



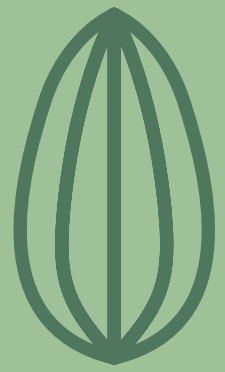
SAN JOAQUIN COUNTY



2022 CROP REPORT

FARM TO FORK





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Karen Ross, Secretary

California Department of Food and Agriculture, and

The Honorable Board of Supervisors, San Joaquin County

District 1



Miguel Villapudua
(Vice-Chair)

District 2



Paul Canepa

District 3



Tom Patti

District 4



Steven J. Ding

District 5



Robert Rickman
(Chair)

Dear Secretary and Board Members:

In accordance with Section 2272 and Section 2279 of the California Food and Agricultural Code, I am pleased to present the eighty-ninth Annual Report of San Joaquin County's Agricultural Production.

The 2022 San Joaquin County's gross agricultural production values totaled \$3,244,671,000. This represents an increase of 1.61% from the 2021 total value of \$3,193,234,000. The figures represents gross values of agricultural commodities rather than net returns to the grower.

Milk, was San Joaquin County's number one leading commodity with a total value of \$626,472,000. This represents an increase of 40.50% from 2021 due to increase in prices as provided by Federal Milk Marketing Orders. Grapes moved up to number two position with gross production value of \$421,061,000 representing 12.98% of the total agricultural production. Almonds dropped to a number three position due to decrease in prices and a slight decrease in production per acre, totaling \$397,177,000. Cherry production showed increase due to increase in pricing and moved up to number four position. Walnuts production values decreased 34.27% due to significant decline in walnut prices, moving it down to number six position. Hay production values increased 65.15% over 2021 values due to Drought. Corn Silage made it to number ten position in the top ten-commodity chart with a total value of \$88,286,000.

Other commodity groups that manifested gains include Nursery Products by 2.20% because of overall increase in production; Apiary Products increased 5.30% due to higher Honey production and price values and Livestock & Poultry saw 15.08% increase because of higher price values for Cattle & Calves, Turkeys, Sheep and Lambs. The Vegetable commodity group also saw an increase of 8.60% owing to significant increase in acreage, yields & pricing for Garlic, Peppers and Tomatoes.

The values herein are estimates based on the most common method of sale for the individual commodity, except for fresh fruits and vegetables where the value is based on the Free on Board (F.O.B.) packed price at the shipping point.

I wish to express my gratitude to all who cooperated in providing data for this report, including our agricultural producers, industry representatives and other public agencies. A special Thank You to Ethan Niemeyer, University of the Pacific student and Camille Tanega, San Joaquin Delta College student for their help to create this year's layout. I would also like to express my sincere thanks to the Agricultural Commissioners staff, especially Agricultural Biologist/ Standards Inspector Israel Arambula for all the hard work and diligence in compiling the necessary information that made this report possible.

Respectfully submitted,

Kamaljit Bagri

San Joaquin County
Agricultural Commissioner/Sealer of Weights & Measures

Farm To Fork

Farm to Fork is a food industry movement focusing on transparency and sustainability. It aims to shorten the supply chain, connecting farmers directly with consumers. By prioritizing local, seasonal, and organic produce, it reduces carbon footprints and supports local economies. The movement manifests in various ways, such as farmers markets, community supported agriculture (CSA) programs, and farm-to-table restaurants. These initiatives engage consumers in understanding the journey of their food, fostering greater appreciation for its production and environmental well-being. In summary, Farm to Fork is a transformative movement that reconnects people with the sources of their food. By prioritizing local and sustainable practices, it creates a more resilient and responsible food system, benefiting both individuals and the planet.

CDFA FARM TO FORK PROGRAMS:

HEALTHY REFRIGERATION GRANT PROGRAM

The Healthy Refrigeration Grant Program (HRGP) funds energy efficient refrigeration units in corner stores, small businesses, and food donation programs in low-income or low-access areas throughout the state to stock California-grown fresh produce, nuts, dairy, meat, eggs, minimally processed, and culturally appropriate foods.

NUTRITION INCENTIVE PROGRAM

The California Nutrition Incentive Program (CNIP) encourages the purchase and consumption of healthy, California-grown fresh fruits, vegetables, and nuts by nutrition benefit clients. The program provides monetary incentives for the purchase of California grown fruits and vegetables at Certified Farmers Markets and small businesses.

FARM TO SCHOOL PROGRAM

California schools serve hundreds of millions of meals each year, and expanding opportunities for local food procurement that is tied to food-based education is essential for establishing healthy eating habits that children can carry into adulthood.

FARM TO COMMUNITY FOOD PROGRAM

CDFA's Farm to Community Food Hubs Program was established to pilot investments in food aggregation and distribution infrastructure needed to increase purchasing of local, environmentally sustainable, climate smart, and equitably produced food by schools and other institutions.

URBAN AGRICULTURE GRANT PROGRAM

The California Department of Food and Agriculture's (CDFA) Urban Agriculture Grant Program (UAGP) is a one-time only, competitive grant that will fund programs and projects that enhance the viability of urban agriculture in urban areas across the state of CA.

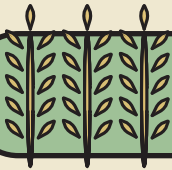
For more information on CDFA Farm To Fork Programs please visit cafarmtofork.cdfa.ca.gov

FARMING



The process begins on the farm, where farmers cultivate crops and raise livestock within the community or nearby regions. They focus on sustainable and environmentally friendly practices, connecting directly with consumers who live in the same area.

HARVESTING



Locally grown crops and raised animals are carefully harvested at their peak ripeness and readiness. Since they don't need to undergo long-distance transportation, these fresh and flavorful ingredients maintain their natural goodness.

PROCESSING



After harvesting, the food undergoes minimal processing, preserving its natural qualities. Local food processors and artisans may transform raw ingredients into value-added products while using eco-friendly packaging options.

DISTRIBUTION



With a shorter supply chain, the distribution of food products is more efficient and has a reduced environmental impact. Local farmers and producers directly supply nearby markets, grocery stores, restaurants, and community supported agriculture programs.

ENJOYMENT



Finally the locally sourced and produced food reaches consumers within the same community. People can enjoy nourishing meals made from fresh, sustainable ingredients, supporting local businesses and building a stronger sense of community through their food choices.

