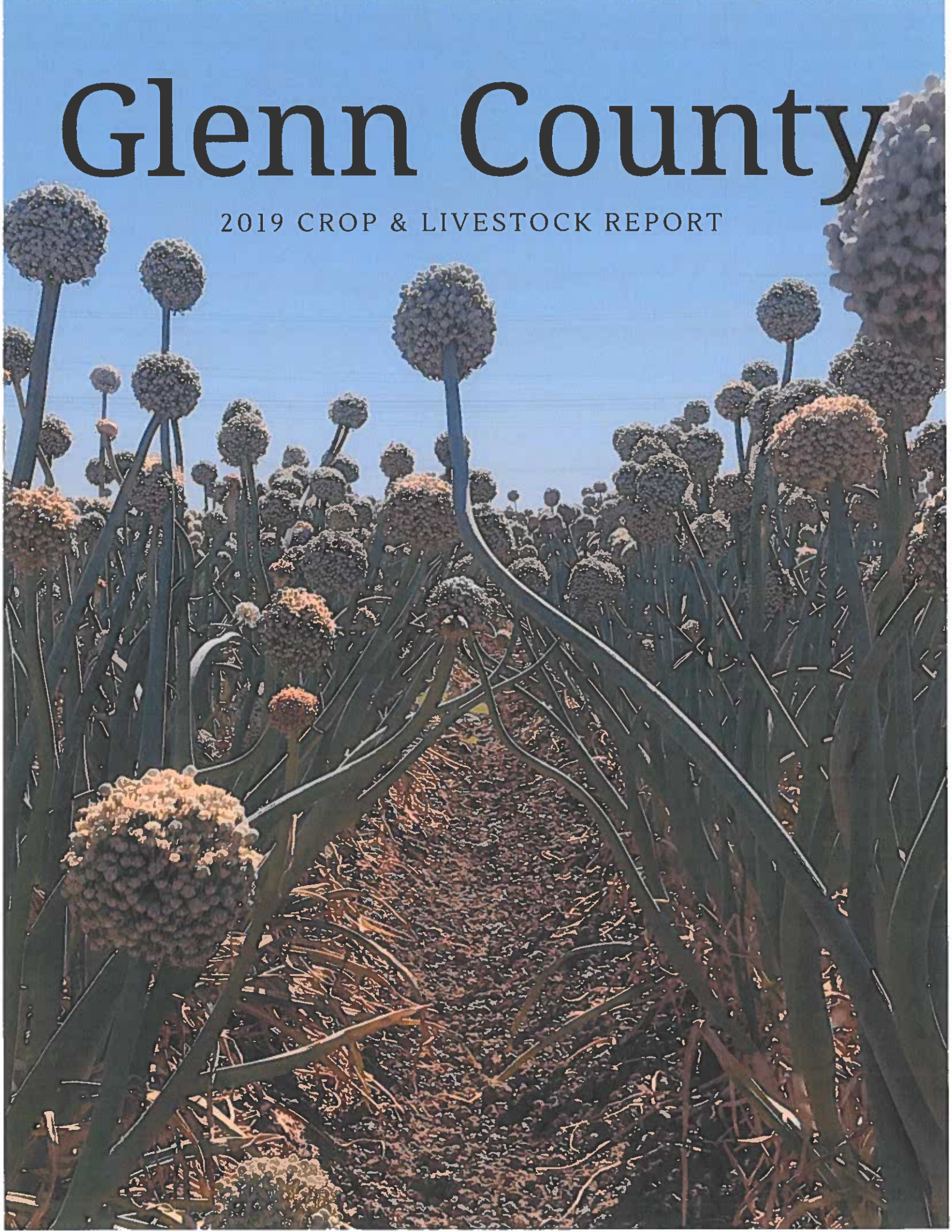


# Glenn County

2019 CROP & LIVESTOCK REPORT



This Crop Report is dedicated to the memory of  
Dorothy (Dottie) A. Lacroix  
Oct. 11, 1958 - Nov. 16, 2019



Dottie started her career with the Glenn County Department of Agriculture as a seasonal employee on April 11, 2005. She was responsible for the Pest Detection program, supporting the Olive Pest Management District with olive tree surveys and fruit fly trapping, and assisting staff with various projects and tasks as time permitted. She was always ready and willing to assist where help was needed. Her positive attitude and genuine desire to help people made Dottie a perfect fit for the Agricultural Department. In March of 2010, she was hired on full-time as a Biologist Aide where she worked until a front office position opened. Working as a Senior Secretary over the past several years, she was responsible for scheduling grower permits, meeting and greeting the public, entering use reports, restocking office supplies, and processing payroll.

Dottie didn't take herself too seriously and was known for her quick wit. She was also quite an accomplished billiards player and although her small stature may have fooled some, they soon learned not to underestimate her at the tables. A strong lady with a kind heart, she volunteered her time locally with various community programs and was always ready to help her work family whenever they were in need.

If you were to visit our office, you would have been greeted by her contagious smile and friendly conversation. She was devoted to her job and the relationships she developed with coworkers and the public she loyally served. Dottie will be greatly missed by all.



