



# CROP REPORT

YUBA COUNTY 2021





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AND AGRICULTURE**

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August 2022

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2021 Crop Report for Yuba County. This report represents estimated acreage, yield, and gross value of agricultural products in Yuba County.

The gross value of Yuba County's agricultural production for 2021 is \$278,931,580 up approximately 29% from the 2020 value estimate of \$215,152,000. The increase in value can be attributed to the increase in commodity prices for rice, walnuts, kiwi, prunes, livestock and almonds. Peaches and timber declined in value due to decreases in yield and price. The overall value of Yuba County's agricultural production remains strong with this year's values nearly reaching the counties all time high of \$281 million in 2014. The figures presented in this report are estimated gross values with no consideration of production costs and do not reflect net income to producers.

Higher prices for many crops benefited many producers in 2021, but fluctuating commodity prices continue to pose significant challenges for producers in the long run. The rank of the counties top two crops remained the same in 2021. Rice remained Yuba County's top crop generating \$100 million in gross value. At \$55 million, walnuts remained second in rank. Prunes/Dried Plums take over third place amidst increasing values at \$28 million. Livestock-All drops to number four at \$25 million despite increasing in value from the previous year.

The contribution of agriculture to the economy of Yuba County is not totally reflected in the values contained in this report. Processing, transporting, marketing and other farm related services directly or indirectly tied to agriculture, benefited appreciably. According to a recent study conducted by Agricultural Impact Associates, Yuba County's agricultural industry can be estimated to have returned an additional 62.5% of the gross agriculture value for an estimated total value of \$453,263,817 in 2021. Agriculture accounts for 1 out of every 11 jobs in Yuba County.

My sincere appreciation goes to all the agricultural producers, businesses, boards and commissions who provided information for this report. Special recognition goes to department employee Steven Anderson who compiled this report.

Respectfully submitted,



**Stephen M. Scheer**

Agricultural Commissioner





# YUBA COUNTY AT A GLANCE

One of California's original 27 counties founded on February 18th in 1850, Yuba County is California's gateway to the historic Mother Lode Country, with a diverse landscape that boasts grand rivers, thriving farmland, friendly communities and numerous recreational possibilities that extend into the Sierra foothills. Our communities have that small town feel that so many people are seeking. With a population just over 78,200 people, residents enjoy relaxed living and affordable housing, while both ocean beaches and mountain skiing are only a couple of hours away. And, amazingly, the county's border is just 30 minutes north of the State Capitol in Sacramento.

Yuba County also enjoys an excellent school system and is home for Yuba Community College, which offers opportunities for higher education and personal enrichment. For those seeking an advanced degree, California State Universities at Chico and Sacramento and the University of California at Davis are all within an hour's drive.

At the heart of our county is historic Marysville, framed up on two sides by the Yuba and Feather Rivers. To the south of Marysville, you will find communities with their own rich places in history -- including Linda, Olivehurst, an Arboga, as well as our newest community Plumas Lake. This stretch of the county is also where you will find the Toyota Amphitheatre, our state-of-the-art venue for outdoor concerts, and the Yuba-Sutter Gold Sox, a collegiate league baseball team, makes its home in Marysville. And you can always count on encountering numerous local events, active theater and arts groups, social and service clubs and year-round festivals and fairs.

To the north is a place we call District 10, named after the reclamation district but characterized by its booming agricultural businesses, which provides the foundation for much of Yuba County's economic strength. As you travel along Hwys 70 and 20 through that area, watch for signs advertising fruit and vegetable stands, where you can get a fresh taste of the bounty that grows from the region's rich soil.

Slip into the foothills of Yuba County and you will discover abundant recreational activities including boating, camping, and fishing. It's just a short drive to Bullards Bar Dam (the fifth largest curvature dam in the United States) and Reservoir, Collins Lake, Lake Francis and over 25,000 acres of wildlife area that includes National Forest Land. And it's only a short walk or drive from downtown Marysville to the vast Riverfront Park, where you will find boating, picnicking, several soccer fields and motocross tracks.

We also are host county to another gem that we like to talk about: Beale Air Force Base. It's nestled just outside of Wheatland, the second of two cities in Yuba County. Beale AFB is where the Air Force parks its most significant technology. It's a base with missions that focus on reconnaissance, providing maintenance, training, and pilots for a variety of aircraft that use both new and old technology. Beale AFB is home to the high altitude reconnaissance U-2 and the unmanned Global Hawk, among others.



