



# 2018 Crop & Livestock Report





# 2018 Crop & Livestock Report

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### Agricultural Commissioner/Sealer Weights Measures

**James E. Smith**

#### Senior Deputy Agricultural Commissioner

Tony Orr

Jodi Aceves

#### Deputy Sealer of Weights & Measures

Larry Hicks

#### Deputy Agricultural Commissioner

Carolyn Gorden

#### Ag & Standards Technician

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#### Agriculture Inspector

Coleman Fitzgerald

#### Vegetation Control Supervisor

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#### Animal Shelter Technician

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#### GIS Specialist

Holly Baun

#### Detection Trapper

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#### Seasonal Noxious Weed Eradication Crew

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Paul Hardaway

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# COUNTY OF SISKIYOU Department of Agriculture

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JAMES E. SMITH

AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS AND MEASURES

AIR POLLUTION CONTROL OFFICER  
ANIMAL CONTROL OFFICER

Karen Ross, Secretary

California Department of Food and Agriculture

&

The Honorable Board of Supervisors, Siskiyou County

Supervisor Brandon Criss, District 1

Supervisor Ed Valenzuela, District 2

Supervisor Michael Kobseff, District 3

Supervisor Lisa Dixon, District 4

Supervisor Ray Haupt, Chair, District 5

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the Siskiyou County Annual Crop and Livestock Report for 2018. This report represents estimated acreage, yield, and gross value of Agriculture products in Siskiyou County.

The gross agricultural receipts for 2018 totaled \$361,504,212. This represents an increase of \$35,736,059 from the 2017 growing season. Even with a reduction in acreage, nursery crops continue to be the largest contributor to Siskiyou County's agriculture production, with \$150,706,160 in value.

Moderate to severe drought conditions affected agriculture production in 2018; irrigation water was limited, fallowed acres increased, short irrigation season impacted yield and quality, and massive wild-fires burned up rangeland and timber.

The figures contained in this report represent gross values only, and do not reflect a net return to the producer or the cost of production. Also, the figures do not reflect any one individual operation since the entire county is the smallest unit measured for any particular commodity.

I sincerely appreciate the efforts and cooperation of all the agricultural interests which provided production information. I especially thank the department staff for compiling and producing this informative publication.

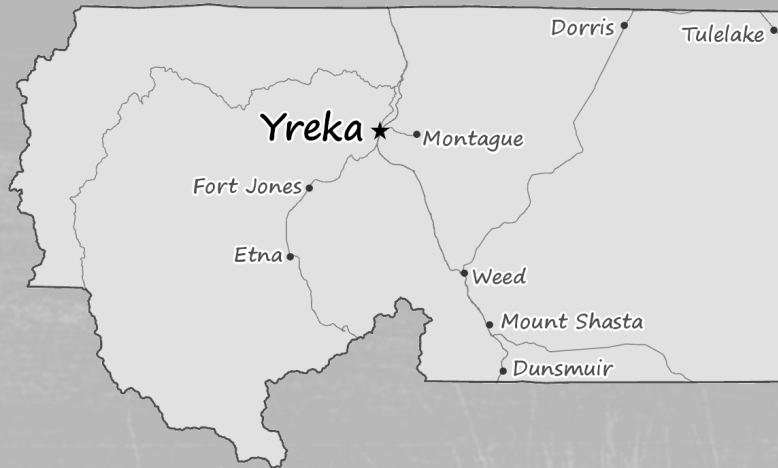
Respectfully submitted,

JAMES E SMITH

Agricultural Commissioner/Sealer of Weights and Measures

# General County Information

County Seat	Yreka
Population (2016)	43,603
Total appraised value(2010)	\$4,340,595,136
Area of County (square miles)	6,287
Acres in County	4,038,843
Land in Farms (acres)	1,153,246
Cropland Acres	210,000
Irrigated Acres	138,000
Rangeland (woodland and forest)	2,525,216
Urban Acres	12,381



## INCORPORATED CITIES

Yreka  
 Montague  
 Fort Jones  
 Weed  
 Mount Shasta  
 Dunsmuir  
 Dorris  
 Tulelake