## STAFF

**Agricultural Commissioner**  
Marcie Skelton

**Assistant Agricultural Commissioner**  
Jason Beauchamp

**Deputy Agricultural Commissioner**  
Craig Boschi

**Agricultural Biologists**  
Mirna Albarran-Jack, Ivan Leal, Carli Marengo,  
Peyton Massa, Samantha Skelly, Tom Wong

**Air Pollution/CUPA**  
Pakou Cha, Alyssa Cordova, Ian Ledbetter,  
Gerald Peters, Allyson Smith, Eric Scott

**Water Resources**  
Lisa Hunter, Sharla Stockton

**Administrative Support Staff**  
Delia Azure, Jennifer Brown, Jennifer Kline,  
Dottie Lacroix, Dana Owens

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**Marcie Skelton**  
 Agricultural Commissioner  
 Sealer of Weights & Measures

**Jason Beauchamp**  
 Assistant Agricultural Commissioner  
 Assistant Sealer of Weights & Measures

October 12, 2020

**To: Karen Ross, Secretary**  
 California Department of Food and Agriculture

and The Honorable Board of Supervisors

<b>John Viegas</b>	District 1
<b>Paul Barr</b>	District 2
<b>Vince Minto</b>	District 3
<b>Keith Corum</b>	District 4
<b>Leigh McDaniel</b>	District 5

I am pleased to submit the 2019 Annual Crop and Livestock Report for Glenn County as required by Section 2279 of the California Food and Agriculture Code which mandates each County Agricultural Commissioner to summarize the acreage, production and gross value of county agricultural and forest commodities. Additionally, Section 2272 of the California Food and Agriculture Code requires each County Agricultural Commissioner to report on actions taken to eradicate, control, or manage pests in their county.

Agriculture remains the county's leading industry. The 2019 gross production of agricultural commodities was valued at \$806,668,000. This represents a 10.6% increase from the gross agricultural production value of \$729,125,000 reported in 2018.

Almonds take the lead once again, as the number one commodity in Glenn County. Almonds boast a value of \$226,997,000, which is up 0.8% from 2018 due to an increase in producing acreage. Walnuts moved past rice into the number two position with a value of \$143,459,000. This represents a growth of 83% due to a small change in acreage and a significant increase of the value per ton. Rice fell from second to the third position with a value of \$128,687,000, an increase of 0.6% from last year's report. The combination of almonds, walnuts, and rice represent 62% of the total commodity value for 2019.

Significant notables for the 2019 Crop Year:

- Walnut prices showed a 59% increase in value from 2018.
- Table olive yields increased 99% from those reported in 2018.
- Livestock as a whole, saw a 14% decrease in value from 2018 totals.
- For statewide consistency, County Agricultural Commissioners are to use the National Agricultural Statistics Service (NASS) numbers to report "Milk: All" values. These figures include "Milk: Marketing" and "Milk: Manufacturing".

Values given in this report are gross receipts received by growers and do not reflect their net income. These values do not take into account the various costs of production, marketing, or transportation.

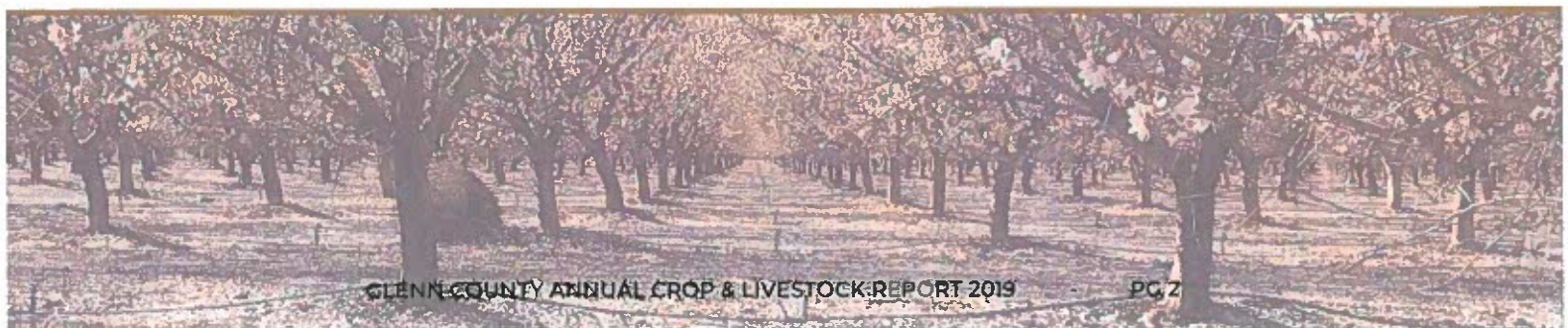
I want to express my appreciation for the cooperation and assistance of all individuals, related agencies and members of the agricultural industry for their help in developing this report. Furthermore, I would like to express my gratitude to Mirna Albarran-Jack and Jennifer Brown for requesting grower data, gathering values, designing the report, and the overall compilation of the 2019 Glenn County Crop & Livestock Report.

Respectfully submitted,

Marcie Skelton  
 Glenn County Agricultural Commissioner/Sealer of Weights & Measures

# FRUIT & NUT CROPS

Commodity	Year	Bearing Acreage	Yield Per Acre	Total	Unit	\$ Per Unit	Total Value
Almond	2019	59,761	0.80	47,809	Meat	\$4,748	\$226,997,000
	2018	54,950	0.85	46,708	Ton	\$4,819	\$225,086,000
Almond Hull	2019			58,385	Ton	\$131	\$7,648,000
	2018			58,385		\$95	\$5,547,000
Citrus	2019	271	6.10	1,653	Ton	\$1,831	\$3,027,000
	2018	283	5.93	1,678		\$2,279	\$3,824,000
Olive, Oil	2019	4,223	4.28	18,074	Ton	\$931	\$16,827,000
	2018	4,050	3.46	14,013		\$820	\$11,491,000
Olive, Table	2019	4,271	7.01	29,940	Ton	\$1,029	\$30,808,000
	2018	4,271	3.53	15,077		\$1,120	\$16,886,000
Pecan	2019	589	0.86	507	Ton	\$3,798	\$1,926,000
	2018	589	1.15	677		\$3,000	\$2,031,000
Pistachio	2019	2,047	0.88	1,801	In-shell	\$3,691	\$6,647,000
	2018	2,047	1.57	3,214	Ton	\$3,377	\$10,854,000
Prune	2019	3,767	3.04	11,452	Dry	\$1,751	\$20,052,000
	2018	3,767	1.57	5,914	Ton	\$1,919	\$11,349,000
Walnut	2019	34,371	2.04	70,117	Ton	\$2,046	\$143,459,000
	2018	32,390	1.88	60,893		\$1,284	\$78,187,000
Miscellaneous	2019	240	Includes: Asian Pear, Blueberry,				\$3,106,000
	2018	250	Cherry, Grape, Kiwifruit, Pomegranates, Persimmon, and Peach				\$3,041,000
<b>TOTALS</b>	2019	109,540					\$460,497,000
	2018	102,597					\$368,296,000



