

# 2022

## STANISLAUS COUNTY AGRICULTURAL REPORT



## YOUTH IN AGRICULTURE





# CONTENTS



- |                                |                             |
|--------------------------------|-----------------------------|
| 1 Letter to CDFA Secretary     | 11 Vegetable Crops          |
| 2 Top Ten                      | 12 4-H                      |
| 3 Summary                      | 13 FFA                      |
| 4 Field Crops                  | 14 At The Fair With Anna    |
| 6 Fruit & Nut Crops            | 15 Young Farmers & Ranchers |
| 8 Apiary Products              | 16 Pest Prevention          |
| 8 Livestock & Poultry          | 17 Exports                  |
| 9 Livestock & Poultry Products | 18 Weights & Measures       |
| 10 Nursery Products            | 19 Ag Facts                 |
| 10 Organic Products            | 20 Awards & Recognitions    |
| 11 Other Agriculture           |                             |



# OUR TEAM



## **Agricultural Commissioner/ Sealer of Weights & Measures**

Linda Pinfold

## **Assistant Agricultural Commissioner/ Sealer of Weights & Measures**

Dave Singh

## **Deputy Agricultural Commissioner/ Sealers**

Judith Arroyo  
Harinder Grewal

Wendy Hahn  
Melissa Lovett\*

## **Information & Technology**

Sue Boelk  
Nathan Leon

Alec Lyek

## **Seasonal Agricultural Assistants**

Jacqueline Aguiar  
Gay Allard-Johnson  
Sandra Blevins  
Patrick Conrad  
Maddison Cortese  
James Friedrich  
George Gold

Nela Holsapple  
Alexa Ladd  
Michael McFall  
Eva Padilla  
Rafael Ramirez  
Charles Smith  
Becky Swanson

## **Agricultural/Weights & Measures Inspectors**

Ana Arzate  
Zachary Baptista  
Cari Baughman\*  
Arpinder Brar  
Greg Brockman  
Jon Brower  
Gerardo Castaneda  
Christopher Egli  
Cristina Galvan  
Joseph Geraldese  
Deana Guerrero  
Tania Herrera

Claudia Holt  
Richard Homer  
Andrew "Ranger" Kielak  
Amy Lomeli\*  
Socorro Medina  
Melanie Pellegrino  
Marcos Rodriguez  
Amit Sandhu  
Harminder Sran  
Pearl Tanner  
Trevor Wingett

## **Administrative Support**

Josie Alvarez  
Susan Azevedo  
Cassy Costa\*  
Ramona Cunningham  
Cheryl Horton

Trina Lagier  
Michael Sise  
Debbie Wohld  
Jami Wright

\* *Crop Report Committee Members*



**DEPARTMENT OF AGRICULTURE &  
WEIGHTS AND MEASURES**

Linda Pinfold  
AGRICULTURAL COMMISSIONER/  
SEALER OF WEIGHTS AND MEASURES

David J. Singh  
ASSISTANT AGRICULTURAL COMMISSIONER/  
SEALER OF WEIGHTS AND MEASURES

Karen Ross, Secretary,  
California Department of Food and Agriculture  
and

The Honorable Board of Supervisors of Stanislaus County

Buck Condit .....	District 1	Mani Grewal .....	District 4, Vice-Chairman
Vito Chiesa .....	District 2	Channcce Condit ...	District 5, Chairman
Terry Withrow ....	District 3		

It is my pleasure to present the 2022 Annual Crop Report for Stanislaus County pursuant to Sections 2272 and 2279 of the California Food and Agricultural Code. Stanislaus County's total gross value of agricultural production in 2022 was \$3,726,482,000, a 5% increase from 2021. It is important to note that the agricultural gross values in this report only provide farm gate values and do not represent net profits or losses, as it does not account for production costs. This report also does not account for the re-spending and support multipliers generated by agricultural production in the local economy.

Notable changes occurred in 2022's top ten commodities. Milk—which ceded the number one position to almonds in 2013—reclaimed its place as the top valued commodity, increasing 41% in total value due to Federal Milk Marketing Order prices. Conversely, nut crops experienced one of their toughest years due to market pricing and environmental impacts to yield. Almonds dropped to number two in value, and walnuts, in the top ten for at least two decades, fell out of the top ten completely. National shortages in poultry and eggs related to Highly Pathogenic Avian Influenza increased values 15% and 111%, respectively. Eggs rejoined the top ten as 8<sup>th</sup> in value. Tomatoes also rejoined the top commodities with an increase of 57% in total value with additional acreage and higher prices. Hay and silage values rose by 50% and 35%, respectively, due to drought pressures and increases in dairy production. Correlated with almond production, almond pollination dropped in total value from 2021 by 4% but rose to the 7<sup>th</sup> position as a result of walnuts dropping out of the top ten.

This year's report celebrates youth in agriculture. With the average American at least three generations removed from a farm, the importance of engaging youth in agricultural experiences is vital to their connection and understanding of the industry in the future. Through programs like 4-H, FFA, and Young Farmers and Ranchers, we hope to build the agricultural leaders of tomorrow.

I wish to express my sincere gratitude and appreciation to the agricultural producers, industry representatives, and public agencies who contributed data necessary to prepare this report. I also thank my team who made the publication of this report possible through their hard work, dedication, and diligence.