## MAJOR FARMING AREAS

Scott Valley  
 Shasta Valley  
 Butte Valley  
 Tulelake

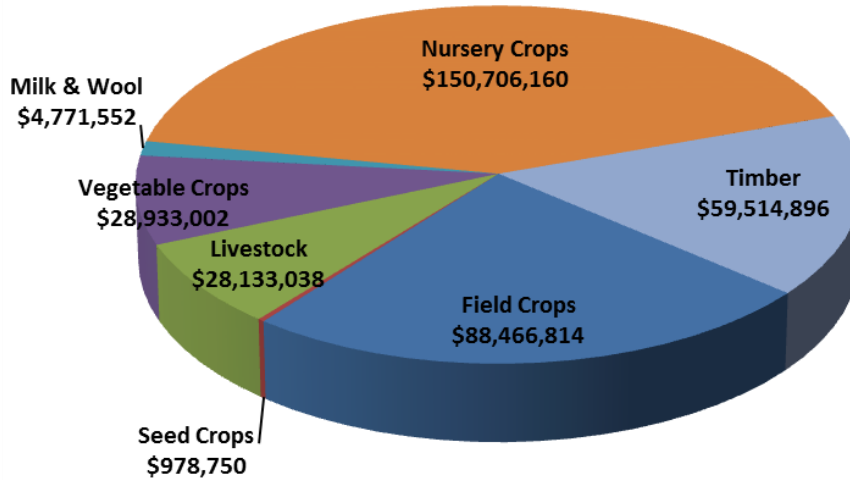
## MAJOR RIVERS

Klamath  
 Shasta  
 Scott  
 Sacramento  
 Salmon

# Siskiyou County Crop & Livestock Summary



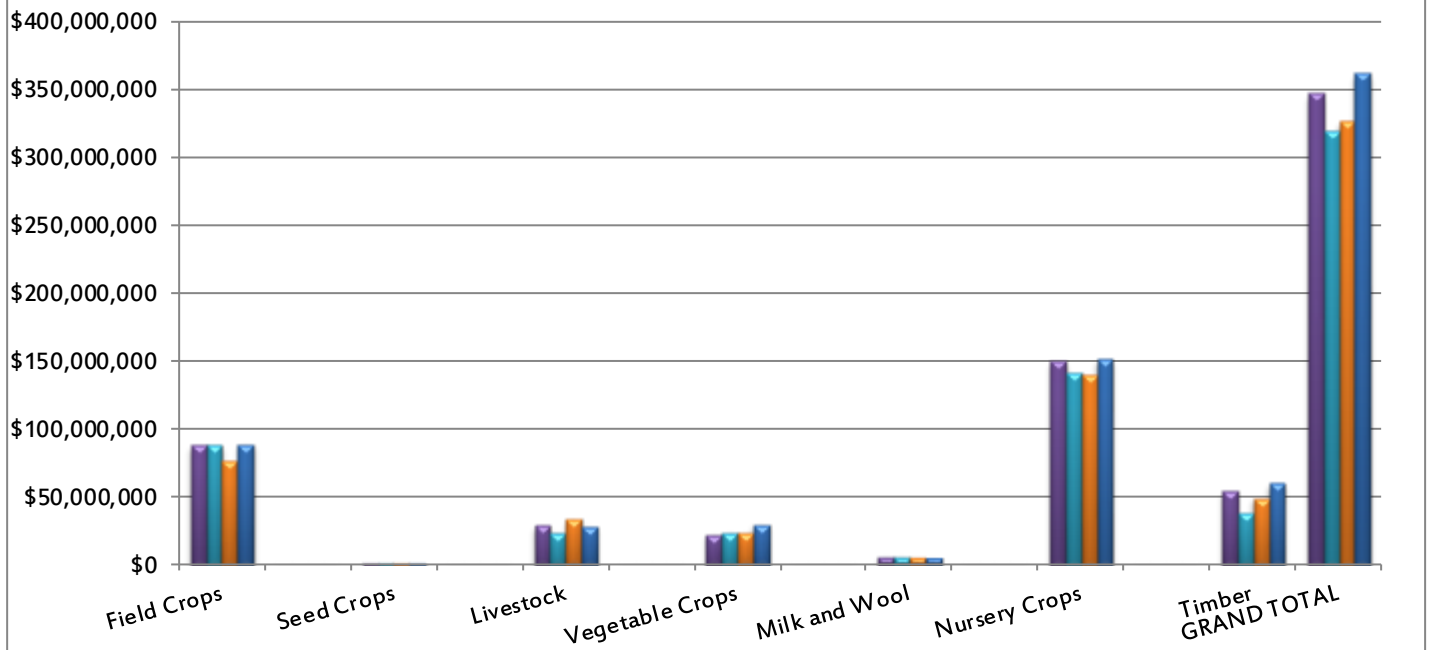
2018 Total Production Value \$361,504,212