# FIELD CROPS

Commodity	Year	Bearing Acreage	Yield Per Acre	Total	Unit	\$ Per Unit	Total Value
Alfalfa	2019	10,284	6.50	66,846	Ton	\$182	\$12,166,000
	2018	10,370	6.26	64,916		\$189	\$12,269,000
Bean	2019	566	1.40	792	Ton	\$929	\$736,000
	2018	617	1.45	895		\$1,017	\$910,000
Corn, Fodder	2019	11,978	5.01	60,010	Ton	\$153	\$9,182,000
	2018	12,363	5.91	73,065		\$146	\$10,667,000
Corn, Silage	2019	1,308	27.16	35,525	Ton	\$42	\$1,492,000
	2018	1,204	27.32	32,893		\$40	\$1,316,000
Cotton, Lint	2019	2,700	3.00	8,100	Bale	\$350	\$2,835,000
	2018	1,809	3.35	6,060		\$400	\$2,424,000
Cotton, Seed	2019			3,375	Ton		\$1,350,000
	2018			2,525			\$624,000
Hay, Other	2019	2,349	2.81	6,601	Ton	\$148	\$977,000
	2018	1,797	1.43	2,570		\$131	\$337,000
Oats, Fodder	2019	3,047	3.32	10,116	Acre	\$162	\$1,639,000
	2018	2,440	3.70	9,028		\$173	\$1,562,000
Rice, Paddy	2019	82,306	4.48	368,731	Acre	\$349	\$128,687,000
	2018	83,484	4.70	392,375		\$326	\$127,914,000
Wheat	2019	8,142	2.38	19,378	Ton	\$159	\$3,081,000
	2018	8,006	2.58	20,655		\$174	\$3,594,000
Wheat, Silage	2019	4,382	11.35	49,736	Ton	\$32	\$1,592,000
	2018	5,651	11.60	65,552		\$39	\$2,557,000
Miscellaneous	2019	12,930	Includes: Organic Corn, Organic Rice, Barley, Safflower, Straw, Sudan Grass, and Sorghum				\$4,787,000
	2018	12,789					\$5,853,000
<b>TOTALS</b>	2019	139,992					\$168,524,000
	2018	140,530					\$170,027,000

# APIARY PRODUCTS

Commodity	Year	Total	Unit	\$ Per Unit	Total Value
Packaged Bees	2019	121,717	Pound, w/o	\$26.73	\$3,253,000
	2018	148,855	Queen	\$23.65	\$3,520,000
Pollination	2019	Includes: Almond, Prune, Sunflower, and			\$20,987,000
	2018	Vine Seed			\$20,520,000
Queen Bees	2019	383,621	Each	\$27.00	\$10,358,000
	2018	404,922		\$26.28	\$10,641,000
Miscellaneous	2019	Includes: Beeswax and Honey			\$150,000
	2018				\$150,000
<b>TOTALS</b>	2019				\$34,748,000
	2018				\$34,831,000



# SEED CROPS

Commodity	Year	Bearing Acreage	Yield Per Acre	Total	Unit	\$ Per Unit	Total Value
Beans*	<b>2019</b>				Ton		
	2018	729	2,800	2,041,200		\$0.46	\$939,000
Rice	<b>2019</b>	<b>2,762</b>	<b>8,960</b>	<b>24,747,520</b>	Ton	<b>\$0.21</b>	<b>\$5,197,000</b>
	2018	2,016	9,400	18,950,400		\$0.20	\$3,790,000
Sunflowers	<b>2019</b>	<b>3,646</b>	<b>1,129</b>	<b>4,116,334</b>	Ton	<b>\$1.52</b>	<b>\$6,257,000</b>
	2018	4,071	1,263	5,141,673		\$2.00	\$10,283,000
Vine Seeds	<b>2019</b>	<b>1,403</b>	Includes: Melon, Pumpkin, Squash,				<b>\$27,798,000</b>
	2018	1,673	Watermelon and Cucumber				\$32,398,000
Other Seeds	<b>2019</b>	<b>691</b>	Includes: Bean, Beet, Broccoli,				<b>\$21,126,000</b>
	2018	632	Cauliflower, Coriander, Kale, Mustard, Onion, Radish, and Swiss Chard				\$1,958,000
<b>TOTALS</b>	<b>2019</b>	<b>8,502</b>					<b>\$60,378,000</b>
	2018	9,121					\$49,368,000

