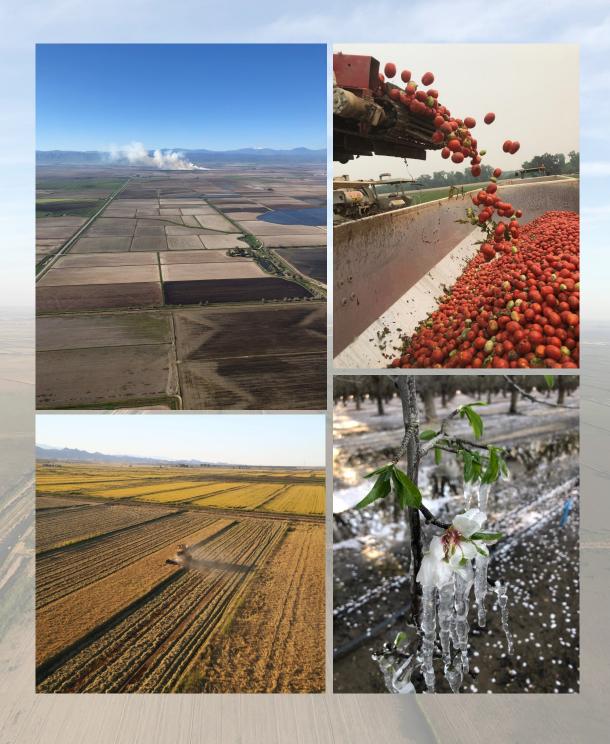
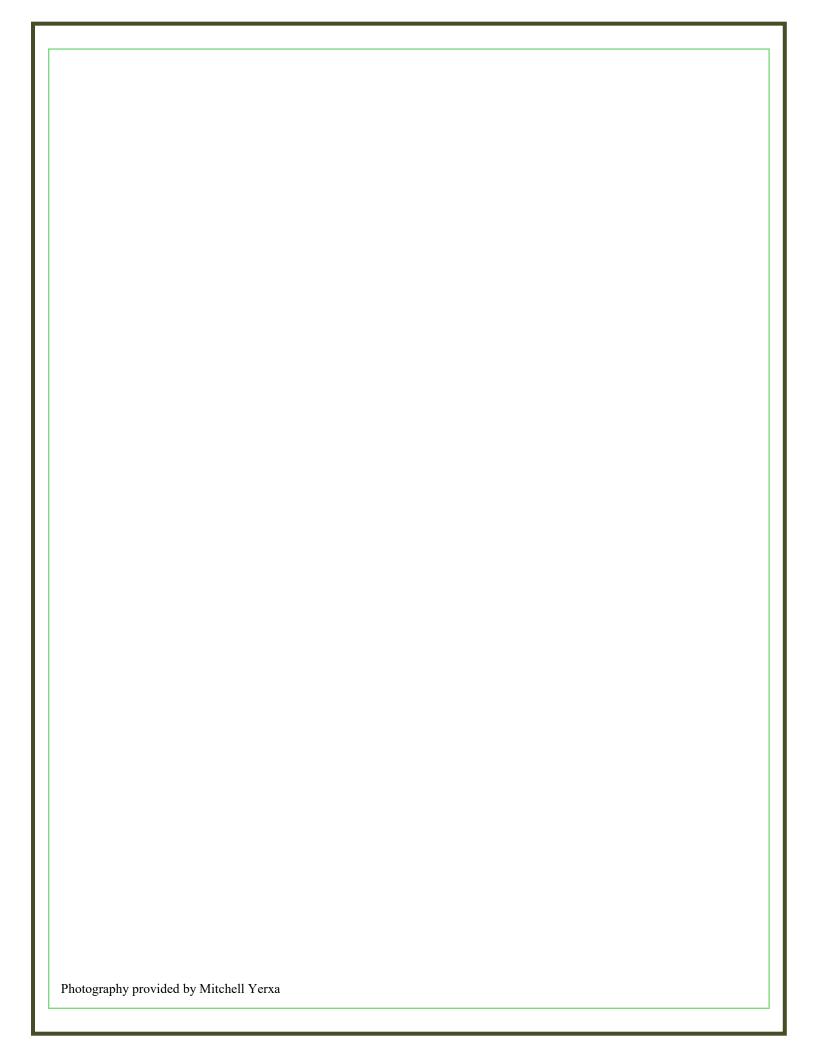
# Colusa County



Crop & Livestock Report 2022



# COLUSA COUNTY CROP REPORT 2022

#### MISSION STATEMENT

The mission of the Agricultural Commissioner is to promote, protect and enhance agriculture and the environment while sustaining public health, safety and welfare for all the citizens of Colusa County, further it is our mission to provide consumer marketplace protection through the fair and equitable enforcement of laws and regulations found within the Food and Agriculture code, Business and Professions code and the California Code of Regulations.

