Solano County
Crop and Livestock Report

• 73rd Annual | 1949 - 2022 •

SolanoCounty.com/**AG**

2022

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SOLANO COUNTY | AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

Karen Ross, Secretary
California Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Solano

Pursuant to California Food and Agricultural Code sections 2272 and 2279, I am pleased to present the 2022 Solano County Crop and Livestock Report. This report reflects the gross value of agricultural production. It does not measure producer profit or loss, nor account for the extended benefits agriculture generates in the local economy.

The gross value of Solano County agricultural production in 2022 was $390,881,000, representing a $16,761,000 decrease, or 4% downturn, from 2021. Extreme weather events throughout the year impacted crop and livestock production: freezing temperatures in late February severely damaged the developing almond and olive crops; early September brought a relentless heatwave with temperatures peaking at well over 100 degrees across the county for nine consecutive days, including localized highs of over 115 degrees, desiccating grapes on the vine; mid-September rains temporarily halted the final weeks of tomato harvest and caused tomatoes still in the field to mold; the excessive heat and untimely rain likewise led to mold and poor kernel color in the walnut crop; a third year of drought continued to stress soil moisture, groundwater and rangeland conditions; and, in early December, Lake Berryessa dropped to its lowest level since 1994.

Processing tomatoes were the top grossing crop for the first time since 2015 with a record value of $47,353,000, a 7% increase, despite a shorter crop than 2021, due to higher contract pricing. Nursery products ranked second in value increasing 1% to $43,698,000. Cattle and calves were third in value at $36,218,000, increasing 14% on higher pricing than 2021 even though drought conditions forced reductions in herd sizes. Alfalfa ranked fourth in value at $30,946,000 increasing 8% on all-time high pricing due to product demand driven by prolonged drought and a corresponding decline in alfalfa production across the western states. The winegrape crop was smaller than the previous year due to impacts from the September heatwave, but rose 3% in value to $26,164,000 on stronger pricing. Almond production dropped 60% due to frost damage and walnuts suffered from heat, rain and the lowest prices since 1999. Pollination, sheep and lambs, and prunes rounded out the top 10 crops of 2022.

I would like to express my great appreciation to all the farmers, ranchers and cooperating agencies who contributed information used to produce this report as well as a sincere gratitude to our Agriculture Department staff for their efforts and teamwork compiling the data and bringing the report to fruition.

This report, and all previous crop reports dating to 1949, along with information about the programs and services provided by the Department of Agriculture/Weights and Measures may be viewed online at www.SolanoCounty.com/AG.

Respectfully submitted,

Ed King
Agricultural Commissioner/Sealer of Weights and Measures

PROCESSING TOMATOES

The 2022 Solano County tomato crop yielded an all-time high farm gate value of $47.3 million

Processing tomatoes are one of Solano County's most prolific and enduring crops annually ranking within the top 5 commodities in value since the 1950s. The 2022 crop continued this trend with an all-time high farm gate value of $47.3 million. Solano ranks 8th among California counties in processing tomato production with crops averaging nearly 475,000 tons in recent years. In 2022, Solano growers produced 4% of the statewide harvest and 14% of the Sacramento Valley harvest. Contract rates negotiated between the California Tomato Growers Association and processors rose 24% from $84.50 to $105 per ton in 2022 due not only to demand for tomato products, but also to compensate for economic inflation which caused production costs to climb sharply and prolonged drought conditions which drove a decrease in overall statewide production in 2021. This increase in pricing, along with a smaller frost-damaged almond crop, helped make processing tomatoes Solano's top grossing crop for the first time since 2015.

Springtime begins a sequential progression of tomato plantings followed by summer harvests carefully orchestrated to provide a consistent flow of fresh fruit to local processors. Between March and May, growers plant greenhouse raised tomato starts. In mid-July, around 120 days after the first plantings, mechanical harvesters operated by small crews begin methodically sweeping through tomato fields cutting tomato plants at ground level and separating uniformly ripened fruit from vines. Electronic screeners and manual crews on harvesters detect and sort green and defective fruit before tomatoes are conveyed into tandem 25,000-pound capacity tubs for transport to local processors.

The beginning of harvest season sets off a steady march of tomato trucks, each carrying two of the fully loaded tubs, or about 300,000 individual tomatoes per load, from fields to the Campbell Soup Company's processing plant in Dixon. The Campbell's plant has been a fixture of Solano agriculture since 1976 employing 200 seasonal workers and providing local growers a readily accessible outlet for their freshly harvested tomatoes. Solano growers also truck tomatoes to the Pacific Coast Producer's processing plant in Woodland and some Yolo County farmers haul their tomatoes into Solano for processing at Campbells.