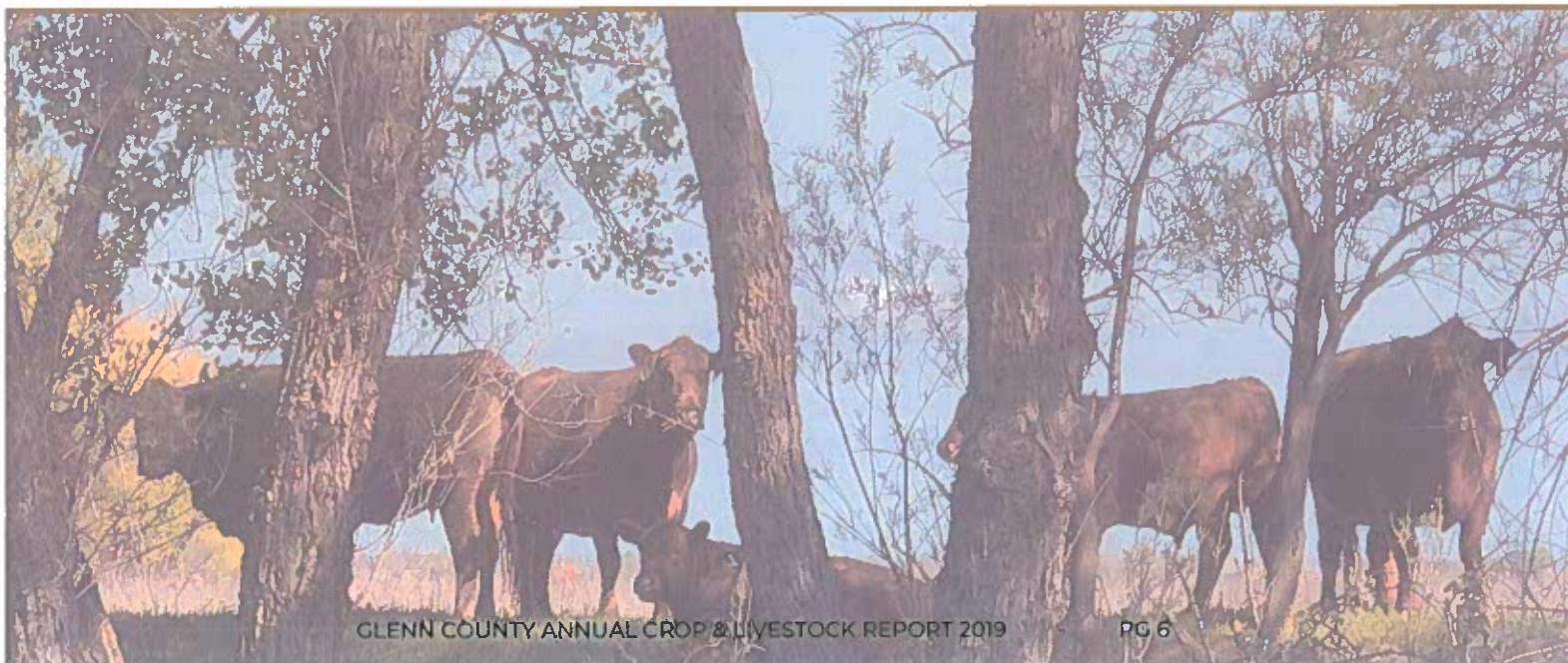
\*Moved to Other Seeds category to maintain confidentiality. Acreage and Total Value updated to reflect change.





# LIVESTOCK & POULTRY

Commodity	Year	# of Head Sold	Total Live		Total Value
			Weight (cwt)	Value/cwt	
Calves	2019	3,861	21,236	\$140	\$2,973,000
	2018	4,104	22,572	\$150	\$3,386,000
Feeders	2019	9,009	63,063	\$127	\$8,009,000
	2018	9,576	67,032	\$136	\$9,116,000
Cows and Bulls	2019	2,959	41,424	\$56	\$2,320,000
	2018	2,969	41,566	\$59	\$2,452,000
Dairy Cattle	2019				\$18,819,000
	2018				\$22,792,000
Sheep and Lamb	2019	5,000	Head	\$167	\$835,000
	2018	5,600		\$135	\$756,000
Hogs and Pigs	2019	500	Head	\$145	\$73,000
	2018	2,000		\$125	\$250,000
Miscellaneous	2019	Includes: Goats, Chickens, and Unspecified			\$940,000
	2018	Game Birds			\$782,000
<b>TOTALS</b>	2019				\$33,969,000
	2018				\$39,534,000



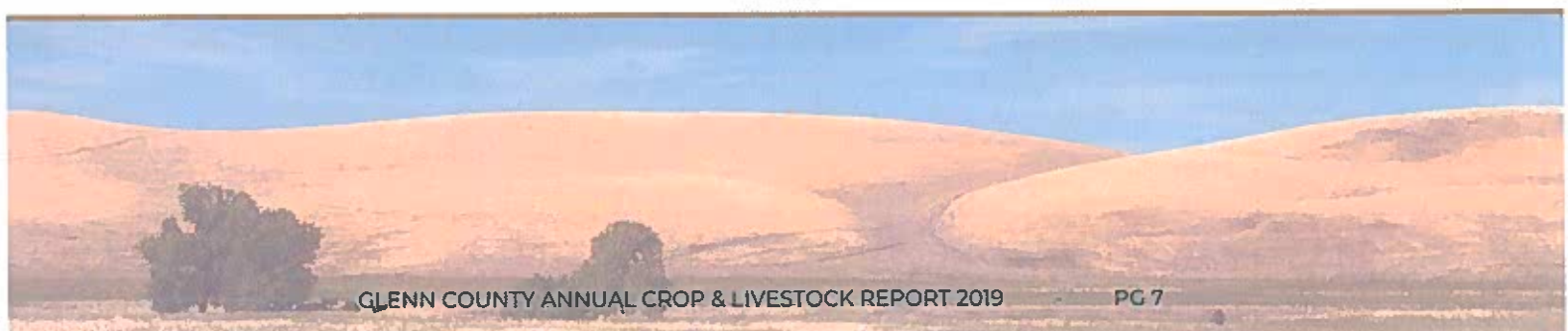
# LIVESTOCK & POULTRY PRODUCTS

Commodity	Year	Production	Unit	\$ Per Unit	Total Value
* Milk: All	2019	2,123,002		\$15.38	\$32,652,000
Milk: Marketing	2018	3,511,269	Cwt.	\$15.38	\$54,003,000
Milk: Manufacturing	2018	20,819		\$17.22	\$359,000
	2019	34,720		\$2.20	\$76,000
Wool	2018	35,280	Pound	\$2.00	\$71,000
	2019				\$1,144,000
Miscellaneous	2018	Includes: Goat Milk and Eggs			\$1,166,000
	2019				\$33,872,000
<b>TOTALS</b>	2018				\$55,599,000

\* Reporting methods for milk changed in 2019. National Agricultural Statistics Service provides values for "Milk: All" which include "Milk: Marketing" and "Milk: Manufacturing".