Respectfully submitted,

Linda Pinfold  
Agricultural Commissioner  
Sealer of Weights and Measures

**WE BUILD COMMUNITY**

3800 CORNUCOPIA WAY, STE. B, MODESTO CA 95358  
PHONE: 209-525-4730, FAX 209-525-4790  
WWW.STANCOUNTY.COM



# TOP TEN



## TOP TEN

	COMMODITY	% OF 2022 TOTAL VALUE	2022 VALUE	2021 VALUE
#1	MILK	30%	\$1,130,572,000	\$801,492,000
#2	ALMONDS	20%	\$752,971,000	\$1,084,744,000
#3	POULTRY	10%	\$383,168,000	\$334,002,000
#4	CATTLE & CALVES	5%	\$192,802,000	\$161,971,000
#5	FRUIT & NUT NURSERY STOCK	5%	\$175,035,000	\$145,577,000
#6	SILAGE	5%	\$173,025,000	\$128,631,000
#7	ALMOND POLLINATION	2%	\$87,401,000	\$91,483,000
#8	EGGS	2%	\$84,198,000	\$39,840,000
#9	HAY	2%	\$68,109,000	\$45,376,000
#10	TOMATOES	1%	\$53,478,000	\$34,061,000
TOTAL TOP 10		83%	\$3,100,759,000	\$2,867,177,000
ALL OTHER COMMODITIES		17%	\$625,723,000	\$678,495,000
TOTAL ALL COMMODITIES		100%	\$3,726,482,000	\$3,545,672,000







# SUMMARY



CATEGORY	YEAR	HARVESTED ACRES	TOTAL VALUE*
APIARY PRODUCTS	2022		\$107,907,000
	2021		\$111,811,000
FIELD CROPS	2022	575,889	\$273,149,000
	2021	591,354	\$219,525,000
FRUIT & NUT CROPS	2022	269,520	\$962,169,000
	2021	285,114	\$1,376,029,000
LIVESTOCK & POULTRY	2022		\$584,393,000
	2021		\$503,209,000
LIVESTOCK & POULTRY PRODUCTS	2022		\$1,222,566,000
	2021		\$849,181,000
NURSERY PRODUCTS	2022	1,987	\$242,995,000
	2021	1,504	\$207,781,000
ORGANIC PRODUCTS	2022	15,456	\$81,200,000
	2021	14,418	\$69,831,000
OTHER AGRICULTURE	2022		\$35,933,000
	2021		\$31,628,000
VEGETABLE CROPS	2022	21,602	\$216,170,000
	2021	23,226	\$176,679,000
<b>GRAND TOTAL</b>	<b>2022</b>	<b>884,454</b>	<b>\$3,726,482,000</b>
	<b>2021</b>	<b>915,616</b>	<b>\$3,545,672,000</b>

\* Totals may not calculate due to rounding



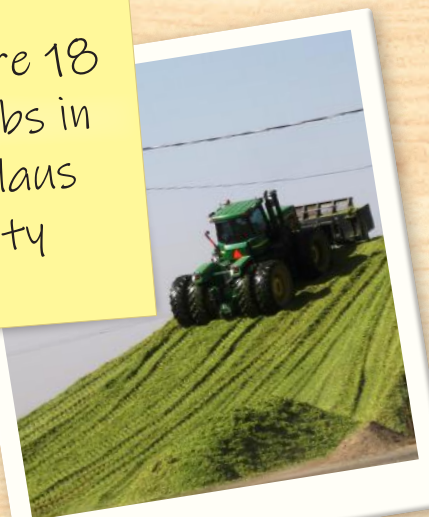
## YOUTH IN AGRICULTURE



In tandem with the rich agricultural heritage of our region, Stanislaus County boasts over 20 FFA Chapters (including one of California's originals) over a dozen 4-H Clubs, a robust Junior College School of Agriculture, Ag Ambassadorships at both Modesto Jr. College and Stanislaus State University, community gardens, longstanding garden clubs with school partnerships, and a Farm Bureau Young Farmers and Ranchers Committee. These groups remain steadfast and vital in the promotion, education and engagement of youth in agriculture. As Franklin D. Roosevelt said, "We cannot always build the future for our youth, but we can build our youth for the future."



There are 18  
4-H Clubs in  
Stanislaus  
County



## FIELD CROPS

CATEGORY	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL VALUE
Beans, Dried All	2022	2,978					\$7,001,000
	2021	4,876					\$11,183,000
Limas, All <sup>1</sup>	2022	2,770					\$6,519,000
	2021	4,535					\$10,663,000
Beans, <sup>2</sup> Dried Other	2022	208					\$482,000
	2021	49					\$67,000
Hay, All	2022	44,823					\$68,109,000
	2021	48,109					\$45,376,000
Hay, Alfalfa	2022	12,341	7.78	96,012	TON	\$360.70	\$34,632,000
	2021	13,419	7.08	95,010	TON	\$235.27	\$22,353,000
Hay, Oat	2022	23,400	4.06	95,003	TON	\$256.39	\$24,358,000
	2021	24,785	3.67	90,962	TON	\$188.57	\$17,153,000
Hay, Wheat	2022	8,374	3.61	30,230	TON	\$280.36	\$8,475,000
	2021	8,745	3.10	27,110	TON	\$183.07	\$4,963,000
Hay, Other <sup>3</sup>	2022	709					\$645,000
	2021	1,159					\$908,000
Pasture <sup>4</sup>	2022	23,111			ACRE	\$314.71	\$7,271,000
	2021	23,057			ACRE	\$294.23	\$6,784,000
Rangeland	2022	399,057			ACRE	\$34.50	\$13,767,000
	2021	400,540			ACRE	\$34.78	\$13,931,000
Seed Crops <sup>5</sup>	2022			172	ACRE		\$334,000
	2021			193	ACRE		\$305,000





## FIELD CROPS - CONTINUED

CATEGORY	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL VALUE
Silage, All	2022	103,731					\$173,025,000
	2021	112,348					\$128,631,000
Silage, Corn	2022	53,931	25.69	1,385,480	TON	\$91.41	\$126,647,000
	2021	55,664	27.27	1,517,969	TON	\$62.05	\$94,190,000
Silage, Oat	2022	9,558	15.83	151,297	TON	\$61.47	\$9,300,000
	2021	10,124	14.90	150,840	TON	\$42.77	\$6,451,000
Silage, Sorghum	2022	2,582	17.60	45,436	TON	\$77.97	\$3,543,000
	2021	2,811	17.98	50,535	TON	\$52.52	\$2,654,000
Silage, Sudangrass	2022	12,428	15.91	197,734	TON	\$55.72	\$11,018,000
	2021	13,363	16.93	226,242	TON	\$39.29	\$8,889,000
Silage, Triticale	2022	1,692	19.28	32,629	TON	\$84.88	\$2,770,000
	2021	1,894	19.40	36,751	TON	\$49.08	\$1,804,000
Silage, Wheat	2022	18,639	14.85	276,783	TON	\$63.25	\$17,507,000
	2021	19,465	15.40	299,763	TON	\$40.43	\$12,119,000
Silage, <sup>6</sup> Other	2022	4,902					\$2,241,000
	2021	9,027					\$2,523,000
Miscellaneous <sup>7</sup>	2022	2,017					\$3,641,000
	2021	2,231					\$13,315,000
<b>TOTAL</b>	<b>2022</b>	<b>575,889</b>					<b>\$273,149,000</b>
	<b>2021</b>	<b>591,354</b>					<b>\$219,525,000</b>