Before tomatoes enter processing plants, each load passes through a California Processing Tomato Advisory Board grading station where samples are tested for damage, mold, color, soluble solids and pH. During harvest season, which runs 90-100 days from July into early October, the Campbell's plant operates continuously, handling over 500 tubs, or 6,600 tons of tomatoes per day. Tomatoes

are processed into dice or paste and sealed in bulk 300-gallon aseptic bags within a few hours of harvest. Once processed and packed, containers are trucked to Woodland and rail shipped to other Campbell's facilities where paste and diced tomatoes are further processed into sauces, soups, salsas and juices.

Solano farmers grow dozens of varieties of processing tomatoes bred for local conditions, maturity timing, disease resistance and different end-product uses. Harvested acreage has fluctuated through the years reaching highs of over 23,000 acres per year in the 1990s. More recently, 9,000 to 10,000 acres are planted annually as part of a rotation that may include sunflowers, beans, corn and wheat. Most of the county's processing tomatoes are grown in the loamy alluvial soils of the Dixon Ridge, within a few miles of Campbell's, with some additional acreage in the Elmira-Maine Prairie and Ryer Island agricultural regions.

Twenty California counties now produce 95% of U.S. and more than 25% of the world's processing tomatoes. This command of domestic and international production is the result of a progressive biological and industrial evolution over the past seventy years driving development of high-yield tomato cultivars and the U.C. Davis led invention of mechanical harvesters. During that time, California harvests increased from 15 to nearly 50 tons per acre as selective breeding produced tomatoes durable enough to withstand mechanical harvesting and gradually advanced characteristics suitable to regional growing conditions. Drip irrigation also largely replaced furrow irrigation resulting in water use efficiencies and better weed control. Looking ahead, urban development, pest and disease pressures, water supplies and weather extremes, including drought, early season freezes and summer heatwaves pose challenges to this important sector of Solano and California agriculture.

