

Solano County Crop and Livestock Report

• 72nd Annual | 1949 - 2021 •



SolanoCounty.com/AG

2021

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

I am pleased to present the 2021 Solano County Crop and Livestock Report pursuant to sections 2272 and 2279 of the California Food and Agricultural Code. 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 2021 was \$407,642,000, representing a \$50,483,000 increase, or 14% upturn from 2020. This sets a new record high value surpassing the 2014 peak of \$378,645,000—a remarkable feat considering the ongoing effects of the COVID-19 pandemic on supply chains, production costs and the agricultural workforce. Moreover, persistent dry conditions saw the entire county in a state of exceptional drought from late May into mid-November.

Almonds were the top grossing crop for the third consecutive year with a value of \$71,123,000, a 40% increase over the previous year as more bearing acreage came into production. Processing Tomatoes ranked second in value increasing 16% to \$44,108,000 on a combination of higher pricing and strong yields that produced the largest tomato crop in the past five years. Nursery Products were third in value totaling \$43,086,000, increasing 15% as pandemic-related gardening and landscaping interests continued to surge. Cattle and Calves ranked fourth in value at \$31,882,000, declining 12% due to drought and associated poor rangeland forage conditions. Alfalfa rounded out the top five crops of 2021 at \$28,606,000, increasing 9% due to strong demand and pricing driven by drought conditions in California and across the western states. Wine Grapes, Sheep and Lambs and Prunes also increased production and value in 2021 contributing to the overall record crop report value. Sunflower Seed remained consistent with the previous years' value and while Walnut prices rebounded slightly, impacts from a late-October rainstorm led to a 10% decrease in crop value from 2020.

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 <https://www.SolanoCounty.com/AG>.

Respectfully submitted,

A handwritten signature in blue ink that reads "Ed King".

Ed King
Agricultural Commissioner/Sealer of Weights and Measures

WATER RESOURCES

Drought and Agriculture in Solano County

This year's crop report cover photo features Vaughn Canal—one of several Solano Irrigation District canals servicing farms across the Dixon Ridge. The District delivers 'Solano Project' water, stored in Lake Berryessa and Lake Solano behind the Monticello and Putah Diversion dams, to local municipalities and agricultural users. Constructed in the 1950s, the two dams and the Putah South Canal comprise the primary Solano Project infrastructure. The Putah Diversion Dam directs water into the Putah South Canal for further conveyance to Solano cities and farmland through the District's extensive network of canals and pipelines. The District manages an annual agricultural allocation of 121,000-acre feet of Solano Project surface water, supplemented with additional groundwater. In 2021, the District delivered over 117,000-acre feet of water to nearly 36,500 acres of Solano County field, fruit and nut crops.

Increasingly scarce water resources in other parts of California led to the fallowing of an estimated 395,000 acres of farmland in 2021¹ as Solano County and much of the state endured a second year of drought. This recent dry period, one of the driest two-years on record, is now recognized as part of an extended drought across the western U.S. dating to 2000. During this time Solano County has trended in-and-out of dry phases. Multi-year periods between 2007-2010, 2012-2017 and January 2020 to present have seen the county in varying degrees of drought, even reaching states of exceptional drought—the most severe U.S. Drought Monitor rating—in 2014-16 and again for much of 2021.





Reliable Solano Project water supplies have helped sustain local agricultural through these times of drought. Consistent year-to-year surface water availability has also supported recent cropping transitions in the county allowing growers to adapt to market and industry trends—evident in this year's crop report value which crested \$400 million for the first time. Over the past 20 years these shifts have favored permanent crops with significant increases in new almond orchards and a growing number of pistachio and olive plantings offsetting corresponding declines in field crop acreage and production.

Toward the end of 2021, the Solano Subbasin Groundwater Sustainability Agency Collaborative completed the county's first groundwater sustainability management plan marking another milestone in Solano water resource management history. In compliance with the 2014 Sustainable Groundwater Management Act, the plan reflects generally stable groundwater conditions both currently and under forecasted population, land use and climate change scenarios across eastern Solano County including most of the county's agricultural regions. Stable groundwater levels in the area can in large measure be attributed to consistent Solano Project surface water supplies that reduce dependency on groundwater.