Top 10 Commodities

#1 MILK



2022: \$626,472,000

2021: \$445,621,000

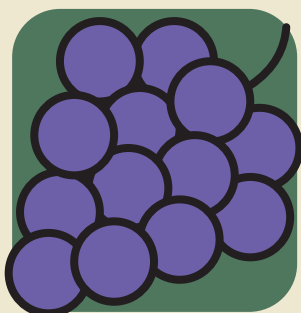
2022 TOTALS:

\$2,563,755,000

2021 TOTALS:

\$2,538,634,000

#2 GRAPES



2022: \$421,061,000

2021: \$428,359,000

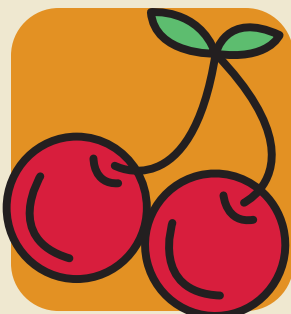
#3 ALMONDS



2022: \$397,177,000

2021: \$453,764,000

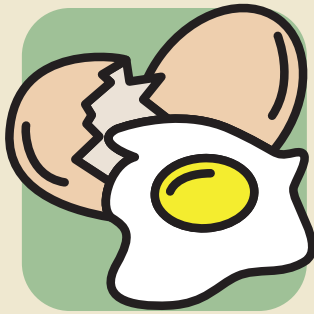
#4 CHERRIES



2022: \$279,998,000

2021: \$319,989,000

#5 EGGS, CHICKEN ALL



2022: \$174,580,000

2021: \$207,583,000

#6 WALNUTS



2022: \$145,997,000

2021: \$367,825,000

#7 CATTLE & CALVES



2022: \$128,954,000

2021: \$111,616,000

#8 TOMATOES, ALL



2022: \$114,174,000

2021: \$70,980,000

#9 HAY, ALL



2022: \$113,322,000

2021: \$68,617,000

#10 CORN, SILAGE



2022: \$88,286,000

2021: \$53,295,000

Fruit & Nut Crops

| PRODUCTION | | | | | GROSS VALUE | | | |
|--------------------|------|-----------------|----------|---------|-------------|------------|---------------|---------------|
| CROP | YEAR | BEARING ACREAGE | PER ACRE | TOTAL | UNIT | PER UNIT | SUBTOTAL | TOTAL |
| ALMOND, MEATS | 2022 | 115,500 | 1.05 | 120,900 | TON | \$3,280.00 | | \$397,177,000 |
| | 2021 | 109,200 | 1.15 | 125,600 | TON | \$3,610.00 | | \$453,764,000 |
| ALMOND, HULLS | 2022 | | | 242,000 | TON | \$213.00 | | \$51,521,000 |
| | 2021 | | | 251,000 | TON | \$130.00 | | \$32,666,000 |
| ALMOND SHELLS | 2022 | | | 120,900 | TON | \$37.00 | | \$4,478,000 |
| | 2021 | | | 125,600 | TON | \$4.30 | | \$534,000 |
| APPLES, ALL | 2022 | 1,430 | 16.80 | 24,000 | TON | \$558.00 | | \$13,424,000 |
| | 2021 | 1,730 | 23.90 | 41,300 | TON | \$348.00 | | \$14,356,000 |
| FRESH | 2022 | | | 15,600 | TON | \$778.00 | \$12,161,000 | |
| | 2021 | | | 41,300 | TON | \$348.00 | \$14,356,000 | |
| PROCESSING | 2022 | | | 8,400 | TON | \$150.00 | \$1,262,000 | |
| | 2021 | | | 14,400 | TON | \$150.00 | \$2,167,000 | |
| APRICOTS | 2022 | 592 | 2.70 | 1,600 | TON | \$700.00 | | \$1,118,000 |
| | 2021 | 591 | 4.50 | 2,660 | TON | \$971.00 | | \$2,585,000 |
| BLUEBERRIES | 2022 | 2,510 | 4.00 | 11,700 | TON | \$5,500.00 | | \$64,350,000 |
| | 2021 | 2,320 | 5.03 | 11,700 | TON | \$5,210.00 | | \$60,990,000 |
| CHERRIES, ALL | 2022 | 20,900 | 2.60 | 54,400 | TON | \$5,150.00 | | \$279,998,000 |
| | 2021 | 20,400 | 4.01 | 81,900 | TON | \$3,910.00 | | \$319,989,000 |
| FRESH | 2022 | | | 41,300 | TON | \$4,840.00 | \$200,071,000 | |
| | 2021 | | | 65,100 | TON | \$3,970.00 | \$258,490,000 | |
| PROCESSING | 2022 | | | 14,800 | TON | \$6,117.00 | \$79,928,000 | |
| | 2021 | | | 16,800 | TON | \$3,663.00 | \$61,499,000 | |
| GRAPES, ALL | 2022 | 87,800 | 7.46 | 655,000 | TON | \$643.00 | | \$421,061,000 |
| | 2021 | 88,700 | 7.75 | 687,000 | TON | \$624.00 | | \$428,359,000 |
| OLIVES, PROCESSING | 2022 | 5,090 | 2.38 | 12,100 | TON | \$846.00 | | \$10,267,000 |
| | 2021 | 5,180 | 3.50 | 18,100 | TON | \$704.00 | | \$12,752,000 |
| PEACHES, ALL | 2022 | 1,580 | 15.78 | 29,100 | TON | \$590.00 | | \$17,155,000 |
| | 2021 | 1,610 | 14.48 | 23,500 | TON | \$481.00 | | \$11,289,000 |
| CLINGSTONE | 2022 | 1,030 | 17.29 | 17,800 | TON | \$613.00 | \$10,894,000 | |
| | 2021 | 1,050 | 11.58 | 12,200 | TON | \$516.00 | \$6,273,000 | |
| FREESTONE | 2022 | 553 | 12.98 | 11,300 | TON | \$554.00 | \$6,260,000 | |
| | 2021 | 565 | 19.86 | 11,300 | TON | \$444.00 | \$5,016,000 | |
| PEARS | 2022 | 61 | 14.83 | 910 | TON | \$578.00 | | \$524,000 |
| | 2021 | 101 | 15.60 | 1,580 | TON | \$565.00 | | \$892,000 |
| PISTACHIO | 2022 | 1,126 | 2.8 | 3160 | TON | \$4,267.00 | | \$13,463,000 |
| | 2021 | 911 | 2.04 | 1860 | TON | \$4,500.00 | | \$8,364,000 |

| PRODUCTION | | | | | GROSS VALUE | | | |
|------------------|------|-----------------|----------|---------|-------------|------------|----------|-----------------|
| CROP | YEAR | BEARING ACREAGE | PER ACRE | TOTAL | UNIT | PER UNIT | SUBTOTAL | TOTAL |
| WALNUTS, ENGLISH | 2022 | 74,500 | 2.45 | 192,000 | TON | \$800.00 | | \$145,997,000 |
| | 2021 | 75,700 | 2.45 | 186,000 | TON | \$1,980.00 | | \$367,825,000 |
| MISCELLANEOUS | 2022 | 950 | | | | | | \$6,354,000 |
| | 2021 | 910 | | | | | | \$5,236,000 |
| TOTAL | 2022 | 311,000 | | | | | | \$1,430,224,000 |
| | 2021 | 306,000 | | | | | | \$1,726,962,000 |