# Agriculture and Yuba County's General Plan

Approximately 272,480 acres, or 66 percent of the total county area, are comprised of agricultural croplands and pasture. The value of agricultural land, however, is not limited to the provision of food, fiber and jobs. Agricultural land also provides open space which has both psychological and aesthetic benefits, and provides important wildlife habitat. The importance of agricultural land preservation can, therefore, be viewed from both an economic and environmental perspective.

Yuba County recognizes the importance of agricultural land and the need to place an emphasis on its preservation. The County's desire to preserve its most valuable farmland and to support the economic viability of the agricultural economy is reflected in goals, objectives, policies and implementation strategies set forth in its General Plan.





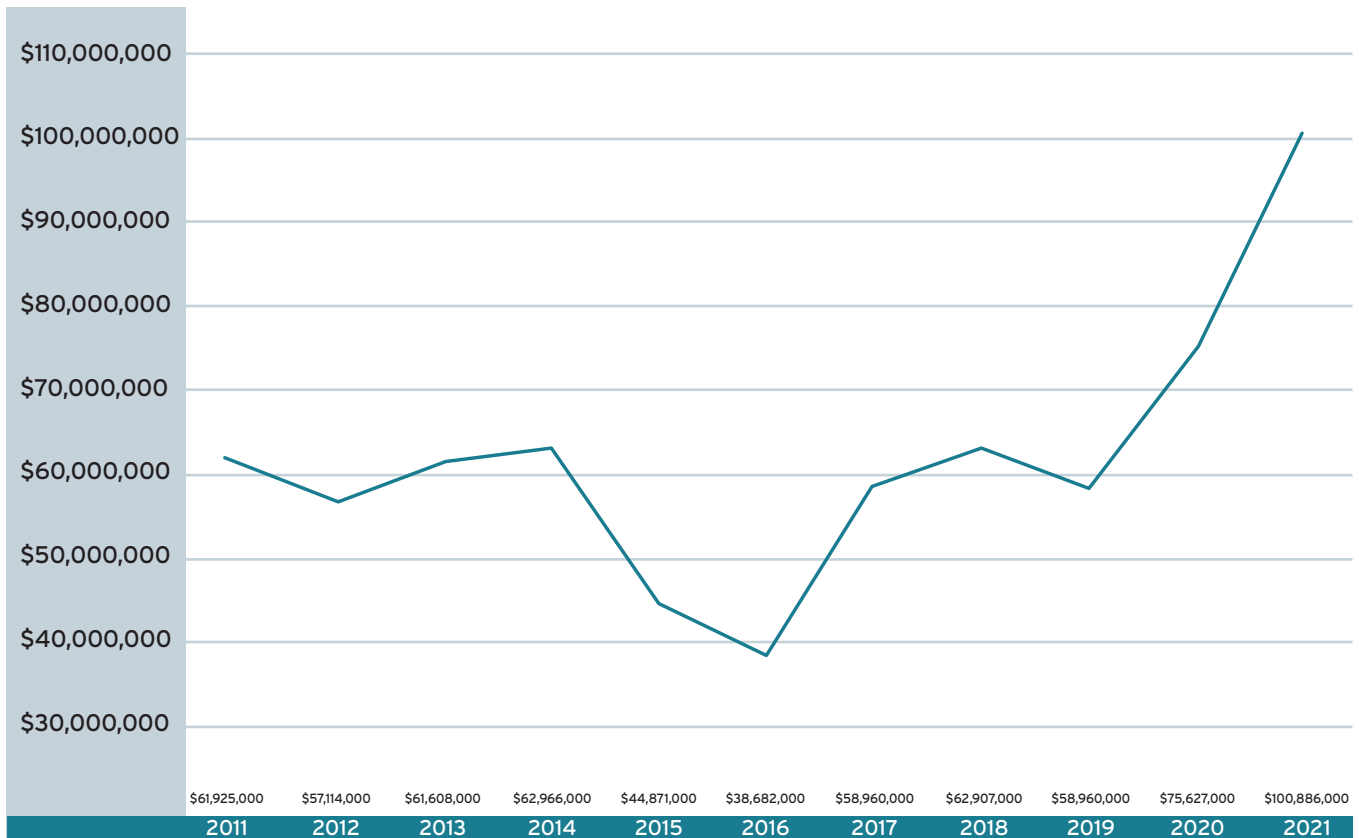


## LEADING AGRICULTURE COMMODITIES

CROP	2021 CROP VALUE	2021 RANK	2020 RANK
Rice	\$100,886,000	1	1
Walnut	\$55,705,000	2	2
Prune/Dried Plum	\$28,801,000	3	4
Livestock - All	\$25,059,000	4	3
Kiwi	\$19,586,000	5	6
Peach, Cling	\$11,645,000	6	5
Almonds - All	\$6,789,000	7	7
Pasture - All	\$5,692,000	8	8
Nursery Stock	\$4,663,000	9	9
Timber	\$37,580	10	10