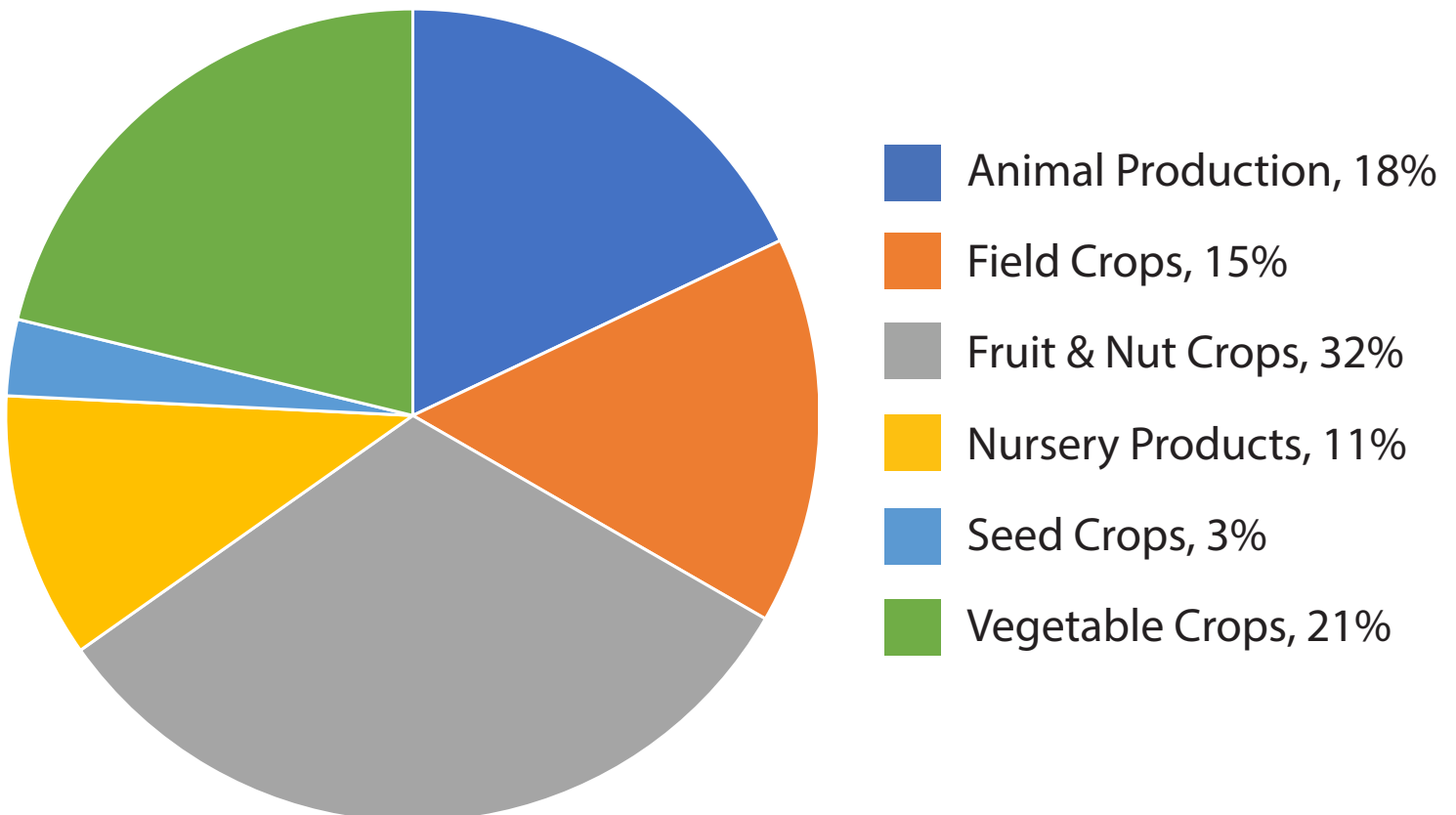
1) *Economic Impacts of the 2021 Drought on California Agriculture. Preliminary Report. University of California, Merced. Available at <http://drought.ucmerced.edu>.*

Value Summary

YEAR	ANIMAL PRODUCTION ¹	FIELD CROPS	FRUIT & NUT CROPS	NURSERY PRODUCTS	SEED CROPS	VEGETABLE CROPS	TOTAL VALUE
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
2012	63,425,000	84,604,000	87,368,000	32,707,000	17,680,000	56,911,000	\$342,695,000

