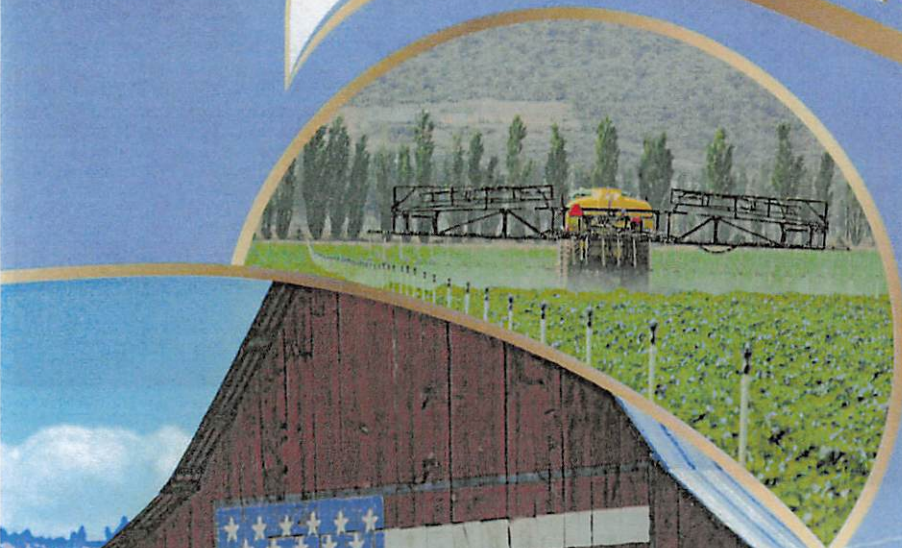


LASSEN COUNTY

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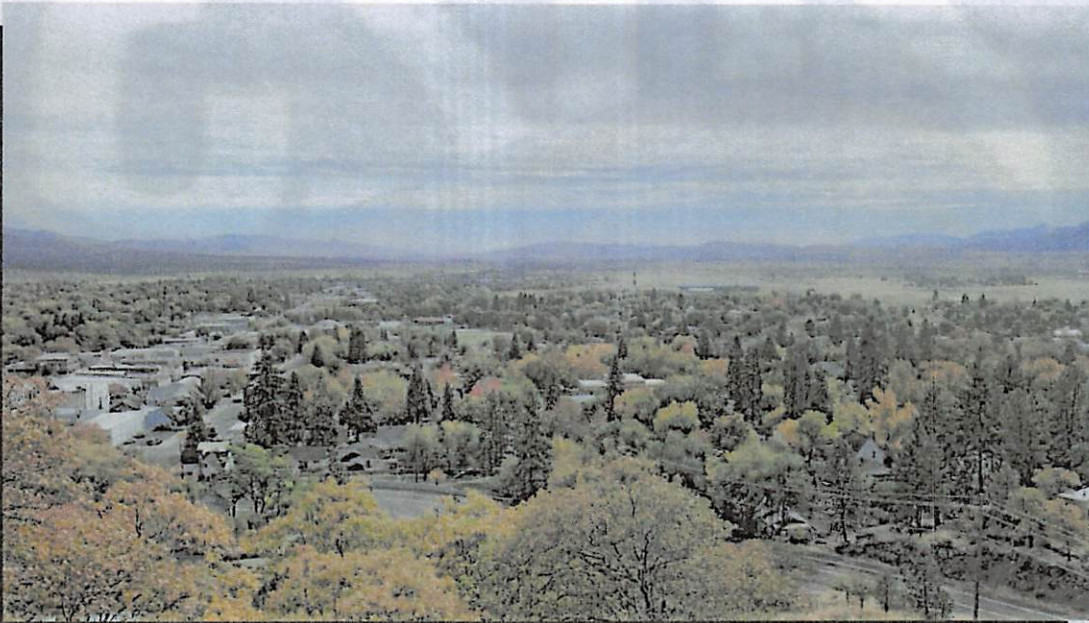
2023



CROP & LIVESTOCK REPORT

OUR MISSION

The Agriculture Commissioner promotes Lassen County agriculture production by protecting it from injurious pests & diseases, to ensure the safety and wholesomeness of food and other products for the consumer, and to build consumer and business confidence in the market place through the maintenance of equity.