# HISTORIC RICE TRENDS



# LEADING CROP SUMMARY

Rice	\$25,259,000	Increase in Price
Walnuts	\$18,127,000	Increase in Price
Kiwi	\$13,598,000	Increase in Price
Prune/Dried Plum	\$6,204,000	Increase in Price
Livestock - All	\$1,591,000	Increase in Price
Almonds - All	\$701,000	Increase in Harvested Acres and Price
Timber	-\$2,123,420	Decrease in Yield and Price
Peach, Cling	-\$4,480,000	Decrease in Yield

# FIELD & VEGETABLE CROPS

	PRODUCTION					VALUATION <sup>1</sup>	
CROP	YEAR	HARVESTED ACREAGE	PER ACRE	TOTAL	UNITS	UNIT VALUE	TOTAL VALUE
Hay - Alfalfa	2021	237	6.00	1,422	TONS	\$225	\$320,000
	2020	240	7.20	1,728	TONS	\$240	\$415,000
Hay - Other <sup>2</sup>	2021	1,333	3.67	4,892	TONS	\$308	\$1,507,000
	2020	1,406	2.70	3,796	TONS	\$200	\$759,000
Pasture - Irrigated <sup>3</sup>	2021	8,757	1.00	8,757	ACRES	\$180	\$1,576,000
	2020	8,757	1.00	8,757	ACRES	\$180	\$1,576,000
Pasture - Dryland <sup>3</sup>	2021	187,110	1.00	187,110	ACRES	\$22	\$4,116,000
	2020	187,110	1.00	187,110	ACRES	\$22	\$4,116,000
Rice	2021	34,322	4.26	146,212	TONS	\$690	\$100,886,000
	2020	38,234	4.30	164,406	TONS	\$460	\$75,627,000
Nursery	2021	62	---	---	---	---	\$4,663,000
	2020	52	---	---	---	---	\$3,911,000
Misc. Field, Vegetable & Seed <sup>4</sup>	2021	4,243	---	---	---	---	\$11,123,000
	2020	4,199	---	---	---	---	\$8,517,000
<b>TOTAL</b>	<b>2021</b>	<b>236,064</b>					<b>\$124,191,000</b>
	<b>2020</b>	<b>239,998</b>					<b>\$94,921,000</b>

<sup>1</sup> Rounding may alter totals slightly.

<sup>2</sup> Includes Oat, Ryegrass, Sudan, and Grass Hay. Name change from Hay - All to Other as this category never included Alfalfa Hay.

<sup>3</sup> The valuation is not an animal production figure, but a land value (rental equivalent).

<sup>4</sup> Corn-Grain, Corn-Silage, Miscellaneous Silage, Oat (Grain), Pumpkins, Safflower, Squash, Corn-Sweet, Corn-Ornamental, Wild Rice, Wheat, Miscellaneous Vegetable, Nursery, and Seed.



# LIVESTOCK & APICULTURE

	PRODUCTION				VALUATION <sup>1</sup>	
CROP	YEAR	NUMBER OF HEAD	TOTAL	UNITS	UNIT VALUE	TOTAL VALUE
Livestock - All	2021					\$25,059,000
	2020					\$23,468,000
Pollination <sup>1</sup>	2021	----	11,580	Colonies	\$59.69	\$691,000
	2020	----	10,855	Colonies	\$48.84	\$530,000
<b>TOTAL</b>	<b>2021</b>					<b>\$25,750,000</b>
	<b>2020</b>					<b>\$23,998,000</b>

<sup>1</sup> Number of Colonies needed to pollinate Tree and Vegetable Crops (Almond, Squash, etc.)