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

The Edible Schoolyard Project

The Edible Schoolyard Project is a non-profit organization that believes in the power of healthy food and food education. Led by Program Director Nick Lee and Farm Manager Aubrey Kimball, this vibrant movement is creating waves of positive change and bringing people closer together. For almost four years now, Edible School Yard Project Stockton has been on a mission to change the way we think about food. Nick and Aubrey pour their hearts into the program, aiming to connect individuals and schools with fresh produce and immersive field trips. Through meaningful partnerships they are making a lasting impact on their community.

Nurturing Community Wellness with Food Education



ESY provides educational field trips that align with the farm-to-fork approach, emphasizing a direct connection between food production and consumption. Children journey on these trips where they get their hands dirty, planting seeds, harvesting crops, and even cook their own meals. It's a journey that not only teaches them about healthy eating, but also fosters a deep appreciation for the food we grow.

In addition to their other programs, The Edible Schoolyard Project operates as a Community Supported Agriculture (CSA), distributing local organic produce to our. Their program displays a dedication to connecting the community with local produce, promoting a sense of support and sustainable agricultural practices. With hands-on experiences and outreach efforts, The Edible Schoolyard Project continues to nurture a healthier and more connected community. Every Wednesday from 10am to noon, you can stop by the farm to pick up a free bag of delicious fruits and vegetables. For more information, reach out to CSA Coordinator Nicole Lewis at Nicole@edibleschoolyard.org.

Photo Courtesy of Pauline Chatelan. To learn more about The Edible Schoolyard Project, please visit their website at: edibleschoolyard.org/esy-stockton. You can also stay updated by following them on instagram @edibleschoolyardstockton.

Vegetable Crops

| CROP | PRODUCTION | | | | GROSS VALUE | | | |
|---------------|------------|----------------------|----------|---------|-------------|----------|--------------|---------------|
| | YEAR | HARVESTED ACREAGE | PER ACRE | TOTAL | UNIT | PER UNIT | SUBTOTAL | TOTAL |
| CARROTS | 2022 | 1,350 | 17.50 | 23,700 | | \$205.00 | | \$4,858,000 |
| | 2021 | 1,110 | 15.32 | 17,000 | | \$885.00 | | \$15,083,000 |
| CORN, SWEET | 2022 | 4,340 | 4.90 | 21,300 | TON | \$225.00 | | \$4,786,000 |
| | 2021 | 3,600 | 4.50 | 16,200 | TON | \$220.00 | | \$3,560,000 |
| CUCUMBERS | 2022 | 3,870 | 6.98 | 27,000 | TON | \$289.00 | | \$7,809,000 |
| | 2021 | 3,310 | 8.40 | 27,800 | TON | \$293.00 | | \$8,153,000 |
| GARLIC | 2022 | 3,480 | 7.72 | 26,800 | TON | \$653.00 | | \$17,514,000 |
| | 2021 | 3,910 | 4.72 | 18,400 | TON | \$542.00 | | \$9,977,000 |
| MELONS, ALL | 2022 | 2,770 | 34.27 | 94,900 | TON | \$400.00 | | \$36,144,000 |
| | 2021 | 3,250 | 36.77 | 119,600 | TON | \$337.00 | | \$39,580,000 |
| WATERMELON | 2022 | 2,030 | 39.53 | 80,100 | TON | \$427.00 | \$34,218,000 | |
| | 2021 | 2,170 | 45.21 | 98,200 | TON | \$381.00 | \$37,381,000 | |
| OTHER | 2022 | 744 | 19.92 | 21,400 | TON | \$253.00 | \$1,927,000 | |
| | 2021 | 1,080 | 19.80 | 21,400 | TON | \$135.00 | \$2,200,000 | |
| ONIONS | 2022 | 2,260 | 20.35 | 45,900 | TON | \$202.00 | | \$9,281,000 |
| | 2021 | 1,710 | 23.21 | 39,600 | TON | \$239.00 | | \$9,461,000 |
| PEPPERS | 2022 | 430 | 15.75 | 6,760 | TON | \$495.00 | | \$3,347,000 |
| | 2021 | 170 | 15.50 | 2,690 | TON | \$478.00 | | \$1,285,000 |
| POTATOES | 2022 | 3,170 | 20.00 | 63,400 | TON | \$986.00 | | \$62,493,000 |
| | 2021 | 4,150 | 25.80 | 107,100 | TON | \$600.00 | | \$64,280,000 |
| PUMPKINS | 2022 | 2,520 | 23.00 | 57,900 | TON | \$300.00 | | \$17,374,000 |
| | 2021 | 2,250 | 24.24 | 54,500 | TON | \$516.00 | | \$28,152,000 |
| SQUASH | 2022 | 1,750 | 18.25 | 32,000 | TON | \$251.00 | | \$8,030,000 |
| | 2021 | 1,500 | 19.58 | 29,300 | TON | \$220.00 | | \$6,441,000 |
| TOMATOES, ALL | 2022 | 19,900 | 38.60 | 769,000 | TON | \$148.80 | | \$114,174,000 |
| | 2021 | 18,400 | 39.38 | 726,000 | TON | \$97.80 | | \$70,980,000 |
| FRESH | 2022 | 950 | 41.00 | 39,000 | TON | \$890.00 | \$34,735,000 | |
| | 2021 | 520 | 35.80 | 18,500 | TON | \$550.00 | \$10,186,000 | |
| PROCESSING | 2022 | 19,000 | 38.51 | 730,000 | TON | \$108.80 | \$79,439,000 | |
| | 2021 | 17,900 | 39.49 | 707,000 | TON | \$85.90 | \$60,794,000 | |
| MISCELLANEOUS | 2022 | 1,050 | | | | | | \$3,644,000 |
| | 2021 | 830 | | | | | | \$3,411,000 |
| TOTAL | 2022 | 41,700 | | | | | | \$271,940,000 |
| | 2021 | 38,800 | | | | | | \$250,386,000 |