PERSONNEL & ASSOCIATES

CRAIG A. HEMPHILL

- *Agricultural Commissioner/Sealer of Weights & Measures*

CHERYL LAURITSEN

- *Supervising Agriculture & Weights & Measures Inspector*

MIRIAM LAVACOT

- *Agricultural Biologist II & Weights & Measures Inspector*

KELSEY MARKS

- *Agricultural Biologist II & Weights & Measures Inspector*

BRIAN BURVANT

- *Seasonal*

TAYLOR SHANNON

- *Seasonal*

HUGO ANTONOUCCI

- *Seasonal*

LESLIE RHODES

- *Seasonal*

GEORGE AFFONSO

- *USDA Wildlife Specialist*

SPECIAL THANKS

TO ALL OF THE FARMERS AND RANCHERS
WHO PROVIDED THE VALUABLE INFORMATION
AND PHOTOS USED TO COMPILE THIS REPORT

COUNTY OF LASSEN



DEPARTMENT OF AGRICULTURE/WEIGHTS & MEASURES

Craig A. Hemphill
Agriculture Commissioner/Sealer
175 Russell Avenue
Susanville, CA 96130-4215
☎Telephone (530) 251-8110 Fax (530) 251-2726
email: agcommissioner@co.lassen.ca.us

June 1, 2024

Karen Ross, Secretary California Department of Food and Agriculture

And

The Honorable Board of Supervisors, County of Lassen

Supervisor, Chris Gallagher, District 1
Supervisor, Gary Bridges, District 2
Supervisor, Tom Neely, District 3
Supervisor, Aaron Albaugh, Chairman, District 4
Supervisor, Jason Ingram, District 5

I am pleased to present the 2023 Lassen County Crop and Livestock report in accordance with the requirements of Sections 2272 & 2279 of the California Food and Agricultural Code. This report summarizes the estimated acreage, yield, gross value and sustainability of Lassen County's agricultural production for the 2023 calendar year.

The values presented in this report represent the gross value for products but do not reflect the cost of production, marketing, storage or transportation. It does not attempt to show county inventory, cost of production, or net return to growers.

The total gross value of Lassen County agricultural production in 2023 was \$172,884,388, which is 22% higher than the gross value in 2022. There was a significant increase in both field crops and livestock revenue, which helped the overall increase in gross value. However, there was also a significant increase of 58% from 2022 to 2023 in Seed, Fruit and Vegetable & Nursery. This is due to miscalculation in previous years, but has been corrected. Timber Harvest saw an increase of 20% due to fire salvage within the last year and hemp growers reported negative impacts on their yields due to early frosts and lack of precipitation. Despite any hardships our producers faced in 2023, the majority of Lassen County's commodities fared very well overall.

I would like to thank the producers and public agencies that cooperated by supplying all of the data that was used in preparing this report, as well as my staff for all the effort that was put forth in compiling the final document.