1 Limas, All includes: Baby, Large

2 Beans, Dried Other includes: Black-eyed (2022), Garbanzo, Unspecified

3 Hay, Other includes: Forage, Sudan

4 Pasture includes: Pasture Irrigated, Lovegrass (2022), Clover (2022)

5 Seed Crops includes: Black-eyed Bean, Lima Bean, Rice

6 Silage, Other includes: Alfalfa, Barley, Broccoli Stalks (2021), Forage, Ryegrass

7 Miscellaneous includes: Bean Straw, Corn Grain, Corn Human Consumption (2021), Corn-Sweet (2021), Industrial Hemp, Rice, Safflower, Vetch, Wheat Grain, Wheat Straw



4-H  
stands for  
Head, Heart,  
Hands, Health

## FRUIT + NUT CROPS

CATEGORY	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL VALUE
Almonds, All	2022	211,511					\$752,971,000
	2021	226,578					\$1,084,744,000
Almonds, Meat	2022	211,511	1.05	222,087	TON	\$2,969.32	\$659,447,000
	2021	226,578	1.16	262,349	TON	\$3,868.80	\$1,014,975,000
Almond, Hulls	2022			444,174	TON	\$194.55	\$86,413,000
	2021			524,698	TON	\$130.04	\$68,232,000
Almonds, Shells	2022			222,087	TON	\$32.02	\$7,111,000
	2021			262,349	TON	\$5.86	\$1,537,000
Apricots, <sup>1</sup> All	2022	1,921					\$8,973,000
	2021	2,130					\$16,283,000
Cherries, <sup>1</sup> All	2022	3,893					\$39,674,000
	2021	3,605					\$59,735,000
Wine Grapes, All	2022	7,095					\$34,536,000
	2021	7,647					\$38,233,000
Red Grapes	2022	4,363	10.82	47,212	TON	\$501.66	\$23,685,000
	2021	4,600	10.15	46,686	TON	\$494.00	\$23,063,000
White Grapes	2022	2,731	9.26	25,293	TON	\$429.03	\$10,851,000
	2021	3,047	12.10	36,872	TON	\$411.43	\$15,170,000





## FRUIT & NUT CROPS - CONTINUED

CATEGORY	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL VALUE
Olive, Oil	2022	1,272	3.88	4,929	TON	\$885.92	\$4,367,000
	2021	1,077	4.46	4,803	TON	\$728.75	\$3,500,000
Pistachio	2022	2,081	1.03	2,144	TON	\$3,977.25	\$8,526,000
	2021	1,670	1.51	2,522	TON	\$4,110.62	\$10,365,000
Peaches, All <sup>1</sup>	2022	3,586					\$43,474,000
	2021	3,387					\$31,238,000
Walnuts	2022	36,040	1.56	56,223	TON	\$760.00	\$42,729,000
	2021	36,554	1.83	66,773	TON	\$1,632.49	\$109,005,000
Miscellaneous <sup>2</sup>	2022	2,120					\$26,918,000
	2021	1,880					\$18,094,000
<b>TOTAL</b>	<b>2022</b>	<b>269,520</b>					<b>\$962,169,000</b>
	<b>2021</b>	<b>285,114</b>					<b>\$1,376,029,000</b>

<sup>1</sup> Includes: Fresh, Processing

<sup>2</sup> Miscellaneous includes: Apples, Avocados (2021), Berries (Blackberries, Blueberries, Boysenberries, Raspberries, Strawberries), Chestnuts, Citrus (Grapefruit, Lemons, Mandarins, Oranges, Pomelos) (2022), Figs, Grapes (Raisin, Table), Jujubes (2021), Kiwis, Pears, Pecans, Persimmons, Pomegranates, Quince (2021), Stone Fruit (Nectarines, Plums, Pluots, Prunes, Unspecified)



# APIARY PRODUCTS



CATEGORY	YEAR	PRODUCTION TOTAL	PRODUCTION UNITS	PER UNIT	TOTAL VALUE
Honey <sup>1</sup>	2022	6,613,252	LB	\$2.87	\$18,980,000
	2021	7,084,334	LB	\$2.65	\$18,773,000
Pollination, Almond	2022	423,023	COLONY	\$206.61	\$87,401,000
	2021	453,156	COLONY	\$201.88	\$91,483,000
Pollination, <sup>2</sup> Other	2022	12,565	COLONY		\$920,000
	2021	14,470	COLONY		\$1,108,000
Miscellaneous <sup>3</sup>	2022				\$606,000
	2021				\$447,000
<b>TOTAL</b>	<b>2022</b>				<b>\$107,907,000</b>
	<b>2021</b>				<b>\$111,811,000</b>

1 Honey includes: Resident colonies plus value of migratory colony production during almond pollination

2 Pollination, Other includes: Apple, Blueberry, Cherry, Cucumber, Melon, Pumpkin, Squash

3 Miscellaneous includes: Beeswax, Queens (2022)

# LIVESTOCK + POULTRY

CATEGORY	YEAR	NUMBER OF HEAD	TOTAL VALUE
Cattle & Calves, All <sup>1</sup>	2022	267,825	\$192,802,000
	2021	265,274	\$161,971,000
Goats, All <sup>1</sup>	2022	18,213	\$3,991,000
	2021	18,051	\$3,564,000
Poultry, All <sup>2</sup>	2022	182,388,407	\$383,168,000
	2021	187,585,560	\$334,002,000
Sheep, All <sup>1</sup>	2022	3,090	\$635,000
	2021	2,910	\$558,000
Swine	2022	23,594	\$3,797,000
	2021	22,790	\$3,114,000
<b>TOTAL</b>	<b>2022</b>		<b>\$584,393,000</b>
	<b>2021</b>		<b>\$503,209,000</b>