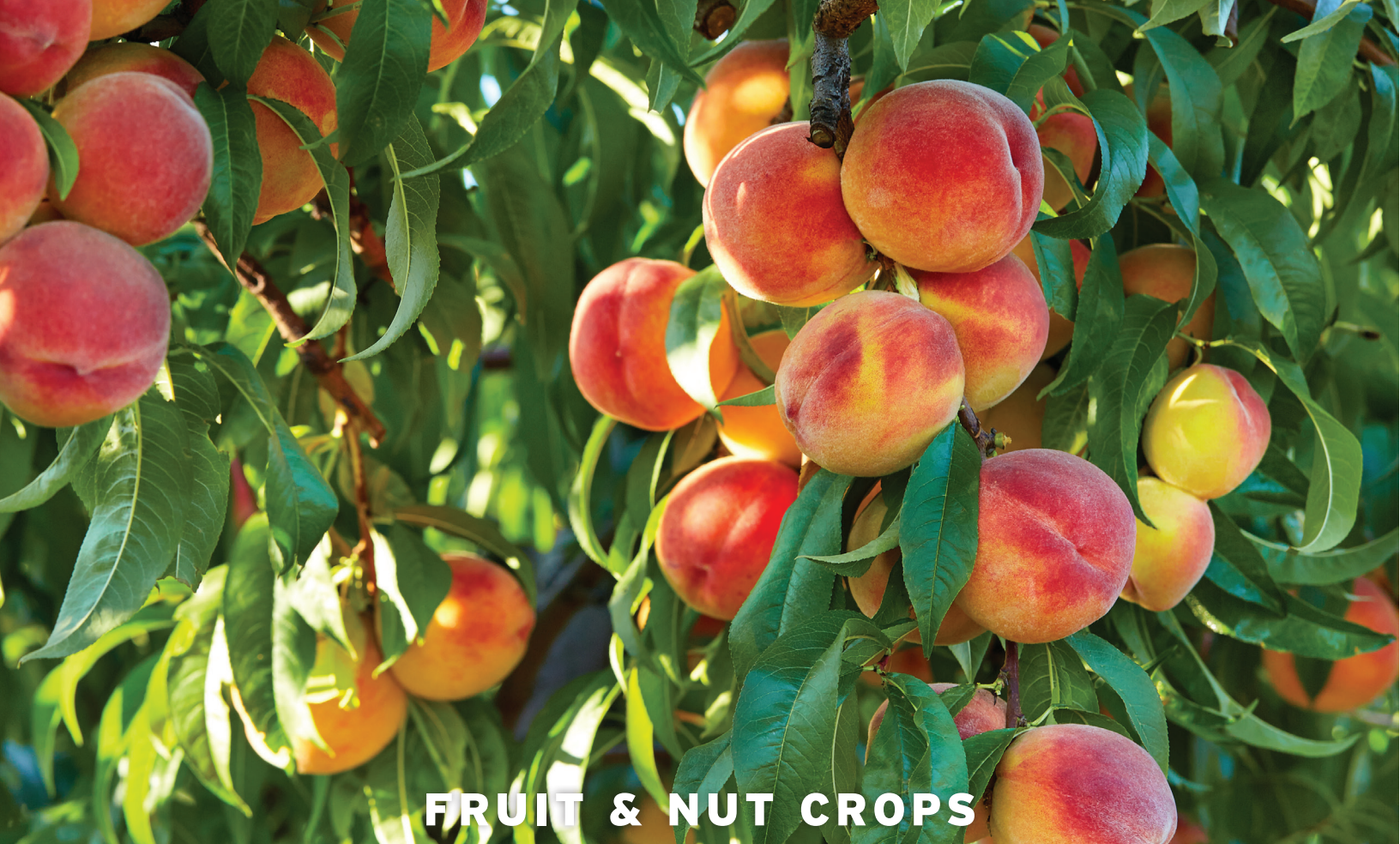


# TIMBER

CROP	YEAR	PRODUCTION	UNIT	VALUATION
Timber	2021	1,113,000	B.F. <sup>1</sup>	\$37,580
	2020	10,064,000	B.F. <sup>1</sup>	\$2,161,000

<sup>1</sup> B.F. means Board Feet.





## FRUIT & NUT CROPS

	PRODUCTION					VALUATION <sup>1</sup>	
CROP	YEAR	HARVESTED ACREAGE	PER ACRE	TOTAL	UNITS	UNIT VALUE	TOTAL VALUE
Almond - TOTAL	2021	2,637	----	----	----	----	\$6,789,000
	2020	1,831	----	----	----	----	\$6,088,000
Almond - Nuts	2021	2637	0.62	1,635	TONS	\$4,040	\$6,605,000
	2020	1,831	0.95	1,739	TONS	\$3,420	\$5,947,000
Almond - Hulls	2021	----	----	2,044	TONS	\$90	\$184,000
	2020	----	----	2,174	TONS	\$65	\$141,000
Kiwi <sup>2</sup>	2021	843	6.49	5,471	TONS	\$3,580	\$19,586,000
	2020	825	3.05	2,516	TONS	\$2,380	\$5,988,000
Peach - Cling	2021	2,098	9.57	20,078	TONS	\$580	\$11,645,000
	2020	2,191	15.05	32,975	TONS	\$489	\$16,125,000
Prune/Dried Plum	2021	7,003	2.12	14,846	TONS	\$1,940	\$28,801,000
	2020	7,108	1.70	12,084	TONS	\$1,870	\$22,597,000
Walnut - English	2021	17,193	2.25	38,684	TONS	\$1,440	\$55,705,000
	2020	16,776	2.00	33,552	TONS	\$1,120	\$37,578,000
Misc. Fruit & Nut Crops <sup>3</sup>	2021	727	----	----	----	----	\$6,427,000
	2020	532	----	----	----	----	\$5,696,000
<b>TOTAL</b>	<b>2021</b>	<b>30,501</b>					<b>\$128,953,000</b>
	<b>2020</b>	<b>29,263</b>					<b>\$94,072,000</b>