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

2021 Value by Crop Group



Top 10 Commodities

COMMODITY	2021 CROP VALUE	2021 RANKING	2020 RANKING
Almonds	\$71,123,000	1	1
Tomatoes (Processing)	\$44,108,000	2	2
Nursery Products	\$43,086,000	3	3
Cattle and Calves	\$31,882,000	4	4
Alfalfa (Hay)	\$28,606,000	5	5
Grapes (Wine)	\$25,442,000	6	7
Walnuts	\$20,312,000	7	6
Sunflower (Seed)	\$10,529,000	8	8
Sheep and Lambs	\$8,919,000	9	--
Prunes (Dried)	\$7,218,000	10	10

#1



Almonds

#2



Tomatoes (Processing)

#3



Nursery Products

#4



Cattle and Calves

#5



Alfalfa (Hay)

#6



Grapes (Wine)

#7



Walnuts

#8



Sunflower (Seed)

#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)	2021	22,400	0.87	19,600	Ton	\$3,640	\$71,123,000
	2020	18,300	0.77	14,100	Ton	\$3,590	\$50,700,000
Olives ¹	2021	295	1.31	380	Ton	\$3,620	\$1,392,000
	2020	288	1.15	332	Ton	\$3,940	\$1,309,000
Prunes (Dried)	2021	1,480	2.81	4,150	Ton	\$1,740	\$7,218,000
	2020	1,690	2.16	3,640	Ton	\$1,370	\$4,986,000
Walnuts	2021	9,900	1.50	15,200	Ton	\$1,338	\$20,312,000
	2020	10,720	1.82	19,600	Ton	\$1,150	\$22,519,000
Miscellaneous ²	2021	530					\$4,456,000
	2020	700					\$3,940,000
Total Fruit & Nut Crops ³	2021	34,605					\$104,501,000
	2020	31,698					\$83,454,000

Figures may not add due to rounding.

1) Value per unit based on oil value.

2) Includes almond hulls, apples, apricots, blackberries, cherries, citrus, figs, kiwi, nectarines, peaches, pears, persimmons, pistachios, plums, pluots, pomegranates and strawberries.

3) 2020 published total acreage and value includes wine grapes, which are represented separately in 2021.

CROP	BEARING ACRES	NON-BEARING ACRES
Almond	22,400	4,300
Walnut	11,000	800
Olive	295	195



Vegetable Crops

CROP	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Tomatoes (Processing)	2021	9,500	54.10	513,700	Ton	\$85.87	\$44,108,000
	2020	9,650	50.90	491,000	Ton	\$77.55	\$38,078,000
Vegetables	Processing ¹	2021	1,050				\$2,985,000
		2020	1,100				\$2,657,000
	Fresh ²	2021	1,550				\$39,298,000
		2020	1,100				\$36,282,000
Total Vegetable Crops		2021	12,100				\$86,391,000
		2020	11,850				\$77,017,000

Figures may not add due to rounding.

1) Includes cucumbers (pickling), onion and peppers.

2) Includes beans, brassicas, corn, cucumber, endive, garlic, herbs, leafy greens, melons, mushrooms, onions, peas, peppers, pumpkins, root vegetables, salad greens, sprouts, squash and tomatoes.





Wine Grapes in Solano County

Solano County's viticultural history dates to the 1800s and wine grapes have been represented in every county crop report for the past 72 years. Today, Solano County grape growers farm nearly 4,000 acres of vineyards, most of which are concentrated in Suisun and Green Valleys. Nestled within the Vaca and Mount George Range Coast Mountains the valleys extend from the mountains south to the Suisun Bay marshlands. Growing conditions in the valleys are influenced by a coastal Mediterranean climate, differing types of loamy soils and cool marine air that often produces fog in Green Valley and broad temperature variations between upper and lower portions of Suisun Valley. These unique characteristics earn the valleys special distinction as American Viticultural Areas (AVA). Formed in 1982 as two of the earliest AVAs in the country, the Suisun and Green Valley AVAs provide host to a diversity of varieties including Cabernet Sauvignon, Petite Sirah, Pinot Noir, Chardonnay, Pinot Gris and Sauvignon Blanc. The AVAs also lie within the larger renowned North Coast AVA that includes the prominent grape growing areas of Napa, Sonoma, Mendocino, Lake and Marin counties.

Other vineyards are scattered across the county from Vallejo to Dixon. Notably, Ryer Island in the Sacramento Delta is slated to become part of the long-established Clarksburg AVA in 2022. Wine grapes have been a feature of Ryer Island agriculture since the 1970s. The Delta's maritime climate with fog, cool breezes and moderate seasonal temperatures along with rich alluvial and flood plain soils allow growers to produce robust harvests of Merlot, Pinot Noir, Petite Sirah, Chardonnay, Pinot Gris, Chenin Blanc and Viognier destined for local and regional wineries.