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

Field Crops

| PRODUCTION | | | | | GROSS VALUE | | | |
|-------------------------|------|----------------------|----------|-----------|-------------|------------|---------------|---------------|
| CROP | YEAR | HARVESTED ACREAGE | PER ACRE | TOTAL | UNIT | PER UNIT | SUBTOTAL | TOTAL |
| BEANS, DRY, ALL | 2022 | 5,800 | 1.34 | 8,300 | TON | \$1,340.00 | | \$11,766,000 |
| | 2021 | 5,800 | 1.28 | 7,900 | TON | \$1,320.00 | | \$11,131,000 |
| LIMA | 2022 | 2,180 | 1.53 | 3,340 | TON | \$1,830.00 | \$6,099,000 | |
| | 2021 | 2,170 | 1.51 | 3,280 | TON | \$1,790.00 | \$5,861,000 | |
| BEANS, OTHER | 2022 | 3,610 | 1.22 | 4,900 | TON | \$1,000.00 | \$5,666,000 | |
| | 2021 | 3,630 | 1.15 | 4,600 | TON | \$990.00 | \$5,270,000 | |
| CORN, GRAIN | 2022 | 15,200 | 4.13 | 63,000 | TON | \$470.00 | | \$29,570,000 |
| | 2021 | 18,100 | 4.90 | 89,000 | TON | \$222.00 | | \$19,725,000 |
| HAY, ALL | 2022 | 48,300 | 6.82 | 329,000 | TON | \$344.00 | | \$113,322,000 |
| | 2021 | 46,700 | 6.28 | 294,000 | TON | \$234.00 | | \$68,617,000 |
| ALFALFA | 2022 | 40,200 | 7.0 | 282,000 | TON | \$373.00 | \$105,052,000 | |
| | 2021 | 41,100 | 6.41 | 263,000 | TON | \$238.00 | \$62,646,000 | |
| OTHER | 2022 | 8,030 | 5.92 | 47,500 | TON | \$174.00 | \$8,270,000 | |
| | 2021 | 5,670 | 5.34 | 30,300 | TON | \$197.00 | \$5,971,000 | |
| PASTURE & RANGE | 2022 | 135,000 | 1.00 | 135,000 | ACRE | \$69.80 | | \$9,422,000 |
| | 2021 | 135,000 | 1.00 | 135,000 | ACRE | \$51.60 | | \$6,961,000 |
| IRRIGATED | 2022 | 14,500 | 1.00 | 14,500 | ACRE | \$230.00 | \$3,988,000 | |
| | 2021 | 14,500 | 1.00 | 14,500 | ACRE | \$230.00 | \$3,335,000 | |
| OTHER | 2022 | 120,000 | 1.00 | 120,000 | ACRE | \$45.00 | \$5,400,000 | |
| | 2021 | 120,000 | 1.00 | 120,000 | ACRE | \$30.00 | \$3,600,000 | |
| RICE | 2022 | 8,930 | 5.04 | 45,000 | TON | \$750.00 | | \$33,759,000 |
| | 2021 | 7,070 | 4.75 | 33,600 | TON | \$641.00 | | \$21,516,000 |
| SAFFLOWER | 2022 | 3,840 | 0.51 | 1,960 | TON | \$614.00 | | \$1,202,000 |
| | 2021 | 2,120 | 1.37 | 2,900 | TON | \$525.00 | | \$1,526,000 |
| SILAGE, CORN | 2022 | 47,700 | 25.55 | 1,220,000 | TON | \$72.40 | | \$88,286,000 |
| | 2021 | 47,400 | 27.58 | 1,307,000 | TON | \$40.80 | | \$53,295,000 |
| SILAGE, OTHER | 2022 | 88,000 | 8.02 | 710,000 | TON | \$118.90 | | \$84,367,000 |
| *INCLUDES GREEN CHOP | 2021 | 83,000 | 8.80 | 729,000 | TON | \$54.70 | | \$39,851,000 |
| WHEAT | 2022 | 18,900 | 2.68 | 50,600 | TON | \$358.00 | | \$18,151,000 |
| | 2021 | 19,200 | 3.13 | 60,300 | TON | \$231.00 | | \$13,918,000 |
| *MISCELLANEOUS | 2022 | 350 | | | | | | \$418,000 |
| | 2021 | 300 | | | | | | \$250,000 |
| TOTAL | 2022 | 372,000 | | | | | | \$390,263,000 |
| | 2021 | 365,000 | | | | | | \$236,790,000 |

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

Nursery

| ITEM | YEAR | QUANTITY SOLD | GROSS VALUE | |
|--|------|---------------|-------------|---------------|
| | | | UNIT | TOTAL |
| GRAPEVINES, STRAWBERRY PLANTS, FRUIT & NUT TREES | 2022 | 82,249,000 | PLANT | \$14,076,000 |
| | 2021 | 80,686,000 | PLANT | \$13,600,000 |
| VEGETABLE PLANTS | 2022 | 174,068,000 | PLANT | \$9,572,000 |
| | 2021 | 175,220,000 | PLANT | \$9,580,000 |
| FLOWERING POTTED PLANTS | 2022 | 2,008,000 | EACH | \$10,827,000 |
| | 2021 | 3,366,000 | EACH | \$11,489,000 |
| FOLIAGE PLANTS | 2022 | 885,000 | EACH | \$7,690,000 |
| | 2021 | 844,000 | EACH | \$7,525,000 |
| BEDDING PLANTS | 2022 | 49,000 | PLANT | \$938,000 |
| | 2021 | 42,000 | PLANT | \$905,000 |
| WOODY ORNAMENTALS | 2022 | 8,296,000 | EACH | \$57,160,000 |
| | 2021 | 8,259,000 | EACH | \$54,652,000 |
| BULBS, RHIZOMES, TURF, CACTUS, ETC. | 2022 | | | \$40,934,000 |
| | 2021 | | | \$40,404,000 |
| TOTAL | 2022 | | | \$141,197,000 |
| | 2021 | | | \$138,155,000 |