## COMPARISON SUMMARY

	2015	2016	2017	2018
Field Crops	\$87,409,497	\$87,564,494	\$75,958,730	\$88,466,814
Seed Crops	\$239,263	\$418,000	\$631,438	\$978,750
Livestock	\$28,638,880	\$23,323,240	\$33,023,873	\$28,133,038
Vegetable Crops	\$21,721,776	\$23,445,150	\$23,622,000	\$28,933,002
Milk and Wool	\$5,803,480	\$5,977,385	\$5,315,729	\$4,771,552
Nursery Crops	\$149,580,232	\$140,084,977	\$138,820,000	\$150,706,160
Timber	\$53,336,097	\$37,491,337	\$48,396,383	\$59,514,896
<b>GRAND TOTAL</b>	<b>\$346,729,225</b>	<b>\$318,304,583</b>	<b>\$325,768,153</b>	<b>\$361,504,212</b>

## 2015-2018 Siskiyou County Agriculture Production





# Field Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Alfalfa Hay	2018	32,730	6.50	212,745	Ton	\$ 190.00	\$ 40,421,550
	2017	29,525	6.50	191,913	Ton	\$ 190.00	\$ 36,463,375
Organic Alfalfa Hay	2018	1,975	5.25	10,369	Ton	\$ 260.00	\$ 2,695,875
	2017	1,900	5.25	9,975	Ton	\$ 260.00	\$ 2,593,500
Other Hay*	2018	17,930	4.50	80,685	Ton	\$ 260.00	\$ 20,978,100
	2017	15,800	5.20	82,160	Ton	\$ 175.00	\$ 14,378,000
Organic Grain/Forage/Hay	2018	3,000	4.00	12,000	Ton	\$ 280.00	\$ 3,360,000
	2017	3,000	4.00	12,000	Ton	\$ 250.00	\$ 3,000,000
Oats	2018	981	2.10	2,060	Ton	\$ 180.00	\$ 370,818
	2017	25	2.40	60	Ton	\$ 160.00	\$ 9,600
Barley	2018	2,640	2.75	7,260	Ton	\$ 180.00	\$ 1,306,800
	2017	2,540	2.75	6,985	Ton	\$ 168.00	\$ 1,173,480
Organic Barley	2018	2,175	1.75	3,806	Ton	\$ 330.00	\$ 1,256,063
	2017	950	1.75	1,663	Ton	\$ 310.00	\$ 515,375
All Wheat	2018	7,935	3.25	25,789	Ton	\$ 177.00	\$ 4,564,609
	2017	8,000	3.25	26,000	Ton	\$ 137.00	\$ 3,562,000
Organic Wheat	2018	1,480	2.75	4,070	Ton	\$ 370.00	\$ 1,505,900
	2017	1,225	3.00	3,675	Ton	\$ 340.00	\$ 1,249,500
Rye/Triticale	2018	315	0.90	284	Ton		\$ -
	2017	400	0.90	360	Ton	\$ 235.00	\$ 84,600
Organic Rye Hay	2018	100					\$ 14,000
	2017	90					\$ 12,600
Pasture - Irrigated	2018	75,000	5 AUM/A	\$15/AUM	Acre	\$ 75.00	\$ 5,625,000
	2017	75,000	5 AUM/A	\$15/AUM	Acre	\$ 70.00	\$ 5,250,000
Organic Pasture Irrigated	2018	12,500	4 AUM/A	\$30/AUM	Acre	\$ 120.00	\$ 1,500,000
	2017	12,200	4 AUM/A	\$30/AUM	Acre	\$ 120.00	\$ 1,464,000
Pasture - Non Irrigated	2018	145,000	1.2 AUM/A	\$15.50/AUM	Acre	\$ 15.50	\$ 2,247,500
	2017	145,000	1.2 AUM/A	\$15.50/AUM	Acre	\$ 15.50	\$ 2,247,500
Organic Non-Irrigated Pasture	2018	3,500	1.2AUM/A	\$18/AUM	Acre	\$ 21.60	\$ 75,600
	2017	2,000	1.2AUM/A	\$18/AUM	Acre	\$ 21.60	\$ 43,200
Rangeland Pasture	2018				Acre	\$ 3.00	\$ -
	2017	445,000			Acre	\$ 3.00	\$ 1,335,000
Mint	2018	525	90.00	47,250	Lb	\$ 20.00	\$ 945,000
	2017	740	90.00	66,600	Lb	\$ 20.00	\$ 1,332,000
Dryland Crops **	2018						\$ 1,250,000
	2017						\$ 850,000
Misc. Crops***	2018						\$ 350,000
	2017						\$ 350,000
Misc. Organic Crops	2018						\$ 45,000
	2017						\$ 45,000
<b>Total Field Crops</b>	<b>2018</b>	<b>307,786</b>				<b>\$</b>	<b>\$ 88,466,814</b>
	<b>2017</b>	<b>743,395</b>				<b>\$</b>	<b>\$ 75,958,730</b>