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

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M. Anastacia Allen ~ Agriculture Commissioner / Sealer of Weights & Measures Ryan Jennings ~ Assistant Agriculture Commissioner / Sealer of Weights & Measures

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www.countyofcolusa.com/80/Agricultural-Commissioner

530-458-0580 530-458-5000 (fax)

Email: ccag@countyofcolusa.com

August 15, 2023

Karen Ross, Secretary, California Department of Food & Agriculture

And

The Honorable Board of Supervisors of Colusa County Jose Merced Corona, District 1 Daurice Kalfsbeek Smith, District II Kent S. Boes, District III – Chair Gary J. Evans, District IV Janice Bell, District V

I am honored to present the 2022 Crop and Livestock Report for Colusa County. This report is prepared pursuant to Section 2279 of the California Food and Agricultural Code and is a summary of the estimated acreage, yield and gross value of the agricultural production in Colusa County. The gross value of Colusa County's agricultural production in 2022 was \$433,189,000. This is a decrease of 47.7% in comparison to the estimated value in 2021.

Colusa County's agriculture industry faced devastatingly low crop production for multiple commodities in 2022. Crop production hit unprecedented lows. The drought conditions throughout California led to some of the lowest water allocations ever seen in Colusa County. The allotments of water were so low that many growers were forced to fallow fields while others pulled orchards. The crop values presented in this report are a reflection of a year that will always be remembered as a year of tribulations.

Hit with disastrous drought, freeze and heat all three of Colusa's historical top crops felt the brunt of these weather conditions. The water allocations took rice down by 80%, the freeze reduced harvested almonds by 62% while the late season heat affected walnut quality dropping their value by 49%.

I would like to express my gratitude and appreciation to all of the growers, individuals and industry stakeholders who have assisted us by providing the data necessary to compile this report. Once again, I would like to thank Colusa County Agricultural Biologist Kristen Ottenwalter, along with everyone else from our department who have spent many hours compiling, analyzing and formatting this report so that I may present it to the State, the Board of Supervisors and the community of Colusa County.

Respectfully submitted,

a Snashin Alen

M. Anastacia Allen Agricultural Commissioner

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#### **2022 PERSONNEL**

# Colusa County Department of Agriculture

# AGRICULTURAL COMMISSIONER SEALER OF WEIGHTS & MEASURES

M. Anastacia Allen

# ASSISTANT AGRICULTURAL COMMISSIONER SEALER OF WEIGHTS & MEASURES

Ryan Jennings

#### AGRICULTURAL BIOLOGIST III

Kristen Ottenwalter

Tyler Martin

Lyndee Smith

#### AGRICULTURAL BIOLOGIST II

Frank Bowen

#### AGRICULTURAL BIOLOGIST I

Jason Deaner

Andrea Watson

#### SUPPORT STAFF

LeeAnn Price — Fiscal Administrative Officer

Dawn Brown — Account Technician

Ronda Smith — Account Technician

Anastasia Selover — Office Assistant III

#### **COUNTY BOARD OF SUPERVISORS**

J. Merced Corona — District I

Daurice Kalfsbeek Smith — District II

Kent S. Boes — District III

Gary J. Evans — District IV

Denise J. Carter — District V

#### **APIARY PRODUCTS**

| ITEM                       | YEAR | PRODUCTION | UNIT   | VALUE PER<br>UNIT | TOTAL        |
|----------------------------|------|------------|--------|-------------------|--------------|
| HONEY                      | 2022 | 50,000     | Lb.    | 3.00              | \$150,000    |
|                            | 2021 | 55,000     | Lb.    | 5.00              | 275,000      |
| PACKAGE BEES <sup>1</sup>  | 2022 | 2,500      | Lb.    | 110.00            | 275,000      |
|                            | 2021 | 2,500      | Lb.    | 115.00            | 288,000      |
| QUEENS                     | 2022 | 38,500     | Each   | 28.00             | 1,078,000    |
|                            | 2021 | 40,000     | Each   | 25.00             | 1,000,000    |
| POLLINATION                |      |            |        |                   |              |
| ALMONDS                    | 2022 | 110,794    | Colony | 215.00            | 23,821,000   |
|                            | 2021 | 135,428    | Colony | 184.00            | 24,919,000   |
| MISCELLANEOUS <sup>2</sup> | 2022 |            |        |                   | 775,000      |
|                            | 2021 |            |        |                   | 780,000      |
| TOTAL                      | 2022 |            |        |                   | \$26,099,000 |
|                            | 2021 |            |        |                   | 27,262,000   |

<sup>&</sup>lt;sup>1</sup> Includes 3 pounds bulk bees and a queen.

# **ORGANIC PRODUCTION**

GROSS PRODUCTION VALUE: \$7,730,000
30 COLUSA COUNTY PRODUCERS
13 COLUSA COUNTY HANDLERS

Includes almonds, cattle/beef, olives, rice, walnuts, wheat and various seed and row crops.

The organic industry is constantly evolving to support a healthy and diverse environment with the availability of certified organic products. Government agencies, accredited certifiers and organic operators continuously work together to improve the certification process. With development of new ideas and more efficient practices, all involved strive to ensure preeminent organic production and the best ways to monitor and enforce these standards.

