



# United States Department of the Interior

BUREAU OF RECLAMATION  
Mid-Pacific Region  
Klamath Basin Area Office  
6600 Washburn Way  
Klamath Falls, OR 97603-9365

IN REPLY REFER TO:

KO-400  
2.1.3.11 (WTR-3.00)

**FEB 24 2020**

VIA ELECTRONIC MAIL ONLY

Bureau of Reclamation  
Scott Springer, Land Resources Manager (CGB-440)  
2800 Cottage Way  
Sacramento, California 95825

Subject: 2017 Crop Report, Klamath Project, Oregon-California

Enclosed are the completed Crop Production forms for the 2017 crop year. As a requirement in the water contracts, all crop acreages are provided annually by irrigation districts. All values and yields for Oregon and California were obtained from Oregon State University-Klamath Experiment Station and Tulelake Irrigation District respectively.

Table 1 shows the crop acreage and value statistics compared to previous year.

<b>Table 1. CROP STATISTICS (acres)</b>	<b>2017</b>	<b>2016</b>	<b>Change</b>	<b>% Change</b>
*WATER RENTAL	1,150	1,175	25	-2%
IDLED LANDS	4,340	4,664	324	-7%
ROW CROP (Potatoes & Onions)	15,070	8,070	-7,000	87%
HAY	75,929	78,379	2,450	-3%
GRAIN	49,336	50,297	961	-2%
PASTURE	44,035	37,963	-6,072	16%
GROSS CROP VALUE - OR	79,770,384	90,207,392	10,437,008	-12%
GROSS CROP VALUE - CA	84,751,781	78,344,795	-6,406,986	8%
<b>TOTAL GROSS CROP VALUE</b>	<b>168,552,187</b>	<b>168,552,187</b>	<b>0</b>	<b>0%</b>
* Contracts for the use of rental water are for one year's use; therefore, the area receiving this type of service varies from year to year.				
<b>WATER STATISTICS (AF-Delivered)</b>				
UPPER KLAMATH LAKE	412,117	409,791	2,326	1%
CLEAR LAKE RESERVOIR	27,450	26,248	1,202	5%
GERBER RESERVOIR	27,807	32,925	-5,118	-16%

Crop Narrative: Normal winter snowpack allowed for full surface water deliveries. This combined with favorable weather, allowed for average or above crop yields.

If you have any questions, please contact Mike Green at (541) 880-2565 or by e-mail at [mgreen@usbr.gov](mailto:mgreen@usbr.gov).

Sincerely,



James Gale  
Chief, Engineering Division

Enclosures

Identical Letter Sent To:

Tulelake Irrigation District  
[bkirby.tid@cot.net](mailto:bkirby.tid@cot.net)

OSU Extension Service, Ag. Agent  
[Brian.a.charlton@oregonstate.edu](mailto:Brian.a.charlton@oregonstate.edu)

U.C. Intermountain Research and  
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[rgwilson@ucanr.edu](mailto:rgwilson@ucanr.edu)

Klamath County Assessor  
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Klamath Water Users Association  
[chelsea@kwua.org](mailto:chelsea@kwua.org)

cc: KO-400 (MGreen, SWestfall)  
(w/encl)

## CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2017

	PROJECT AND SUBDIVISION: <b>KLAMATH</b>	STATE: <b>CALIFORNIA</b>		
LINE CODE	<b>PART A - ACREAGE SUMMARY</b>			
(10-12)	<b>LANDS IN IRRIGATION ROTATION (ACRES)</b>	CLASS 1-4	CLASS 5	TOTAL
		13-21	(22-30)	
11	HARVESTED CROPLAND & PASTURE (FROM LINE 194)	63,563.03		63,563.03
12	CROPLAND NOT HARVESTED & SOIL BUILDING	169.40		169.40
13	ACRES IRRIGATED (LINES 11 +12)	63,732.43		63,732.43
14	FALLOW OR IDLE	973.00		973.00
15	TOTAL AREA IN IRRIGATION ROTATION (CULTIVATION) (LINES 13+14)	64,705.43		64,705.43
	<b>LANDS NOT IN IRRIGATION ROTATION (ACRES)</b>			
16	DRY CROPPED, IDLE, FALLOW OR GRAZED			0.00
17	FARMSTEADS, ROADS , DITCHES, DRAINS	0.00		0.00
18	TOTAL AREA NOT IN IRRIGATION ROTATION (LINES 16+17)	0.00		0.00
19	NON-AGRICULTURAL (ROADS, DRAINS, GARDENS, URBAN AREAS)	1,083.00		1,083.00
20	TOTAL IRRIGABLE AREA FOR SERVICE (LINES 15+18+19)	65,788.43		65,788.43
21	TOTAL IRRIGATABLE LAND NOT FOR SERVICE			0.00
22	TOTAL IRRIGABLE AREA (LINES 20+21)	65,788.43		65,788.43
23	CLASS 6 - TEMPORARILY IRRIGATED			
	<b>PART B - CROP VALUE SUMMARY</b>			
31	GROSS CROP VALUE (FROM LINE 194)			\$84,471,546.75
32	ADDITIONAL REVENUE:		(22-30)	
33	FEDERAL FSA PAYMENTS			
34	SUGAR PROGRAM			
35	TOTAL ADDITIONAL REVENUE (LINES 33+34)			\$0.00
36	TOTAL VALUE (GROSS CROP VALUE PLUS ADDITIONAL REVENUE-31+35)			<b>\$84,471,546.75</b>
37	TOTAL IRRIGATED ACREAGE (FROM LINE 13)			<b>63,732.43</b>
38	AVERAGE VALUE PER IRRIGATED ACRE (LINE 36/LINE 37)			<b>\$1,325.41</b>
	<b>PART C - NUMBER OF FARMS AND POPULATION</b>			
		NO. OF FARMS	IRRIG. AC.	POPULATION
41	FULL TIME FARMS (Est.)	290.00		
42	PART TIME FARMS (Est.)	120.00		
43	NON-AGRICULTURAL LANDS (ACRES FROM LINE 19)		1,083.00	
44	TOTAL (ACRES FROM LINE 20)		65,788.43	

## CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2017 - CALIFORNIA

PART D - CROP PRODUCTION			Edited by: MG 5/8/2018						
	LINE CODE	CROPS IRRIGATED IN IRR. ROTATION	ACRES	UNIT	YIELD		VALUE OF CROPS		
					PER ACRE	TOTAL	PER UNIT	PER ACRE	TOTAL
C E R E A L S	50	BARLEY (malt/brew)	7039.0	BU.	114.58	806,552.08	4.080	467.50	3,290,732.50
	51	BARLEY (feed)	6677.1	BU.	104.17	695,529.17	3.600	375.00	2,503,905.00
	52	CORN	0.0	BU.	0.00	0.00	0.000	0.00	0.00
	53	OATS	148.7	BU.	131.25	19,512.50	2.560	336.00	49,952.00
	57	WHEAT	8470.6	BU.	108.33	917,646.53	5.100	552.50	4,679,997.29
	58	OTHER CEREALS	971.0	BU.	83.33	80,916.67	3.600	300.00	291,300.00
		<b>TOTAL CEREALS</b>	<b>23306.3</b>						<b>10,815,886.79</b>
F O R A G E	61	ALFALFA HAY	22304.5	TON	6.50	144,979.25	170.00	1,105.00	24,646,472.50
	62	OTHER HAY	2630.0	TON	4.50	11,835.00	184.00	828.00	2,177,640.00
	63	IRRIGATED PASTURE	2435.0	AUM	5.00	12,175.08	15.00	75.00	182,626.13
	65	SILAGE OR ENSILAGE (CORN)	0.0	TON	145.00	0.00	10.00	1,450.00	0.00
	70	OTHER FORAGE (SPECIFY)	30.0	TON		0.00		0.00	0.00
		<b>TOTAL FORAGE</b>	<b>27399.5</b>						<b>27,006,738.63</b>
O T H E R	87	PEPPERMINT	2209.0	LBS	90.00	198,810.00	20.00	1,800.00	3,976,200.00
	91	HORSERADISH	443.0	TON	2.50	1,107.50	500.00	1,250.00	553,750.00
	92	CANOLA		LBS		0.00		0.00	0.00
		<b>TOTAL MISCELLANEOUS FIELD CROPS</b>	<b>2652.0</b>						<b>4,529,950.00</b>

## CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2017 - CALIFORNIA

V E G E T A B L E S	101	BROCCOLI	0.0	CWT	0.00	0.00	0.00	0.00	0.00
	113	LETTUCE (ROMAINE)	0.0	LBS		0.00	0.00	0.00	0.00
	117	CARROTS	0.0	CWT	0.00	0.00	0.00	0.00	0.00
	118	ONIONS	2286.2	CWT	460.00	1,051,644.33	7.00	3,220.00	7,361,510.33
	119	PEAS, GREEN (PROCESSING)	0.0	TON	0.00	0.00	0.00	0.00	0.00
	122	POTATOES, CHIP	3683.0	CWT	520.00	1,915,160.00	8.60	4,472.00	16,470,376.00
	123	POTATOES, FRESH	4020.0	CWT	463.00	1,861,260.00	9.75	4,514.25	18,147,285.00
	124	SQUASH	0.0	TON		0.00		0.00	0.00
	127	OTHER VEGETABLES (Garlic)	30.0	CWT	140.00	4,200.00	20.00	2,800.00	84,000.00
		<b>TOTAL VEGETABLES</b>	<b>10019.2</b>						<b>42,063,171.33</b>
N U R S E R	137	STRAWBERRY ROOTSTALK	0.0	PLNT	300,000.00	0.00	0.083	24,900.00	0.00
	138	TURF	0.0	FT <sup>2</sup>	0.00	0.00	0.30	0.00	0.00
		<b>TOTAL NURSERY</b>	<b>0.0</b>						<b>0.00</b>
S E E D	147	PEA SEED	186.0	TON	1.25	232.50	240.00	300.00	55,800.00
	148	POTATO SEED	0.0	CWT	350.00	0.00	17.00	5,950.00	0.00
	150	OTHER SEED (Sunflower)		LBS	400.00	0.00	1.25	500.00	0.00
		<b>TOTAL SEED</b>	<b>186.0</b>						<b>55,800.00</b>
F R U I T S	175	OTHER FRUITS (Specify)			0.00	0.00	0.00	0.00	0.00
	177	GRAPES, WINE			0.00	0.00	0.00	0.00	0.00
		<b>TOTAL FRUITS</b>							0.00
	192	TOTAL ALL CROPS	<b>63563.0</b>						<b>84,471,546.75</b>
	193	LESS MULTIPLE CROPPED							
	194	TOTAL HARVESTED CROPLAND AND PASTURE	<b>63563.0</b>						<b>84,471,546.75</b>

## CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2017

	PROJECT AND SUBDIVISION: <b>KLAMATH</b>	STATE: <b>OREGON</b>		
LINE CODE	<b>PART A - ACREAGE SUMMARY</b>			
(10-12)	<b>LANDS IN IRRIGATION ROTATION (ACRES)</b>	CLASS 1-4	CLASS 5	TOTAL
		13-21	(22-30)	
11	HARVESTED CROPLAND & PASTURE (FROM LINE 194)	125,033.93		125,033.93
12	CROPLAND NOT HARVESTED & SOIL BUILDING	1,430.00		1,430.00
13	ACRES IRRIGATED (LINES 11 +12)	126,463.93		126,463.93
14	FALLOW OR IDLE	3,367.00		3,367.00
15	TOTAL AREA IN IRRIGATION ROTATION (CULTIVATION) (LINES 13+14)	129,830.93		129,830.93
	<b>LANDS NOT IN IRRIGATION ROTATION (ACRES)</b>			
16	DRY CROPPED, IDLE, FALLOW OR GRAZED			
17	FARMSTEADS, ROADS , DITCHES, DRAINS			
18	TOTAL AREA NOT IN IRRIGATION ROTATION (LINES 16+17)	0.00		0.00
19	NON-AGRICULTURAL (ROADS, DRAINS, GARDENS, URBAN AREAS)	5,751.94		5,751.94
20	TOTAL IRRIGABLE AREA FOR SERVICE (LINES 15+18+19)	135,582.87		135,582.87
21	TOTAL IRRIGATABLE LAND NOT FOR SERVICE	0.00		0.00
22	TOTAL IRRIGABLE AREA (LINES 20+21)	135,582.87		135,582.87
23	CLASS 6 - TEMPORARILY IRRIGATED			
	<b>PART B - CROP VALUE SUMMARY</b>			
31	GROSS CROP VALUE (FROM LINE 194)			\$79,770,383.59
32	ADDITIONAL REVENUE:		(22-30)	
33	FEDERAL FSA PAYMENTS			
34	SUGAR PROGRAM			
35	TOTAL ADDITIONAL REVENUE (LINES 33+34)			\$0.00
36	TOTAL VALUE (GROSS CROP VALUE PLUS ADDITIONAL REVENUE-31+35)			<b>\$79,770,383.59</b>
37	TOTAL IRRIGATED ACREAGE (FROM LINE 13)			<b>126,463.93</b>
38	AVERAGE VALUE PER IRRIGATED ACRE (LINE 36/LINE 37)			<b>\$630.78</b>
	<b>PART C - NUMBER OF FARMS AND POPULATION</b>			
		NO. OF FARMS	IRRIGA. AC.	POPULATION
41	FULL TIME FARMS (Est.)	704.00		
42	PART TIME FARMS (Est.)	250.00		
43	NON-AGRICULTURAL LANDS (ACRES FROM LINE 19)		5,751.94	
44	TOTAL (ACRES FROM LINE 20)		135,582.87	

## CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2017 - OREGON

PART D - CROP PRODUCTION				Edited by: MG 5/8/2018					
	LINE CODE	CROPS IRRIGATED IN IRRIG. ROTATION	ACRES	UNIT	YIELD		VALUE OF CROPS (\$)		
					PER ACRE	TOTAL	PER UNIT	PER ACRE	TOTAL
C E R E A L S	50	BARLEY (malt)	1,501.40	BU.	97.40	146,230.10	4.08	467.50	701,904.50
	51	BARLEY (feed)	10,177.50	BU.	88.54	901,132.81	3.60	375.00	3,816,562.50
	52	CORN	0.00	BU.	0.00	0.00	0.00	0.00	0.00
	53	OATS	1,596.00	BU.	111.56	178,053.75	2.56	336.00	536,256.00
	57	WHEAT	11,329.10	BU.	92.08	1,043,221.29	5.10	552.50	6,259,327.75
	58	OTHER CEREALS	678.00	BU.	70.83	48,025.00	3.60	300.00	203,400.00
	59	<b>TOTAL CEREALS</b>	<b>25,282.00</b>						<b>11,517,450.75</b>
F O R A G E	61	ALFALFA HAY	42,331.80	TON	5.53	233,883.20	170.00	939.25	39,760,143.15
	62	OTHER HAY	8,662.80	TON	3.83	33,135.21	184.00	703.80	6,096,878.64
	63	IRRIGATED PASTURE	41,599.63	AUM	4.25	176,798.43	15.00	63.75	2,651,976.41
	65	SILAGE OR ENSILAGE	153.00	TON	123.25	18,857.25	10.00	1,232.50	188,572.50
	70	OTHER FORAGE	102.00	TON					0.00
	71	<b>TOTAL FORAGE</b>	<b>92,849.23</b>						<b>48,697,570.70</b>
O T H E R	81	BEANS, DRY & EDIBLE	0.00	CWT					
	87	PEPPERMINT	63.00	LBS	76.50	4,819.50	20.00	1,530.00	96,390.00
	89	SUGAR BEETS		TON					
	91	OTHER MISC. FIELD CROPS (Specify)	7.00	TON		0.00		0.00	0.00
	92	<b>TOTAL MISCELLANEOUS FIELD CROPS</b>	<b>70.00</b>						<b>96,390.00</b>

## CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2017 - OREGON

V E G E T A B L E S	110	SWEET CORN		CWT					
	117	CARROTS		CWT		0.00		0.00	0.00
	105	CABBAGE		CWT		0.00		0.00	0.00
	118	ONIONS	222.00	CWT	391.00	86,802.00	7.00	2,737.00	607,614.00
	119	PEAS, GREEN (PROCESSING)		CWT					
	122	POTATOES, CHIP	4,066.70	CWT	442.00	1,797,481.40	8.60	3,801.20	15,458,340.04
	123	POTATOES, FRESH	792.00	CWT	393.55	311,691.60	9.75	3,837.11	3,038,993.10
	127	OTHER VEGETABLES (Garlic)	1,545.00	CWT	0.00	0.00	20.00	0.00	0.00
	128	<b>TOTAL VEGETABLES</b>	<b>6,625.70</b>						<b>19,104,947.14</b>
N U R S E R Y	137	STRAWBERRY ROOTSTALK	125.00	PLNT	300,000.00	37,500,000.00		0.00	0.00
	138	TURF	0.00	FT <sup>2</sup>	35,000.00	0.00	0.15	5,250.00	0.00
		<b>TOTAL NURSERY</b>	<b>125.00</b>						<b>0.00</b>
S E E D S	147	PEA SEED		CWT					
	148	POTATO SEED	70.00	CWT	297.50	20,825.00	17.00	5,057.50	354,025.00
	149	SUGAR BEET SEED		CWT.					
	150	OTHER SEED (Specify)		CWT					
	151	<b>TOTAL SEED</b>	<b>70.00</b>						<b>354,025.00</b>
F R U I T S	161	APPLES	2.00			0.00		0.00	0.00
	163	BERRIES, EXCEPT STRAWBERRIES				0.00		0.00	0.00
	175	OTHER FRUITS (Specify)				0.00		0.00	0.00
	177	WINE GRAPES	10.00			0.00		0.00	0.00
		<b>TOTAL FRUITS</b>	<b>12.00</b>						<b>0.00</b>
	192	TOTAL ALL CROPS	<b>125,033.93</b>						<b>79,770,383.59</b>
	193	LESS MULTIPLE CROPPED	0.00						
	194	TOTAL HARVESTED CROPLAND AND PASTURE	<b>125,033.93</b>						<b>79,770,383.59</b>