\* Grass alfalfa, grain hay, grass hay

\*\* Triticale, alfalfa, barley, wheat, forage hay

\*\*\* Stubble pasture, straw & silage, wild rice, forage mix



# Seed Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Potatoes	2018	85	325.00	27,625.00	Cwt	\$14.00	\$386,750.00
	2017	75	325.00	24,375.00	Cwt	\$14.00	\$341,250.00
Rye	2018	70	1.50	105.00	Ton	\$275.00	\$28,875.00
	2017	85	1.50	127.50	Ton	\$275.00	\$35,062.50
Triticale	2018	30	2	52.50	Ton	\$250.00	\$13,125.00
	2017	30	2	52.50	Ton	\$250.00	\$13,125.00
Wheat (all)	2018	500	4.00	2,000.00	Ton	\$275.00	\$550,000.00
	2017	220	4.00	880.00	Ton	\$275.00	\$242,000.00
<b>Total</b>	<b>2018</b>						<b>\$978,750.00</b>
	<b>2017</b>						<b>\$631,437.50</b>



# Fallowed Acres

Soil Fume/Preplant	2018	5,200.00	Acres
	2017	3,150.00	Acres
Tulelake Irrigation District	2018	2,320.00	Acres
	2017	1,500.00	Acres
Drought Fallow	2018	2,000.00	Acres
	2017	0	Acres

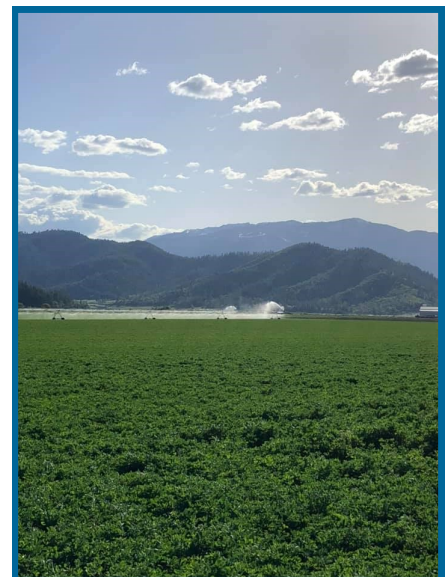
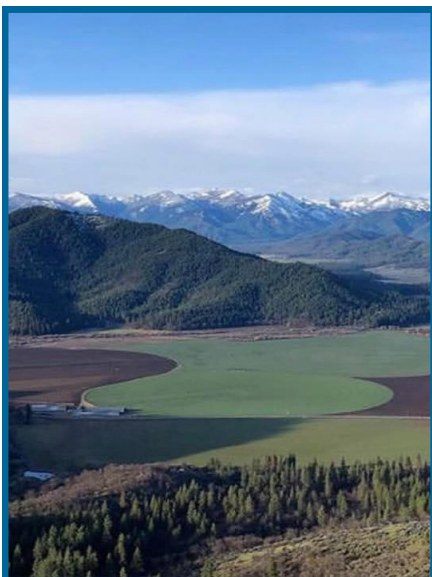