<sup>&</sup>lt;sup>2</sup> Pollination colonies include onion, prune, sunflower and vine seed crops pollinated in Colusa County

# FRUIT AND VEGETABLE CROPS

| CROP                       | YEAR | ACRES<br>HARVESTED | PRODUCTION<br>PER ACRE | TOTAL   | UNIT | VALUE<br>PER UNIT | TOTAL        |
|----------------------------|------|--------------------|------------------------|---------|------|-------------------|--------------|
| TOMATOES-PROCESSING        | 2022 | 12,400             | 54.02                  | 669,848 | Ton  | \$106.00          | \$71,004,000 |
|                            | 2021 | 13,200             | 49.50                  | 653,400 | Ton  | 81.00             | 52,925,000   |
| MISCELLANEOUS <sup>1</sup> | 2022 |                    |                        |         |      |                   | 23,000,000   |
|                            | 2021 |                    |                        |         |      |                   | 24,000,000   |
| TOTAL                      | 2022 | 12,400             |                        |         |      |                   | \$94,004,000 |
| 1                          | 2021 | 13,200             |                        |         |      |                   | 76,925,000   |

<sup>&</sup>lt;sup>1</sup> Includes basil, bean, beet, cabbage, cantaloupe, carrot, corn, cucumber, eggplant, figs, garlic, jalapeño, melon, mushroom, okra, onion, pea, pepper, potato, rosemary, squash, sweet corn, tomato, turnip, watermelon and zucchini

### FRUIT AND NUT CROPS

| CROP                       | YEAR | ACRES<br>HARVESTED | PRODUCTION<br>PER ACRE | TOTAL  | UNIT | VALUE PER<br>UNIT | TOTAL         |
|----------------------------|------|--------------------|------------------------|--------|------|-------------------|---------------|
| ALMONDS - MEATS            | 2022 | 55,391             | 0.52                   | 28,803 | Ton  | \$2,868.00        | \$82,608,000  |
|                            | 2021 | 67,714             | 0.82                   | 55,525 | Ton  | 3,921.00          | 217,715,000   |
| ALMONDS - HULLS            | 2022 |                    |                        | 55,391 | Ton  | 71.00             | 3,933,000     |
|                            | 2021 |                    |                        | 67,714 | Ton  | 70.00             | 4,740,000     |
| GRAPES, WINE               | 2022 | 1,270              | 4.85                   | 6,160  | Ton  | 955.00            | 5,882,000     |
|                            | 2021 | 1,458              | 4.41                   | 6,430  | Ton  | 897.00            | 5,768,000     |
| OLIVES                     | 2022 | 269                | 3.00                   | 807    | Ton  | 723.00            | 583,000       |
|                            | 2021 | 209                | 4.80                   | 1,003  | Ton  | 800.00            | 803,000       |
| PRUNES                     | 2022 | 319                | 2.08                   | 664    | Ton  | 1,900.00          | 1,261,000     |
|                            | 2021 | 338                | 2.13                   | 720    | Ton  | 1,679.00          | 1,209,000     |
| WALNUTS - ENGLISH          | 2022 | 22,000             | 2.28                   | 50,160 | Ton  | 816.00            | 40,931,000    |
|                            | 2021 | 26,749             | 1.81                   | 48,416 | Ton  | 1,660.00          | 80,370,000    |
| MISCELLANEOUS <sup>2</sup> | 2022 |                    |                        |        |      |                   | 25,000,000    |
|                            | 2021 |                    |                        |        |      |                   | 25,000,000    |
| TOTAL                      | 2022 | 78,980             |                        |        |      |                   | \$160,198,000 |
|                            | 2021 | 96,259             |                        |        |      |                   | 335,605,000   |

<sup>&</sup>lt;sup>2</sup> Includes apple, apricot, aprium, asian pear, cherry, grapefruit, kiwi, lemon, nectarine, peach, pear, pecan, persimmon, pistachio, plum, and stone fruit