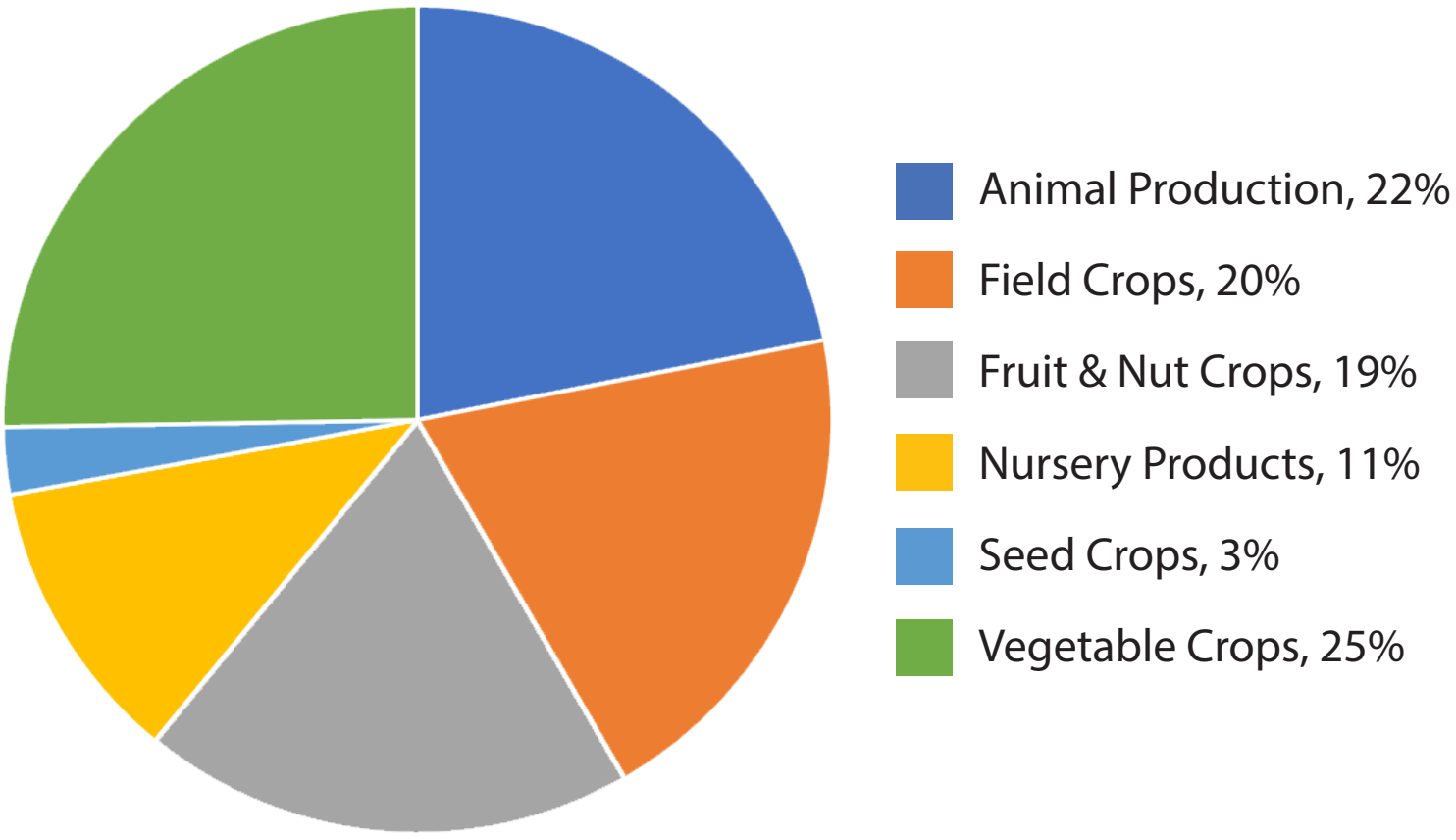
Tomato grading

Value Summary

YEAR	ANIMAL PRODUCTION[1]	FIELD CROPS	FRUIT & NUT CROPS	NURSERY PRODUCTS	SEED CROPS	VEGETABLE CROPS	TOTAL VALUE
2022	**85,635,000**	**77,223,000**	**75,264,000**	**43,698,000**	**10,291,000**	**98,770,000**	**390,881,000**
2021	73,044,000	62,824,000	129,943,000	43,086,000	12,354,000	86,391,000	407,642,000
2020	67,601,000	58,939,000	104,643,000	37,466,000	11,493,000	77,017,000	357,159,000
2019	63,814,000	64,530,000	113,091,000	31,231,000	16,686,000	82,761,000	372,113,000
2018	60,497,000	71,140,000	93,360,000	43,248,000	28,720,000	74,750,000	371,715,000
2017	50,756,000	64,474,000	108,353,000	44,627,000	21,459,000	64,887,000	354,556,000
2016	37,259,000	59,006,000	127,228,000	39,754,000	16,478,000	67,447,000	347,172,000
2015	57,277,000	78,454,000	87,741,000	37,648,000	11,729,000	81,020,000	353,869,000
2014	62,387,000	98,672,000	86,624,000	35,594,000	16,900,000	78,468,000	378,645,000
2013	51,340,000	88,744,000	97,150,000	35,144,000	16,628,000	59,209,000	348,215,000

1) Includes livestock and poultry, livestock and poultry products and apiary production

2022 Value by Crop Group



Top 10 Commodities

COMMODITY	2022 CROP VALUE	2021 RANKING
Tomatoes (Processing)	**47,353,000**	**2**
Nursery Products	43,698,000	3
Cattle & Calves	36,218,000	4
Alfalfa (Hay)	30,946,000	5
Grapes (Wine)	26,164,000	6
Almonds	21,290,000	1
Walnuts	11,304,000	7
Pollination	9,340,000	--
Sheep & Lambs	9,074,000	9
Prunes (Dried)	9,009,000	10

#1

Tomatoes (Processing)

#2

Nursery Products

#3

Cattle and Calves

#4

Alfalfa (Hay)

#5

Grapes (Wine)

#6

Almonds

#7

Walnuts

#8

Pollination

#9

Sheep and Lambs

#10

Prunes (Dried)

Fruit and Nut Crops

CROP	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds (Meats)	2022	17,940	0.44	7,920	Ton	$2,690	$21,290,000
	2021	22,400	0.87	19,600	Ton	$3,640	$71,123,000
Olives [1]	2022	97	0.45	44	Ton	$3,080	$133,000
	2021	295	1.31	380	Ton	$3,620	$1,392,000
Prunes (Dried)	2022	1,580	2.97	4,690	Ton	$1,920	$9,009,000
	2021	1,480	2.81	4,150	Ton	$1,740	$7,218,000
Walnuts	2022	10,200	1.32	13,330	Ton	$850	$11,304,000
	2021	9,900	1.50	15,200	Ton	$1,338	$20,312,000
Miscellaneous [2]	2022	658					$7,364,000
	2021	530					$4,456,000
Total Fruit & Nut Crops	**2022**	**30,475**					**$49,100,000**
	2021	**34,605**					**$104,501,000**

Figures may not add due to rounding.
1) Value per unit based on oil value.
2) Includes almond hulls, apricots, aprium, blackberries, citrus, grapes (table), kiwi, nectarines, peaches, pears, persimmons, pistachios, plums, pluots and strawberries.