# Organic Crops

Crop	Year	Total	Units	Value
Fruit & Nuts*	2018	5	Acres	9,500.00
	2017	5	Acres	8,500.00
Pumpkins	2018	0	Acres	0.00
	2017	0	Acres	0.00
Tea Leaves	2018	5	Acres	145,000.00
	2017	5	Acres	141,000.00
Onions	2018	0	Acres	3,000.00
	2017	0	Acres	3,000.00
Potato	2018	1,412	Acres	6,933,500.00
	2017	1,132	Acres	3,962,000.00
Oats	2018	320	Acres	160,000.00
	2017	240	Acres	120,000.00
Rye	2018		Acres	1,700.00
	2017	25	Acres	1,700.00
Greenhouse Products	2018	43,560	Sq Ft	20,500.00
	2017	43,560	Sq Ft	20,000.00
Nectarine	2018	1	Acres	15,000.00
	2017	1	Acres	15,000.00
Peach	2018	5	Acres	84,000.00
	2017	5	Acres	84,000.00
Winter Squash	2018		Acres	8,300.00
	2017		Acres	8,300.00
Garlic	2018	30	Acres	120,000.00
	2017	0	Acres	250.00
Apples	2018	26	Acres	38,500.00
	2017	26	Acres	37,000.00
Carrots	2018	1	Acres	2,650.00
	2017	1	Acres	2,675.00
Misc Crops > 1 Acre	2018	85	Acres	75,000.00
	2017	85	Acres	75,000.00
<b>Total</b>	<b>2018</b>			<b>538,150.00</b>
	<b>2017</b>			<b>375,525.00</b>

\*Acres included that were in production previously.





# Nursery



Item	Year	Quantity Sold By Producers	Unit	Value Per Unit	Total	
Christmas Trees	2018	23,600	Linear Feet	\$0.60	\$ 14,160	
	2017		Linear Feet	\$0.65	\$ 0	
Seasonal Greenery*	2018	15,000	Each	\$14.00	\$ 210,000	
	2017	15,000	Each	\$14.00	\$ 210,000	
Strawberry Plants	2018	2,615	acres	370,000 per acre	\$140.00/ 1,000	\$ 135,457,000
	2017	2,810	acres	325,000 per acre	\$140.00/ 1,000	\$ 127,855,000
Organic Strawberry Plants	2018	4.2	acres	200,000 per acre	\$205.00/ 1,000	\$ 172,200
	2017	3.7	acres	200,000 per acre	\$200.00/ 1,000	\$ 148,000
Raspberry Plants	2018	600,000	Roots/lbs	\$13.50	\$ 8,100,000	
		500,000	Canes/1000	\$850.00	\$ 425,000	
	2017	340,000	Roots/lbs	\$13.00	\$ 4,080,000	
		500,000	Canes/1000	\$850.00	\$ 425,000	
Misc. Nursery Products**	2018				\$ 6,500,000	
	2017				\$ 6,250,000	
<b>Total</b>	<b>2018</b>				<b>\$ 150,706,160</b>	
	<b>2017</b>				<b>\$ 138,820,000</b>	