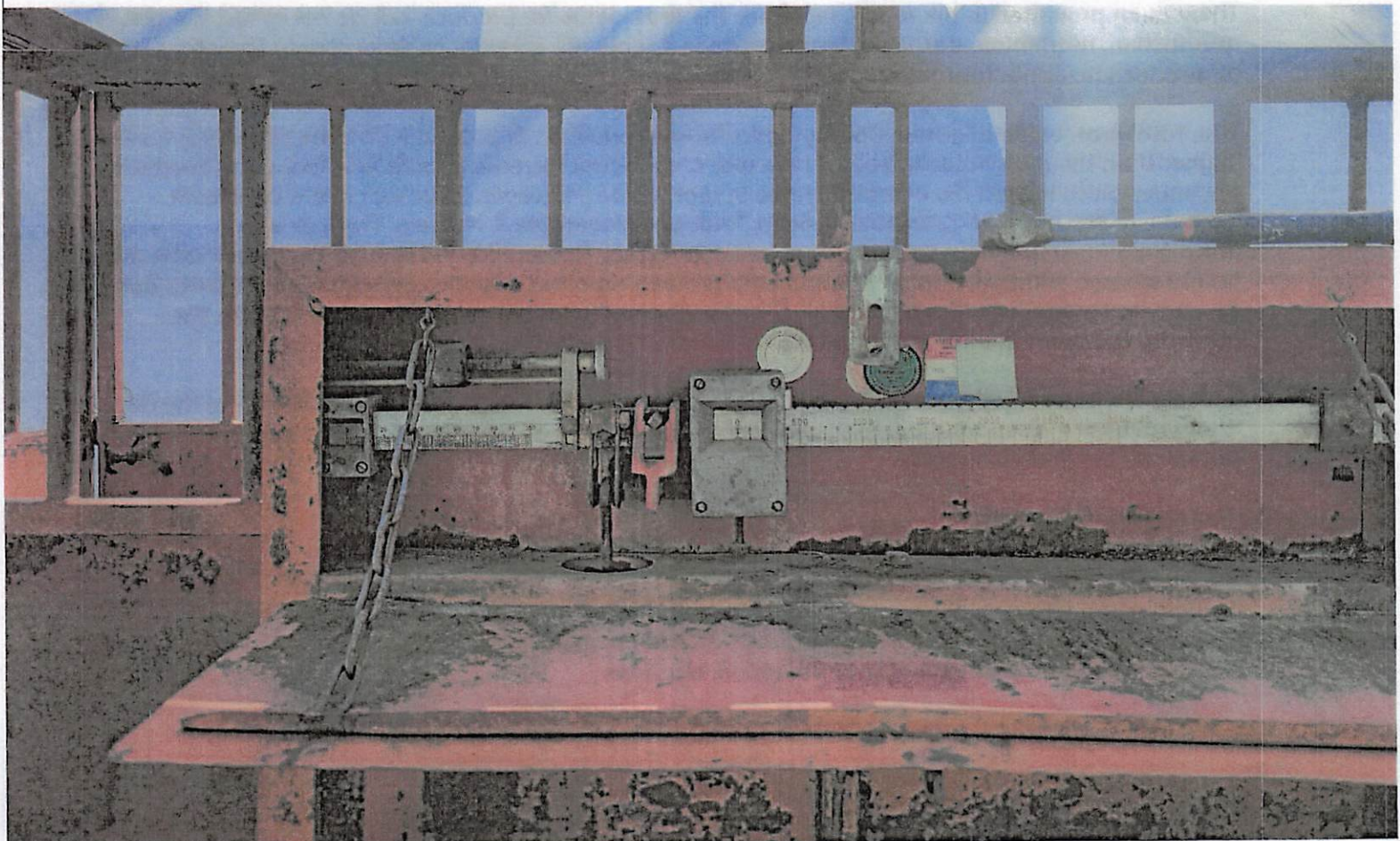
Respectfully Submitted,

Craig A. Hemphill

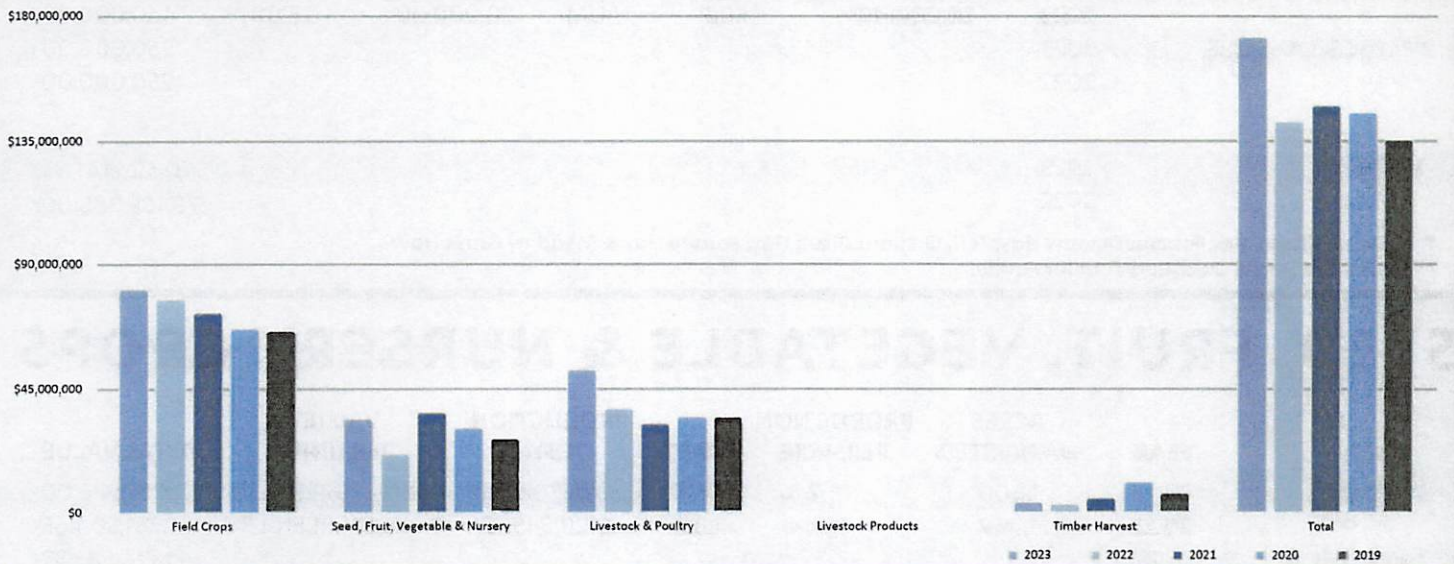
Agricultural Commissioner/Sealer of Weights & Measures