<sup>1</sup> Rounding may alter totals/computations slightly.

<sup>2</sup> 2020 acreage was revised down.

<sup>3</sup> Apple, Apricot, Blackberry, Cherry, Citrus, Table & Wine Grape, Nectarine, Olive (for Oil), Pear (Asian, European, Fresh and Processing), Persimmon, Peach (Freestone), Plum/Pluot, fresh Prune, Pomegranate, Strawberry, and Other Miscellaneous Fruit.



# FRUIT & NUT CROP ACREAGE

ORCHARD AND VINE CROPS	BEARING	NON-BEARING <sup>1</sup>	TOTAL
Almond	2,637	1,517	4,154
Kiwi	843	428	1,271
Misc. Fruit & Nut <sup>2</sup>	727	8	735
Peach – Cling	2,098	125	2,223
Prune	7,003	168	7,171
Walnut – English	17,193	2,883	20,076
<b>TOTAL</b>	<b>30,501</b>	<b>5,129</b>	<b>35,630</b>

<sup>1</sup> Includes acres not harvested due to economic or weather related reasons.  
<sup>2</sup> Apple, Apricot, Blackberry, Cherry, Citrus (including Mandarin), Grape-wine, Grape-table, Nectarine, Peach-freestone, Olive-oil, Pear (Asian, Bartlett, and Other), Persimmon, Pistachio, Plum/Pluot, and Pomegranate.

# CROP ACREAGE HARVESTED

	2021	2020	2019	2018
Fruit and Nut Crops	30,501	29,263	30,200	30,078
Field and Vegetable Crops	236,064	239,998	239,761	241,474
<b>Total Acreage Harvested</b>	<b>266,565</b>	<b>269,261</b>	<b>269,961</b>	<b>271,552</b>







## FOUR YEAR SUMMARY

	2021	2020	2019	2018
Fruit and Nut Crops	\$128,953,000	\$94,072,000	\$127,300,000	\$120,419,000
Field and Vegetable Crops	\$124,191,000	\$94,921,000	\$81,411,000	\$87,897,000
Timber	\$37,580	\$2,161,000	\$2,544,000	\$12,231,000
<b>Total Crop Values</b>	<b>\$253,181,580</b>	<b>\$191,154,000</b>	<b>\$211,255,000</b>	<b>\$220,547,000</b>
Livestock - All	\$25,059,000	\$23,468,000	\$22,786,000	\$21,016,000
Apiculture	\$691,000	\$530,000	\$493,000	\$449,000
<b>Total Agricultural Value</b>	<b>\$278,931,580</b>	<b>\$215,152,000</b>	<b>\$234,534,000</b>	<b>\$242,012,000</b>



# CERTIFIED FARMERS' MARKETS

39 Certified Producers & 2 Farmers' Markets

## **Brownsville Farmers Market**

16911 Willow Glen Road  
Brownsville

**MAY – SEPTEMBER**

Friday's: 3pm-7pm

## **Dobbins Farmers Market**

9765 Marysville Road  
Dobbins

**JUNE – DECEMBER**

Saturday's: 10am-2pm



## ORGANIC FARMS

In 2021, Yuba County had 29 growers of organic commodities farming an estimated 2,493 acres. The organic crops produced include: Berries, carrots, celery, citrus, grapes (table & dried), herbs, kiwis, mushroom, nectarines, nuts, olives (curing & oil), pasture (livestock), pomegranates, rice, stone fruits, strawberries, tomatoes, and miscellaneous vegetables.