1 Includes: Dairy, Meat

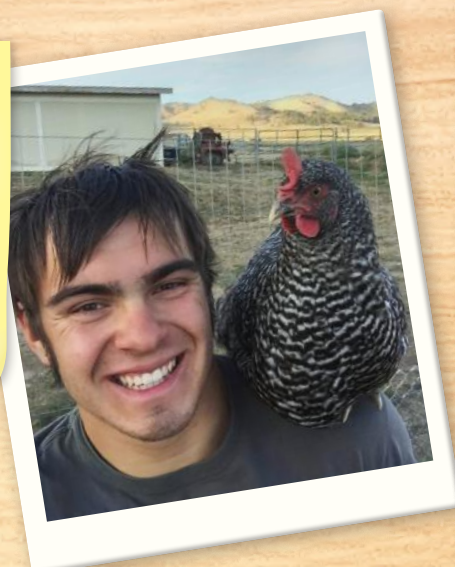
2 Poultry, All includes: Chickens, Chicks, Chukar, Pheasant, Poults, Quail, Squab, Turkeys





There are 20  
FFA chapters  
in Stanislaus  
County.

Modesto High  
FFA is the  
2nd oldest  
chapter in CA  
(Est. 1928-1929)



## LIVESTOCK + POULTRY PRODUCTS

CATEGORY	YEAR	TOTAL	UNIT	PER UNIT	TOTAL VALUE
Eggs, All <sup>1</sup>	2022	33,129,645	DOZ		\$84,198,000
	2021	NA	DOZ		\$39,840,000
Milk, All	2022	42,725,004	CWT		\$1,130,572,000
	2021	41,651,246	CWT		\$801,492,000
Milk, Cow	2022	42,633,189	CWT	\$26.40	\$1,125,516,000
	2021	41,546,548	CWT	\$19.20	\$797,694,000
Milk, Other <sup>2</sup>	2022	91,815	CWT		\$5,056,000
	2021	104,697	CWT		\$3,798,000
Manure, All <sup>3</sup>	2022	622,213	TON		\$7,778,000
	2021	945,636	TON		\$7,839,000
Wool, All <sup>4</sup>	2022	15,895	LB		\$18,000
	2021	20,699	LB		\$10,000
<b>TOTAL</b>	<b>2022</b>				<b>\$1,222,566,000</b>
	<b>2021</b>				<b>\$849,181,000</b>

\*CWT = Hundred Weight

1 Eggs, All includes: Chicken, Duck, Quail Eggs

2 Milk, Other includes: Goat, Sheep Milk

3 Manure, All includes: Chicken, Cow, Turkey

4 Wool, All includes: Alpaca Fiber, Sheep Wool





## NURSERY PRODUCTS

CATEGORY	YEAR	FIELD ACRES	UNIT SOLD	TOTAL VALUE
Fruit & Nut	2022	1,153	26,959,746	\$175,035,000
	2021	780	27,669,935	\$145,577,000
Ornamental	2022	542	2,550,935	\$42,762,000
	2021	438	2,770,099	\$39,678,000
Miscellaneous <sup>1</sup>	2022	292		\$25,198,000
	2021	286		\$22,525,000
<b>TOTAL</b>	<b>2022</b>	<b>1,987</b>		<b>\$242,995,000</b>
	<b>2021</b>	<b>1,504</b>		<b>\$207,781,000</b>

<sup>1</sup> Miscellaneous includes: Cut Flowers, Strawberry Transplants, Turf, Vegetable Transplants

## ORGANIC PRODUCTS

CATEGORY	YEAR	NUMBER OF PRODUCERS	HARVESTED ACRES	TOTAL VALUE
<b>TOTAL</b>	<b>2022</b>	<b>35</b>	<b>15,456</b>	<b>\$81,200,000</b>
	<b>2021</b>	<b>31</b>	<b>14,418</b>	<b>\$69,831,000</b>





## OTHER AGRICULTURE

CATEGORY	YEAR	TOTAL	UNIT	PER UNIT	TOTAL VALUE
Firewood, All <sup>1</sup>	2022	57,345	CORD	\$340.00	\$19,497,000
	2021	97,436	CORD	\$232.50	\$22,654,000
All Other Agriculture <sup>2</sup>	2022				\$16,435,000
	2021				\$8,974,000
<b>TOTAL</b>	<b>2022</b>				<b>\$35,933,000</b>
	<b>2021</b>				<b>\$31,628,000</b>

1 Firewood, All includes: Fruit, Nut Trees

2 All Other Agriculture includes: Aquaculture (Channel Catfish, Largemouth Bass, Silver Carp), Compost, Vermiculture, Wood Products (Mulch, Chips)

## VEGETABLE CROPS

CATEGORY	YEAR	HARVESTED ACRES	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL VALUE
Melons, All <sup>1</sup>	2022	2,247					\$22,031,000
	2021	3,458					\$28,733,000
Pumpkins	2022	324	25.00	8,091	TON	\$389.00	\$3,147,000
	2021	541	25.00	13,531	TON	\$550.00	\$7,442,000
Sweet Potatoes	2022	1,936	21.80	42,195	TON	\$665.63	\$28,086,000
	2021	2,137	16.33	34,902	TON	\$500.00	\$17,451,000
Tomatoes, All <sup>2</sup>	2022	9,998					\$53,478,000
	2021	8,165					\$34,061,000
Miscellaneous <sup>3</sup> Vegetable Crops	2022	7,097					\$109,427,000
	2021	8,925					\$88,992,000
<b>TOTAL</b>	<b>2022</b>	<b>21,602</b>					<b>\$216,170,000</b>
	<b>2021</b>	<b>23,226</b>					<b>\$176,679,000</b>