# PASTURE & RANGELAND

Commodity	Year	Production	Unit	\$ Per Unit	Total Value
Pasture, Irrigated	2019	9,206		\$265	\$2,440,000
	2018	9,206	Acre	\$229	\$2,108,000
	2019	224,325		\$12.50	\$2,804,000
Rangeland	2018	224,325	Acre	\$12.50	\$2,804,000
	2019	233,531			\$5,244,000
<b>TOTALS</b>	2018	233,531			\$4,912,000

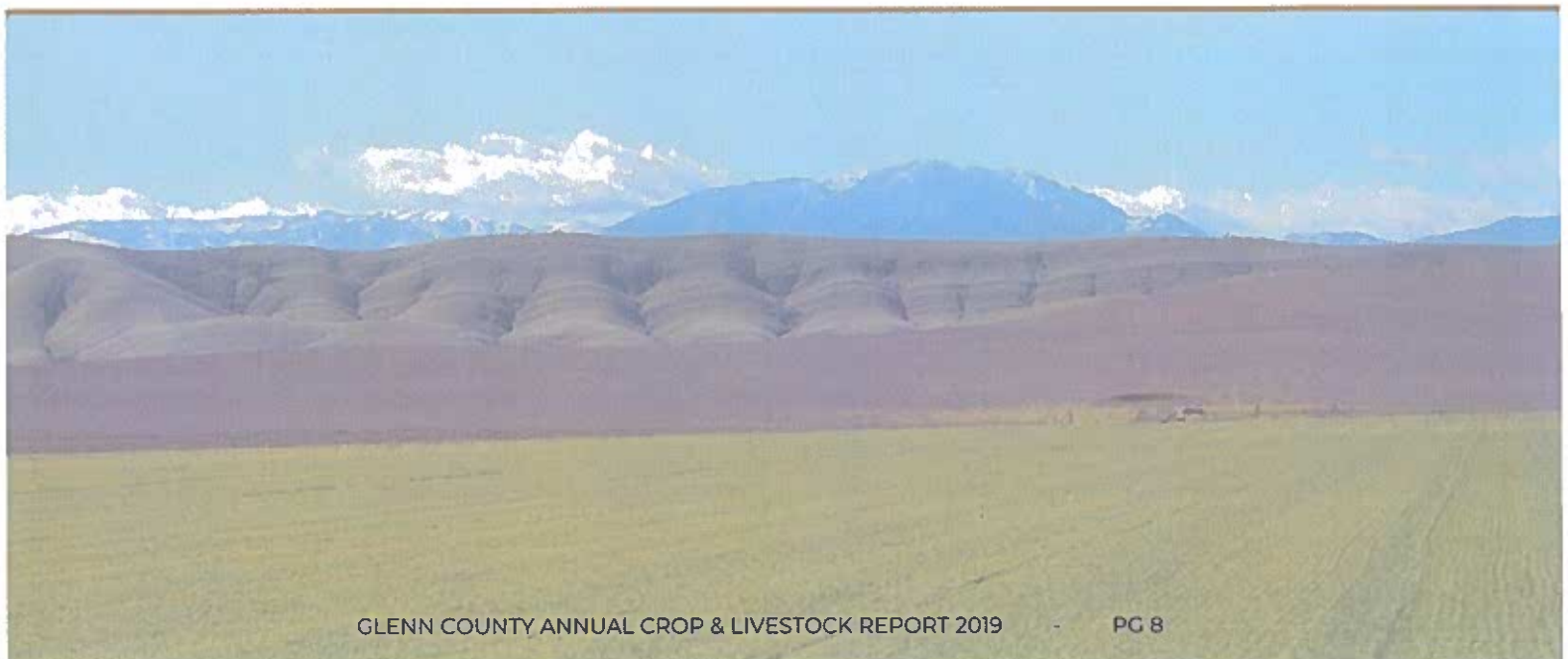


# NURSERY PRODUCTS

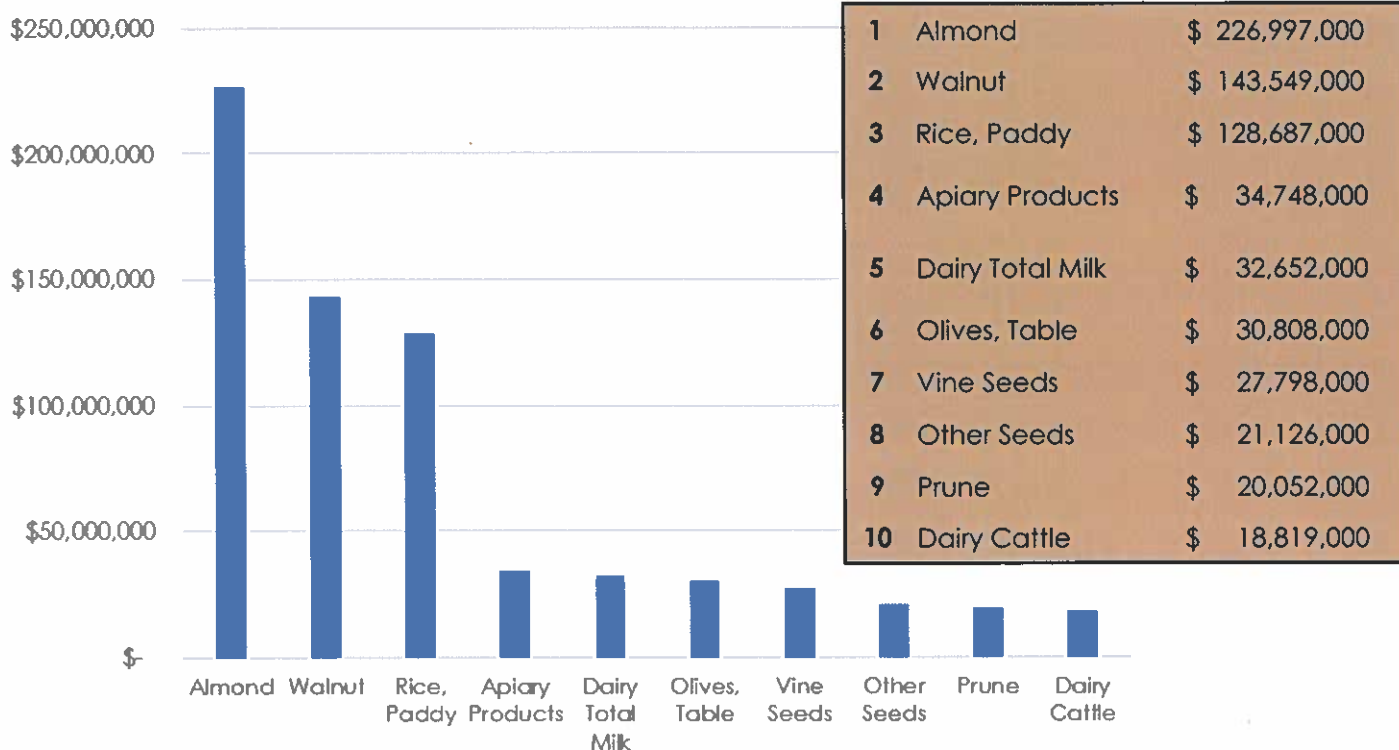
Commodity	Year	Bearing Acreage		Total Value
<b>TOTALS</b>	2019	141	Includes: Strawberry Plants, Retail Nursery Plants, and Sod	\$2,448,000
	2018	161		\$2,134,000