\* Value adjusted to reflect reported totals

\*\*Bedding plants, flowers/shrubs, conifer seedlings for reforestation

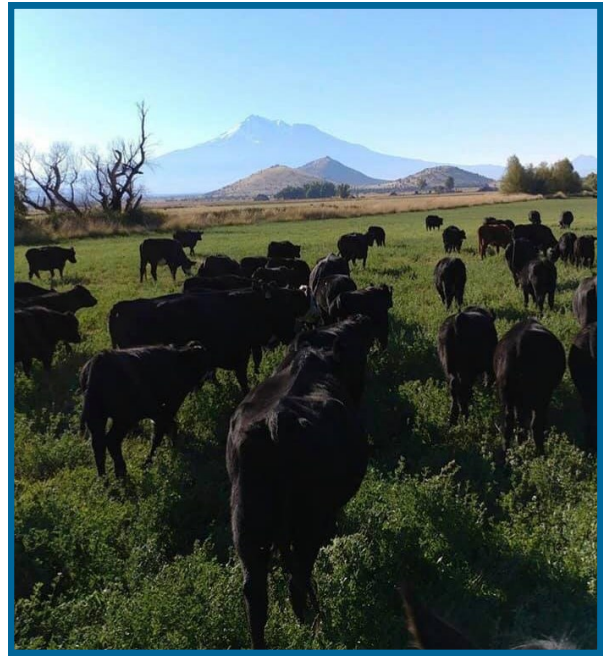
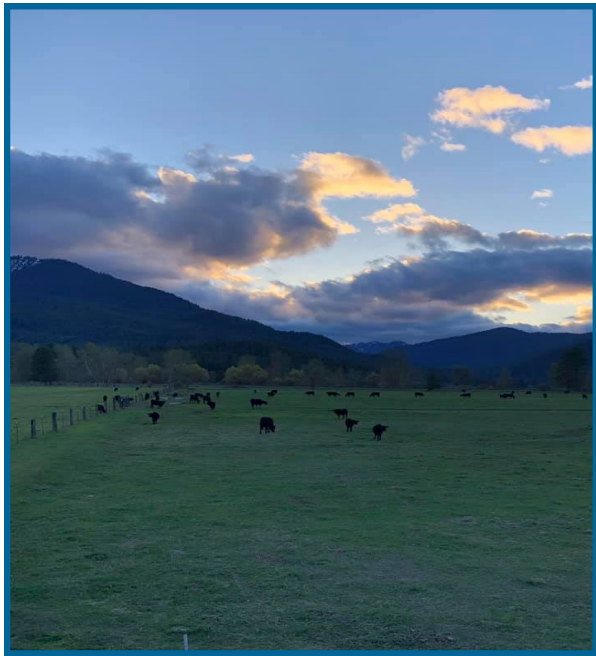




# Livestock Production

Item	Year	No. Head	Live Weight	Unit	Value Per Unit	Total
Bulls	2018	970	14,550	Cwt	85	\$ 1,236,750
	2017	970	14,550	Cwt	120	\$ 1,746,000
Cows	2018	8,250	99,000	Cwt	72	\$ 7,128,000
	2017	8,180	98,160	Cwt	123	\$ 12,073,680
Steers & Heifers	2018	16,800	117,600	Cwt	154	\$ 18,110,400
	2017	16,650	116,550	Cwt	152	\$ 17,715,600
Sheep	2018	1,370	2,192	Cwt	74	\$ 162,208
	2017	1,445	2,312	Cwt	64	\$ 147,968
Lambs	2018	7,340	8,220.80	Cwt	152	\$ 1,115,680
	2017	7,725	8,652.00	Cwt	125	\$ 965,625
Misc. Poultry & Livestock*	2018					\$ 380,000
	2017					\$ 375,000
<b>Total</b>	<b>2018</b>					<b>\$ 28,133,038</b>
	<b>2017</b>					<b>\$ 33,023,873</b>

\*Apiary products, buffalo, eggs, fryers, goats, hens, hogs, horses, llamas, mules, pigs, rabbits, venison.