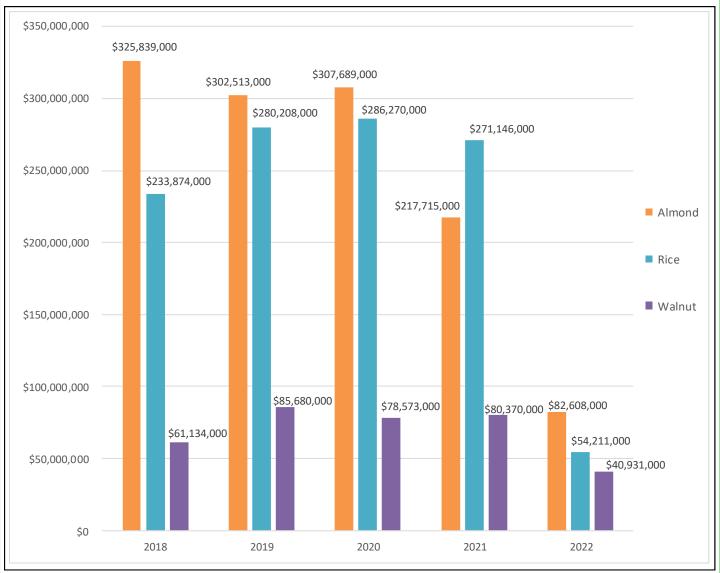
| CROP                       | YEAR | ACRES<br>HARVESTED | PRODUCTION<br>PER ACRE | TOTAL   | UNIT | VALUE PER<br>UNIT | TOTAL        |
|----------------------------|------|--------------------|------------------------|---------|------|-------------------|--------------|
| BEANS - DRY                | 2022 | 1,525              | 1.16                   | 1,769   | Ton  | 1,300.00          | \$2,300,000  |
|                            | 2021 | 2,635              | 1.28                   | 3,373   | Ton  | 1,200.00          | 4,047,000    |
| CORN - GRAIN               | 2022 | 837                | 7.00                   | 5,859   | Ton  | 239.00            | 1,400,000    |
|                            | 2021 | 2,552              | 7.17                   | 18,298  | Ton  | 237.50            | 4,346,000    |
| HAY - ALFALFA              | 2022 | 7,439              | 5.45                   | 40,543  | Ton  | 345.00            | 13,987,000   |
|                            | 2021 | 7,774              | 6.11                   | 47,499  | Ton  | 237.90            | 11,300,000   |
| HAY - GRAIN <sup>1</sup>   | 2022 | 1,559              | 3.83                   | 5,971   | Ton  | 215.00            | 1,284,000    |
|                            | 2021 | 1,850              | 1.95                   | 3,608   | Ton  | 212.00            | 765,000      |
| PASTURE - IRRIGATED        | 2022 | 1,200              |                        |         | Acre |                   | 210,000      |
|                            | 2021 | 1,200              |                        |         | Acre |                   | 210,000      |
| PASTURE - DRYLAND          | 2022 | 170,000            |                        |         | Acre |                   | 3,900,000    |
|                            | 2021 | 170,000            |                        |         | Acre |                   | 3,900,000    |
| RICE                       | 2022 | 16,958             | 4.80                   | 81,398  | Ton  | 666.00            | 54,211,000   |
|                            | 2021 | 99,214             | 5.67                   | 562,543 | Ton  | 482.00            | 271,146,000  |
| SAFFLOWER                  | 2022 | 380                | 0.70                   | 266     | Ton  | 680.00            | 181,000      |
|                            | 2021 | 468                | 0.88                   | 412     | Ton  | 477.50            | 197,000      |
| WHEAT                      | 2022 | 4,663              | 3.12                   | 14,549  | Ton  | 295.00            | 4,292,000    |
|                            | 2021 | 4,877              | 2.90                   | 14,143  | Ton  | 226.60            | 3,205,000    |
| MISCELLANEOUS <sup>2</sup> | 2022 |                    |                        |         |      |                   | 1,900,000    |
|                            | 2021 |                    |                        |         |      |                   | 2,000,000    |
| TOTAL                      | 2022 | 204,561            |                        |         |      |                   | \$83,665,000 |
|                            | 2021 | 290,570            |                        |         |      |                   | 301,116,000  |

<sup>&</sup>lt;sup>1</sup> Includes oat, rye grass, sudan grass, wheat and volunteer grain hay

<sup>&</sup>lt;sup>2</sup> Includes alfalfa stubble, barley, industrial hemp, grain, oat, rye, rice & wheat straw, sorghum, milo, triticale and vetch

# TOP 3 COMMODITY TRENDS

The below graph depicts annual crop value for Almonds, Rice and Walnuts for the last 5 years





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### **CERTIFIED SEED CROPS**

| CROP          | YEAR   | ACRES<br>HARVESTED | PRODUCTION PER<br>ACRE | TOTAL      | UNIT | VALUE<br>PER UNIT | TOTAL        |
|---------------|--------|--------------------|------------------------|------------|------|-------------------|--------------|
| RICE          | 2022   | 2,795              | 11,700                 | 32,701,500 | Lb.  | 0.38              | 12,427,000   |
|               | 2021   | 9,242              | 9,823                  | 90,784,166 | Lb.  | 0.24              | 21,788,000   |
| SUNFLOWER     | 2022   | 3,267              | 634                    | 2,071,278  | Lb.  | 1.59              | 3,293,000    |
|               | 2021   | 6,286              | 660                    | 4,148,760  | Lb.  | 1.72              | 7,136,000    |
| MISCELLANEOUS | 2022 1 | 465                |                        |            | Lb.  |                   | 1,200,000    |
|               | 2021 2 | 178                |                        |            | Lb.  |                   | 1,011,000    |
| TOTAL         | 2022   | 6,527              |                        |            |      |                   | \$16,920,000 |
|               | 2021   | 15,706             |                        |            |      |                   | 29,935,000   |