To protect these agricultural and community resources the Agriculture Department routinely performs early detection surveys for vineyard pests like the glassy-winged sharpshooter and European grapevine moth.

**Glassy-Winged
Sharpshooter**





Glassy-Winged Sharpshooter

In October 2021, the Agriculture Department identified a new glassy-winged sharpshooter infestation in Vacaville’s Browns Valley neighborhood—the first in the county since a previous Vacaville infestation was eradicated in 2008. Because glassy-winged sharpshooters aggressively vector the bacterium *Xylella fastidiosa* which causes the fatal Pierce’s disease in grapevines, the California Department of Food and Agriculture issued an emergency proclamation declaring actions necessary to eradicate the infestation.

Presence of a glassy-winged sharpshooter infestation in the county poses an immediate threat to nearby vineyards in Suisun and Green Valleys, home to more than 3,000 acres of wine grapes and a thriving agritourism economy. Vacaville’s proximity to over 250,000 acres of grapes across the region further emphasized the urgency to eradicate the new sharpshooter infestation. County Agricultural Biologists promptly responded to the emergency surveying over 1,200 properties and performing over 1,200 trap checks to delimit the extent of the sharpshooter population before starting eradication treatments in late October.



Wine Grapes

CROP	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Red Varieties	2021	2,181	5.55	12,100	Ton	\$1,230	\$14,928,000
	2020	2,228	5.20	11,600	Ton	\$1,130	\$13,130,000
White Varieties	2021	1,728	7.42	12,830	Ton	\$820	\$10,514,000
	2020	1,772	6.10	10,800	Ton	\$745	\$8,059,000
Total Grapes	2021	3,909	6.37	24,930	Ton		\$25,442,000
	2020	4,000	5.60	22,400	Ton		\$21,189,000

Livestock and Poultry

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
Cattle and Calves ¹	2021	25,400	238,000	Cwt.	\$134	\$31,882,000
	2020	25,200	294,000	Cwt.	\$123	\$36,069,000
Sheep and Lambs ²	2021	51,900	49,700	Cwt.	\$179	\$8,919,000
	2020	40,000	40,000	Cwt.	\$97	\$3,880,000
Miscellaneous ³	2021	920,000				\$1,158,000
	2020	1,091,000				\$1,368,000
Total Livestock and Poultry	2021	997,300				\$41,959,000
	2020	1,156,200				\$41,317,000

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	2021	112,000	Dozen	\$5.19	\$581,000
	2020	82,400	Dozen	\$3.94	\$324,000
Wool	2021	72,700	Pound	\$2.11	\$153,000
	2020	53,600	Pound	\$1.78	\$105,000
Miscellaneous ¹	2021				\$22,800,000
	2020				\$20,016,000
Total Livestock and Poultry Products	2021				\$23,534,000
	2020				\$20,445,000

Figures may not add due to rounding.

1) Includes market milk.



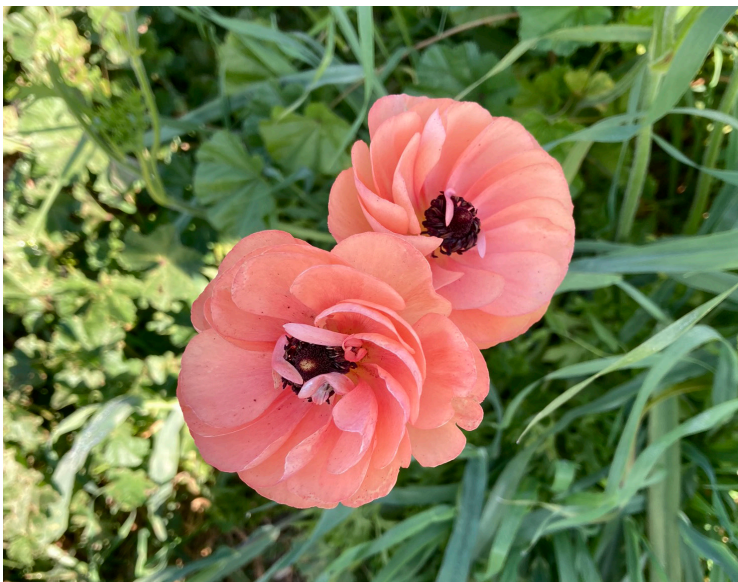
Nursery Products

ITEM	YEAR	ACREAGE	TOTAL VALUE
Nursery Stock ¹	2021	1,270	\$42,625,000
	2020	1,235	\$37,115,000
Propagative Stock ²	2021	58	\$461,000
	2020	53	\$351,000
Total Nursery Production	2021	1,328	\$43,086,000
	2020	1,288	\$37,466,000

