



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: 2014 Crop Report, Klamath Project, Oregon-California

Enclosed are the completed Crop Production forms for the 2014 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.

Table 1. CROP STATISTICS (acres)	2014	2013	Change	% Change
*WATER RENTAL	807	1,154	-347	-30%
IDLED LANDS	26,144	9,265	16,879	182%
ROW CROP (Potatoes & Onions)	6,829	15,925	-9,096	-57%
HAY	70,596	74,752	-4,156	-6%
GRAIN	42,482	52,895	-10,413	-20%
PASTURE	33,824	38,046	-4,223	-11%
GROSS CROP VALUE - OR	\$93,735,820.86	\$124,492,767	-\$30,756,946	-25%
GROSS CROP VALUE - CA	\$96,596,571.13	\$99,674,867	-\$3,078,296	-3%
TOTAL GROSS CROP VALUE	\$190,332,391.99	\$224,167,634	-\$33,835,242	-15%

* 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 significantly by the Water Users Mitigation Program (WUMP). Due to favorable weather, overall yields were average or above. The WUMP contributed approximately 83 TAF of groundwater and 21,100 acres from land idling at a flat rate cost of \$292/AF (westside) and \$228 (eastside).

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

Sincerely,



James Gale
Chief, Engineering Division

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 (JRoberts)
(w/encl)

CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2014

	PROJECT AND SUBDIVISION: KLAMATH	STATE: OREGON		
LINE CODE	PART A - ACREAGE SUMMARY			
(10-12)	LANDS IN IRRIGATION ROTATION (ACRES)	CLASS 1-4	CLASS 5	TOTAL
		13-21	(22-30)	
11	HARVESTED CROPLAND & PASTURE (FROM LINE 194)	108,165.43		108,165.43
12	CROPLAND NOT HARVESTED & SOIL BUILDING	1,466.00		1,466.00
13	ACRES IRRIGATED (LINES 11 +12)	109,631.43		109,631.43
14	FALLOW OR IDLE	20,507.10		20,507.10
15	TOTAL AREA IN IRRIGATION ROTATION (CULTIVATION) (LINES 13+14)	130,138.53		130,138.53
	LANDS NOT IN IRRIGATION ROTATION (ACRES)			
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)	8,360.50		8,360.50
20	TOTAL IRRIGABLE AREA FOR SERVICE (LINES 15+18+19)	138,499.03		138,499.03
21	TOTAL IRRIGABLE LAND NOT FOR SERVICE	0.00		0.00
22	TOTAL IRRIGABLE AREA (LINES 20+21)	138,499.03		138,499.03
23	CLASS 6 - TEMPORARILY IRRIGATED			
	PART B - CROP VALUE SUMMARY			
31	GROSS CROP VALUE (FROM LINE 194)			\$93,735,820.86
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)			\$93,735,820.86
37	TOTAL IRRIGATED ACREAGE (FROM LINE 13)			109,631.43
38	AVERAGE VALUE PER IRRIGATED ACRE (LINE 36/LINE 37)			\$855.01
	PART C - NUMBER OF FARMS AND POPULATION			
		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)		8,360.50	
44	TOTAL (ACRES FROM LINE 20)		138,499.03	

CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2014 - 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)	3,690.20	BU.	118.75	438,211.25	5.04	598.50	2,208,584.70
	51	BARLEY (feed)	7,993.70	BU.	118.75	949,251.88	4.32	513.00	4,100,768.10
	52	CORN	0.00	BU.	0.00	0.00	0.00	0.00	0.00
	53	OATS	1,369.30	BU.	140.63	192,564.66	3.52	495.02	677,827.60
	57	WHEAT	7,881.70	BU.	96.67	761,923.94	6.50	628.16	4,950,981.76
	58	OTHER CEREALS	390.30	BU.	41.67	16,262.50	6.30	262.50	102,453.75
	59	TOTAL CEREALS	21,325.20						12,040,615.91
F O R A G E	61	ALFALFA HAY	36,241.30	TON	5.50	199,327.15	240.00	1,320.00	47,838,516.00
	62	OTHER HAY	11,828.83	TON	3.50	41,400.91	190.00	665.00	7,866,171.95
	63	IRRIGATED PASTURE	31,637.80	AUM	5.00	158,189.00	28.50	142.50	4,508,386.50
	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)	300.00	TON	5.50	1,650.00		250.00	75,000.00
	71	TOTAL FORAGE	81,677.93						62,559,274.45
O T H E R	81	BEANS, DRY & EDIBLE		CWT					
	87	PEPPERMINT	50.00	LBS	85.00	4,250.00	27.00	2,295.00	114,750.00
	89	SUGAR BEETS		TON					
	91	OTHER MISC. FIELD CROPS (Specify)	8.00	TON		0.00		0.00	0.00
	92	TOTAL MISCELLANEOUS FIELD CROPS	58.00						114,750.00