SUMMARY OF PRODUCTION VALUES

| COMMODITY GROUP | 2023 | 2022 | CHANGES IN GROSS VALUE |
|------------------------------------|----------------------|----------------------|------------------------|
| FIELD CROPS | \$ 81,526,141.87 | \$ 78,155,088 | 4% |
| SEED, FRUIT, VEGETABLES, & NURSERY | 34,535,585.15 | 21,916,427 | 58% |
| LIVESTOCK & POULTRY | 52,424,567 | 38,503,812 | 36% |
| LIVESTOCK & POULTRY PRODUCTS | 129,000 | 129,000 | 0.00% |
| TIMBER HARVEST | 4,269,094 | 3,569,845 | 20% |
| TOTAL | \$172,884,388 | \$142,276,771 | 22% |



FIVE YEAR SUMMARY OF PRODUCTION VALUES



| YEAR | FIELD CROPS | SEED, FRUIT VEGETABLE & NURSERY | LIVESTOCK & POULTRY | LIVESTOCK PRODUCTS | TIMBER HARVEST | TOTAL |
|------|---------------|---------------------------------|---------------------|--------------------|----------------|----------------|
| 2023 | \$ 81,526,142 | \$ 34,535,585 | \$ 52,424,567 | \$ 129,000 | \$ 4,269,094 | \$ 172,884,388 |
| 2022 | 78,155,088 | 21,916,427 | 38,503,812 | 129,000 | 3,569,845 | 142,274,172 |
| 2021 | 72,866,704 | 36,683,846 | 32,618,361 | 129,000 | 5,782,232 | 148,100,143 |
| 2020 | 67,268,065 | 31,258,669 | 35,327,533 | 129,000 | 11,617,957 | 145,601,224 |
| 2019 | 65,954,212 | 27,089,542 | 34,882,337 | 129,000 | 7,383,285 | 135,438,376 |

FIELD CROPS

| CROP | YEAR | ACRES | | PRODUCTION | | VALUE | |
|-------------------------|------|--------------|----------|------------|------------|-----------|------------------|
| | | HARVESTED | PER ACRE | UNIT | TOTAL | PER UNIT | TOTAL VALUE |
| HAY, ALFALFA | 2023 | 25,781.40 | 6.50 | TON | 167,579.10 | \$ 254.00 | \$ 42,565,091.40 |
| | 2022 | 23,066.00 | 4.77 | TON | 110,024.82 | 330.60 | 36,374,205.50 |
| HAY, GRAIN | 2023 | 7,746.62 | 1.85 | TON | 14,331.25 | 209.00 | 2,995,230.62 |
| | 2022 | 5,790.00 | 3.48 | TON | 20,149.20 | 249.10 | 5,019,165.72 |
| *HAY, OTHER | 2023 | 17,957.48 | 3.91 | TON | 70,213.75 | 360.00 | 25,276,948.85 |
| | 2022 | 18,771.00 | 4.11 | TON | 77,148.81 | 355.60 | 27,434,116.84 |
| WHEAT | 2023 | 5,523.64 | 9.11 | BU | 50,320.36 | 86.00 | 4,327,550.99 |
| | 2022 | 4,576.00 | 2.00 | TON | 9,152.00 | 340.00 | 3,111,680.00 |
| PASTURE (IRRIGATED) | 2023 | 23,000.00 | 6.00 | AUM | 138,000.00 | 37.10 | 5,119,800.00 |
| | 2022 | 23,000.00 | 6.00 | AUM | 138,000.00 | 35.00 | 4,830,000.00 |
| PASTURE (NON-IRRIGATED) | 2023 | 22,000.00 | 1.00 | AUM | 22,000.00 | 24.16 | 531,520.00 |
| | 2022 | 22,000.00 | 1.00 | AUM | 22,000.00 | 22.80 | 501,600.00 |
| PASTURE (RANGE) | 2023 | 1,291,253.00 | 0.10 | AUM | 129,125.30 | 1.35 | 174,319.16 |
| | 2022 | 1,291,253.00 | 0.10 | AUM | 129,125.30 | 1.35 | 174,319.16 |
| AFTERMATH (STUBBLE-ALL) | 2023 | 20,000.00 | 1.00 | AUM | 20,000.00 | 23.00 | 460,000.00 |
| | 2022 | 20,000.00 | 1.00 | AUM | 20,000.00 | 23.00 | 460,000.00 |
| **MISCELLANEOUS | 2023 | | | | | | 250,000.00 |
| | 2022 | | | | | | 250,000.00 |
| TOTAL | 2023 | | | | | | \$ 81,526,141.87 |
| | 2022 | | | | | | 78,155,088.00 |