<sup>&</sup>lt;sup>1</sup>Asparagus, safflower and wheat

### **NON-CERTIFIED SEED CROPS**

| CROP          | YEAR   | ACRES<br>HARVESTED | PRODUCTION<br>PER ACRE | TOTAL     | UNIT | VALUE PER<br>UNIT | TOTAL        |
|---------------|--------|--------------------|------------------------|-----------|------|-------------------|--------------|
| CUCUMBER      | 2022   | 1,544              | 425                    | 656,200   | Lb.  | 5.00              | \$3,281,000  |
|               | 2021   | 840                | 485                    | 407,400   | Lb.  | 4.10              | 1,670,000    |
| MELON         | 2022   | 86                 | 480                    | 41,280    | Lb.  | 5.20              | 215,000      |
|               | 2021   | 87                 | 512                    | 44,544    | Lb.  | 4.00              | 178,000      |
| ONION         | 2022   | 46                 | 110                    | 5,060     | Lb.  | 66.00             | 334,000      |
|               | 2021   | 144                | 190                    | 27,360    | Lb.  | 49.00             | 1,341,000    |
| SUNFLOWER     | 2022   | 550                | 1299                   | 714,450   | Lb.  | 2.00              | 1,429,000    |
|               | 2021   | 905                | 1393                   | 1,260,665 | Lb.  | 1.35              | 1,702,000    |
| SQUASH        | 2022   | 889                | 474                    | 421,386   | Lb.  | 6.00              | 2,528,000    |
|               | 2021   | 367                | 481                    | 176,527   | Lb.  | 4.63              | 817,000      |
| WATERMELON    | 2022   | 1,198              | 240                    | 287,520   | Lb.  | 8.00              | 2,300,000    |
|               | 2021   | 1,427              | 280                    | 399,560   | Lb.  | 7.52              | 3,005,000    |
| MISCELLANEOUS | 2022 3 |                    |                        |           |      |                   | 10,000,000   |
|               | 2021 4 |                    |                        |           |      |                   | 14,000,000   |
| TOTAL         | 2022   | 3,763              |                        |           |      |                   | \$20,087,000 |
|               | 2021   | 2,865              |                        |           |      |                   | 22,713,000   |

<sup>&</sup>lt;sup>3</sup> Asparagus, barley, bean, cilantro, corn, grass, hybrid cucumber, hybrid pepper, hybrid squash, hybrid watermelon, pea, pumpkin, safflower, tomato, and triticale

<sup>&</sup>lt;sup>2</sup> Asparagus and wheat

<sup>&</sup>lt;sup>4</sup> Asparagus, barley, bean, broccoli, cantaloupe, cabbage, cilantro, collard, corn, cotton, grass, garbanzo beans, herb/spices, hybrid cucumber, hybrid pepper, hybrid squash, hybrid watermelon, pepper, pea, pumpkin, safflower, tomato, and triticale.



| ITEMS                      | YEAR           | NUMBER OF<br>HEAD | LIVE WEIGHT | UNIT | VALUE PER<br>UNIT | TOTAL                                   |
|----------------------------|----------------|-------------------|-------------|------|-------------------|---|
| CATTLE AND CALVES          | 2022           | 17,100            | 161,595     | Cwt. | \$134.00          | \$21,654,000                            |
|                            | 2021           | 17,000            | 158,440     | Cwt. | 143.30            | 22,704,000                              |
| SHEEP AND LAMBS            | 2022           | 3,900<br>3,900    |             |      | 215.00<br>212.00  |   |
| MISCELLANEOUS <sup>1</sup> | 2022           |                   |             |      |                   | 1,800,000                               |
| TOTAL                      | 2021 2022 2021 | -                 |             |      |                   | 1,850,000<br>\$24,486,000<br>25,572,000 |

 $<sup>^{\</sup>rm 1}$  Includes breeding stock, chickens, goats, hogs, turkeys and livestock products