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 Products

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Apiary Products ¹	2021			\$937,000	
	2020			\$732,000	
Pollination ²	2021	39,000	Colony	\$169	\$6,614,000
	2020	35,000	Colony	\$129	\$5,107,000
Total Apiary Production	2021			\$7,551,000	
	2020			\$5,839,000	

Figures may not add due to rounding.

1) Apiary products include beeswax, honey, honeycomb, 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, cucurbits, prune and sunflower.



Seed Crops

CROP	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Sunflower	2021	6,830	1,329	9,077,000	Pound	\$1.16	\$10,529,000
	2020	6,610	1,600	10,588,000	Pound	\$0.99	\$10,482,000
Miscellaneous ¹	2021	850					\$1,825,000
	2020	931					\$1,011,000
Total Seed Crops	2021	7,680					\$12,354,000
	2020	7,541					\$11,493,000

Figures may not add due to rounding.

1) Includes asparagus, bean, cucurbits, onion and wheat.



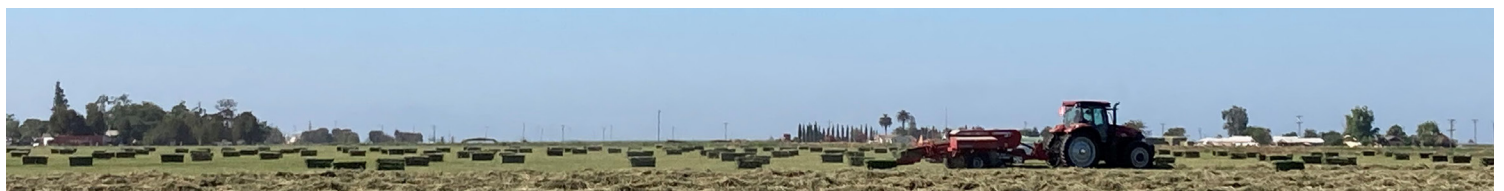
Field and Forage Crops

CROP	YEAR	HARVESTED ACRES	PRODUCTION		UNIT	VALUE		
			PER ACRE	TOTAL		PER UNIT	TOTAL	
Beans, Dry	2021	1,400	1.22	1,700	Tons	\$1,320	\$2,284,000	
	2020	2,450	1.40	3,400	Tons	\$1,010	\$3,453,000	
Corn (Grain)	2021	2,290	6.05	13,800	Tons	\$191	\$2,644,000	
	2020	2,920	5.56	16,200	Tons	\$171	\$2,780,000	
Hay	Alfalfa	2021	23,200	5.53	128,000	Tons	\$223	\$28,606,000
		2020	25,500	5.42	138,000	Tons	\$189	\$26,142,000
	Grain	2021	3,330	3.05	10,200	Tons	\$203	\$2,064,000
		2020	2,350	3.16	7,400	Tons	\$146	\$1,085,000
	Ryegrass	2021	6,160	2.60	16,000	Tons	\$194	\$3,106,000
		2020	5,390	3.10	16,700	Tons	\$142	\$2,367,000
	Sudangrass	2021	4,500	3.30	15,000	Tons	\$199	\$2,977,000
		2020	3,780	3.62	13,700	Tons	\$145	\$1,981,000
Grass/Forage	2021	4,600	2.67	12,300	Tons	\$187	\$2,301,000	
	2020	3,880	2.29	8,900	Tons	\$140	\$1,244,000	
Safflower	2021	3,140	0.41	1,290	Tons	\$315	\$406,000	
	2020	2,840	1.16	3,300	Tons	\$449	\$1,482,000	
Triticale	2021	6,560	2.66	17,400	Tons	\$202	\$3,531,000	
	2020	6,810	2.18	14,850	Tons	\$164	\$2,439,000	
Wheat	2021	11,300	2.09	23,700	Tons	\$205	\$4,861,000	
	2020	10,100	2.85	28,700	Tons	\$159	\$4,563,000	
Miscellaneous ¹	2021	4,670						\$4,194,000
	2020	6,290						\$4,768,000
Pasture Acreage					Value Per Acre			
Irrigated	2021	18,400			Acre	\$138	\$2,541,000	
	2020	18,300			Acre	\$116	\$2,130,000	
Rangeland ²	2021	187,600			Acre	\$18	\$3,309,000	
	2020	187,700			Acre	\$24	\$4,505,000	
Total Field Crops	2021	277,150					\$62,824,000	
	2020	278,310					\$58,939,000	

Figures may not add due to rounding.