# BIOLOGICAL CONTROL

PEST	CONTROL MECHANISM	SCOPE OF PROGRAM
Ash White Fly <i>Siphoninus phillyreae</i>	Stingless Wasp <i>Encaria nr. inaron</i>	Found in general distribution throughout county
Puncture Vine <i>Tribulus terrestris</i>	Stem & Seed Weevils <i>Macrolainus lypriformis, Macrolainus larenyii</i>	Found in general distribution throughout county
Yellow Star Thistle <i>Centaurea solstitialis</i>	Bud Weevil <i>Bangasternus orientalis</i>	Found in most areas of the county
	Seedhead Gall Fly <i>Urophora sirunaseva</i>	Found in most areas of the county
	Seedhead Fly <i>Chaetorellia spp.</i>	Found in most areas of the county
	Hairy Weevil <i>Eustenopus villosus</i>	Found in most areas of the county
	Yellow Star Thistle Rust Fungus <i>Puccinia jaceae var. solstitialis</i>	Two monitored sites
Klamath Weed <i>Hypericum perforatum</i>	Klamath Weed Beetle <i>Chrysolina quadrigemina</i>	Found in general distribution throughout county
Red Gum Lerp Psyllid <i>Glycaspis brimblecombei</i>	Encyrtid Parasitoid Wasp <i>Psyllaephagus bliteus</i>	Found in general distribution throughout county



# PEST ERADICATION

PEST	CONTROL MECHANISM	SCOPE OF PROGRAM
Hydrilla <i>Hydrilla verticillata</i>	Mechanical, Chemical Installed concrete lining to canal	1000 feet of canal
Skeleton Weed <i>Chondrilla juncea L.</i>	Chemical	Twelve sites
Silverleaf Nightshade White Horsenettle <i>Solanum elaeagnifolium</i>	Chemical	Two sites
Russian Knapweed <i>Acroptilon repens (L.) DC</i>	Chemical	Two sites
Artichoke Thistle <i>Cynara cardunculus</i>	Chemical, Mechanical	One site



# PEST EXCLUSION

## PEST EXCLUSION

211 UPS/Other Shipments/Packages Profiled/Inspected





## SUMMARY OF ACTIVITIES

PROGRAMS	HOURS	DESCRIPTION
Apiary	180	The apiary program serves to protect crops in need of pollination through colony strength inspections. It also serves to protect colonies through the registration and notification process.
Crop Statistics	266	The purpose of the crop statistics program is to collect agriculture production statistics for private businesses and governmental agencies. Crop statistics are also used to assist in disaster assistance, ag land use, and planning issues.
Fruit, Nuts & Vegetable	198	The purpose of the fruit, nut, and vegetable program is to ensure the consumer is offered fresh, healthy properly labeled, and packaged agricultural commodities through enforcement of State standards pertaining to fruits, nuts, vegetables, honey, and eggs sold at wholesale and retail outlets including certified, noncertified farmers markets and organic programs throughout Yuba County.
Nursery & Hemp	158	The goal of the nursery program is to provide consumers with pest free nursery stock and to provide agriculture with graded and standardized products by inspecting incoming and locally produced nursery stock.
Pest Exclusion	1856	Pest exclusion plays an important role in the protection of agricultural commodities. The goal of this program is to stop the spread of invasive exotic pests before they are introduced into the county. Insuring this protection enables the county to export agriculture products to a larger number of foreign countries.
Pest Detection	576	The purpose of pest detection is to survey for exotic pests that are considered a threat to agriculture.
Pest Management	2032	The purpose of the pest management program is to contain pests of economic importance.
Pest Eradication	243	The pest eradication program is critical to protecting agriculture. Once an exotic pest has been detected in the county, the goal of this program is its removal.
Pesticide Use Enforcement	9161	The pesticide use enforcement program is an ongoing effort to protect the public, pesticide applicators, field workers, the environment and agricultural crops from the potential harmful effects of pesticides. This is accomplished through regulating the activities of licensed pest control operators, farm labor contractors, pest control advisors, pesticide dealers, certified applicators and private applicators, their employees, and other users throughout the county to ensure proper pesticide use.
Seed	50	The goal of the seed program is to provide good quality seed for agricultural and home use. Seed inspections are conducted to determine if the seed is properly labeled ensuring that the seed meets germination and purity standards. Seeds are also tested to for freedom from harmful weed seeds.
Weights & Measures	1008	The weights and measures program is an ongoing effort to minimize measurement error in commercial transactions by inspecting and testing all commercial weighing and measuring devices. The includes the regulation of advertising, quality, and labeling standards for most petroleum products. The program also regulates the labeling of packaged goods, as well as the statement of quantity for those goods.



## PHYTOSANITARY EXPORT

In 2021, 336 Phytosanitary Certificates were issued for commodities grown in Yuba County.