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING



Apiary

| ITEM | YEAR | PRODUCTION | UNIT | GROSS VALUE | |
|---------------|------|------------|------|-------------|--------------|
| | | | | PER UNIT | TOTAL |
| HONEY | 2022 | 4,818,000 | LBS | \$2.95 | \$14,213,000 |
| | 2021 | 4,597,000 | LBS | \$2.95 | \$13,561,000 |
| POLLINATION | 2022 | 218,000 | HIVE | \$192.00 | \$41,812,000 |
| | 2021 | 208,000 | HIVE | \$191.00 | \$39,641,000 |
| MISCELLANEOUS | 2022 | | | | \$882,000 |
| | 2021 | | | | \$843,000 |
| TOTAL | 2022 | | | | \$56,907,000 |
| | 2021 | | | | \$54,045,000 |

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

MISCELLANEOUS INCLUDES POLLEN, BEES, QUEENS, NUCLEUS, COLONIES AND BEESWAX

Seed Crops

| PRODUCTION | | | | | GROSS VALUE | |
|----------------|------|-------------------|----------|-------|-------------|-------------|
| CROP | YEAR | HARVESTED ACREAGE | PER ACRE | TOTAL | UNIT | TOTAL |
| *MISCELLANEOUS | 2022 | 1,855 | | | CWT | \$3,996,000 |
| | 2021 | 1,875 | | | CWT | \$4,029,000 |

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

* MISCELLANEOUS INCLUDES BEAN, SEED

Other

| PRODUCTION | | | | GROSS VALUE | |
|------------------|------|--------|------|-------------|--------------|
| CROP | YEAR | TOTAL | UNIT | PER UNIT | TOTAL |
| BIOMASS/FIREWOOD | 2022 | 96,550 | CORD | \$174.00 | \$16,800,000 |
| | 2021 | 92,500 | CORD | \$170.00 | \$15,725,000 |

Cultivating Community

Bill Harlow, the General Manager of All Bay Farmers Market Association, leads a remarkable initiative that is propelling the development of farmers markets in San Joaquin County. With two thriving markets, including the River Islands Farmers Market in Lathrop and Mountain House Farmers Market, Harlow and his team are driving significant positive change in the community. By offering a direct farm-to-fork experience, these markets will allow folks to connect with the source of their food while supporting local growers.

Since its inception, the River Islands Farmers Market has witnessed tremendous growth and continues to attract more vendors and customers. The market's success can be credited to its steadfast commitment to diversity and inclusivity, as it caters to various ethnic communities within the area. Witnessing the rapid growth and warm reception of these recently established farmers markets is noteworthy, as they cultivate a strong sense of community and excitement among the residents.

Harlow finds great joy in witnessing the success stories of vendors that started at the market and eventually transitioned into larger retailers. These farmer's markets act as a steppingstone for producers, providing them with valuable exposure and the opportunity to cultivate a loyal customer base. These markets foster a strong sense of community and connection, effectively bridging the gap between producers and consumers.

As a spokesperson for the markets, Harlow invites everyone to join the community gatherings. He emphasizes the fun and exciting nature of the events, where friends can meet, indulge in delicious food, and explore the diverse offerings. It's an opportunity to support local businesses, discover unique products, and experience the joy of connecting with neighbors.



For additional details about River Islands and Mountain House Farmers Market, please refer to page 11 for more information.

Livestock & Poultry

GROSS VALUE

| ITEM | YEAR | NO. HEAD | LIVE WEIGHT | UNIT | PER UNIT | TOTAL |
|-----------------|------|----------|-------------|------|----------|---------------|
| CATTLE & CALVES | 2022 | 132,000 | 1,057,000 | CWT | \$122.00 | \$128,954,000 |
| | 2021 | 128,000 | 1,024,000 | CWT | \$109.00 | \$111,616,000 |
| SHEEP & LAMBS | 2022 | 10,120 | 15,800 | HD | \$179.00 | \$2,827,000 |
| | 2021 | 9,950 | 15,100 | HD | \$168.00 | \$2,541,000 |
| BROILERS | 2022 | 397,000 | 1,365,000 | LBS | \$1.88 | \$2,566,000 |
| | 2021 | 397,000 | 1,388,000 | LBS | \$1.60 | \$2,224,000 |
| TURKEYS | 2022 | 206,000 | 5,296,000 | LBS | \$1.39 | \$7,361,000 |
| | 2021 | 204,000 | 5,426,000 | LBS | \$1.12 | \$6,078,000 |
| MISCELLANEOUS | 2022 | | | | | \$6,318,000 |
| | 2021 | | | | | \$6,169,000 |
| TOTAL | 2022 | | | | | \$148,026,000 |
| | 2021 | | | | | \$128,628,000 |

MISCELLANEOUS INCLUDES HOGS, GOATS, SQUAB, DUCKS AND OTHER FOWL



Livestock & Poultry Products

GROSS VALUE

| ITEM | YEAR | PRODUCTION | UNIT | PER UNIT | TOTAL |
|--------------------|------|------------|------|----------|---------------|
| MILK, ALL | 2022 | 23,730,000 | CWT | \$26.40 | \$626,472,000 |
| | 2021 | 23,830,000 | CWT | \$18.70 | \$445,621,000 |
| WOOL | 2022 | 69,000 | LBS | \$2.20 | \$151,000 |
| | 2021 | 68,000 | LBS | \$2.20 | \$149,000 |
| EGGS, CHICKEN, ALL | 2022 | 45,108,000 | DOZ | \$3.87 | \$174,580,000 |
| | 2021 | 59,020,000 | DOZ | \$3.52 | \$207,583,000 |
| MANURE | 2022 | 227,000 | TON | \$4.03 | \$915,000 |
| | 2021 | 220,000 | TON | \$4.03 | \$886,000 |
| TOTAL | 2022 | | | | \$802,118,000 |
| | 2021 | | | | \$654,239,000 |

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

Feast At The Fox



Visit Stockton, a non-profit organization, supports the value of Farm to Fork through their annual Feast at the Fox event. This dinner bridges agriculture to the consumer by providing a feast that is sourced from locally grown agricultural products. One of the event's primary objectives is to provide an invaluable hands-on experience for students in San Joaquin Delta College's culinary arts program. These aspiring chefs and entrepreneurs gain a profound understanding of sourcing directly from the farm and forging a connection between the agricultural community and the future of the local food industry. By collaborating with farmers, wineries, breweries, and food artisans, Feast at the Fox creates a true Farm to Fork celebration in San Joaquin County.