# TEN LEADING FARM COMMODITIES

| CROP                                       | 2022         | CROP                                       | 2021          |
|--|--------------|--|---------------|
|  |              |  |               |
| ALMONDS - MEATS                            | \$82,608,000 | RICE                                       | \$271,146,000 |
|  |              |  |               |
| TOMATOES - PROCESSING                      | \$71,004,000 | ALMONDS - MEATS                            | \$217,715,000 |
|  |              |  |               |
| RICE                                       | \$54,211,000 | WALNUTS - ENGLISH                          | \$80,370,000  |
|  |              |  |               |
| WALNUTS - ENGLISH                          | \$40,931,000 | TOMATOES - PROCESSING                      | \$52,925,000  |
| MIGGELL ANEONG EDINE                       |              | MIGGELL ANEOLIG EDITE O                    |               |
| MISCELLANEOUS - FRUIT &<br>NUT CROPS       | \$25,000,000 | MISCELLANEOUS - FRUIT &<br>NUT CROPS       | \$25,000,000  |
|  |              |  |               |
| POLLINATION - ALMONDS                      | \$23,821,000 | POLLINATION - ALMONDS                      | \$24,919,000  |
|  |              |  |               |
| MISCELLANEOUS - FRUIT &<br>VEGETABLE CROPS | \$23,000,000 | MISCELLANEOUS - FRUIT &<br>VEGETABLE CROPS | \$24,000,000  |
| VEGETABLE CROIS                            | \$23,000,000 | VEGETABLE CROIS                            | \$24,000,000  |
| CATTLE & CALVES                            | \$21,654,000 | CATTLE & CALVES                            | \$22,704,000  |
| CATTLE & CALVES                            | \$41,034,000 | CATTLE & CALVES                            | \$22,704,000  |
| HAY ALEALEA                                | \$12,007,000 | CEDITIEIED DICE CEED                       | ¢21.789.000   |
| HAY - ALFALFA                              | \$13,987,000 | CERTIFIED RICE SEED                        | \$21,788,000  |
| CEDITIFIED DICE CEED                       | ¢12.427.000  | MISCELLANEOUS NON-                         | ¢14,000,000   |
| CERTIFIED RICE SEED                        | \$12,427,000 | CERTIFIED SEED CROPS                       | \$14,000,000  |

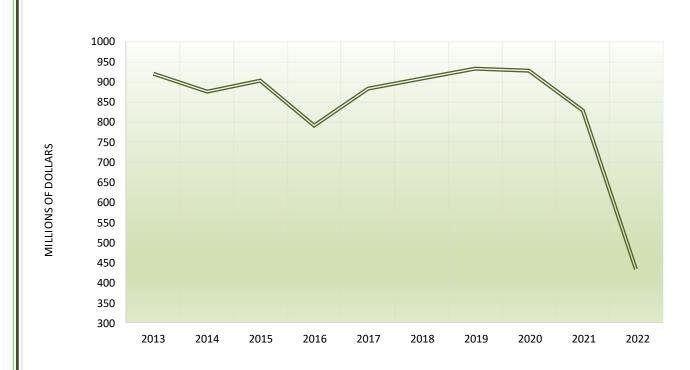


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#### TEN YEAR COMPARISON

| 2022 | CD AND TOTAL | 422 190 000 |
|------|--------------|-------------|
| 2022 | GRAND TOTAL  | 433,189,000 |
| 2021 | GRAND TOTAL  | 827,928,000 |
| 2020 | GRAND TOTAL  | 926,812,000 |
| 2019 | GRAND TOTAL  | 932,963,000 |
| 2018 | GRAND TOTAL  | 908,154,000 |
| 2017 | GRAND TOTAL  | 883,580,000 |
| 2016 | GRAND TOTAL  | 791,664,000 |
| 2015 | GRAND TOTAL  | 901,764,000 |
| 2014 | GRAND TOTAL  | 876,347,000 |
| 2013 | GRAND TOTAL  | 920,110,930 |





# TRIBULATIONS OF 2022

#### FARMING IN A DROUGHT



Due to little to no water allocation Colusa County experienced one of the worst environmental and economical disasters the Sacramento Valley has ever endured. Colusa saw nearly half of their 456,000 farmable acres sit fallow. This hurt farmers, processors, farmworkers, wildlife and the entire community.

Colusa fell victim to an environmental war. A war that began with environmental good intentions has led to conflicting regulations that has caused this environmental crisis. This example of single species management resulted in the suffering of all species during this unprecedented drought situation.

Throughout the farming season, there was a clear distinction between the California water project consisting of the Feather River watershed and the Federal water project along the Sacramento River watershed. With the Sacramento River Water Contractors reduced to only 18% of their contracted water allotments farming became an impossible task in 2022.

"I can sum it up in one word—Disaster!"

Rick Richter, Richter Aviation





#### **STATS**

- Rice production value dropped 80%
- Overall crop values fell by \$394,739,000
- Over 350,000 acres of farm land fallowed in the Sacramento Valley
- Water allocations cut to 18% of contracted amounts

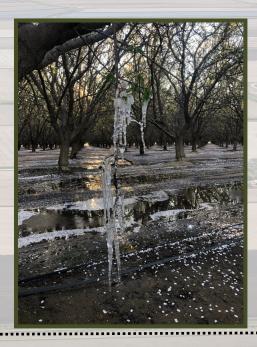


To view a documentary on the drought and its impacts on Colusa County, please scan the code above.

# TRIBULATIONS OF 2022

# ALMOND FREEZE

Colusa experienced record low temperatures in February of 2022. These lows were especially devastating due to the length of time the temperatures stayed below freezing. Multiple monitors throughout the county registered 23.8\* for 9 hours. For 5 days, the icy weather persisted during the peak of the non-peril bloom. The Agricultural Commissioner's Office conducted a county wide survey of all growers and found the damages were estimated at 65% of crop loss. Some farmers reported their entire crop was lost. Other farmers left what little crop the trees produced unharvested due to the cost of harvesting exceeding the value of crop. An Agricultural disaster declaration was requested and granted from the Secretary of the United States Department of Agriculture.