CROP	BEARING ACRES	NON-BEARING ACRES
Almond	23,600	3,900
Walnut	11,000	400
Olive	491	195

Vegetable Crops

CROP		YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
				PER ACRE	TOTAL		PER UNIT	TOTAL
Tomatoes (Processing)		2022	9,500	45.60	439,000	Ton	$107.88	$47,353,000
		2021	9,650	54.10	513,700	Ton	$85.87	$44,108,000
Vegetables	Processing [1]	2022	1,050					$2,507,000
		2021	1,100					$2,985,000
	Fresh [2]	2022	1,550					$48,910,000
		2021	1,100					$39,298,000
Total Vegetable Crops		**2022**	**12,100**					**$98,770,000**
		2021	**11,850**					**$86,391,000**

Figures may not add due to rounding.
1) Includes cucumbers (pickling), onion and peppers.
2) Includes beans, brassicas, carrot, corn, cucumber, endive, garlic, herbs, leafy greens, melons, onions, peas, peppers, pumpkins, root vegetables, salad greens, sprouts, squash, sweet corn, tomatoes, tubers and watermelon.

Winegrapes

CROP	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Red Varieties	2022	2,168	5.17	11,200	Ton	$1,350	$15,161,000
	2021	2,181	5.55	12,100	Ton	$1,230	$14,928,000
White Varieties	2022	1,727	6.93	11,960	Ton	$920	$11,003,000
	2021	1,728	7.42	12,830	Ton	$820	$10,514,000
Total Grapes	**2022**	**3,895**	**5.95**	**23,160**	**Ton**		**$26,164,000**
	2021	**3,909**	**6.37**	**24,930**	**Ton**		**$25,442,000**

Red Winegrapes

VARIETY	HARVESTED ACRES	TONS	PRICE PER TON
Pinot Noir	766	4,590	$882
Cabernet Sauvignon	397	2,165	$2,095
Petite Sirah	323	2,424	$1,869
Zinfandel	185	347	$3,117
Merlot	141	512	$1,781
Syrah	118	187	$2,015
Valdiguie	52	286	$2,028
Grenache	50	208	$1,804
Malbec	30	51	$1,932
Other Reds	106	433	$1,695

White Winegrapes

VARIETY	HARVESTED ACRES	TONS	PRICE PER TON
Chardonnay	914	5,421	$979
Pinot Gris	394	2,554	$706
Sauvignon Blanc	122	2,089	$1,315
Chenin Blanc	114	650	$542
White Riesling	58	319	$867
Viognier	47	185	$793
Gewurztraminer	30	248	$664
Other Whites	48	498	$875

Livestock and Poultry

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
Cattle and Calves [1]	2022	22,500	203,500	Cwt.	$178	$36,218,000
	2021	25,400	238,000	Cwt.	$134	$31,882,000
Sheep and Lambs [2]	2022	50,000	52,800	Cwt.	$172	$9,074,000
	2021	51,900	49,700	Cwt.	$179	$8,919,000
Miscellaneous [3]	2022	901,400				$1,166,000
	2021	920,000				$1,158,000
Total Livestock and Poultry	**2022**	**973,900**				**$46,458,000**
	2021	**997,300**				**$41,959,000**

Figures may not add due to rounding.
1) Includes beef stocker gain value, dairy calves, dairy yearlings, dairy replacement heifers and dairy cull cows.
2) Includes feeder lamb gain.
3) Includes goats and chickens.

Livestock and Poultry Products

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Eggs, Chicken	2022	88,000	Dozen	$5.80	$511,000
	2021	112,000	Dozen	$5.19	$581,000
Wool	2022	37,400	Lb.	$2.89	$108,000
	2021	72,700	Lb.	$2.11	$153,000
Miscellaneous[1]	2022				$28,308,000
	2021				$22,800,000
Total Livestock and Poultry Products	**2022**				**$28,927,000**
	2021				**$23,534,000**

Figures may not add due to rounding.
1) Includes market milk.

Nursery Products

ITEM	YEAR	ACREAGE	TOTAL VALUE
Nursery Stock [1]	2022	1,210	$38,908,000
	2021	1,270	$42,625,000
Propagative Stock [2]	2022	130	$4,790,000
	2021	58	$461,000
Total Nursery Production	**2022**	**1,340**	**$43,698,000**
	2021	**1,328**	**$43,086,000**

Figures may not add due to rounding.
1) Includes christmas trees, cut flowers, greenhouse plants, herbaceous and woody ornamentals and turf.
2) Includes grafted grapevines, grapevine rootstock, grapevine cuttings and propagated fruit and nut trees.

Apiary

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Apiary Products [1]	2022				$910,000
	2021				$937,000
Pollination [2]	2022	60,000	Colony	$154	$9,340,000
	2021	39,000	Colony	$169	$6,614,000
Total Apiary Production	**2022**				**$10,250,000**
	2021				**$7,551,000**

Figures may not add due to rounding.
1) Includes honey, packaged bees and queen bees.
2) Value based on acreage of crops requiring bees for pollination and number of colonies required for adequate pollination. Colony fee varies by crop. Crops pollinated include almond, prune, sunflower and broccoli, cabbage and vine seed.