A total of 16,606,712 pounds of Grapevine, Kiwi, Peat, Pistachio, Prune (dried), and Walnuts were exported to the following countries: Bahrain, Brazil, Canada, China, Egypt, Finland, France, Germany, India, Indonesia, Ireland, Israel, Italy, Japan, Jordan, Kuwait, Lebanon, Malaysia, Mexico, Nepal, Netherlands, Norway, Peru, Qatar, Saudi Arabia, Singapore, Spain, Taiwan, Thailand, Turkey, United Arab Emirates, and United Kingdom.

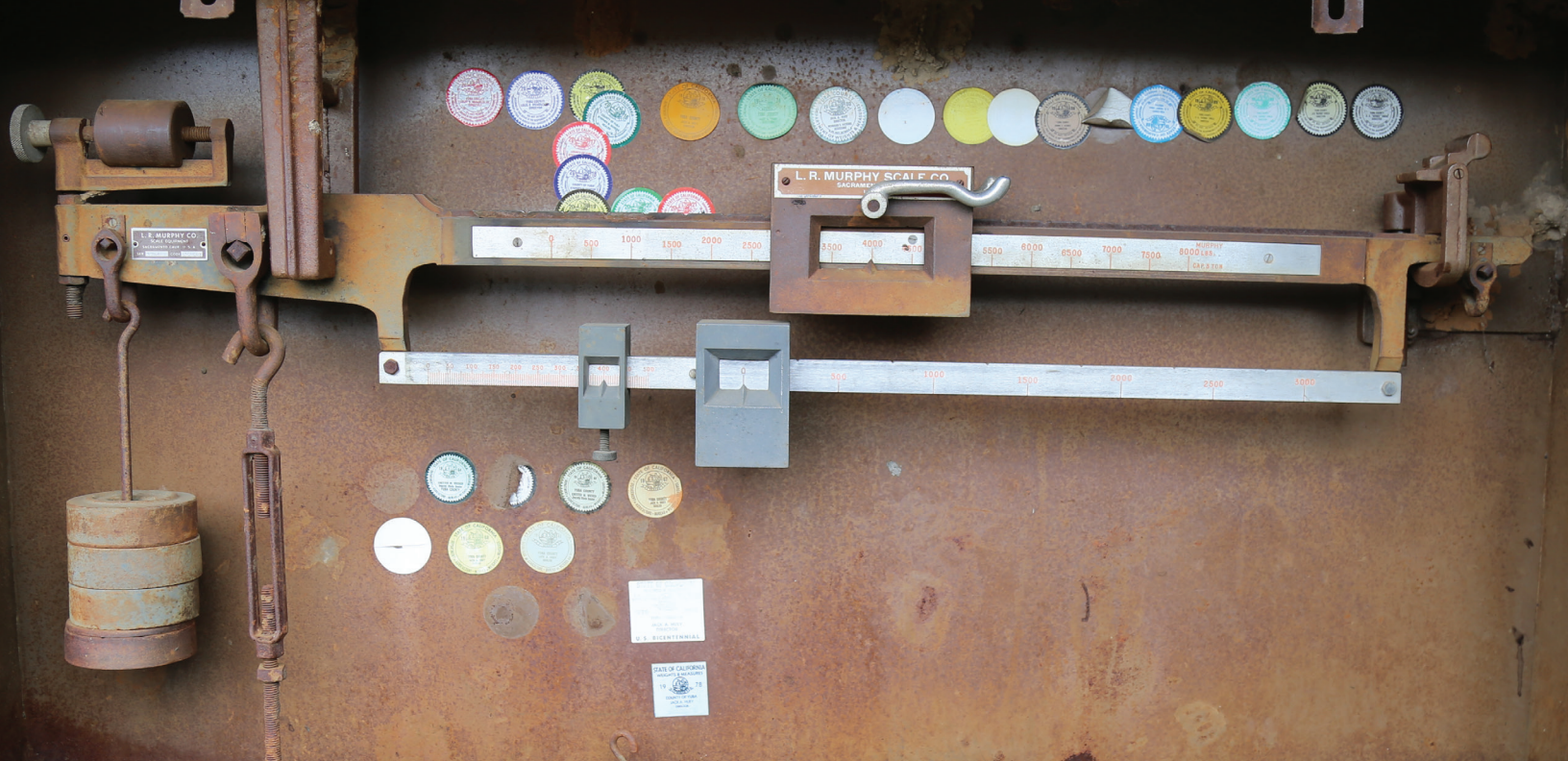
### 2021 Top Export Countries

RANK	COUNTRY	TOTAL POUNDS
1	China	5,508,167
2	Netherlands	1,584,877
3	Spain	1,535,624
4	United Kingdom	1,262,376
5	Japan	1,201,200
6	United Arab Emirates	889,473
7	Germany	730,805
8	Mexico	674,509
9	Malaysia	396,000
10	India	352,739