* Grass Alfalfa Mix, Fescue, Timothy Hay, Teff, Orchard Grass Hay, Forage Hay & Meadow Grass Hay

** Includes Straw, Oats, and Corn for Fodder

SEED, FRUIT, VEGETABLE & NURSERY CROPS

| CROP | YEAR | ACRES | | PRODUCTION | | VALUE | |
|-------------|------|-----------|----------|------------|--------------|-------------------|------------------|
| | | HARVESTED | PER ACRE | UNIT | TOTAL | PER UNIT | TOTAL VALUE |
| WILD RICE | 2023 | 1,800 | 1,764 | LBS. | 3,175,200.00 | \$ 0.93/GREEN LB | \$ 2,952,936.00 |
| | 2022 | 1,469 | 1,444 | LBS. | 2,120,545.57 | \$ 0.925/GREEN LB | 1,961,504.65 |
| *MISC CROPS | 2023 | | | | | | 1,716,583.32 |
| | 2022 | | | | | | **19,954,922.80 |
| TOTAL | 2023 | | | | | | \$ 34,535,585.15 |
| | 2022 | | | | | | 21,916,427.45 |

* Crops with less than 3 producers (alfalfa seed, grass seed, clover seed, mustard seed, garlic seed, mint, apples, peaches, pumpkins, seed peas, strawberries, ornamentals, and misc. vegetables)

** Corrected values from calculating wrong in previous years

INDUSTRIAL HEMP

| | |
|---------------------|-----|
| TOTAL PRODUCERS | 2 |
| TOTAL ACRES PLANTED | 0.5 |
| TOTAL LB. HARVESTED | 0 |

REGISTERED DEVICES 2023

| | | | |
|----------------------|----|-----------------------|-----|
| COMPUTING/ELECTRIC | 62 | WIRE/CORDAGE/ROPE | 1 |
| CLASS II | 2 | TAXI | 0 |
| HANGING/SPRING SCALE | 2 | RETAIL MOTOR FUEL | 375 |
| MONORAIL/MEAT BEAM | 1 | WHOLESALE FUEL | 28 |
| LIVESTOCK | 26 | VEHICLE METERS | 10 |
| VEHICLE SCALES | 16 | LPG STATIONARY METERS | 15 |
| RAILROAD SCALES | 0 | LPG VEHICLE METERS | 16 |
| PLATFORM SCALES | 11 | ELECTRIC SUBMETERS | 0 |
| HOPPER SCALES | 6 | COUNTER | 10 |
| | | TOTAL DEVICES | 581 |

10 YEAR COMPARISON

| | |
|------|----------------|
| 2023 | \$ 172,884,388 |
| 2022 | 142,274,172 |
| 2021 | 148,100,143 |
| 2020 | 145,601,224 |
| 2019 | 135,430,858 |
| 2018 | 137,308,809 |
| 2017 | 129,690,481 |
| 2016 | 120,721,887 |
| 2015 | 126,790,805 |
| 2014 | 115,835,558 |

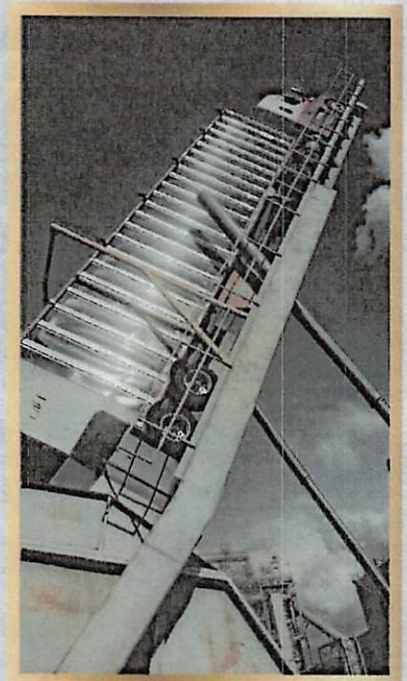
*FIGURES CORRECTED FOR ACCURACY

TOP LASSEN COUNTY CROPS

| RANK 2023 | COMMODITY | 2023 GROSS VALUE | PREVIOUS YEAR RANK |
|--------------|---------------------|---------------------|-----------------------|
| 1 | ALL HAY | \$ 68,827,489.00 | 1 |
| 2 | LIVESTOCK | 52,424,567.15 | 2 |
| 3 | MISC. NURSERY CROPS | 34,535,585.15 | 3 |
| 4 | PASTURELAND | 5,825,639.16 | 4 |
| 5 | WHEAT (GRAIN | 4,327,550.99 | 6 |
| 6 | TIMBER | 3,111,680.00 | 5 |
| 7 | WILD RICE | 2,952,936.00 | 7 |
| 8 | LIVESTOCK PRODUCTS | 129,000.00 | 8 |