# VEGETABLE CROPS

Commodity	Year	Acreage	Per Acre	Total	Unit	\$ Per Unit	Total Value
Tomatoes, Processing	2019	1,958	42.79	83,783	Ton	\$81	\$6,786,000
	2018	1,365	42.67	58,245		\$72	\$4,194,000
Miscellaneous	2019	40	Includes: Farmers' Market Gardens, Pumpkins, Roadside Stands, and Strawberries				\$202,000
	2018	40					\$230,000
<b>TOTALS</b>	2019						\$6,988,000
	2018						\$4,424,000



# TOP TEN LEADING COMMODITIES



## TOTAL VALUE OF AGRICULTURAL PRODUCTION

Product	2018	2019
Fruit and Nut Crops	\$368,296,000	\$460,497,000
Field Crops	\$170,027,000	\$168,524,000
Apiary Products	\$34,831,000	\$34,748,000
Seed Crops	\$49,368,000	\$60,378,000
Livestock and Poultry	\$39,534,000	\$33,969,000
Livestock and Poultry Products	\$55,599,000	\$33,872,000
Pasture and Rangeland	\$4,912,000	\$5,244,000
Nursery Products	\$2,134,000	\$2,448,000
Vegetable Crops	\$4,424,000	\$6,988,000
<b>Total Agricultural Value</b>	<b>\$729,125,000</b>	<b>\$806,668,000</b>
Christmas Trees	\$12,000	\$12,000
Timber	\$237,000	\$0
<b>Total Timber Value</b>	<b>\$249,000</b>	<b>\$12,000</b>
<b>Grand Total</b>	<b>\$729,374,000</b>	<b>\$806,680,000</b>