### 2020 Top Export Countries

RANK	COUNTRY	TOTAL POUNDS
1	India	5,853,471
2	Turkey	5,545,315
3	China	4,580,992
4	United Arab Emirates	4,129,303
5	Japan	2,475,824
6	United Kingdom	1,870,472
7	Spain	1,865,620
8	Netherlands	1,489,055
9	Lebanon	1,101,044
10	Italy	675,199





## WEIGHTS & MEASURES

### ***“May Equity Prevail”***

Since 1915 consumers in California have relied upon county Weights & Measures officials, (Sealers) to provide “Equity in the Marketplace” essential to the stability of California’s economy. As the recognized local regulatory agency the Yuba County Weights & Measures Division protects consumers and businesses engaged in local commerce, by inspecting devices and packaged goods, auditing Weighmaster operations, and enforcing petroleum regulations.

County Sealers enforce the California Business and Professions Code, and the California Code of Regulations. Sealers annually inspect a wide variety of commercial devices including: gasoline dispensers, propane, water meters, hydrocarbon vapor meters, and scales from the smallest used for buying gold, to ones used in your grocery store, and all the way up to the largest for weighing vehicles. After inspection and testing, the Sealer will affix a Seal to the device indicating to the consumer that the device can be relied upon for accuracy. Yuba County currently has 173 registered establishments with 2,237 various commercial devices shown below:

Fabric/Cordage/Wire Meters	6	Retail Motor Fuel Meters	867	Computing Scales	140	Vehicle Meters	25
LPG (Propane) Meters/Trucks	22	Retail Water Meters	30	Counter Scales	7	Vehicle Scales	46
Dormant/Portable Platform Scales	44	Prescription/Jewelry Scales	1	Livestock Scales	9	Elec., Vapor, Water Sub-meters	1029
Retail Meter (DEF)	4	Monorail Meat Beam Scale	2	Compressed Natural Gas	2	Hanging Scales	7

Ensuring equity in the marketplace involves more than inspection of devices, so the Business and Professions Code has a section dedicated to Quantity Control. Sealers enforce regulations of packaged goods by inspecting packages to determine the accuracy of net weight, measure, or count. Package labels are inspected for conformity to regulations.

Weighmaster operations are an essential part of California’s commerce. Weighmaster Certificates are recognized as legal documentation of quantities which businesses and individuals rely upon as the basis of payment. Sealers routinely audit Weighmaster operations to verify correctness of certificates, proper weighing procedures, and compliance with the California Business and Professions Code.

Another large part of the duties of county Sealers is the strict enforcement of petroleum advertising and labeling regulations. Sealers routinely visit gas stations to conduct petroleum inspections along with the testing of motor fuel meters for accuracy. Consumer complaints on gas purchases as with all other programs are given high priority and are investigated within 24 hours of receipt.

Noncommercial weighing and measuring device accuracy is often as much or more critical than the tolerances applied for commercial devices. The Sealer is often called on to test devices / scales that are used by engineering firms, state and county departments, medical facilities and various sporting events from fishing to wrestling.







# New Bullards Bar Dam and Reservoir

Yuba Water was established in 1959 to reduce flood risk and provide a sustainable water supply for the people of Yuba County. Yuba County has historically endured devastating floods, due in part to Gold Rush-era hydraulic mining practices that washed millions of cubic yards of debris into the Yuba River, raising the riverbed and increasing the flood risk.

Additionally, as gold mining gave way to farming and ranching, water users south of the Yuba River over-drafted the aquifer, causing dramatic declines in groundwater levels.

To resolve these problems, Yuba Water Agency proposed the Yuba River Development Project, a multipurpose flood control, water supply and power project that was approved in 1961. In 1966, the Federal Energy Regulatory Commission (FERC) issued a license for the project, and Yuba Water Agency completed construction in 1970.

The construction of New Bullards Bar, the fifth tallest dam in the United States, was an essential step in the long-term and continuing effort to address flood risk in the region. This state-of-the-art facility is capable of storing approximately one million acre-feet of water and is managed to contain a minimum of 170,000 acre-feet of flood flows during the storm season, significantly reducing flood risk. Water stored in the reservoir is diverted to eight irrigation districts, providing surface water to our farming community and ensuring a sustainable groundwater supply for Yuba County.

Revenue from the power generated at New Colgate Powerhouse is reinvested back into projects to further reduce flood risk, ensure a sustainable water supply and spark economic development, with a goal of improving the quality of life for the people of Yuba County.