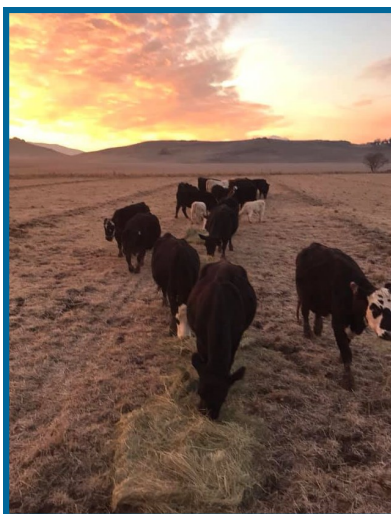
## Milk & Wool

Item	Year	Production	Unit	Value per Unit	Value Total
Milk (Market)	2018	300,000	Cwt	15.80	\$ 4,740,000
	2017	300,000	Cwt	17.62	\$ 5,286,000
Wool	2018	13,600	Lb	2.32	\$ 31,552
	2017	13,700	Lb	2.17	\$ 29,729
<b>Total</b>	<b>2018</b>				<b>\$ 4,771,552</b>
	<b>2017</b>				<b>\$ 5,315,729</b>

# Inventories of Livestock & Poultry



	Jan. 1 2014	Jan. 1 2015	Jan. 1 2016	Jan. 1 2017	Jan. 1 2018
Cattle and calves (all)	46832	50,500	51,500	52,050	52,600
Organic Cattle	968	970	990.00	980.00	990
Milk cows 2 years and over	900	900	900.00	900.00	900
Dairy heifers on feed	825	1,710	1,680	1,640.00	1,640
Sheep and lambs	4229	4,290	4,310	4,265.00	4,180
Goats	2700	2,700	2,700	2,680.00	2,720
Hogs and pigs (all)	370	370	375	375.00	380
Horses and mules (all)	12000	12,000	11,850	11,800.00	11,900
Hens and pullets of laying age	630	630	625	625.00	630





# Fruit & Vegetable Crops

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Value Per Unit	Total
Carrots	2018	237	1,335	316,395	Cwt.	2.60	\$ 822,627
	2017	360	1,350	486,000	Cwt.	2.50	\$ 1,215,000
Organic Potatoes	2018	1,415	350	495,250	Cwt.	14.00	\$ 6,933,500
	2017	1,130	350	395,500	Cwt.	10.00	\$ 4,083,750
Potatoes	2018	2,675	500	1,337,500	Cwt.	7.50	\$ 10,031,250
	2017	1,500	520	780,000	Cwt.	6.00	\$ 9,031,650
Dehydrator Onions	2018	1,150	500	575,000	Cwt.	8.30	\$ 4,772,500
	2017	1,365	500	682,500	Cwt.	8.20	\$ 7,298,000
Horseradish	2018	170	2.5	425	Ton	525	\$ 223,125
	2017	170	2.5	425	Ton	500	\$ 212,500
Misc. Other Crops*	2018						\$ 6,150,000
	2017						\$ 6,550,000
Misc. Other Organic Crops**	2018						\$ 243,000
	2017						\$ 243,000
<b>Total</b>	<b>2018</b>						<b>\$ 28,933,002</b>
	<b>2017</b>						<b>\$ 28,633,900</b>

\*Apples, beans, berries, cherries, endive, garlic herbs, large gardens, melons, mushrooms, onions, peaches, pears, squash, sweet corn, tomatoes, wine grapes.  
 \*\* Strawberries, onions, asparagus, green house products, nectarine, peach, winter squash



## Timber

Year	Production / Million Board Feet	Value
2018	212,879	\$59,514,896
2017	208,745	\$48,396,383
2016	199,787	\$37,491,337
2015	249,143	\$53,336,097
2014	183,730	\$36,744,542
2013	144,874	\$33,049,583