# A LOOK BACK IN TIME

Commodity	1969 Total Production	2019 Total Production	1969 Total Value	2019 Total Value
<b>Alfalfa</b>	124,000 tons (20,700 acres)	66,846 tons (10,284 acres)	\$2,976,000	\$12,166,000
<b>Barley</b>	18,800 tons (25,000 acres)	(249 acres)	\$921,000	\$29,880
<b>Beans</b>	1,950 tons (3,000 acres)	792 tons (566 acres)	\$454,000	\$736,000
<b>Corn, Fodder</b>	5,000 tons (2,000 acres)	60,010 tons (11,978 acres)	\$230,000	\$9,182,000
<b>Corn, Silage</b>	36,000 tons (2,000 acres)	35,525 tons (1,308 acres)	\$270,000	\$1,492,000
<b>Cotton, Lint</b>	*	8,100 bales (2,700 acres)	*	\$2,835,000
<b>Cotton, Seed</b>	*	3,375 tons	*	\$1,350,000
<b>Hay, Other</b>	5,250 tons (3,500 acres)	6,601 tons (2,349 acres)	\$105,000	\$977,000
<b>Oats, Fodder</b>	*	10,116 tons (3,047 acres)	*	\$1,639,000
<b>Rice, Paddy</b>	143,000 tons (50,900 acres)	368,731 tons (82,306 acres)	\$14,729,000	\$128,687,000
<b>Sugar Beets</b>	52,200 tons (3,280 acres)	*	\$626,000	*
<b>Wheat</b>	11,700 lbs. (9,000 acres)	19,378 tons (8,142 acres)	\$515,000	\$3,081,000
<b>Wheat, Silage</b>	*	49,736 tons (4,382 acres)	*	\$1,592,000
<b>Tomatoes, Processing</b>	10,600 tons (585 acres)	83,783 tons (1,958 acres)	\$290,000	\$6,786,000
<b>Almond</b>	4,370 tons (4,860 acres)	47,809 tons (59,761 acres)	\$2,884,000	\$226,997,000
<b>Almond Hull</b>	*	58,385 tons	*	\$7,648,000
<b>Oranges</b>	7,250 tons (1,004 acres)	*	\$718,000	*
<b>Citrus</b>	*	1,653 tons (271 acres)	*	\$3,027,000
<b>Olives, Oil</b>	*	18,074 tons (4,223 acres)	*	\$16,827,000
<b>Olives, Table</b>	1,880 tons (1,200 acres)	29,940 tons (4,271 acres)	\$547,000	\$30,808,000
<b>Pecan</b>	*	507 tons (589 acres)	*	\$1,926,000
<b>Pistachio</b>	*	1,801 In-shell tons (2,047 acres)	*	\$6,647,000
<b>Prune (dry)</b>	7,800 tons (3,250 acres)	11,452 tons (3,767 acres)	\$2,496,000	\$20,052,000
<b>Walnut</b>	1,470 tons (2,565 acres)	70,117 tons (34,371 acres)	\$662,000	\$143,459,000
<b>Packaged Bees</b>	84,600 lbs.	121,717 lbs.	\$105,000	\$3,253,000
<b>Pollination</b>	*	*	\$57,000	\$20,987,000
<b>Queen Bees</b>	47,600 each	383,621 each	\$64,300	\$10,358,000
<b>Alfalfa Seed</b>	698,000 lbs. (1,460 acres)	*	\$265,000	*
<b>Bean Seed</b>	*	(322 acres)	*	\$420,000
<b>Ladino Clover</b>	1,004,000 lbs. (3,970 acres)	*	\$717,000	*
<b>Rice (seed)</b>	91,400 cwt. (1,630 acres)	24,747,520 lbs. (2,762 acres)	\$649,000	\$5,197,000
<b>Sunflower seed</b>	*	4,116,334 lbs. (3,646 acres)	*	\$6,257,000
<b>Vine seed</b>	*	(1,403 acres)	*	\$27,798,000
<b>Other seed</b>	555 acres	691 acres	\$53,000	\$21,126,000
<b>Calves</b>	see Dairy Cattle	3,861 head	*	\$2,973,000
<b>Feeders</b>	see Dairy Cattle	9,009 head	*	\$8,009,000
<b>Cull Cows &amp; Bulls</b>	see Dairy Cattle	2,959 head	*	\$2,320,000
<b>Dairy Cattle</b>	20,500 head (all cattle combined)	15,300 head	\$3,898,000	\$18,819,000
<b>Sheep and Lamb</b>	83,100 head	5,000 head	\$1,867,000	\$835,000
<b>Hogs and Pigs</b>	5,180 head	500 head	\$212,000	\$73,000
<b>Misc. Livestock (Goats/Chickens/ Game Birds)</b>			\$184,000	\$940,000
<b>Milk, All</b>	1,104,000 cwt.	2,123,002 cwt.	\$5,363,000	\$32,652,000
<b>Wool</b>	885,000 lbs.	34,720 lbs.	\$397,000	\$76,000
<b>Pasture, Irrigated</b>	44,000 acres	9,206 acres	\$1,892,000	\$2,440,000
<b>Rangeland</b>	255,000 acres	224,325 acres	\$892,000	\$2,804,000
<b>Nursery</b>	122 acres	141 Acres	\$655,000	\$2,448,000
<b>Year Total**</b>			<b>\$48,686,500</b>	<b>\$806,548,000</b>

\*No correlating values between 1969 and 2019

\*\*Totals will not add to above values listed

# EXPORTS BY COUNTRY

In 2019, the Glenn County Department of Agriculture issued 2,713 USDA Phytosanitary Certificates for products exported to 69 countries. Products exported included shelled and in-shell nuts (almonds and walnuts), animal feed, and various seeds for propagation.