1) Includes barley, corn silage, safflower grain (bird seed), straw, sunflower oil and teff.

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, Export 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 2021, a total of 966 premise visits occurred at shipping terminals, nurseries and residences. During these visits 7,214 shipments of plant material, seed, and household goods were inspected. A total of 155 shipments were rejected for live pests, material not properly certified, or improper container markings. Rejected plant material is returned to the shipper, reconditioned and released, or destroyed.

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 2021, 24,703 trap inspections were conducted on a total of 3,119 traps in service throughout the county.

In July, the Solano County Pest Detection Team trapped a Japanese beetle at the Travis Air Force Base Chapel. The chapel grounds were selected as a monitoring site because of its turf and ornamental rose landscaping, both primary hosts desirable to the beetle. Due to this find an additional 50 traps were placed at Travis Air Force Base increasing the total number of traps on the Base to 108. Further surveys recorded no additional detections.

Travis Air Force Base is at high-risk for Japanese beetle introductions because the Base receives shipments from all over the world. It is not uncommon for a hitchhiking beetle in an infested area to find its way into an aircraft cargo bay and be accidentally transported across the country. Air Force bases and airports within Japanese beetle infested areas in the central and eastern U.S. work with USDA and local officials to survey for beetles and when necessary treat aircraft prior to departure to prevent outward pest movement.

Beginning in April 2021, 24 pest detection traps were deployed at campgrounds and recreational areas in Solano

County for the detection of two different species of tree killing beetles known as invasive shot hole borers: the Kuroshio shot hole borer (*Euwallacea kuroshio*) and the polyphagous shot hole borer (*Euwallacea whitfordiodendrus*).

Invasive shot hole borers have a broad host range, damaging trees and introducing a deadly fungal disease called Fusarium dieback. Already in southern California, where thousands of trees have been killed, these pests have the potential to cause serious damage and death of numerous trees if allowed to establish in northern California.

Pest Eradication. Following successful efforts in 2014 and 2016 to eradicate the parasitic weed Egyptian broomrape from Solano tomato fields, a third detection was found in a tomato field in 2021. Prompt reporting of the pest by the grower resulted in rapid containment and effective treatment measures. 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 2022 to ensure complete eradication.

The **Pierce's Disease Control Program** works to prevent the spread of the glassy-winged sharpshooter into Solano County, which is the main insect vector of Pierce's disease. In 2021, Agricultural Biologists and Aides inspected 655 shipments of nursery stock arriving from sharpshooter-infested California counties. In September, a single glassy-winged sharpshooter was trapped at a retail nursery in Fairfield triggering a local delimitation survey. Biologists and Aides performed visual surveys around the nursery and made 180 trap checks in the area to prevent establishment of a sharpshooter infestation.

Nursery Inspection. Agricultural Biologists inspected 10 production nurseries, encompassing 1,231 acres for pests and diseases. Local nurseries produce a variety



Japanese Beetle

Japanese Beetle Trap

of nursery stock including ornamental plants, sod (turfgrass), vegetable plants and fruit trees for sale within California as well as to other states and countries.

The **Phytosanitary Certification Program** ensures that plants and plant commodities shipped to other states or foreign countries are free from injurious pests.