Seed Crops

CROP	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Sunflower	2022	4,420	874	4,004,000	Lb.	$1.87	$7,487,000
	2021	6,830	1,329	9,077,000	Lb.	$1.16	$10,529,000
Miscellaneous [1]	2022	1,190					$2,804,000
	2021	850					$1,825,000
Total Seed Crops	**2022**	**5,610**					**$10,291,000**
	2021	**7,680**					**$12,354,000**

Figures may not add due to rounding.

1) Includes asparagus, barley, broccoli, cabbage, cucumber, melon, squash, watermelon and wheat.

Field and Forage Crops

CROP		YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
				PER ACRE	TOTAL		PER UNIT	TOTAL
Beans, Dry		2022	1,670	1.24	2,057	Ton	$1,520	$3,123,000
		2021	1,400	1.22	1,700	Ton	$1,320	$2,284,000
Corn (Grain)		2022	1,920	6.35	11,380	Ton	$275	$3,130,000
		2021	2,290	6.05	13,800	Ton	$191	$2,644,000
Hay	Alfalfa	2022	16,200	4.95	93,560	Ton	$330	$30,946,000
		2021	23,200	5.53	128,000	Ton	$223	$28,606,000
	Grain	2022	3,500	3.13	10,960	Ton	$285	$3,123,000
		2021	3,330	3.05	10,200	Ton	$203	$2,064,000
	Ryegrass	2022	5,490	2.80	14,940	Ton	$265	$3,959,000
		2021	6,160	2.60	16,000	Ton	$194	$3,106,000
	Sudangrass	2022	4,070	3.61	16,530	Ton	$263	$4,349,000
		2021	4,500	3.30	15,000	Ton	$199	$2,977,000
	Grass/Forage	2022	3,320	2.81	7,150	Ton	$250	$1,778,000
		2021	4,600	2.67	12,300	Ton	$187	$2,301,000
Safflower		2022	4,550	0.94	4,200	Ton	$702	$2,848,000
		2021	3,140	0.41	1,290	Ton	$315	$406,000
Triticale		2022	4,400	2.92	12,850	Ton	$235	$3,023,000
		2021	6,560	2.66	17,400	Ton	$202	$3,531,000
Wheat		2022	7,730	2.70	20,880	Ton	$289	$6,031,000
		2021	11,300	2.09	23,700	Ton	$205	$4,861,000
Miscellaneous[1]		2022	4,590					$5,808,000
		2021	4,670					$4,194,000
Pasture Acreage						**Value Per Acre**		
Irrigated		2022	17,500			Acre	$172	$3,016,000
		2021	18,400			Acre	$138	$2,541,000
Rangeland[2]		2022	188,500			Acre	$29	$6,089,000
		2021	187,600			Acre	$18	$3,309,000
Total Field Crops		**2022**	**263,440**					**$77,223,000**
		2021	**277,150**					**$62,824,000**

Figures may not add due to rounding.
1) Includes barley, corn silage and straw.
2) Calculated using data from California Department of Conservation 2016-2018 Land Use Conversion Report.

Pest PREVENTION

The California Food and Agricultural Code mandates pest prevention programs to prevent the introduction and spread of pests detrimental to California's agriculture, environment and economy. Pest prevention involves Pest Exclusion, Pest Detection, Pest Eradication, Pierce's Disease Control, Phytosanitary Certification, Nursery Inspection and Sudden Oak Death programs.

Pest Exclusion is the first line of defense in preventing detrimental, non-native pests from entering the county. In 2022, Agricultural Biologists made a total of 727 premise visits at shipping terminals, nurseries and residences. During these visits, 7,498 shipments of plants, seed, and household goods were inspected. A total of 81 shipments were rejected for live pests, material not properly certified, or improper container markings. Surveys were also performed at 48 locations for early detection of the invasive pest spotted lanternfly, a notable pest of grapes that is threatening to move westward from infested areas in the eastern U.S.

Pest Detection is Solano County's second line of defense against the introduction and spread of insect pests of concern. Insect traps are placed throughout the county and monitored for early detection of pests. In 2022, 23,131 trap inspections were conducted on a total of 2,659 traps in service throughout the county.