1 Melons, All includes: Cantaloupe, Hami, Honeydew, Piel de Sapo, Watermelon

2 Tomatoes, All includes: Fresh, Processing

3 Miscellaneous includes: Asparagus, Bean Succulent, Beet, Bok Choy (2021), Broccoli, Brussels Sprout, Cabbage, Carrot, Cauliflower, Celeriac (2021), Chinese Greens, Cilantro, Cole Crop, Collards, Corn (Human Consumption, Sweet) (2022), Cucumber, Daikon, Dandelion Green (2021), Dill, Edible Flower (2021), Eggplant, Endive (2022), Fava Bean, Garlic, Herb-Spice, Jicama (2022), Kale, Kohlrabi, Lettuce (Head, Leaf), Mustard Greens, Onion, Parsley (2021), Pea, Pepper, Potato, Radish, Rutabaga, Spinach, Squash, Swiss Chard, Turnip, Vegetable





The Stanislaus County 4-H program continues to build on the foundational framework for positive youth development. We provide opportunities for youth between 5 and 19 years of age to participate in programs at the community, county, state and national levels. The 4-H program has something for everyone! We look forward to welcoming new members and continuing the 4-H tradition in Stanislaus County!

## WHAT IS 4-H?

### LEARNING

Youth participate in learn-by-doing projects like raising animals, cooking, building drones and much more!

### LEADING

Growing true leaders is what 4-H is all about—youth have the opportunity to impact their community through service and responsibility.

### FUN

There are many ways to participate in 4-H: clubs, projects, camps, afterschool programs and more.

### LEARN MORE:

Stanislaus County Office

209-525-6800

<http://ucanr.edu/sites/Stanislaus4-H/>  
[uccestanislaus@ucanr.edu](mailto:uccestanislaus@ucanr.edu)



**UNIVERSITY OF CALIFORNIA**  
Agriculture and Natural Resources

## HOW TO JOIN 4-H

### FIND A CLUB

With clubs across Stanislaus County, it is easy to find a local club to join. Once you choose a community club, contact the county office or club leader to learn how to enroll in the 4-H program.

### PICK A PROJECT

There are many activities in 4-H. Here are just a few examples:

- Archery
- Arts and Crafts
- Computer Coding
- Cooking and Baking
- Gardening
- Goats
- Horses
- Outdoor Adventures (Camp, Hiking, etc.)
- Photography
- Public Speaking
- Rabbits
- Shooting Sports
- Sign Language
- Woodworking

### PARTICIPATE IN EVENTS

Whether you're looking for things to do locally, regionally, or nationally, 4-H has you covered! Stanislaus County holds events throughout the year like Presentation Day (public speaking), Favorite Foods Day (cooking) and of course activities at the County Fair. There are also opportunities to join events throughout California and across America, including leadership conferences and citizenship weekends.

### MAKE FRIENDS

One of the best parts of joining 4-H is making new friends, or discovering passions with your old friends—just ask them to join 4-H with you!





# FFA

I believe in the future of agriculture.



## THE INTEGRATED THREE-COMPONENT MODEL OF AGRICULTURAL EDUCATION



Unique among educational programs, agricultural education consists of a three-component learning model designed to engage and educate all types of students.

- Classroom/Laboratory Instruction: contextual learning
- Supervised Agricultural Experience (SAE) Programs: work based learning
- FFA: student leadership organization

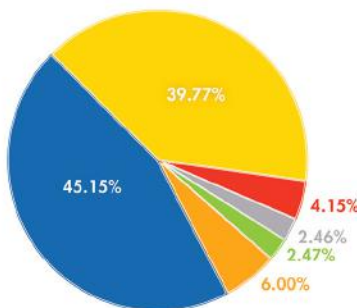
California's school-based agricultural education program seeks to prepare all students for satisfying careers in and outside of the agriculture industry. The multi-faceted approach to growing the whole person includes a focus on character and interpersonal skill development, technical acumen, and critical thinking capabilities.

## THE SEVEN INDUSTRY PATHWAYS WITHIN CALIFORNIA AG EDUCATION

- Agricultural Business
- Agricultural Mechanics
- Ornamental Horticulture
- Forestry and Natural Resources
- Plant and Soil Science
- Animal Science
- Agriscience

## 2021-22 CALIFORNIA FFA MEMBER DEMOGRAPHICS

STUDENT ETHNICITY



**98,912**  
FFA members

**356**  
Active Chapters

### HOW TO JOIN

To join FFA, you must be enrolled in an agriculture course at your school. Contact your school counselor or agriculture teacher to enroll in an agricultural education program and join FFA.

### WANT TO LEARN MORE?

California FFA - [www.calaged.org](http://www.calaged.org) | National FFA - [www.ffa.org](http://www.ffa.org)

Source: California FFA Foundation



# AT THE FAIR WITH ANNA

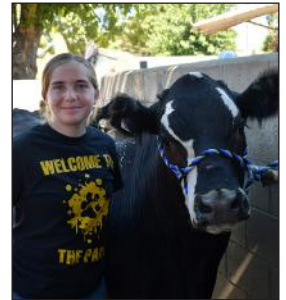


**Jody Lionudakis**  
Westport 4-H  
Beef & Rabbit Projects  
6th grade

The favorite part of her project has been raising her steer from a calf.

**Rowin Reisz**  
Hughson 4-H  
Beef Project  
7th grade

Has loved getting to know her steer, Carl Wayne, and what he likes.



**Deagan Homen**  
Chatom 4-H  
Breeding & Meat Goat Projects  
7th grade

Proudest moment at fair was winning a champion ribbon with her breeding project.



**Abigail Contreras**  
Grace Davis FFA  
Meat Goat Project  
Sophomore

Loved bonding and raising her goat, Flynn, and showing in the ring.



**Ashlyn Machado**  
Waterford FFA  
Beef Project  
Sophomore at MJC

Working on the Beef and Equine Units with plans to transfer to Oklahoma to study animal nutrition.

**Gianna Genasci**  
Modesto FFA  
Market Lamb Project  
Junior

Has shown since age nine. This year had Champion Middle Weight Lamb, Choppa.



**Elexi Pulido**  
Pitman FFA  
Swine Project  
Junior

She saved up to be able to purchase her first pig this year. Most memorable moments: "Spending time with my animal."



