



# 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

JAN 27 2014

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

Subject: 2013 Crop Report, Klamath Project, Oregon-California

Enclosed are the completed Crop Production forms for the 2013 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>2013</b>	<b>2012</b>	<b>Change</b>	<b>% Change</b>
*WATER RENTAL	1,154	1,782	-628	-35%
IDLED LANDS	9,265	5,483	3,783	69%
ROW CROP (Potatoes & Onions)	15,925	17,896	-1,971	-11%
HAY	74,752	75,874	-1,121	-1%
GRAIN	52,895	53,038	-143	0%
PASTURE	38,046	42,731	-4,685	-11%
GROSS CROP VALUE - OR	\$124,492,767	\$118,061,444	\$6,431,323	5%
GROSS CROP VALUE - CA	\$99,674,867	\$94,780,400	\$4,894,468	5%
<b>TOTAL GROSS CROP VALUE</b>	<b>\$224,167,634</b>	<b>\$212,841,844</b>	<b>\$11,325,790</b>	<b>5%</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: A mild winter created surface water supply concerns, although supplies were firmed up by the Water Users Mitigation Program (WUMP). Due to favorable weather and full Project irrigation deliveries, overall yields were average or above. Most crop values remained high, except for conventional fresh potatoes and rain damaged hay. Surpassing even 2012's record value, a combination of good crop yields and overall high prices resulted in the highest total gross value on record. The WUMP contributed approximately 65 TAF of groundwater and 10 TAF from land idling at a flat rate cost of \$250/AF.

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,



Don Bader  
Acting Area Manager

Enclosures

Identical Letter Sent To:

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

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

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

Klamath County Assessor  
305 Main Street  
Klamath Falls, OR 97601

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

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

## CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2013

	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)	120,607.00		120,607.00
12	CROPLAND NOT HARVESTED & SOIL BUILDING	401.90		401.90
13	ACRES IRRIGATED (LINES 11 +12)	121,008.90		121,008.90
14	FALLOW OR IDLE	8,849.40		8,849.40
15	TOTAL AREA IN IRRIGATION ROTATION (CULTIVATION) (LINES 13+14)	129,858.30		129,858.30
	<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)	10,452.52		10,452.52
20	TOTAL IRRIGABLE AREA FOR SERVICE (LINES 15+18+19)	140,310.82		140,310.82
21	TOTAL IRRIGABLE LAND NOT FOR SERVICE	0.00		0.00
22	TOTAL IRRIGABLE AREA (LINES 20+21)	140,310.82		140,310.82
23	CLASS 6 - TEMPORARILY IRRIGATED			
	<b>PART B - CROP VALUE SUMMARY</b>			
31	GROSS CROP VALUE (FROM LINE 194)			\$124,492,766.74
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>\$124,492,766.74</b>
37	TOTAL IRRIGATED ACREAGE (FROM LINE 13)			<b>121,008.90</b>
38	AVERAGE VALUE PER IRRIGATED ACRE (LINE 36/LINE 37)			<b>\$1,028.79</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)		10,452.52	
44	TOTAL (ACRES FROM LINE 20)		140,310.82	

## CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2013 - OREGON

### PART D - CROP PRODUCTION

	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)	4,543.30	BU.	110.00	499,763.00	5.88	646.80	2,938,606.44
	51	BARLEY (feed)	8,387.60	BU.	110.00	922,636.00	5.88	646.80	5,425,099.68
	52	CORN	0.00	BU.		0.00		0.00	0.00
	53	OATS	2,076.10	BU.	153.00	317,643.30	3.76	575.28	1,194,338.81
	57	WHEAT	9,569.33	BU.	105.00	1,004,779.65	7.80	819.00	7,837,281.27
	58	OTHER CEREALS	422.00	BU.	52.00	21,944.00	6.16	320.32	135,175.04
	59	<b>TOTAL CEREALS</b>	<b>24,998.33</b>						<b>17,530,501.24</b>
F O R A G E	61	ALFALFA HAY	38,718.62	TON	5.00	193,593.10	240.00	1,200.00	46,462,344.00
	62	OTHER HAY	14,443.65	TON	3.50	50,552.78	190.00	665.00	9,605,027.25
	63	IRRIGATED PASTURE	35,853.30	AUM	5.00	179,266.50	28.50	142.50	5,109,095.25
	65	SILAGE OR ENSILAGE	0.00	TON	17.00	0.00	80.00	1,360.00	0.00
	70	OTHER FORAGE (Peas)	25.00	TON	5.50	137.50		250.00	6,250.00
	71	<b>TOTAL FORAGE</b>	<b>89,040.57</b>						<b>61,182,716.50</b>
O T H E R	81	BEANS, DRY & EDIBLE	4.00	CWT					
	87	PEPPERMINT	23.00	LBS	83.00	1,909.00	26.50	2,199.50	50,588.50
	89	SUGAR BEETS		TON					
	91	OTHER MISC. FIELD CROPS (Specify)	0.00	TON		0.00		0.00	0.00
	92	<b>TOTAL MISCELLANEOUS FIELD CROPS</b>	<b>27.00</b>						<b>50,588.50</b>

V E G E T A B L E S	110	SWEET CORN	10.00	CWT					
	117	CARROTS		CWT		0.00		0.00	0.00
	105	CABBAGE		CWT		0.00		0.00	0.00
	118	ONIONS	0.00	CWT	400.00	0.00	6.15	2,460.00	0.00
	119	PEAS, GREEN (PROCESSING)		TON		0.00		0.00	0.00
	122	POTATOES, CHIP	2,341.30	CWT	390.00	913,107.00	10.50	4,095.00	9,587,623.50
	123	POTATOES, FRESH	2,881.00	CWT	390.00	1,123,590.00	9.50	3,705.00	10,674,105.00
	127	OTHER VEGETABLES (Garlic)	72.80	CWT	140.00	10,192.00	21.00	2,940.00	214,032.00
	128	<b>TOTAL VEGETABLES</b>	<b>5,305.10</b>						<b>20,475,760.50</b>
N U R S E R Y	137	STRAWBERRY ROOTSTALK	952.00	PLNT	300,000.00	285,600,000.00	0.08	24,900.00	23,704,800.00
	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>967.00</b>						<b>23,783,550.00</b>
S E E D S	147	PEA SEED		CWT					
	148	POTATO SEED	247.00	CWT	350.00	86,450.00	17.00	5,950.00	1,469,650.00
	149	SUGAR BEET SEED		CWT					
	150	OTHER SEED (Specify)		CWT					
	151	<b>TOTAL SEED</b>	<b>247.00</b>						<b>1,469,650.00</b>
F R U I T S	161	APPLES	2.00			0.00		0.00	0.00
	163	BERRIES, EXCEPT STRAWBERRIES	20.00			0.00		0.00	0.00
	175	OTHER FRUITS (Specify)				0.00		0.00	0.00
	177	WINE GRAPES				0.00		0.00	0.00
		<b>TOTAL FRUITS</b>	<b>22.00</b>						<b>0.00</b>
	192	<b>TOTAL ALL CROPS</b>	<b>120,607.00</b>						<b>124,492,766.74</b>
	193	LESS MULTIPLE CROPPED	0.00						
	194	<b>TOTAL HARVESTED CROPLAND AND PASTURE</b>	<b>120,607.00</b>						<b>124,492,766.74</b>

## CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2013

	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)	65,311.80		65,311.80
12	CROPLAND NOT HARVESTED & SOIL BUILDING	1,601.10		1,601.10
13	ACRES IRRIGATED (LINES 11 +12)	66,912.90		66,912.90
14	FALLOW OR IDLE	416.00		416.00
15	TOTAL AREA IN IRRIGATION ROTATION (CULTIVATION) (LINES 13+14)	67,328.90		67,328.90
	<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)	1,179.10		1,179.10
20	TOTAL IRRIGABLE AREA FOR SERVICE (LINES 15+18+19)	68,508.00		68,508.00
21	TOTAL IRRIGABLE LAND NOT FOR SERVICE			0.00
22	TOTAL IRRIGABLE AREA (LINES 20+21)	68,508.00		68,508.00
23	CLASS 6 - TEMPORARILY IRRIGATED			
	<b>PART B - CROP VALUE SUMMARY</b>			
31	GROSS CROP VALUE (FROM LINE 194)			\$99,674,867.45
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>\$99,674,867.45</b>
37	TOTAL IRRIGATED ACREAGE (FROM LINE 13)			<b>66,912.90</b>
38	AVERAGE VALUE PER IRRIGATED ACRE (LINE 36/LINE 37)			<b>\$1,489.62</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)		1,179.10	
44	TOTAL (ACRES FROM LINE 20)		68,508.00	

## CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2013 - 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)	6893.0	BU.	120.83	832,904.17	5.640	681.50	4,697,579.50
	51	BARLEY (feed)	3957.0	BU.	120.83	478,137.50	5.040	609.00	2,409,813.00
	52	CORN	0.0	BU.	0.00	0.00	0.000	0.00	0.00
	53	OATS	87.0	BU.	140.63	12,234.38	3.600	506.25	44,043.75
	57	WHEAT	16886.4	BU.	109.50	1,849,060.80	6.852	750.29	12,669,764.60
	58	OTHER CEREALS	73.4	BU.	47.22	3,466.11	5.400	255.00	18,717.00
		<b>TOTAL CEREALS</b>	<b>27896.8</b>						<b>19,839,917.85</b>
F O R A G E	61	ALFALFA HAY	17847.4	TON	6.30	112,438.62	205.00	1,291.50	23,049,917.10
	62	OTHER HAY	3742.8	TON	5.33	19,949.12	250.00	1,332.50	4,987,281.00
	63	IRRIGATED PASTURE	2193.0	AUM	5.00	10,965.00	28.50	142.50	312,502.50
	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>23783.2</b>						<b>28,349,700.60</b>
O T H E R	87	PEPPERMINT	2307.0	LBS	83.00	191,481.00	26.50	2,199.50	5,074,246.50
	91	HORSERADISH	459.0	TON	2.50	1,147.50	500.00	1,250.00	573,750.00
	92	CANOLA		LBS		0.00		0.00	0.00
		<b>TOTAL MISCELLANEOUS FIELD CROPS</b>	<b>2766.0</b>						<b>5,647,996.50</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	3083.2	CWT	500.00	1,541,600.00	6.85	3,425.00	10,559,960.00
	119	PEAS, GREEN (PROCESSING)	0.0	TON	0.00	0.00	0.00	0.00	0.00
	122	POTATOES, CHIP	2908.7	CWT	450.00	1,308,915.00	10.50	4,725.00	13,743,607.50
	123	POTATOES, FRESH	4396.2	CWT	500.00	2,198,100.00	9.50	4,750.00	20,881,950.00
	124	SQUASH	0.0	TON		0.00		0.00	0.00
	127	OTHER VEGETABLES (Garlic)	18.0	CWT	140.00	2,520.00	21.00	2,940.00	52,920.00
		<b>TOTAL VEGETABLES</b>	<b>10406.1</b>						<b>45,238,437.50</b>
N U R S E R Y	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		CWT	0.00	0.00	0.00	0.00	0.00
	148	POTATO SEED	67.7	CWT	350.00	23,695.00	17.00	5,950.00	402,815.00
	150	OTHER SEED (Sunflower)	392.0	LBS	400.00	156,800.00	1.25	500.00	196,000.00
		<b>TOTAL SEED</b>	<b>459.7</b>						<b>598,815.00</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>65311.8</b>						<b>99,674,867.45</b>
	193	LESS MULTIPLE CROPPED							
	194	<b>TOTAL HARVESTED CROPLAND AND PASTURE</b>	<b>65311.8</b>						<b>99,674,867.45</b>