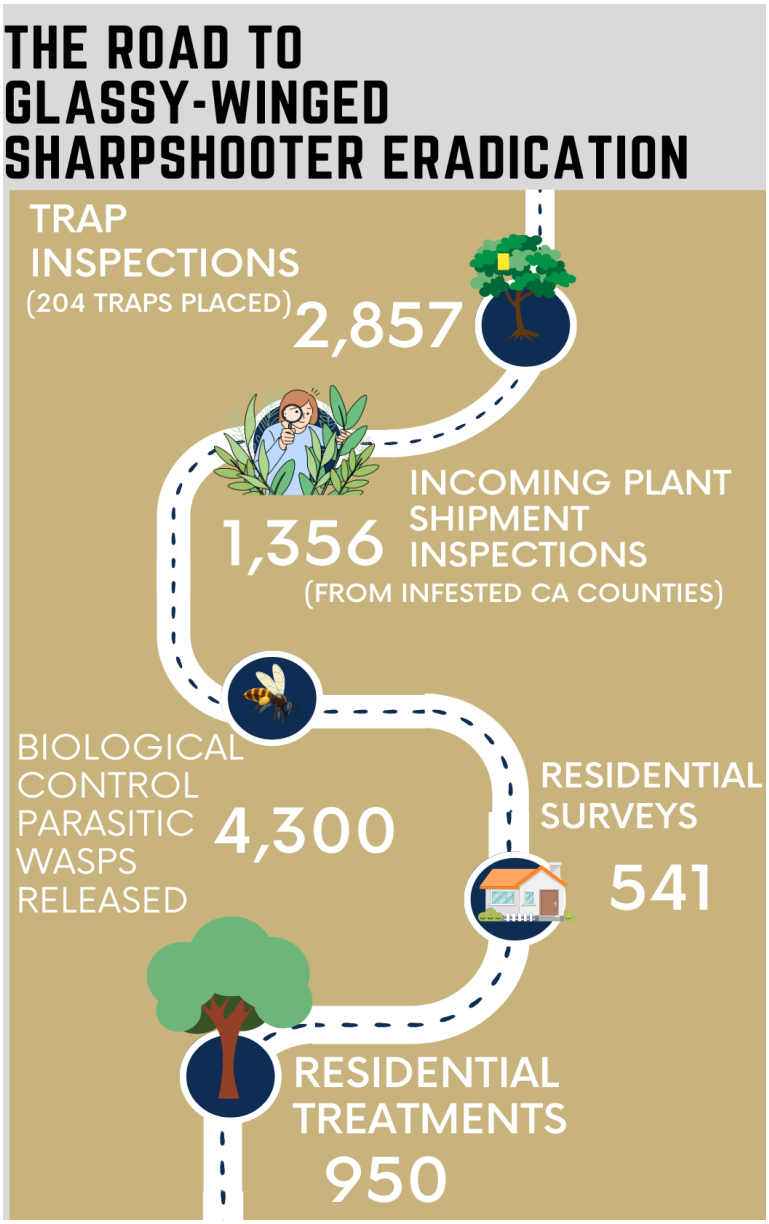
Pest Eradication. After successful early detection and control work in 2014, 2016 and 2021, a fourth occurrence of the parasitic weed Egyptian broomrape was found in a tomato field in 2022. As with previous detections, Agriculture Department staff surveyed and quarantined the affected field, removed broomrape plants and coordinated further eradication treatments with the grower. Because broomrape is a host-specific parasitic plant, successive host crops will be planted and monitored in the infested field in 2023 to ensure complete eradication.

The **Pierce's Disease Control Program** works to prevent the spread of the glassy-winged sharpshooter (GWSS), the primary insect vector of Pierce's disease in grapevines. In 2022, Agricultural Biologists and Aides inspected 1,356 shipments of nursery stock arriving from sharpshooter infested California counties. In October 2021, the Agriculture Department identified a new GWSS infestation in Vacaville's Browns Valley neighborhood—the first in the county since a previous Vacaville infestation was eradicated in 2008. The California Department of Food and Agriculture issued an emergency proclamation establishing a 3,500 acre quarantine area around Brown's Valley and declared actions necessary to eradicate the infestation. Eradication work continued in 2022 with visual surveys of GWSS host plants on 541 residential properties, pesticide treatments on 950 properties and the release of 4,300 biological control wasps that parasitize GWSS eggmasses. Biologists and Aides performed 2,857 inspections on 204 delimitation traps placed throughout the Browns Valley neighborhood. Visual surveys found presence of various GWSS life stages on 52 unique parcels while delimitation trapping found 58 additional adult sharpshooters.

The **Phytosanitary Certification Program** ensures that plants and plant commodities shipped to other states or foreign countries are free from injurious pests. Biologists and Aides performed 852 phytosanitary field inspections on 5,393 acres of seed crops.

Nursery Inspection and Sudden Oak Death. Biologists inspected 13 local nurseries that produce a variety of ornamental plants, sod (turfgrass), vegetable plants and fruit trees and vines for sale in California as well as other states and countries to ensure growing grounds meet standards of cleanliness for regulated pests. Biologists also conducted 44 inspections at 4 production shipping nurseries to prevent the spread of *Phytophthora ramorum*, the pathogen that causes Sudden Oak Death.