**Allison Moring**  
Hughson FFA  
Swine Project  
Junior

Enjoyed showing pigs in the ring. Her pig, Brandi, won second in her class at fair.



Interviews conducted by Anna Genasci at the 2023 Stanislaus County Fair. Anna is the Communication & Education Director for Stanislaus County Farm Bureau.

**Joshua Ludwig**  
Central Valley FFA  
Beef & Swine Projects  
Senior

Has shown since the age of nine. Looking forward to attending the Fire Safety Program at MJC soon.





# YOUNG FARMERS & RANCHERS

## WHY JOIN?

As a member of the California Farm Bureau and American Farm Bureau Federation, you are a part of an organization that advocates and works with all levels of government to protect your rights as farmers, ranchers and landowners.



### OPPORTUNITIES

Attend seminars and trainings that help you learn more about the industry, all while meeting other people who share similar interests.



### LEADERSHIP DEVELOPMENT

Listen to professional presenters speak about current issues in the industry and learn the latest techniques in management and professional development.



### SOCIAL ACTIVITIES

Meet new people that share the same challenges and lifestyle as you and connect with various people in the industry. Network within the industry and have fun while doing it!

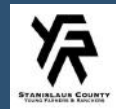


**Contact Information:** Abi Fair- Membership Coordinator

Phone number: (209) 522-7278

Email: [abid@stanfarmbureau.org](mailto:abid@stanfarmbureau.org)

Facebook: Stanislaus Young Farmers & Ranchers



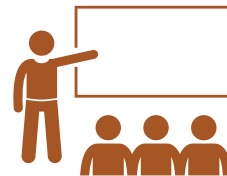
## WHAT TO EXPECT WHEN YOU GET INVOLVED IN YF&R:

### SOCIAL EVENTS



Join us at a variety of different social events including our annual Luau and Christmas Party!

### INFORMATIONAL MEETINGS



Members get the opportunity to learn from various industry leaders on relevant topics.

### COMMUNITY SERVICE



We enjoy giving back to our community through service projects like Adopt a Family.

### LIFELONG FRIENDS



Connect with people who have similar interests as you and develop lifelong friends.

For the **good** of your food.

# PEST PREVENTION

The California Food and Agricultural Code mandates programs to prevent the introduction and spread of pests in California. Most efforts focus on Pest Exclusion and Pest Detection, a multipronged, proactive approach to protect California's food supply from devastating impacts of exotic pests. Ensuring and maintaining freedom from economically detrimental pests such as Mediterranean Fruit Fly, Spongy Moth, and Sudden Oak Death, supports and facilitates trade of locally produced commodities. Early detection eliminates pesticide applications to control establishing pests, protecting natural resources and the environment.

## PEST EXCLUSION

In many instances, Pest Exclusion is the first, last, and only means to keep exotic pests out of California. Agricultural Inspectors conduct commodity inspections at truck, nursery, market, field production, and commercial parcel carrier facilities throughout Stanislaus County to ensure compliance with established quarantines and intercept hitchhiking pests on shipments. When agricultural pests or diseases of concern are discovered, immediate quarantine action may be taken to eliminate or limit the pest from spreading.

INSPECTION TYPE	INSPECTION VISITS	SHIPMENTS INSPECTED
Parcel Terminals (FedEx, UPS, Amazon)	283	2,897
Interstate Apiary Shipments	259	670
Seed Shipments	15	25
Intrastate Quarantine Nursery ("Blue-Tag") Shipments	297	376
Quarantined Interstate Plant & Plant Material Shipments	336	350
Sudden Oak Death	6	3
<b>TOTAL</b>	<b>1196</b>	<b>4,321</b>

2022 TARGET INSECTS	TRAPS DEPLOYED	INSPECTION VISITS	PROPERTIES TRAPPED
Mediterranean Fruit Fly Jackson Trap	428	5,356	2,140
Mediterranean Fruit Fly Champ Trap	95	570	475
Mexican Fruit Fly	220	5,424	660
Oriental Fruit Fly	428	5,350	2,140
Melon Fruit Fly	220	2,565	660
Spongy Moth	204	1,486	204
Japanese Beetle	204	1,483	204
Apple Maggot	20	238	4
European Corn Borer	8	104	8
Khapra Beetle	152	795	33
Vine Mealybug	18	108	5
European Grapevine Moth	202	2,051	36
Asian Citrus Psyllid	509	7,298	2,633
Glassy-Winged Sharpshooter	1,888	25,798	2,651
<b>TOTALS</b>	<b>4,596</b>	<b>58,626</b>	<b>11,853</b>

## PEST DETECTION

Pest Detection is the second line of defense to prevent the introduction and establishment of detrimental, non-native agricultural and environmental pests through early detection and prompt eradication. Annually, the Agricultural Commissioner's Office deploys, maintains, and inspects a county-wide network of traps that target a variety of significant agricultural and environmental pests of concern.



Mediterranean Fruit Fly



Melon Fruit Fly



Japanese Beetle



<https://www.stanag.org/pest-detection.shtm>

*Images not to scale.*



# EXPORTS

## What is a Phytosanitary Certificate?

Many countries and states importing ag products require commodities be free from harmful plants, pests, and/or diseases. The Commissioner's office is responsible for performing inspections confirming commodity cleanliness before shipping.