TIMBER HARVEST

| COMMODITY | YEAR | PRODUCTION | UNIT | VALUE PER UNIT** | TOTAL VALUE |
|--------------------|------|------------|-------------|------------------|-----------------|
| TIMBER* | 2023 | 42,910 | NET MBF | \$ 9.49 | \$ 4,269,094.00 |
| | 2022 | 70,690 | NET MBF | 50.50 | 3,569,845.00 |
| CHRISTMAS TREES*** | 2023 | N/A | LINEAR FEET | | N/A |
| | 2022 | N/A | LINEAR FEET | | N/A |
| TOTAL | 2023 | | | | \$ 4,269,094.00 |
| | 2022 | | | | 3,569,845.00 |



- * Figures provided by the Timber Tax Division, California State Board of Equalization
- ** Figures rounded to the nearest tenth decimal place
- *** Figures not available for Christmas Trees in 2023 or 2022

PEST EXCLUSION

PEST DETECTION

EXOTIC PESTS
AND/OR TARGET
PESTS

INCOMING PLANT
MATERIAL VIA
UPS, AIR, TRUCK
OR MAIL

| TYPES OF TRAPS | TRAPS IN LASSEN COUNTY |
|-----------------|------------------------|
| SPONGY MOTH | 103 |
| JAPANESE BEETLE | 2 |

100 SHIPMENTS INSPECTED

(NO PESTS DETECTED)



LIVESTOCK & POULTRY

| COMMODITY | YEAR | NUMBER OF HEAD | LIVEWEIGHT | *UNIT | VALUE PER UNIT | TOTAL VALUE |
|-------------------|------|----------------|------------|-------|----------------|------------------|
| COWS | 2023 | 10,706 | 128,472 | CWT. | \$ 89.04 | \$ 11,439,146.88 |
| | 2022 | 9,391 | 112,692 | CWT. | 75.92 | 8,555,576.64 |
| CALVES | 2023 | 6,467 | 32,336 | CWT. | 186.62 | 6,034,544.32 |
| | 2022 | 5,673 | 28,365 | CWT. | 149.60 | 4,243,404.00 |
| HEIFERS | 2023 | 9,525 | 71,438 | CWT. | 190.86 | 13,634,561.25 |
| | 2022 | 8,355 | 62,663 | CWT. | 142.59 | 8,935,117.00 |
| STEERS | 2023 | 12,382 | 81,365 | CWT. | 206.42 | 16,795,363.30 |
| | 2022 | 10,814 | 81,105 | CWT. | 153.84 | 12,477,193.20 |
| BULLS | 2023 | 1,540 | 27,720 | CWT. | 108.44 | 3,005,956.80 |
| | 2022 | 1,351 | 24,318 | CWT. | 98.07 | 2,384,866.26 |
| SHEEP/LAMBS | 2023 | 7,504 | 9,004 | CWT. | 161.15 | 1,450,994.60 |
| | 2022 | 8,528 | 10,234 | CWT. | 180.15 | 1,843,655.00 |
| **MISC. LIVESTOCK | 2023 | | | | | 64,000.00 |
| | 2022 | | | | | 64,000.00 |
| TOTAL | 2023 | | | | | \$ 52,424,567.15 |
| | 2022 | | | | | 38,503,812.10 |

* Unit is per 100 lbs. (CWT)

** Includes pheasants, hogs, goats, chickens, turkey, alpacas, and hatchery

LIVESTOCK PRODUCTS

| COMMODITY | YEAR | TOTAL VALUE |
|---|------|---------------|
| WOOL, EGGS, CHICKS, APIARY & RABBITS | 2023 | \$ 129,000.00 |
| | 2022 | 129,000.00 |
| TOTAL | 2023 | \$ 129,000.00 |
| | 2022 | 129,000.00 |