Glassy-winged sharpshooter eradication treatments



Glassy-winged sharpshooter parasitic wasp release

Pest Exclusion	
Shipment Inspections	Shipment Rejections
7,498	81
A,Q,W Pest Interceptions	Sudden Oak Death Inspections
33 Species	44

Spotted Lanternfly

Target Pest	Hosts	No. of Traps	No. of Trap Servicings
Asian Citrus Psyllid	Citrus/Ornamentals	287	1,074
European Grape Berry Moth	Vineyards	69	150
European Grapevine Moth	Vineyards	355	3,217
Glassy-Winged Sharpshooter	Vineyards/Urban Landscaping	883	10,071
Japanese Beetle	Turf/Roses	207	1,011
Mediterranean Fruit Fly	Fruit Trees	231	2,064
Melon Fruit Fly	Vegetables	88	847
Nun Moth	Coniferous/Deciduous Trees	18	99
Oriental Fruit Fly	Fruit Trees	86	765
Other Exotic Fruit Flies	Fruit Trees	88	2,136
Rosy Moth	Deciduous Trees	17	92
Siberian Silk Moth	Coniferous/Deciduous Trees	18	97
Spongy Moth Complex	Coniferous/Deciduous Trees	312	1,508

Exports

In 2022, the Solano County Agriculture Department issued 688 Federal Phytosanitary Certificates for agricultural commodities bound for export to 41 countries, including:

Argentina
Australia
Belgium
Brazil
Brunei Darussalam
Canada
Chile
China
Colombia
Costa Rica
Dominican Republic
Egypt
Ethiopia
Fiji
France
French Southern Territories
Germany
Hong Kong
India
Indonesia
Israel
Italy
Japan
Jordan
Republic of Korea
Lebanon
Lithuania
Malaysia
Mexico
Mongolia
Morocco
Norway
Panama
Philippines
Poland
Portugal
Spain
Taiwan
Thailand
Republic of Türkiye
United Kingdom

Commodities Certified for Export

Alfalfa
Almonds
Dried Fruit
Logs/Lumber
Nursery Stock
Oak Wine Barrels
Ryegrass
Seed (Cucumber, Lettuce, Melon, Pepper, Squash and Tomato)
Sudangrass

Certified Farmers' Markets

Certified farmers' markets provide an outlet for producers to sell fresh fruits, nuts, vegetables, herbs, cultivated mushrooms, shell eggs, honey, cut flowers, unprocessed grains and nursery stock directly to the public. Anyone who wishes to sell at a certified farmers' market must obtain a certified producer's certificate from the Agricultural Commissioner in the county where the commodity was grown. Certified producer's certificates verify that fresh agricultural products sold at a certified market are produced by the farmer selling the commodities. In 2022, the Agricultural Commissioner's Office issued certificates to 35 producers and 6 farmers' markets to sell local and regional produce in Solano County.

Vacaville Market

2023 Solano Certified Farmers' Markets

Benicia Certified Farmers' Market
Time: Thursdays 4:00 p.m. – 8:00 p.m.
Months of Operation: April - October
Location: 1st Street between B & D Streets, Benicia

Fairfield Certified Farmers' Market
Time: Thursdays 3:00 p.m. – 7:00 p.m.
Months of Operation: May - September
Location: 600 Texas Street, Fairfield

Kaiser Vacaville Certified Farmers' Market
Time: Tuesdays 9:30 a.m. – 1:30 p.m.
Months of Operation: June - December
Location: 1 Quality Drive, Vacaville

Kaiser Vallejo Certified Farmers' Market
Time: Tuesdays 10:00 a.m. – 2:00 p.m.
Months of Operation: Year-round
Location: Kaiser Hospital Campus, 975 Sereno Drive, Vallejo

Suisun Waterfront Certified Farmers' Market*
Time: Saturdays 9:00 a.m. – 1:00 p.m.
Months of Operation: July - October
Location: 2 Harbor Center Drive, Suisun City

Vacaville Certified Farmers' Market
Time: Saturdays 9:00 a.m. – 1:00 p.m.
Months of Operation: Year-round
Location: Andrews Park, Creek Walk Plaza, 614 E. Monte Vista Avenue, Vacaville

Vallejo Certified Farmers' Market
Time: Saturdays 8:30 a.m. – 2:00 p.m.
Months of Operation: Year-round
Location: 400 Georgia St., Corner of Georgia & Marin, Vallejo

= new in 2023

ORGANIC FARMING
In 2022, 41 registered organic Solano farms and ranches produced a variety of fruits, vegetables, nuts, herbs, eggs and poultry with reported gross sales of $30.4 million

Weights and Measures

Airport fuel truck meter inspection

Ensuring you get what you pay for, since 1850

Measuring Devices	Number Inspected	Compliance Rate
Retail Motor Fuel Meters	4,550	94%
Submeters - Electric, Vapor, Water	527	81%
Retail Water Meters	58	74%
Liquid Propane Meters	50	77%
Fabric, Cordage, Wire Meters	31	94%
Taxi Meters, Odometers	68	100%
Misc. Measuring Devices	16	100%
Devices Inspected	5,300	
Average Compliance Rate	92%	