In **2022**, **13,120** Certificates Were Issued to **103** Countries & **24** U.S. States

## INTERNATIONAL

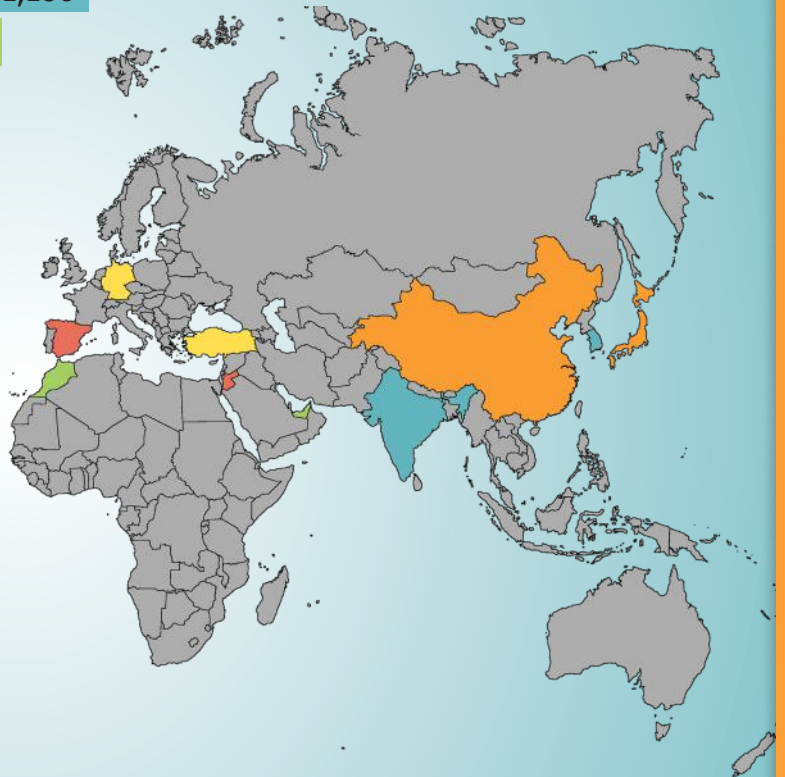
**58%** of International Certificates Were for **10** Countries

Republic of Korea	1,186
United Arab Emirates	1,046
Republic of Türkiye	1,032
Japan	828
Spain	769
India	685
Morocco	578
Germany	571
China	558
Jordan	356

**TOTAL TOP TEN COUNTRIES - 7,609**

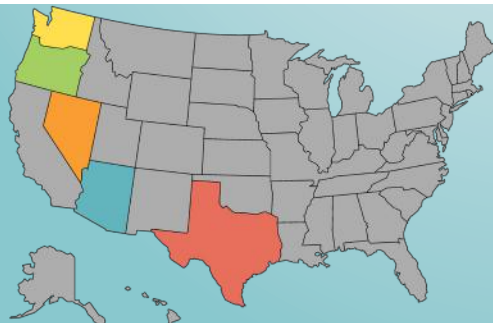
**86%** of International Certificates Were for **3** Commodities

Almond	49%
Walnut	22%
Seed	15%
All Other	14%



## DOMESTIC

**78%** of Domestic Certificates Were for **5** U.S. States



Arizona	91
Oregon	50
Washington	40
Nevada	16
TX	9

**TOTAL TOP FIVE STATES - 206**

**99%** of Domestic Certificates Were for **Nursery Stock**

# WEIGHTS + MEASURES

The Weights and Measures division serves the people of Stanislaus County by aggressively preserving and defending the measurement standards essential in providing citizens a basis of value comparison and fair competition in the marketplace.

## DEVICES

Ensuring market fairness, inspectors annually test devices weighing or measuring product for commercial sale. Examples include farmer's market scales, vehicle & livestock scales, fuel dispensers and grocery register scales.

**6,306** Measuring devices inspected

**2,638** Weighing devices inspected

## WEIGHMASTER

Assure the accuracy of commercial transactions for those licensed to weigh, measure or count a commodity recorded on a Weighmaster Certificate, often when purchaser and/or seller is not present.

**195** Locations in Stanislaus County with a Weighmaster License

## SERVICE AGENTS

Inspectors check that when commercial weighing or measuring device are sold, rented, installed, serviced, or repaired by a licensed agency that work done leaves devices functioning accurately and are being used appropriately.

**3,370** Service Agents statewide

**486** Service Agencies statewide  
(can work in any county)

**9** Service Agencies located in Stanislaus County



## PETROLEUM

Inspectors educate and enforce fuel quality, labeling and advertising requirements at fuel service stations countywide.

**96%** of fuel service stations audited for labeling and advertising requirements

**97%** Gas pumps in compliance for delivery at annual inspection



## QUANTITY CONTROL

Inspectors check price accuracy at checkouts and that packaged goods are labeled with accurate weight, measure, or count.

**22** Test purchases for quantity

**14** Sales price reports for pricing accuracy

**Resolved 54 purchase complaints**

**27** Devices (measuring or weighing)

**13** Petroleum (pricing and labeling)

**14** Quantity or Price





# AG FACTS

## Stanislaus County Rank in State Ag Production

**1st** In Squab

**2nd** In Almonds, Apiary, Apricots, Cherries, Other Eggs, & Sweet Potatoes

**3rd** In Corn & Cow Milk

**4th** In Horticulture, Chicken Eggs, Peaches, Pasture, & Misc. Silage

**5th** In Wheat

**6th** Stanislaus County Ranks #6 out of **58** California Counties in agriculture production.

Source: California Department of Food & Agriculture  
California Agricultural Statistics Review 2021-2022

## Stanislaus County Farm Highlights



We have **6,374** producers operating **3,621** farms covering **722,546** acres.

There are **510** producers under the age of **35** operating **111,160** acres.



**410** of our farms have a producer under the age of **35**.

There are **1,439** new or beginning farmers operating **124,447** acres.



We have **998** farms operated by a new or beginning farmer.

Source: 2017 Census of Agriculture

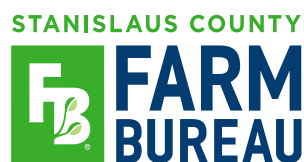
Note: The Agriculture Census is conducted every five years.

