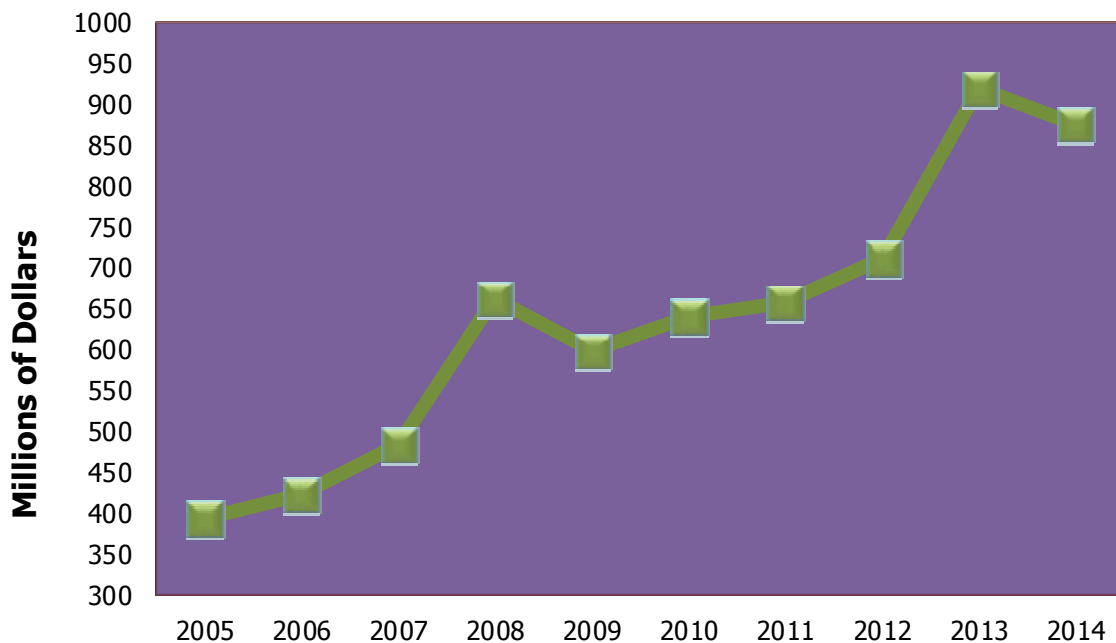
| CROP                      | 2014          | CROP                      | 2013          |
|---------------------------|---------------|---------------------------|---------------|
| ALMONDS - MEATS           | \$279,147,000 | RICE                      | \$285,461,000 |
| RICE                      | \$221,470,000 | ALMONDS - MEATS           | \$285,038,000 |
| BEARING WALNUTS - ENGLISH | \$97,724,000  | BEARING WALNUTS - ENGLISH | \$93,877,000  |
| TOMATOES - PROCESSING     | \$74,376,000  | TOMATOES - PROCESSING     | \$50,112,000  |
| CATTLE & CALVES           | \$26,754,000  | RICE - SEED               | \$21,857,000  |
| RICE - SEED               | \$15,976,000  | CATTLE & CALVES           | \$17,449,000  |
| HAY - ALFALFA             | \$13,295,000  | HAY - ALFALFA             | \$16,096,000  |
| POLLINATION - ALMONDS     | \$13,211,000  | SUNFLOWER - SEED          | \$13,198,000  |
| WHEAT                     | \$10,330,000  | WINE GRAPES               | \$13,032,000  |
| WINE GRAPES               | \$9,875,000   | WHEAT                     | \$13,012,000  |



## TEN YEAR COMPARISON

|      |             |             |
|------|-------------|-------------|
| 2014 | GRAND TOTAL | 876,347,000 |
| 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 |

### TEN YEAR COMPARISON



# Colusa County Exported Commodities and their Destinations

## Exported Commodities

Almonds  
Amaranth\*  
Arugula\*  
Artichoke\*  
Basil\*  
Barley  
Bean  
Beet\*  
Broccoli\*  
Brussel Sprouts\*  
Cabbage\*  
Canola  
Carrot\*  
Catnip\*  
Cauliflower\*  
Celery\*  
Chicory\*  
Chives\*  
Coriander\*

Corn\*  
Cucumber\*  
Dill\*  
Eggplant\*  
Gourd\*  
Kale\*  
Kohlrabi\*  
Lavender\*  
Leek\*  
Lentil\*  
Lettuce\*  
Melon\*  
Mustard\*  
Okra\*  
Onion\*  
Parsley\*  
Peas\*  
Pepper\*  
Peppermint\*

Pumpkin\*  
Quinoa  
Rice  
Radish\*  
Sorrel\*  
Sorghum  
Spinach\*  
Squash\*  
Sunflower\*  
Swiss Chard\*  
Tarragon\*  
Thyme\*  
Tomatillo\*  
Tomato\*  
Turnip\*  
Walnuts  
Watercress\*  
Watermelon\*  
Wild Rice

*\* Denotes seed exported*

## Destination Countries

Afghanistan  
Argentina  
Australia  
Austria  
Bahrain  
Belarus  
Belgium  
Bolivia  
Bulgaria  
Brazil  
Chile  
China  
Colombia  
Costa Rica  
Cyprus  
Czech Republic  
Denmark  
Dominican Republic  
Egypt  
El Salvador  
Fiji  
Finland  
France  
Germany  
Ghana

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

Norway  
Pakistan  
Panama  
Peru  
Poland  
Portugal  
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  
Venezuela  
Vietnam