Weighing Devices	Number Inspected	Compliance Rate
Computing, Counter Scales	1,039	87%
Crane, Hanging, Hopper Scales	13	100%
Dormant/Portable Platform Scales	129	86%
Vehicle Scales	69	92%
Livestock and Animal Scales	36	68%
Railway Scales	1	100%
Monorail Scales	3	100%
Devices Inspected	1,290	
Average Compliance Rate	87%	

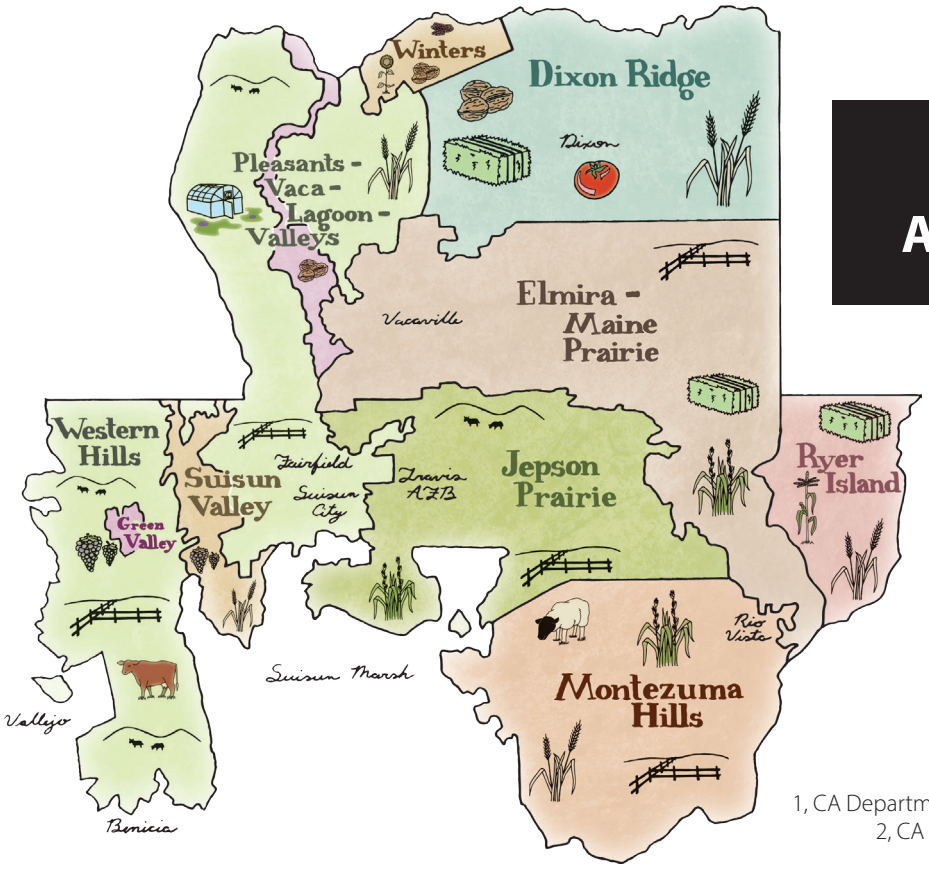
County Overview

POPULATION: 443,749 [1]			
Benicia	**Dixon**	**Fairfield**	**Rio Vista**
26,180	19,018	119,526	9,988
Suisun City	**Vacaville**	**Vallejo**	**Unincorporated**
28,471	101,806	121,658	18,102

LAND USE [2]			
Land Area (square miles)	910	Farmland (acres)	149,747
Land Area (acres)	582,210	Grazing Land (acres)	205,997
Water Area (square miles)	87	Total Agricultural Land (acres)	355,744
Water Area (acres)	55,370	Urban Development - Non-Ag Lands (acres)	171,096

FARMS			
Average U.S. Size (acres) [4]	441	Number of Farms in U.S.	2,042,220 [4]
Average California Size (acres) [3]	351	Number of Farms in California	69,000 [3]
Average Solano County Size (acres) [4]	404	Number of Farms in Solano County	849 [4]

2021 CALIFORNIA RANKINGS	
25th in Statewide Gross Agricultural Production Value	
3rd Sheep and Lambs *(9.1% of statewide value)*	3rd Sunflower Seed *(14.8% of statewide value)*



Solano County Agricultural Regions

1, CA Department of Finance, E-1: City/County Pop. Est. as of January 1, 2023
2, CA Department of Conservation 2016-2018 Land Use Conversion
3, CDFA California Agricultural Statistics Review 2021-2022
4, USDA National Agricultural Statistics Service 2017 Census of Agriculture

SOLANO COUNTY
Department of Agriculture, Weights and Measures

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