## U.S. STATE Ag Values Compared to Stanislaus COUNTY Ag Values

Stanislaus County Ranks Higher Than 18 US States

1	California	51,290,214,000
2	Iowa	34,917,530,000
3	Nebraska	26,529,508,000
4	Texas	24,785,523,000
5	Minnesota	21,822,631,000
6	Illinois	21,700,564,000
7	Kansas	21,300,135,000
8	Indiana	14,213,689,000
9	North Carolina	13,389,587,000
10	Wisconsin	12,824,537,000
11	Missouri	12,251,892,000
12	South Dakota	11,886,704,000
13	Ohio	10,985,796,000
14	Arkansas	10,396,021,000
15	Washington	10,137,150,000
16	Georgia	9,553,253,000
17	Michigan	9,548,797,000
18	North Dakota	9,066,078,000
19	Idaho	8,577,985,000
20	Colorado	8,320,265,000
21	Florida	7,748,522,000
22	Oklahoma	7,685,923,000
23	Pennsylvania	7,418,591,000
24	Kentucky	6,908,118,000
25	Mississippi	6,144,139,000
26	Alabama	6,005,669,000
27	New York	5,903,803,000
28	Oregon	5,544,788,000
29	Tennessee	4,402,102,000
30	Montana	4,176,854,000
31	Arizona	3,992,944,000
32	Virginia	3,824,723,000
<b>Stanislaus County</b>		<b>3,726,482,000</b>
33	Louisiana	3,650,736,000
34	New Mexico	3,172,992,000
35	South Carolina	2,722,721,000
36	Maryland	2,503,486,000
37	Utah	1,989,907,000
38	Wyoming	1,745,482,000
39	New Jersey	1,371,319,000
40	Delaware	1,329,632,000
41	Vermont	788,552,000
42	Maine	786,997,000
43	Nevada	775,030,000
44	West Virginia	695,416,000
45	Hawaii	593,191,000
46	Connecticut	589,513,000
47	Massachusetts	494,963,000
48	New Hampshire	189,081,000
49	Rhode Island	64,873,000
50	Alaska	43,838,000

Source: United States Department of Agriculture Economic Research Service 2021 Farm Income and Wealth Statistics



## FARM WORKER OF THE YEAR 2022 JORGE ANGUIANO, BAYS RANCH

What began during the pandemic as a way to honor those that provide essential work in agriculture, the Farmworker of the Year award added another stand out recipient in 2022. Sponsored by Modesto Rotary, Stanislaus County Farm Bureau and AgSafe, the \$1,500 prize was awarded to Jorge Anguiano, Farm Manager at Bays Ranch on the West side of Stanislaus County.

Nominated by his employer for his positive attitude and problem solving skills, Anguiano plays an important role in labor and irrigation management on the ranch. Despite having worked for the Bays family for over 34 years, Anguiano continues to have a passion for lifelong learning in his field of work.



Jorge Anguiano with Employer Daniel Bays



Jorge Anguiano with Family

### ADDITIONAL AWARD RECOGNITIONS:

Gold Award, \$1,000: Jose Franco, herd manager at JNM Dairy, west of Modesto.

Silver Award, \$750: Arthur Alves, Inderbitzen Dairy, west of Modesto.

Excellence Award, \$250: Jose Ceja, Triple C Farms, an almond grower east of Denair.

Excellence Award, \$250: Jose Morales, Gold Leaf Farms, an almond grower east of Modesto.



## NATIONAL AG SCIENCE CENTER HALL OF FAME 2022, SILVER JUBILEE

The National Ag Science Center celebrated a capstone moment in 2022, 25 years of recognizing, "local businesses, individuals and institutions that produce, market and support the agricultural community as well as pave the way and inspire the next generation of ag leaders," as put by Interim Director, Kelsey Acuna.

The Ag Science Center's 25-year Silver Jubilee marks the ending of an era, as the center closed its doors in June of 2023. The center began in 1996 with a goal of building an immersive Ag learning museum at Modesto Jr. College's future west campus agriculture facility. Although the museum never came to fruition, the center's travelling Ag In Motion hands-on learning center visited a multitude of junior high schools across the state. Offering lesson plans and information on how to incorporate agriculture into classroom instruction across K-12th grades. Although the center is discontinuing, its legacy will live on through assets donated to the Modesto Junior College and Stanislaus Community Foundations.



# FARM BUREAU DISTINGUISHED SERVICE AWARD 2022

## PAST SCFB PRESIDENTS PETE VERBURG & DON MORELLI

The two recipients of the Stanislaus County Farm Bureau Distinguished Service Award are a testament to a lifelong commitment to advocating for agriculture. Stanislaus County Farm Bureau Past Presidents Pete Verburg and Don Morelli have dedicated much of their careers, and many hours of time in general, to speaking up and teaching others about the importance of Agriculture.

**Pete Verburg** - The Verburg family has been in the dairy industry for generations. Pete Verburg immigrated to the United States from Holland with his family in the early 1950's and settled in California. First in the Los Angeles area before finally settling in Modesto. With the encouragement of his friends and neighbors, Pete was elected to the Farm Bureau Board as a North West Director, the youngest director on the board at the time. Self-proclaimed as vocal and enjoying new challenges and ideas, Pete served many years as an activist for agriculture in Stanislaus County. His tenure with Stanislaus Farm Bureau oversaw moving the location to a larger building on L Street in Modesto, negotiations during peach labor strikes as well as serving on several boards at a statewide level.



Peter Verberg & Don Morelli



**Don Morelli** - "God didn't put me here to waste time. I make it a goal to accomplish something daily," says Don Morelli. In addition to past president of the Stanislaus County Farm Bureau, Morelli's titles include dairyman, author, pilot, Ag-vocate, veteran, board member, community servant, tool refurbisher and grandfather. During his tenure at the helm of the Farm Bureau in the 1980's, Morelli quickly learned that unity and clarity in messaging are vital to success for agriculture. "We can't be asleep at the wheel. People should know that we work everyday and we're proud of what we do," says Morelli.

# THANK YOU

We appreciate the immeasurable physical and economic contributions our agricultural producers and industries provide to our county, the state, and the world—because of these contributions we feel honored to publish annual crop and livestock reports.

Much appreciation to our staff members Melissa Lovett, Cari Baughman, Amy Lomeli, and Cassy Costa for their dedication in compiling, reviewing, creating, and publishing this report. Their photos are below as past Youth in Ag.

We must also acknowledge our outside partners for nonstatistical content. Stanislaus Farm Bureau Communication and Education Director, Anna Genasci, for articles and photographs. The University of California Cooperative Extension of Stanislaus County for articles and information. Katy Teixeira for the design of the FFA page.

Many thanks to all who made this report possible.