# SEPTEMBER HEAT WAVE

In the Fall of 2022 a late season heat wave hit during a critical time of the growing cycle for Walnuts. These extreme temperatures caused darkening of the walnut meats, resulting in an unmarketable product, low quality, directly effecting prices. Walnut producers were operating below cost of production and some orchards in Colusa County were left unharvested.

### **Colusa County Exports**

#### **EXPORTED COUNTRIES**

Afghanistan **Ecuador** Armenia Egypt Australia El Salvador Ethiopia Austria Bahrain Fiji Finland Belgium **Brazil** France Bulgaria Germany

Chile Guatemala China Honduras Colombia Hong Kong Costa Rica India Croatia Iraq Cyprus Israel

Czech Republic Italy Denmark Japan Jordan Kazakhstan Kuwait Latvia Lebanon Lithuania Malaysia Mexico Morocco **Netherlands** 

New Zealand Nicaragua Norway

Oman Pakistan Panama

Peru Poland Portugal Qatar Russian Federation Saint Vicent & the Grenadines Saudi Arabia Serbia South Africa

Singapore Spain Sweden Switzerland Taiwan

Thailand The Bolivarian

Republic of Venezuela

The Democratic People's Republic of Korea

The Republic or

Korea

The Republic of

**Turkiye** Ukraine United Arab

**Emirates** 

United Kingdom

Viet Nam

#### EXPORTED COMMODITIES

Chicory\* Almonds Chives\* Asparagus\* Corn\* Barley Basil\* Cucumber\* Bean\* Dill\* Beet\* Eggplant\* Broccoli\* Endive\* Brussel Sprouts\* Gourd\* Cabbage\* Kale\* Carrot\* Kohlrabi\* Cauliflower\* Leek\* Celery\* Lettuce\*

Chamomile\*

Okra \* Onion\* Oregano\* Pak Choy\* Parsley\* Pepper\* Pumpkin\* Quinoa\* Radish\* Rice Spinach\*

Squash\*

Mustard\*

Sunflower\* Thyme\* Tomatillo\* Tomato\* Triticum Sp.\* Turnip\* Walnuts Watermelon\* Wild Rice

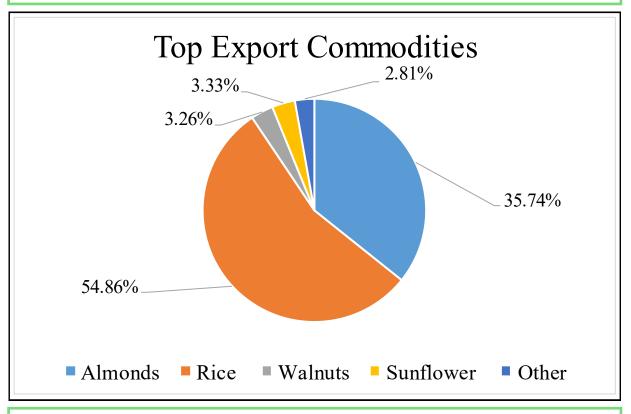
\*Denotes seed exported

Melon\*

### **Top 10 Export Countries & Top Commodities**



Above graph depicts the top 10 exported countries for Colusa County with the number of Phytosanitary Certificates sent to those countries in 2022

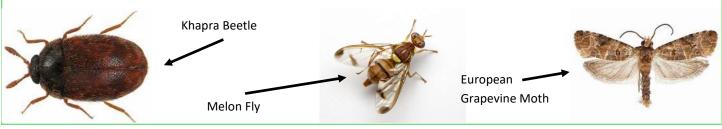


Above graph depicts the top commodities exported out of Colusa County in 2022 and the percentage they hold of the total phytosanitary certificates issued.

# **PEST DETECTION**

The primary responsibility of the Pest Detection Program is the early detection and prompt eradication of the serious agricultural pests in California. The Colusa County Department of Agriculture monitored for the following pests during the 2022 trapping season.

| INSECT                    | TRAP TYPE         | SEASON      | HOST                          | TOTAL<br>TRAPS | SERVICINGS |
|---------------------------|-------------------|-------------|-------------------------------|----------------|------------|
| Mediterranean Fruit Fly   | Jackson Trap      | May - Oct   | Fruit Tree                    | 34             | 250        |
| Oriental Fruit Fly        | Jackson Trap      | May - Oct   | Fruit Tree                    | 15             | 118        |
| Gypsy Moth                | Delta Trap        | June - Sept | Shade Tree                    | 50             | 136        |
| Khapra Beetle             | Wall Trap         | Jan - Dec   | Grain/Seeds<br>Stored Product | 89             | 2136       |
| Melon Fly                 | Jackson Trap      | June - Sept | Garden                        | 15             | 96         |
| Japanese Beetle           | JB Trap           | June - Sept | Rose/Turf                     | 12             | 69         |
| Glassy Wing Sharp Shooter | Yellow Panel Trap | May - Oct   | Ornamental                    | 27             | 297        |
| Asian Citrus Psyllid      | Yellow Panel Trap | Nov - Apr   | Fruit Tree                    | 50             | 240        |
| Misc. Fruit Fly           | Yellow Panel Trap | May - Oct   | Fruit Tree                    | 36             | 216        |
| Tomato Leaf Miner         | Delta Trap        | May - Oct   | Tomato                        | 100            | 1200       |
| European Grapevine Moth   | Delta Trap        | Mar - Aug   | Grapes                        | 57             | 759        |
| European Grape Berry Moth | Wing Trap         | May - Oct   | Grapes                        | 57             | 759        |