# Sustainable Agriculture



BIOLOGICAL CONTROL	AGENT/MECHANISM	PROGRAM SIZE
<b>Yellow Star Thistle</b> <i>Centaurea solstitialis</i>	<b>Seed Head Weevil</b> <i>Bangasternus orientalis</i> <b>Peacock Fly</b> <i>Chaetorellia australis</i> <b>False Peacock Fly</b> <i>Chaetorellia syccinea</i> <b>Seed Head Fly</b> <i>Urophora sirunaseva</i> <b>Hairy Weevil</b> <i>Eustanopus villosus</i>	Established Wide spread Wide spread Wide spread Established
<b>Russian Knapweed</b> <i>Rhaponticum repens</i>	<b>Gall Midge</b> <i>Jaapiella ivannikovi</i> <b>Gall Wasp</b> <i>Aulacidae acroptilonicais</i>	Released (4 sites) survival undetermined Released (6 Sites) survival undetermined
<b>Leafy Spurge</b> <i>Euphorbia esula</i>	<b>Flea Beetles</b> <i>Apthona lacertosa</i> <b>Longhorned Beetles</b> <i>Oberea erythrocephala</i>	Maintained with survival at 1 sites Established with survival at 1 sites
<b>Musk Thistle</b> <i>Carduus nutans</i>	<b>Seed Head Weevil</b> <i>Rhinocyllus conicus</i>	Established
<b>Canada Thistle</b> <i>(Cirsium arvense)</i>	<b>Stem-mining Weevil</b> <i>Ceutorhynchus litura</i>	Survival and spread 1 sites Additional release 1 site
<b>St. Johnswort/Klamathweed</b> <i>Hypericum perforatum</i>	<b>Inchworm/Caterpillar-Moth</b> <i>Aploclera plagiata</i> <b>Klamath Weed Beetle</b> <i>Chrysolina Quadrigemina and</i> <i>Chrysolina hyperici</i>	Released (2 sites) survival undetermined Wide Spread/Established
PEST ERADICATION	AGENT/MECHANISM	PROGRAM SIZE
Noxious Weeds Roadside Control	Herbicides/Mechanical Herbicides	1,300 sites, 23 weed species treated, 1,593 acres treated, 1,610 miles
PEST DETECTION	NUMBER OF TRAPS	PROGRAM SIZE
Gypsy Moth	330	Throughout county
Japanese Beetle	5	Urban areas
European Pine Shoot Moth	5	Throughout county
Light Brown Apple Moth	17	Butte Valley Nursery Production Areas
Marmorated Stink Bug	1	Yreka
PEST EXCLUSION		
Nursery stock and seed*	127 shipments inspected and/or profiled	
Phytosanitary Certificates	80 Issued	
Nursery Stock Field Inspection	3,043.99 acres inspected	
*008's included		



# Weights & Measures

Our Siskiyou County Weights and Measures inspector tests a large variety of devices for accuracy; from small capacity scales used at your local farmers markets to vehicle scales for hay haulers. Any device that weighs or measures must be accurate before they can be placed into commercial use. That's where our inspector comes in. He ensures their accuracy and that they are approved for their specific use. If the device passes inspection, the inspectors places a county seal that is visible to consumer. When you see this sticker on your local grocery store scale or gas pump, you can be assured you are being sold an honest weight or measure.

**Siskiyou County Totals:  
239 Locations  
2577 Devices**

<b>DEVICE TYPE</b>	<b>QUANTITY</b>
LPG Meters	38
Vapor Meters	985
Electric Meters	431
Taxi Meters	2
Vehicle Meters	32
Computing Scales	133
Counter Scales	37
Hanging Scales	8
Platform Scales	20
Livestock Scales	66
Railway Scales	0
Vehicle Scales	42
Gas Dispensers	743
Retail Other	12
Meat Beam	7
Hoppers	12
Wire/Cord	9

# The Klamathon Fire



The Klamathon Fire near Hornbrook, California was reported on July 5, 2018 and was contained on July 21. Burning 38,008 acres the fire threatened private timber lands along the California-Oregon border; public lands in the Klamath National Forest, Rogue River-Siskiyou National Forest; Jackson County, Oregon, communities of Hornbrook and Hilt, California; and Coleston, Oregon. It destroyed 82 structures, damaged 12 structures, injured three firefighters, and killed one civilian. Numerous injuries to livestock and pets occurred, along with loss of pasture and rangeland.





**James E. Smith**

**Agricultural Commissioner**

**Sealer of Weights and Measures**

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