NOXIOUS WEEDS ERADICATED

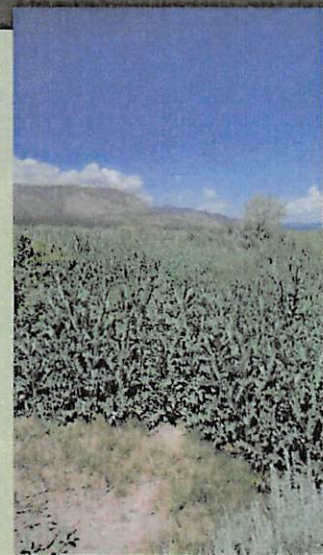
| | CONTROL METHOD | 2023 NET ACRES | 2022 NET ACRES |
|---|--------------------------------|----------------|----------------|
| SCOTCH THISTLE (<i>Onopordum Acanthium</i>) | CHEMICAL/MECHANICAL | 110.3 | 121.0073 |
| DIFFUSE KNAPWEED (<i>Centaurea Diffusa</i>) | CHEMICAL/MECHANICAL | 1.3 | 0.7455 |
| SQUARROSE KNAPWEED (<i>Centaurea Squarrosa</i>) | CHEMICAL | 1.2 | 21.42609 |
| YELLOW STARHISTLE (<i>Centaurea Solstitialis</i>) | CHEMICAL/MECHANICAL | 10.5 | 0.10626 |
| MEDITERRANEAN SAGE (<i>Salvia Asethiopis</i>) | CHEMICAL | 0.8 | 24.435 |
| PUNCTUREVINE (<i>Tribulus Terrestris</i>) | CHEMICAL | 43.5 | 0.7885 |
| CANADA THISTLE (<i>Cirsium Arvense</i>) | CHEMICAL | 0.5 | 0 |
| SPOTTED KNAPWEED (<i>Centaurea Maculosa</i>) | CHEMICAL/MECHANICAL | 4.9 | 3.65 |
| TALL WHITETOP (<i>Lepidium Latifolium</i>) | CHEMICAL | 0.4 | 0 |
| VEGETATION MANAGEMENT | CHEMICAL | 26 | 1.061 |
| DYERS WOAD (<i>Isatis Tinctoria</i>) | CHEMICAL | 8.3 | 22.7175 |
| DALMATIAN TOADFLAX (<i>Linaria Dalmatica</i>) | CHEMICAL/MECHANICAL/BIOLOGICAL | 0.3 | 6.095 |
| RUSH SKELETONWEED (<i>Chondrilla Juncea</i>) | CHEMICAL | 0.2 | 18.329 |
| RUSSIAN KNAPWEED (<i>Acroptilon Repens</i>) | CHEMICAL/BIOLOGICAL | 0.2 | 0 |
| MYRTLE SPURGE (<i>Euphorbia Myrsinites</i>) | CHEMICAL | 0.5 | 39.0925 |

BIG VALLEY PEST ABATEMENT DISTRICT

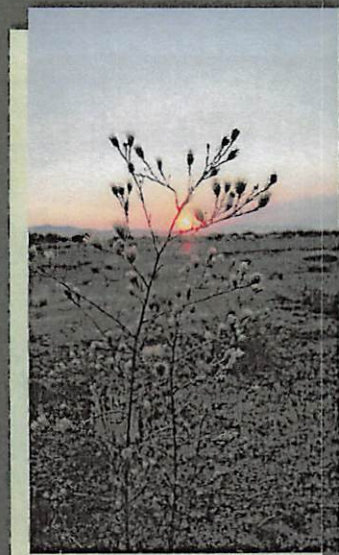
| | | | |
|---|---------------------|------|------|
| SCOTCH THISTLE (<i>Onopordum Acanthium</i>) | CHEMICAL/MECHANICAL | 59.4 | 59.0 |
| DIFFUSE KNAPWEED (<i>Centaurea Diffusa</i>) | CHEMICAL/MECHANICAL | 1.3 | 0 |
| SQUARROSE KNAPWEED (<i>Centaurea Squarrosa</i>) | CHEMICAL | 1.2 | 24.4 |
| YELLOW STARHISTLE (<i>Centaurea Solstitialis</i>) | CHEMICAL/MECHANICAL | 9.5 | 21 |
| MEDITERRANEAN SAGE (<i>Salvia Asethiopis</i>) | CHEMICAL | 0.7 | 18.1 |
| PUNCTUREVINE (<i>Tribulus Terrestris</i>) | CHEMICAL | 29 | 36 |
| CANADA THISTLE (<i>Cirsium Arvense</i>) | CHEMICAL | 0.5 | 13 |
| SPOTTED KNAPWEED (<i>Centaurea Maculosa</i>) | CHEMICAL/MECHANICAL | 0 | 2.4 |
| TALL WHITETOP (<i>Lepidium Latifolium</i>) | CHEMICAL | 0 | 1.6 |
| VEGETATION MANAGEMENT | CHEMICAL | 20.6 | 0 |
| DYERS WOAD (<i>Isatis Tinctoria</i>) | CHEMICAL | 8.3 | 2.5 |