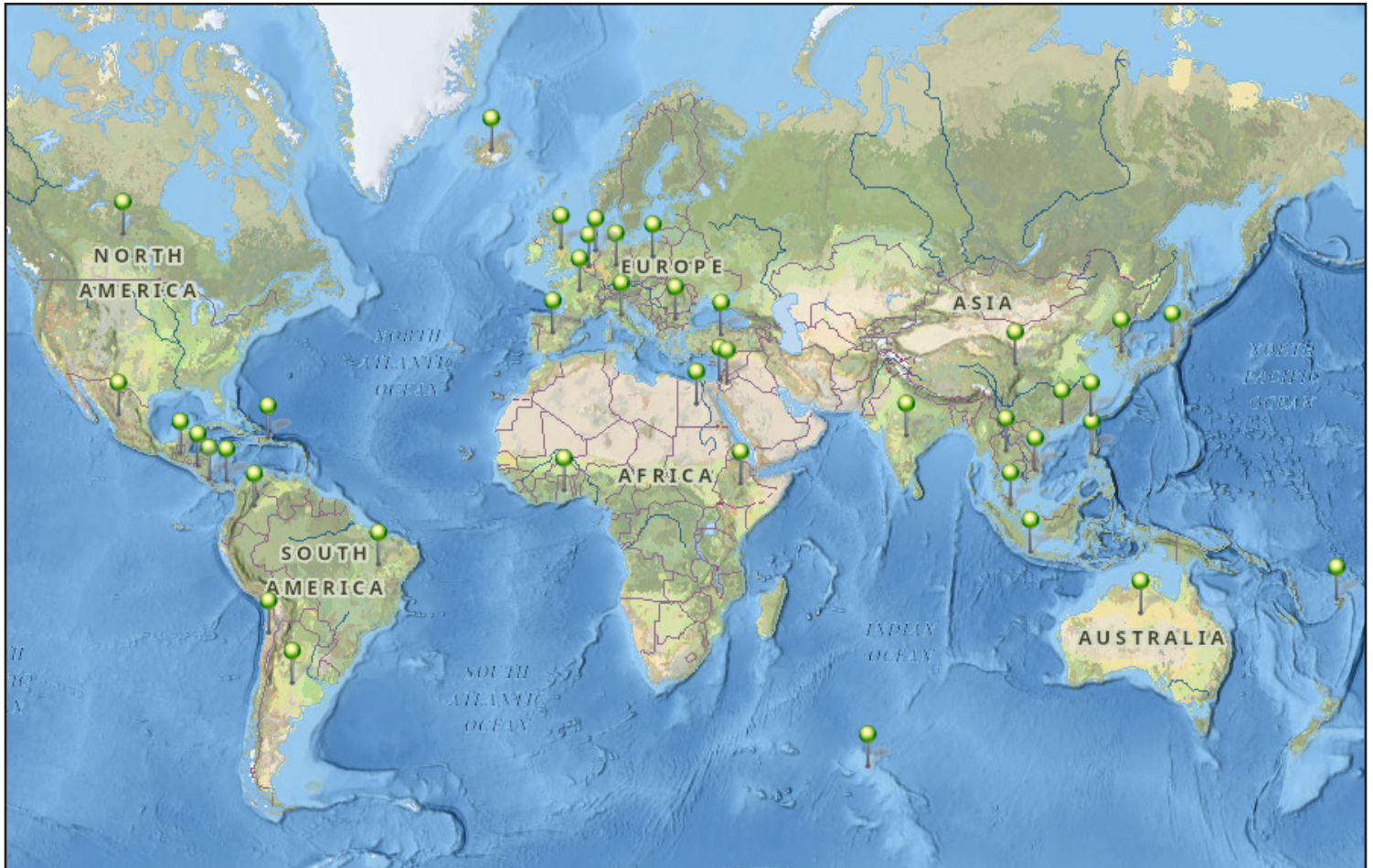
Biologists and Aides performed 1,228 phytosanitary field inspections on 7,680 acres of seed crops.

The **Sudden Oak Death** program's purpose is to prevent the spread of the disease caused by the pathogen *Phytophthora ramorum*. Biologists conducted 48 sudden oak death inspections at 4 production shipping nurseries.



Target Pest	Hosts	No. of Traps	No. of Trap Servicing
Asian Citrus Psyllid	Ornamental/Nursery	294	1,320
European Grapevine Moth	Vineyards	377	2,066
Glassy-Winged Sharpshooter	Nursery/Urban Landscaping	1,125	10,621
Spongy Moth	Shade Trees	237	1,159
Japanese Beetle	Turf/Roses	316	1,325
Light Brown Apple Moth	Nursery/Urban Landscaping	130	1,170
Mediterranean Fruit Fly	Fruit Trees	231	2,438
Melon Fruit Fly	Vegetables	88	984
Oriental Fruit Fly	Fruit Trees	86	957
Other Fruit Flies	Fruit Trees/Vegetables	88	1,729
Asian Gypsy Moth	Trees/Shrubs	69	503
Rosy Moth	Deciduous Trees	18	110
Nun Moth	Coniferous/Deciduous Trees	18	111
Siberian Silk Moth	Coniferous/Deciduous Trees	18	114
Invasive Shot Hole Borers	Trees/Shrubs	24	96