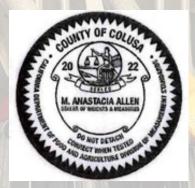


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#### **DEPARTMENT OF WEIGHTS AND MEASURES**

The Colusa County Department of Weights and Measures works behind the scenes to protect both the buyers and the sellers from malfunctioning devices and unfair marketing practices. Ensuring fair and honest competition for industry and accurate value comparison for consumers are the primary functions carried out by this department. Consumers are able to shop with confidence because of the inspections, investigations and certifications conducted by Weights and Measures inspectors.

The Department of Weights and Measures also investigates any citizen complaint regarding Price Verification and Quantity Control. This is to ensure that the citizens of Colusa County are purchasing products as advertised anywhere commerce is conducted.



#### WEIGHING AND MEASURING DEVICES

All weighing and measuring devices used in commercial transactions are tested for accuracy on an annual basis by department inspectors.

Scales annually tested and certified include: computing scales, counter scales, dormant and portable scales, hopper scales, livestock scales, analytical scales, hanging scales and vehicle scales

Total number of scales certified in 2022: 202

Meters tested and certified include: Electric submeters, liquid propane gas meters, fuel meters, vapor meters, vehicle meters and water meters.

Total number of meters certified in 2022: 986

Inspectors routinely check for labeling on motor fuel dispensers and underground fuel storage tanks, and price signs are inspected for accuracy, size and legibility.

# 2022 Work Performance Statistics

#### PESTICIDE REPORTING AND USE

| Restricted Material Permits issued    | 482  |
|---------------------------------------|------|
| Operator ID Permits issued            | 46   |
| Pesticide Notice of Intents submitted | 1703 |
| Pesticide Use Reports submitted       | 9326 |
| Sites permitted                       | 2734 |

#### **COLUSA COUNTY REGISTRATIONS**

| Pest Control Advisors             | 116 |
|-----------------------------------|-----|
| Pest Control Businesses           | 62  |
| Pest Control Dealers              | 4   |
| Pest Control Pilots               | 59  |
| Farm Labor Contractors            | 36  |
| Structural Pest Control Operators | 41  |

#### **SEED SAMPLES**

Seed samples are retrieved using required protocols when requested by a grower or seed company. The Agriculture Office retains samples for 3 years and will send a sample to the state lab if directed to do so by the grower. The samples help determine seed viability/germ and clean out.

Seed samples taken in 2022: 75

# FEDERAL PHYTOSANITARY CERTIFICATES

Federal Phytosanitary Certificates are used to help facilitate shipment of agricultural products to other countries. Products are inspected for cleanliness and a certificate is written and issued based on each individual shipment.

Federal Phytosanitary Certificates issued: 2974

#### IN FIELD INSPECTIONS

Pesticide Use Enforcement Inspections are conducted in field, at fumigation sites or evaluations of training records of businesses, growers, and operators.

**Completed PUE inspections: 555** 

Equipment inspections are conducted upon request from the owner or operator.

Certificates of cleanliness issued (includes harvesters, bankouts and grain carts, headers, bins, seed cleaners, augers): 108

Weed Free inspections are conducted upon request for fields which apply for certification of weed free forage, hay, straw and/or mulch.

Weed Free inspections: 60

A Phytosanitary Field inspection of seed is completed after an application is submitted to the state by the seed company. The field is walked and inspected for a variety of diseases multiple times during the growing season.

Field Walk inspections: 406





# **Crop Report Data**

As required by the California Food and Agricultural Code 2279, it is the Agricultural Commissioner's responsibility to compile data for the annual crop report, consisting of acreage, production and crop values of the commodities produced in Colusa County. All information is considered confidential and is only used in compiling production totals.

The annual crop report is a valued tool when calculating averages and crop values to determine if a disaster declaration can be submitted. It is very important that Colusa County growers report data in order for us to accurately depict our County's crop values. In 2022, two separate disaster declarations were issued for Colusa County. Please do your part in helping our office create this report by submitting your crop statistics.

We would like to thank you for your continued participation in this process. For your copy of the 2022 Crop Report please visit www.countyofcolusa.org.

Thank you for supporting Colusa County Agriculture!

#### COLUSA COUNTY DEPARTMENT OF AGRICULTURE

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