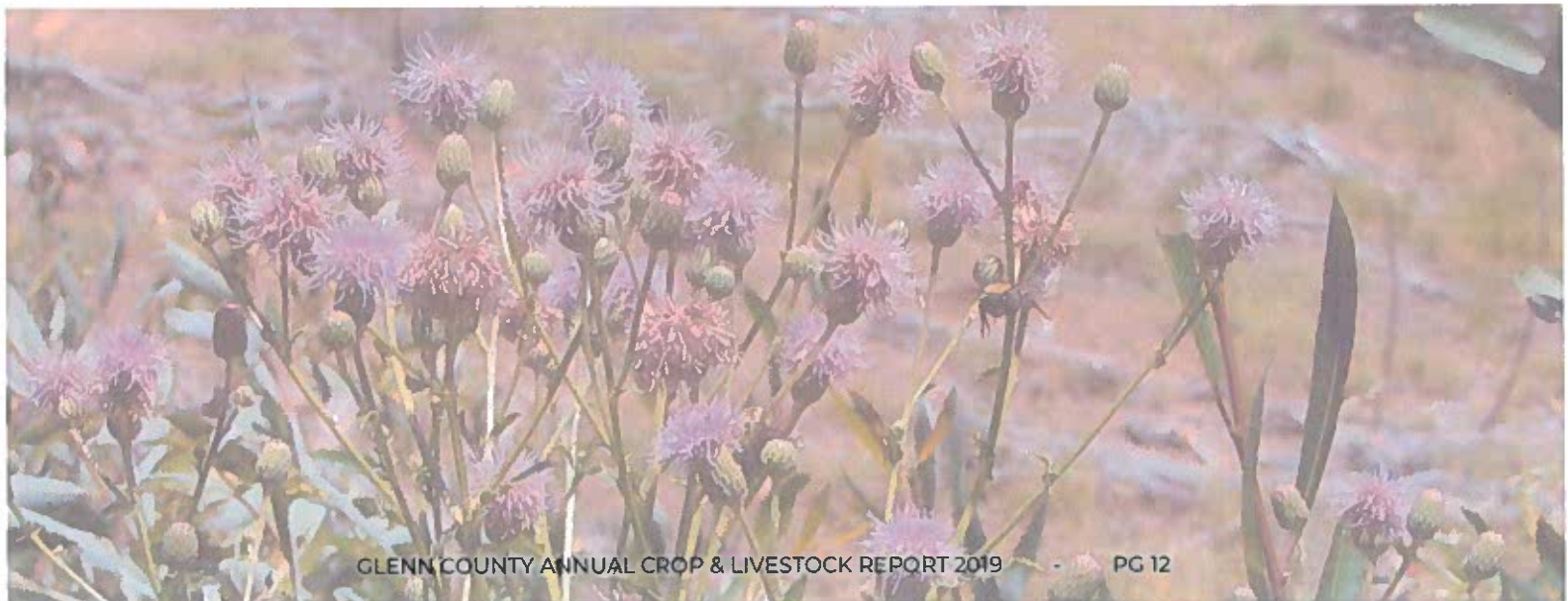


# PEST EXCLUSION

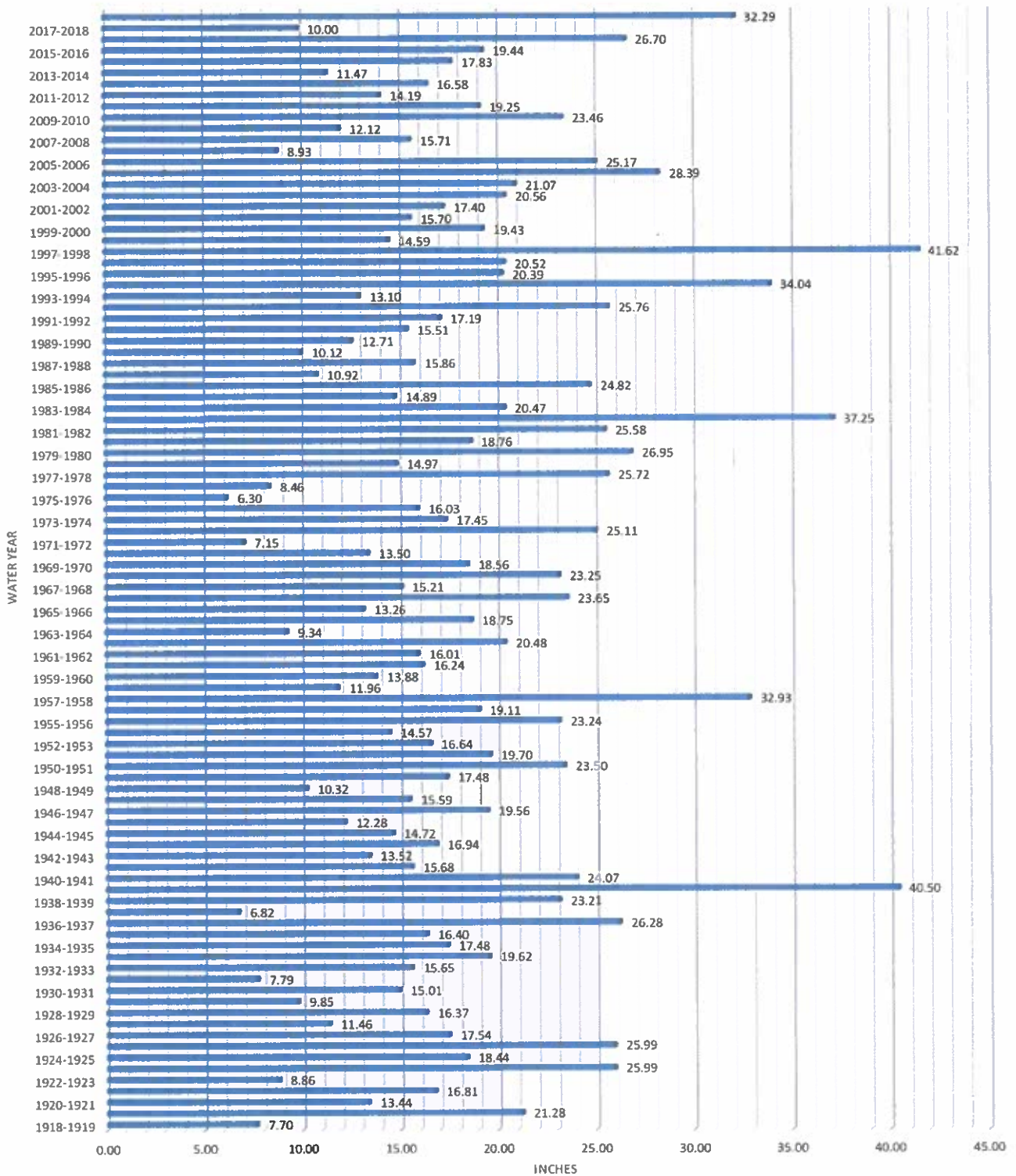
Terminal Inspections	Shipments Inspected	Rejections
Postal	0	0
Truck	19	0
Other	6	0

# PEST ERADICATION

Pest	Scientific Name	Control Agent	Locations
Canada Thistle	<i>Cirsium arvense</i>	Mechanical	1
Dyer's Woad	<i>Isatis tinctorial</i>	Chemical/Mechanical	1
Perennial Pepperweed	<i>Lepidium latifolium</i>	Chemical/Mechanical	40
Plumeless Thistle	<i>Carduus acanthoides</i>	Mechanical	3
Russian Knapweed	<i>Acroptilon repens</i>	Chemical	2
Silverleaf Nightshade	<i>Solanum elaeagnifolium</i>	Chemical/Mechanical	27
Hoary Cress	<i>Cardaria draba</i>	Chemical/Mechanical	8
Purple Starthistle	<i>Centaurea calcitrapa</i>	Chemical/Mechanical	7
Diffuse Knapweed	<i>Centaurea diffusa</i>	Chemical/Mechanical	1
Klamath Weed	<i>Hypericum perforatum</i>	Chemical/Mechanical	4
Tree of Heaven	<i>Ailanthus altissima</i>	Chemical/Mechanical	2



# GLENN COUNTY YEARLY RAINFALL 1919-2019



Total rainfall recorded Oct. 1 to Sept. 30. 100 year average is 18.24 inches per year. 2018-2019 recorded an impressive 32.29 inches, equaling 140% of the average rainfall in Glenn County\*

\*Data obtained from the California Nevada River Forecast Center, as recorded at the Orland location.





[www.countyofglenn.net/dept/agriculture](http://www.countyofglenn.net/dept/agriculture)