Exports



In 2021, the Solano County Agriculture Department issued 824 Federal Phytosanitary Certificates for agricultural commodities bound for export to 41 countries, including:

- | | | |
|--------------------|-----------------------------|----------------|
| Argentina | French Southern Territories | Mexico |
| Australia | Germany | Netherlands |
| Belgium | Ghana | Nicaragua |
| Brazil | Guatemala | Panama |
| Canada | Hong Kong | Philippines |
| Chile | Iceland | Poland |
| China | India | Romania |
| Colombia | Indonesia | Spain |
| Costa Rica | Israel | Taiwan |
| Dominican Republic | Italy | Thailand |
| Egypt | Japan | Turkey |
| Ethiopia | Jordan | United Kingdom |
| Fiji | Republic of Korea | Viet Nam |
| France | Malaysia | |

Commodities Certified for Export

- Alfalfa
- Almonds
- Dried Fruit
- Endive
- Nursery Stock
- Oak Wine Barrels
- Ryegrass
- Sudangrass

Certified Farmers' Markets



Certified Farmers' Markets allow producers of agricultural commodities to sell directly to the public. Anyone who wishes to sell at a certified farmers' market must obtain a Certified Producers Certificate from the Agricultural Commissioner in the county where the commodity was grown. Certificates were issued to 34 producers and 5 Farmers' Markets in 2021 by the Agricultural Commissioner's Office to market local and regional produce in Solano County. The list below contains the current Certified Farmers' Markets in Solano County along with their 2022 scheduled market times.

Benicia Certified Farmers' Market

Time: Thursdays 4:00 p.m. – 8:00 p.m.
Months of Operation: April to October
Location: First Street between B & D Streets, Benicia

Fairfield Certified Farmers' Market

Time: Thursdays 3:00 p.m. – 7:00 p.m.
Months of Operation: May to October
Location: Texas St. between Webster St. and Jefferson Streets, Fairfield

Vacaville Certified Farmers' Market

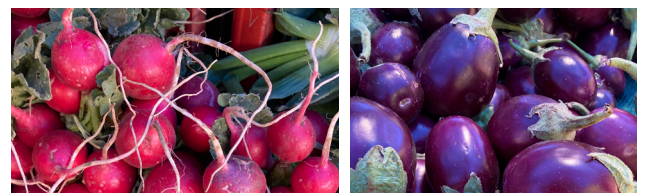
Time: Saturdays 8:00 a.m. – 12:00 p.m.
Months of Operation: May to October
Location: Creek Walk Plaza, Andrews Park, 614 Monte Vista Ave., Vacaville

Vallejo Certified Farmers' Market

Time: Saturdays 9:00 a.m. - 2:00 p.m.
Months of Operation: Year Round
Location: 400 Georgia Street (at Georgia and Marin St.), Vallejo, CA 94589

Vacaville Kaiser Certified Farmers' Market

Time: Tuesdays 9:30 a.m. – 1:30 p.m.
Months of Operation: Year-Round
Location: 1 Quality Dr. Vacaville



Weights and Measures



Liquefied petroleum gas (propane) delivery truck meter inspection

Ensuring you get what you pay for, since 1850

Measuring Devices	Number Inspected	Compliance Rate
Retail Motor Fuel Meters	4,335	95%
Submeter - Electric, Vapor, Water	197	84%
Retail Water Meters	47	77%
LPG Meters	44	73%
Fabric, Cordage, Wire, Meters	35	94%
Taxi Meters, Odometers	30	97%
CNG Meters	2	100%
Misc. Measuring Devices	13	92%
Devices Inspected	4,703	
Average Compliance Rate	94%	

Weighing Devices	Number Inspected	Compliance Rate
Computing, Counter Scales	991	92%
Crane, Hanging, Hopper Scales	39	100%
Dormant/Portable Platform Scales	89	85%
Vehicle Scales	68	90%
Livestock and Animal Scales	30	77%
Railway Scale	1	100%
Monorail Scales	2	100%
Misc. Weighing Devices	5	20%
Devices Inspected	1,225	
Average Compliance Rate	91%	





SOLANO COUNTY
Department of Agriculture,
Weights and Measures

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