Celebrating Stockton's Vibrant Culinary Scene

Gracing the streets of Stockton, the Bob Hope (Fox) Theater stands tall and proud as the backdrop for this event. With its historic charm and grandeur, this venue sets the stage for a culinary celebration, where farm meets fork. This annual event supports the local farms and producers that make San Joaquin County agriculturally diverse.

Visit Stockton's appreciation for Farm to Fork does not end with Feast at the Fox. Visit Stockton provides valuable information for planning memorable experiences in San Joaquin County. The public can discover an array of farm stands throughout San Joaquin County with the help of their convenient Farm Guide available on VisitStockton.org. These farm stands proudly present fresh, locally sourced produce, to give the public their own farm-to-fork experience.

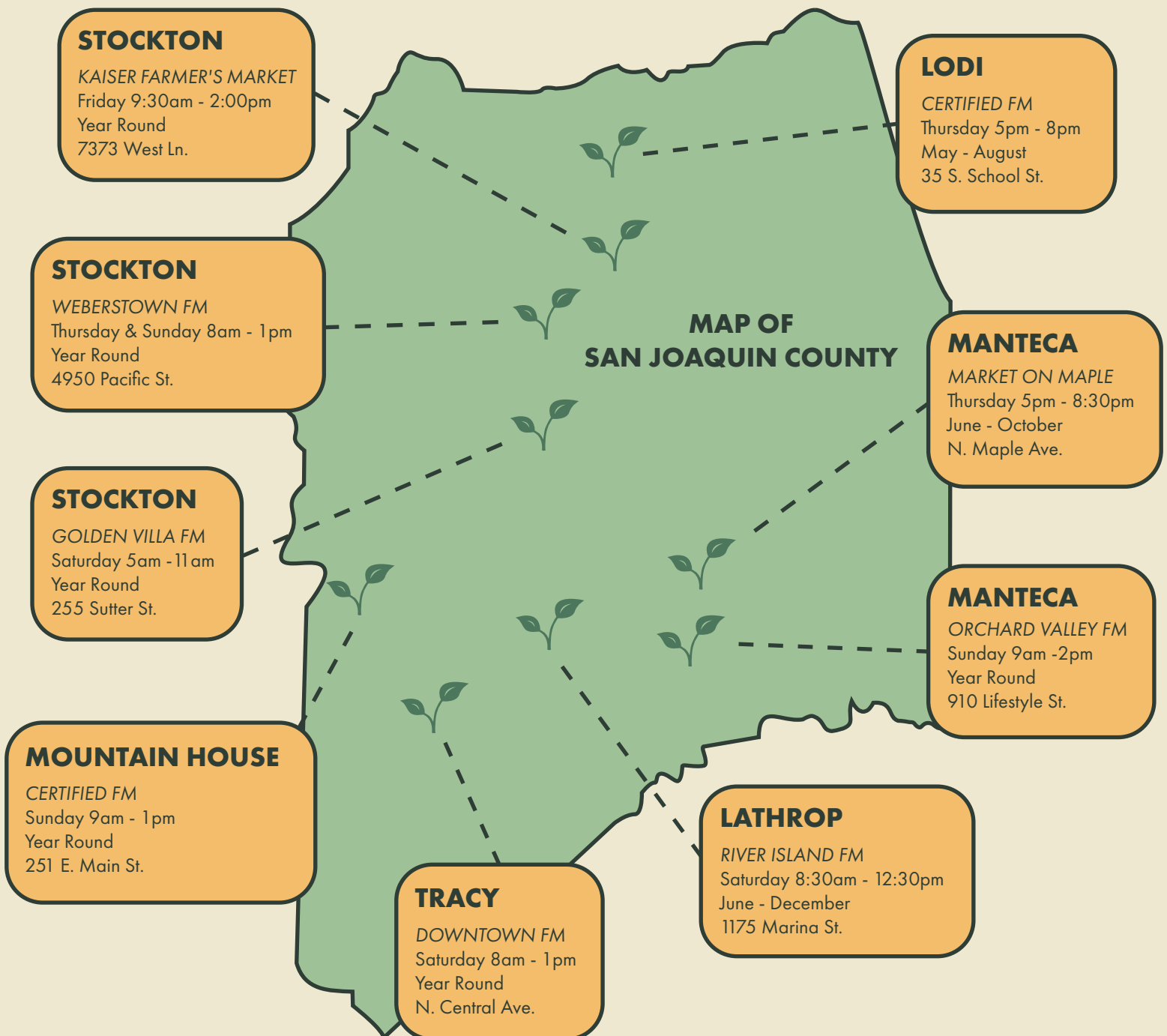


For further details about Feast at the Fox or to explore other upcoming Visit Stockton events, please visit visitstockton.org.

Certified Farmer's Market

The County Agricultural Commissioner's office certifies Farmer's Markets and Producers in San Joaquin. Certification allows our local producers to sell the commodities they have grown directly to the consumer at a Certified Farmer's Market. Certification of Producers involves site inspections of the producers' land to ensure that they actively practice the agricultural arts and grow what they are selling. Buying and reselling of agricultural products at Certified Farmer's Markets is prohibited. The grower benefits by eliminating costs incurred by packaging, labeling, marketing and other middleman costs. The consumers benefit by obtaining fresh, locally grown, produce at a reasonable price.

In San Joaquin County, there are 88 Certified Producers and the county hosts 9 Certified Farmer's Markets:



FM = Farmer's Market
* Schedules May Vary

Export Certification

The Export Certification program is responsible for assuring commodities exported to foreign countries meet the importing countries requirements for each commodity imported. California is unique when it comes to the inspection and exportation of commodities. The Agricultural Commissioners' system works with the United States Department of Agriculture (USDA) by having trained Inspectors as Accredited Certifying Officials (ACO). ACO's are granted permission by the USDA to conduct inspections and issue Phytosanitary Certificates. Phytosanitary Certificates are federal documents that inform foreign countries the commodity has been inspected and free from harmful pests. San Joaquin County Agricultural Biologist/Inspectors conduct multiple inspections daily on commodities from Apples to Zucchini. The ACO inspectors when required monitor fumigations, conduct field walks, review lab reports and inspect various commodities prior to the issuance of a Phytosanitary Certificate. San Joaquin County with its outstanding agricultural output issued more than 12,152 Phytosanitary Certificates issued in 2022 to over 80 countries. The San Joaquin County Agricultural Commissioner's Office continues to work to promote and protect the agricultural industry.

