



# 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 (MGreen)  
WTR-3.00

**MAR 11 2016**

Bureau of Reclamation  
Land Resources Manager  
Attn: MP-450 (SSpringer)  
2800 Cottage Way  
Sacramento, CA 95825

Subject: 2015 Crop Report, Klamath Project, Oregon-California

Enclosed are the completed Crop Production forms for the 2015 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>2015</b>	<b>2014</b>	<b>Change</b>	<b>% Change</b>
*WATER RENTAL	827	807	20	2%
IDLED LANDS	36,993	26,144	10,849	41%
ROW CROP (Potatoes & Onions)	7,947	6,829	1,118	16%
HAY	71,884	70,596	1,287	2%
GRAIN	37,742	42,482	-4,741	-11%
PASTURE	28,021	33,824	-5,802	-17%
GROSS CROP VALUE - OR	\$78,399,129.59	\$93,735,821	-\$15,336,691	-16%
GROSS CROP VALUE - CA	\$83,478,089.59	\$96,596,571	-\$13,118,482	-14%
<b>TOTAL GROSS CROP VALUE</b>	<b>\$161,877,219.18</b>	<b>\$190,332,392</b>	<b>-\$28,455,173</b>	<b>-15%</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.				

Crop Narrative: An extremely mild winter created surface water supply concerns, although supplies were firmed up significantly by the Water Users Mitigation Program (WUMP). Due to favorable weather, overall yields were average or above. The WUMP contributed approximately 38 TAF of groundwater and 29,400 acres from land idling at a flat rate cost of \$300/AF (westside) and \$52 (eastside).

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,

A handwritten signature in black ink, appearing to read 'J. Gale', with a large loop at the start and a long horizontal stroke extending to the right.

James Gale  
Chief, Engineering Division

Enclosures

Identical Letter Sent To:

Tulelake Irrigation District  
P.O. Box 699  
Tulelake, CA 96134

U.C. Intermountain Research and  
Extension Center, Superintendent  
P.O. Box 850  
Tulelake, CA 96134

Klamath Water Users Association  
P.O. Box 1402  
Klamath Falls, OR 97603  
(w/encl to each)

cc: KO-400 (JRoberts)  
(w/encl)

OSU Extension Service, Ag. Agent  
3328 Vandenberg Road  
Klamath Falls, OR 97603

Klamath County Assessor  
305 Main Street  
Klamath Falls, OR 97601

## CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2015

	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)	100,652.40		100,652.40
12	CROPLAND NOT HARVESTED & SOIL BUILDING	1,776.00		1,776.00
13	ACRES IRRIGATED (LINES 11 +12)	102,428.40		102,428.40
14	FALLOW OR IDLE	27,737.00		27,737.00
15	TOTAL AREA IN IRRIGATION ROTATION (CULTIVATION) (LINES 13+14)	130,165.40		130,165.40
	<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)	5,936.90		5,936.90
20	TOTAL IRRIGABLE AREA FOR SERVICE (LINES 15+18+19)	136,102.30		136,102.30
21	TOTAL IRRIGABLE LAND NOT FOR SERVICE	0.00		0.00
22	TOTAL IRRIGABLE AREA (LINES 20+21)	136,102.30		136,102.30
23	CLASS 6 - TEMPORARILY IRRIGATED			
	<b>PART B - CROP VALUE SUMMARY</b>			
31	GROSS CROP VALUE (FROM LINE 194)			\$78,399,129.59
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>\$78,399,129.59</b>
37	TOTAL IRRIGATED ACREAGE (FROM LINE 13)			<b>102,428.40</b>
38	AVERAGE VALUE PER IRRIGATED ACRE (LINE 36/LINE 37)			<b>\$765.40</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)		5,936.90	
44	TOTAL (ACRES FROM LINE 20)		136,102.30	

## CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2015 - OREGON

PART D - CROP PRODUCTION									
	LINE	CROPS IRRIGATED IN IRRIG. ROTATION	ACRES	UNIT	YIELD		VALUE OF CROPS (\$)		
	CODE				PER ACRE	TOTAL	PER UNIT	PER ACRE	TOTAL
C E R E A L S	50	BARLEY (malt)	1,010.00	BU.	104.17	105,208.33	5.04	525.00	530,250.00
	51	BARLEY (feed)	9,846.80	BU.	104.17	1,025,708.33	3.96	412.50	4,061,805.00
	52	CORN	0.00	BU.	0.00	0.00	0.00	0.00	0.00
	53	OATS	1,211.40	BU.	156.25	189,281.25	2.80	437.50	529,987.50
	57	WHEAT	7,186.40	BU.	99.33	713,849.07	4.73	469.65	3,375,078.39
	58	OTHER CEREALS	424.90	BU.	50.00	21,245.00	4.50	225.00	95,602.50
	59	<b>TOTAL CEREALS</b>	<b>19,679.50</b>						<b>8,592,723.39</b>
F O R A G E	61	ALFALFA HAY	33,125.70	TON	5.50	182,191.35	200.00	1,100.00	36,438,270.00
	62	OTHER HAY	14,293.70	TON	3.50	50,027.95	190.00	665.00	9,505,310.50
	63	IRRIGATED PASTURE	26,745.40	AUM	5.00	133,727.00	28.50	142.50	3,811,219.50
	65	SILAGE OR ENSILAGE	1,670.00	TON	17.00	28,390.00	80.00	1,360.00	2,271,200.00
	70	OTHER FORAGE (Peas)	0.00	TON	5.50	0.00		250.00	0.00
	71	<b>TOTAL FORAGE</b>	<b>75,834.80</b>						<b>52,026,000.00</b>
O T H E R	81	BEANS, DRY & EDIBLE	0.00	CWT					
	87	PEPPERMINT	40.00	LBS	85.00	3,400.00	25.00	2,125.00	85,000.00
	89	SUGAR BEETS		TON					
	91	OTHER MISC. FIELD CROPS (Specify)	8.00	TON		0.00		0.00	0.00
	92	<b>TOTAL MISCELLANEOUS FIELD CROPS</b>	<b>48.00</b>						<b>85,000.00</b>

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	148.00	CWT	404.00	59,792.00	7.35	2,969.40	439,471.20
	119	PEAS, GREEN (PROCESSING)		TON	0.00	0.00		0.00	0.00
	122	POTATOES, CHIP	2,763.00	CWT	450.00	1,243,350.00	9.00	4,050.00	11,190,150.00
	123	POTATOES, FRESH	1,462.00	CWT	500.00	731,000.00	7.00	3,500.00	5,117,000.00
	127	OTHER VEGETABLES (Garlic)	111.10	CWT	150.00	16,665.00	29.00	4,350.00	483,285.00
	128	<b>TOTAL VEGETABLES</b>	<b>4,484.10</b>						<b>17,229,906.20</b>
N U R S E R Y	137	STRAWBERRY ROOTSTALK	520.00	PLNT	300,000.00	156,000,000.00		0.00	0.00
	138	TURF	15.00	FT <sup>2</sup>	35,000.00	525,000.00	0.15	5,250.00	78,750.00
		<b>TOTAL NURSERY</b>	<b>535.00</b>						<b>78,750.00</b>
S E E D S	147	PEA SEED		CWT					
	148	POTATO SEED	65.00	CWT	350.00	22,750.00	17.00	5,950.00	386,750.00
	149	SUGAR BEET SEED		CWT					
	150	OTHER SEED (Specify)		CWT					
	151	<b>TOTAL SEED</b>	<b>65.00</b>						<b>386,750.00</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	4.00			0.00		0.00	0.00
		<b>TOTAL FRUITS</b>	<b>6.00</b>						<b>0.00</b>
	192	<b>TOTAL ALL CROPS</b>	<b>100,652.40</b>						<b>78,399,129.59</b>
	193	LESS MULTIPLE CROPPED	0.00						
	194	<b>TOTAL HARVESTED CROPLAND AND PASTURE</b>	<b>100,652.40</b>						<b>78,399,129.59</b>

## CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2015

	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)	56,750.07		56,750.07
12	CROPLAND NOT HARVESTED & SOIL BUILDING	1,269.08		1,269.08
13	ACRES IRRIGATED (LINES 11 +12)	58,019.15		58,019.15
14	FALLOW OR IDLE	9,256.17		9,256.17
15	TOTAL AREA IN IRRIGATION ROTATION (CULTIVATION) (LINES 13+14)	67,275.32		67,275.32
	<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)	1,054.00		1,054.00
20	TOTAL IRRIGABLE AREA FOR SERVICE (LINES 15+18+19)	68,329.32		68,329.32
21	TOTAL IRRIGABLE LAND NOT FOR SERVICE			0.00
22	TOTAL IRRIGABLE AREA (LINES 20+21)	68,329.32		68,329.32
23	CLASS 6 - TEMPORARILY IRRIGATED			
	<b>PART B - CROP VALUE SUMMARY</b>			
31	GROSS CROP VALUE (FROM LINE 194)			\$83,478,089.59
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)			\$83,478,089.59
37	TOTAL IRRIGATED ACREAGE (FROM LINE 13)			58,019.15
38	AVERAGE VALUE PER IRRIGATED ACRE (LINE 36/LINE 37)			\$1,438.80
	<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)		1,054.00	
44	TOTAL (ACRES FROM LINE 20)		68,329.32	

## CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2015 - CALIFORNIA

PART D - CROP PRODUCTION									
	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)	3925.0	BU.	104.17	408,854.17	5.040	525.00	2,060,625.00
	51	BARLEY (feed)	2510.6	BU.	104.17	261,515.90	3.960	412.50	1,035,602.98
	52	CORN	0.0	BU.	0.00	0.00	0.000	0.00	0.00
	53	OATS	84.0	BU.	156.25	13,125.00	2.800	437.50	36,750.00
	57	WHEAT	11457.2	BU.	99.33	1,138,083.11	4.728	469.65	5,380,856.97
	58	OTHER CEREALS	85.4	BU.	50.00	4,268.50	4.500	225.00	19,208.25
		<b>TOTAL CEREALS</b>	<b>18062.1</b>						<b>8,533,043.19</b>
F O R A G E	61	ALFALFA HAY	21090.4	TON	6.50	137,087.60	200.00	1,300.00	27,417,520.00
	62	OTHER HAY	3373.7	TON	5.00	16,868.50	190.00	950.00	3,205,015.00
	63	IRRIGATED PASTURE	1276.0	AUM	5.00	6,380.00	28.50	142.50	181,830.00
	65	SILAGE OR ENSILAGE (CORN)	0.0	TON		0.00		0.00	0.00
	70	OTHER FORAGE (SPECIFY)		TON		0.00		0.00	0.00
		<b>TOTAL FORAGE</b>	<b>25740.1</b>						<b>30,804,365.00</b>
O T H E R	87	PEPPERMINT	2381.0	LBS	85.00	202,385.00	25.00	2,125.00	5,059,625.00
	91	HORSERADISH	408.0	TON	2.50	1,020.00	500.00	1,250.00	510,000.00
	92	CANOLA		LBS		0.00		0.00	0.00
		<b>TOTAL MISCELLANEOUS FIELD CROPS</b>	<b>2789.0</b>						<b>5,569,625.00</b>

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	2375.9	CWT	404.00	959,877.06	7.35	2,969.40	7,055,096.40
	119	PEAS, GREEN (PROCESSING)	0.0	TON	0.00	0.00	0.00	0.00	0.00
	122	POTATOES, CHIP	3773.0	CWT	450.00	1,697,850.00	9.00	4,050.00	15,280,650.00
	123	POTATOES, FRESH	3821.1	CWT	500.00	1,910,550.00	7.00	3,500.00	13,373,850.00
	124	SQUASH	0.0	TON		0.00		0.00	0.00
	127	OTHER VEGETABLES (Garlic)	27.0	CWT	150.00	4,050.00	29.00	4,350.00	117,450.00
		<b>TOTAL VEGETABLES</b>	<b>9997.0</b>						<b>35,827,046.40</b>
N U R S E R	137	STRAWBERRY ROOTSTALK	94.0	PLNT	300,000.00	28,200,000.00	0.083	24,900.00	2,340,600.00
	138	TURF	0.0	FT <sup>2</sup>	0.00	0.00	0.30	0.00	0.00
		<b>TOTAL NURSERY</b>	<b>94.0</b>						<b>2,340,600.00</b>
S E E D	147	PEA SEED		CWT	0.00	0.00	0.00	0.00	0.00
	148	POTATO SEED	67.8	CWT	350.00	23,730.00	17.00	5,950.00	403,410.00
	150	OTHER SEED (Sunflower)		LBS	400.00	0.00	1.25	500.00	0.00
		<b>TOTAL SEED</b>	<b>67.8</b>						<b>403,410.00</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	<b>TOTAL ALL CROPS</b>	<b>56750.1</b>						<b>83,478,089.59</b>
	193	LESS MULTIPLE CROPPED							
	194	<b>TOTAL HARVESTED CROPLAND AND PASTURE</b>	<b>56750.1</b>						<b>83,478,089.59</b>