HONEY LAKE

| | | | |
|---|--------------------------------|------|-----|
| SCOTCH THISTLE (<i>Onopordum Acanthium</i>) | CHEMICAL/MECHANICAL | 51 | 62 |
| DIFFUSE KNAPWEED (<i>Centaurea Diffusa</i>) | CHEMICAL | 0.03 | 0.1 |
| SQUARROSE KNAPWEED (<i>Centaurea Squarrosa</i>) | CHEMICAL | 0.01 | 0 |
| YELLOW STARHISTLE (<i>Centaurea Solstitialis</i>) | CHEMICAL/MECHANICAL | 1.6 | 2.0 |
| MEDITERRANEAN SAGE (<i>Salvia Asethiopis</i>) | CHEMICAL | 0.02 | 0.2 |
| PUNCTUREVINE (<i>Tribulus Terrestris</i>) | CHEMICAL | 15 | 3.4 |
| CANADA THISTLE (<i>Cirsium Arvense</i>) | CHEMICAL | 0 | 0.3 |
| SPOTTED KNAPWEED (<i>Centaurea Maculosa</i>) | CHEMICAL/MECHANICAL | 5 | 19 |
| TALL WHITETOP (<i>Lepidium Latifolium</i>) | CHEMICAL | 0.4 | 4.5 |
| VEGETATION MANAGEMENT | CHEMICAL | 5.3 | 3.1 |
| DALMATIAN TOADFLAX (<i>Linaria Dalmatica</i>) | CHEMICAL/MECHANICAL/BIOLOGICAL | 0.3 | 0.7 |
| RUSH SKELETONWEED (<i>Chondrilla Juncea</i>) | CHEMICAL | 0.15 | 3.7 |
| RUSSIAN KNAPWEED (<i>Acroptilon Repens</i>) | CHEMICAL/BIOLOGICAL | 0.2 | 1.1 |
| MYRTLE SPURGE (<i>Euphorbia Myrsinites</i>) | CHEMICAL/MECHANICAL | 0.50 | 0.8 |



Spray crews use a variety of methods and equipment in our ongoing war against noxious weeds. Through cooperative agreements with federal, state and local partners, the Agricultural Commissioner's office is able to better combat the constant invasion of "rated pests". Biological control methods are proving helpful with Dalmatian toadflax and Russian knapweed.



REGISTERED ORGANIC PROGRAM

| ORGANIC PRODUCTS | YEAR | NUMBER OF ORGANIC RANCHES | ORGANIC ACRES | ORGANIC TOTAL |
|--|------|---------------------------|---------------|-----------------|
| ALFALFA HAY, GRAIN | 2023 | 12 | 131,763.48 | \$ 5,760,920.00 |
| HAY, WILD RICE, CATTLE, VARIOUS SEED CROPS, SEED PEAS, ENDIVE, WHEAT, PASTURE AND RANGELAND | 2022 | 14 | 91,423.00 | 4,723,588.00 |



LASSEN COUNTY DIRECT MARKETING OPPORTUNITIES

**LOCAL AREA REVITALIZATION
COOPERATIVE CERTIFIED
FARMER'S MARKET**
JUNE THROUGH OCTOBER

**WESTWOOD FRIDAY NIGHT
MARKET**
JUNE THROUGH OCTOBER

COMMUNITY OUTREACH

Direct marketing provides an avenue for small farmers to market their products directly to the consumer through Certified Farmer's Markets, roadside stands or other approved outlets. This allows the consumer the opportunity to meet and support local farmers while ensuring that the agricultural products are of good quality and the consumer is treated fairly.



OTHER DIRECT MARKETING



Mile High Mill
Wemple's Pumpkin Patch
Old Folks Farming
Rustic Rancher
Hole-In-One Ranch
Five Dot Ranch
Hulsman Ranch
Country Gardens

Organic Wheat Flour
Pumpkins/AG Tourism
Vegetables/Greens for Local Restaurants
Greens/Sprouts in Local Markets
Grass-Fed Meat (Beef, Pork, Lamb)
Pasture-Raised Beef
Grass Fed Beef & Lamb
Miscellaneous Nursery Stock



2023 LASSEN COUNTY CROP & LIVESTOCK REPORT

530-251-8110

FAX: 530-251-2726

175 RUSSELL AVENUE • SUSANVILLE, CA 96130

AGCOMMISSIONER@CO.LASSEN.CA.US • 2023 LASSEN COUNTY CROP & LIVESTOCK REPORT