TOP 10 COUNTRIES BY CERTIFICATES

| Countries | Count of Certificates |
|-------------------------|-----------------------|
| The Republic of Korea | 1580 |
| Japan | 1510 |
| United Arab Emirates | 1127 |
| India | 840 |
| The Republic of Türkiye | 646 |
| Canada | 614 |
| Germany | 505 |
| Spain | 441 |
| Taiwan | 416 |
| Italy | 398 |

TOTAL NUMBER OF CERTIFICATES ISSUED: 12,152

Top 5 Exports

WALNUTS



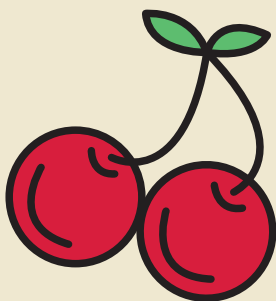
3,733 Certificates

ONIONS



110 Certificates

CHERRIES



3,169 Certificates

RICE



114 Certificates

ALMONDS



2,911 Certificates

Pest Exclusion

Pest exclusion is our first line of defense against pests that are non-native to San Joaquin County. Our mission is to prevent the introduction and spread of exotic pests within the County. Our Agricultural Biologists conduct multiple inspections throughout the County at our multiple parcel facilities, nurseries, and other various shipping locations.

Pests Intercepted

| PEST | FINDS | RATING |
|----------------------------------|-------|--------|
| Lesser Snow | 7 | A |
| Black Thread Scale | 7 | A |
| Boxwood Scale | 3 | A |
| Cockrell Scale | 1 | A |
| Pacific Mealy Bug | 1 | A |
| Rofous Scale | 1 | A |
| Coconut Scale | 1 | A |
| Armored Scale | 20 | Q |
| Insect Egg | 15 | Q |
| Curtobacterium Flaccumfaciens | 4 | Q |
| Snail | 2 | Q |
| Aphids | 2 | Q |
| Leaf Minor Moth | 1 | Q |
| Collectotrichum | 1 | Q |
| Apple Maggot | 1 | B |
| Brown Mamorated Stink Bug | 1 | B |

Shipments Intercepted

| TYPE | INSPECTED |
|------------------|-----------|
| Parcel | 5,669 |
| Nursery Blue Tag | 3,178 |
| Truck | 336 |
| Air Freight | 149 |
| Seed Shipments | 82 |
| Sea Freight | 6 |
| Spongy Moth | 5 |



Brown Stinkbug



Spongy Moth

Pest Detection

The Pest Detection Program is considered the second line of defense in protecting our agricultural industry against invasive or exotic pests that can devastate California agriculture. The program is designed to early detect and eradicate harmful pests before they become established. Insect traps are placed throughout San Joaquin County to intercept pests of concern in home gardens, recreation areas, ports, shipping facilities, nurseries and agricultural fields. The majority of the traps that are placed on residential properties are selected at random by surveying the neighborhood for host fruit trees and gardens. Permission to place the trap must be obtained prior to trap deployment. Keeping San Joaquin County free from these pests of concern enables export of the many commodities grown by our local growers. Being able to prove to our trade partners that exotic pests do not reside in San Joaquin County is essential for movement of agricultural products outside of the county line. In 2022, San Joaquin County's Pest Detection staff placed and monitored a total number of 11,850 traps for the following pests:



Mediterranean Fruit Fly



Oriental Fruit Fly



Japanese Beetle

Types of Pests

| PEST | TRAPS DEPLOYED |
|----------------------------|----------------|
| Mediterranean Fruit Fly | 625 |
| Oriental Fruit Fly | 625 |
| Melon Fly | 353 |
| McPhail General Fruit Fly | 353 |
| Champ General Fruit Fly | 56 |
| Japanese Beetle | 250 |
| Spongy Moth | 250 |
| Western Cherry Fruit Fly | 330 |
| Apple Maggot | 160 |
| Light Brown Apple Moth | 110 |
| European Grapevine Moth | 1829 |
| Vine Mealybug | 3199 |
| Asian Citrus Psyllid | 680 |
| Glassy Winged Sharpshooter | 3030 |

Spongy Moth

The Spongy Moth, *Lymantria dispar*, (formerly known as the “gypsy moth”) was accidentally introduced to New England in the 19th Century, and has since spread westward. It is considered as one of the most important insect pests of forest and shade trees in the eastern U.S. Studies have shown that the Spongy moth caterpillars feed on wide range of trees and shrubs. A caterpillar is the most devastating life stage that feeds on foliage, if accidentally introduced and established, which can defoliate hundreds of species of trees and shrubs and harm California’s natural resources. Repeated defoliation can weaken trees, resulting in greater susceptibility to disease and other insect pests. The caterpillars can also cause skin irritation.

EGG



Fall / Winter

LARVA



Spring / Summer

PUPA



Early - Mid Summer

ADULT



Late Summer

The name “spongy moth” refers to the insect’s distinctive spongy-textured eggs masses. Adult moths lay their eggs on all kinds of surfaces including trailers, car tires, and outdoor sports equipment. The moth’s eggs are often found on buildings, lawn furniture, mailboxes, rocks and trees. They spread slowly on their own power, but with people’s unwitting help they can travel across the country in a few days. All life stages can be accidentally transported to a new area, but egg masses are the most likely to go unnoticed. You can help slow their spread by inspecting your vehicles, trailers, and anything else kept outside before entering California.



The good news is California maintains a pest prevention system that act as the first line of defense to reduce the number of pest introductions and subsequent infestations. A major part of this system is pest exclusion—inspecting commodities as they enter to prevent introductions. Any plant materials, trees and outdoor household articles (OHA) that are considered as conveyances, are subjected to inspections when they arrive at the border stations – if a spongy moth life stage is detected upon inspection, they may be rejected. The Border stations issue Warning-Hold Notices to shipments from certain infested areas which contain regulated articles and inspected at destination. If you suspect seeing any signs of spongy moth, please contact your local Agricultural Commissioner’s Office or call the CDFA Pest Hotline at 1-800-491-1899.

Our Partners at UCCE

In an era defined by rapid urbanization and concerns over food security, the Farm to Fork movement has emerged as a beacon of hope for a more sustainable and resilient food system. UC Master Gardeners equip people with the knowledge and understanding of gardening so they can produce their own affordable and healthy food using sustainable gardening practices.

Master Gardeners come from a variety of backgrounds and have a passion for helping others. In exchange for extensive horticulture training from the local county program, UC Master Gardeners learn how to become educators and advocates for sustainable gardening practices within their local communities. They support gardeners and community partners and offer volunteer services and educational outreach to the public.



Working together, UC Master Gardeners are dedicated to empowering neighbors, conserving natural resources, protecting the environment, and coordinating projects that promote healthy communities. Throughout the year, Master Gardeners host free classes on growing fruits and vegetables and other horticulture topics. These educational classes teach participants how to garden in their local landscape and use what they have available to them. They teach gardeners how to grow nutritious produce just steps away from their kitchen, connecting individuals with the origins of their food. Topics include what to grow, how to grow it and when to plant it along with seasonal garden chores, pest and disease management and harvesting tips. Other sustainable topics that are incorporated into our outreach include; water management and quality, creating healthy soils, composting and reducing green waste, attracting pollinators, integrated pest management and other topics that all contribute to successful gardens and bountiful harvests while conserving natural resources. With their expertise in horticulture, sustainable gardening practices, and community engagement, Master Gardeners are sowing the seeds of change for a healthier and environmentally conscious community and food supply.

If you would like more information on home gardening, how to become a Master Gardener volunteer or would like to sign up for our newsletter, please visit our website at ucanr.edu/sjmg. If you would like to contact the San Joaquin UC Master Gardener helpline office with a gardening question, please call 209-953-6111.



Department of Weights & Measures

For the Sake of Equity

The Division of Weights and Measures is mandated by state law to protect the economic interest of all buyers and sellers of every transaction involving the exchange of goods, property, and services. Our mission is to promote equity, protect consumers and businesses alike, and enforce when necessary laws and regulations to safeguard the economic health of every citizen and competing business in the county.

2022 Division Highlights

Weight & Measures is responsible for testing electric, water, and vapor submeters on a once every ten year basis. In an effort to conserve water, recent state law change requires all California residents to eventually having metered water service. There has been a massive rush of new water submeters being installed in new apartment buildings and existing mobile home parks that previously did not require them in the past. Since the beginning of 2020, the number of water submeters registered in San Joaquin County has nearly doubled, from 3,187 to 5,177 submeters in 2022. It has been a massive challenge to the work force to get all these new meters tested and sealed to meet demand.

To the right are a few statistics of the different types and number of inspections that the San Joaquin County Weights and Measures officials performed in 2022 along with the percentage of compliance for accuracy found during the initial inspection.



Device Inspections

COUNTER SCALES

INSPECTIONS:
288

Compliance:
97.2%



TOTAL INSPECTIONS:

11,785

Average Compliance:

93.7%

COMPUTING SCALES

INSPECTIONS:
1,254

Compliance:
97.6%



RETAIL WATER METERS

INSPECTIONS:
136

Compliance:
92.6%

VEHICLE SCALES

INSPECTIONS:
333

Compliance:
91.3%



LIVESTOCK SCALES

INSPECTIONS:
27

Compliance:
96.3%

RETAIL FUEL DISPENSERS

INSPECTIONS:
6,687

Compliance:
93.4%



RAILROAD SCALES

INSPECTIONS:
8

Compliance:
75%

Ag Facts

COUNTY SEAT

Stockton

COUNTY POPULATION

789,410 (2021 Census)

INCORPORATED CITIES

Escalon, Lathrop, Lodi, Manteca, Ripon, Stockton, Tracy

TOTAL NUMBER OF FARMS

3,430

UNINCORPORATED CITIES

Acampo, Clements, Collierville, Farmington, French Camp, Linden, Lockeford, Morada, Mountain House, Thornton, Victor, Waterloo, Woodbridge

TOTAL NUMBER OF ACRES

772,762

HIGHEST ELEVATION

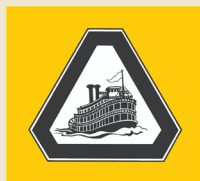
3,065 Ft. Above Sea Level: Southwest Hills

LOWEST ELEVATION

12 Ft. Below Sea Level: Delta Area

IN PARTNERSHIP WITH

Almond Alliance of California, American Ag Credit, California Cherry Board, California Walnut Board, Lodi Winegrape Commission, Lodi District Grape Growers Association, San Joaquin County Cooperative Extension, San Joaquin Delta College Students, San Joaquin Farm Bureau Federation



SAN JOAQUIN
DELTA
COLLEGE



**Agricultural Commissioner / Sealer**

Kamaljit Bagri

Assistant Agricultural Commissioner / Sealer

Vacant

Deputy Agricultural Commissioner

Jatinder Gill ,Omar Luna, Robert Pelletier

Deputy Sealer of Weights and Measures

Josh Hanson (Interim)

Agricultural Biologist / Standards Inspectors

I. Israel Arambula, Maddison Dutro, Myrna Gutierrez, Alexandra Hara, Harjinder Kaur, Miles Lugo, Dipali Majumder, Amarit Nijjar, Elenza Perez Razon, Maria Oropeza Rodriguez, Jose Zacarias, Gloria Zaragoza

II. Brendt Boyer, Jordan McCain, Tegan Turner

III. Humberto Castro, Ben Delph , Ben Delph, Matt Hoekman, Arif Kever, Kim Martin, Rod Saiki

IV. Agustin Diaz, Harrison McDowall

Senior Agricultural Biologists

Erik Baxter & Raung Long

Agricultural & Standards Technician

Caroline Medeiros

Agriculture & Standards Program Aides

Michael Cureton, Monica DeAnda, Darla Durbin, Rosemarie Engstrom, Robert Gililand, Elizabeth Hinojosa, Leticia Hinojosa, Ryan Khoury, Brett Koth, Cheyenne Lewis, Judy Nepote, Joe Pimentel, Tanya Ray, Elvira Rio-Prock, Yearsha Roeum, Luis Salcedo, Tammy Schaeffe, Jenessa Serrano, Ariana Soto, Larry Wright

Administrative Secretary

Vacant

Senior Office Assistant

Jolyn Mendez & Laura Nunes

Account Technician**II.** Share Hawkins **I.** Hiromi Hernandez**Accountant III**

Julie Serrano

Office Technician Coordinator

Monica Hernandez

Office Worker II

Dena Marquez

Information Systems Analyst III

Jose Fernandez

Crop Report Interns

Ethan Niemeyer & Camille Tanega



SAN JOAQUIN
—COUNTY—
Greatness grows here.