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	106.00	CWT	475.00	50,350.00	7.35	3,491.25	370,072.50
	119	PEAS, GREEN (PROCESSING)		TON	0.00	0.00		0.00	0.00
	122	POTATOES, CHIP	2,319.30	CWT	450.00	1,043,685.00	10.50	4,725.00	10,958,692.50
	123	POTATOES, FRESH	1,965.00	CWT	485.00	953,025.00	7.42	3,598.70	7,071,445.50
	127	OTHER VEGETABLES (Garlic)	63.00	CWT	140.00	8,820.00	21.00	2,940.00	185,220.00
	128	TOTAL VEGETABLES	4,453.30						18,585,430.50
N U R S E R Y	137	STRAWBERRY ROOTSTALK	570.00	PLNT	300,000.00	171,000,000.00		0.00	0.00
	138	TURF	15.00	FT ²	35,000.00	525,000.00	0.15	5,250.00	78,750.00
		TOTAL NURSERY	585.00						78,750.00
S E E D S	147	PEA SEED		CWT					
	148	POTATO SEED	60.00	CWT	350.00	21,000.00	17.00	5,950.00	357,000.00
	149	SUGAR BEET SEED		CWT					
	150	OTHER SEED (Specify)		CWT					
	151	TOTAL SEED	60.00						357,000.00
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	0.00
	175	OTHER FRUITS (Specify)				0.00		0.00	0.00
	177	WINE GRAPES	4.00			0.00		0.00	0.00
		TOTAL FRUITS	6.00						0.00
	192	TOTAL ALL CROPS	108,165.43						93,735,820.86
	193	LESS MULTIPLE CROPPED	0.00						
	194	TOTAL HARVESTED CROPLAND AND PASTURE	108,165.43						93,735,820.86

CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2014

	PROJECT AND SUBDIVISION: KLAMATH	STATE: CALIFORNIA		
LINE CODE	PART A - ACREAGE SUMMARY			
(10-12)	LANDS IN IRRIGATION ROTATION (ACRES)	CLASS 1-4	CLASS 5	TOTAL
		13-21	(22-30)	
11	HARVESTED CROPLAND & PASTURE (FROM LINE 194)	59,815.00		59,815.00
12	CROPLAND NOT HARVESTED & SOIL BUILDING	1,494.00		1,494.00
13	ACRES IRRIGATED (LINES 11 +12)	61,309.00		61,309.00
14	FALLOW OR IDLE	5,637.00		5,637.00
15	TOTAL AREA IN IRRIGATION ROTATION (CULTIVATION) (LINES 13+14)	66,946.00		66,946.00
	LANDS NOT IN IRRIGATION ROTATION (ACRES)			
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)	1,061.00		1,061.00
20	TOTAL IRRIGABLE AREA FOR SERVICE (LINES 15+18+19)	68,007.00		68,007.00
21	TOTAL IRRIGABLE LAND NOT FOR SERVICE			0.00
22	TOTAL IRRIGABLE AREA (LINES 20+21)	68,007.00		68,007.00
23	CLASS 6 - TEMPORARILY IRRIGATED			
	PART B - CROP VALUE SUMMARY			
31	GROSS CROP VALUE (FROM LINE 194)			\$96,596,571.13
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)			\$96,596,571.13
37	TOTAL IRRIGATED ACREAGE (FROM LINE 13)			61,309.00
38	AVERAGE VALUE PER IRRIGATED ACRE (LINE 36/LINE 37)			\$1,575.57
	PART C - NUMBER OF FARMS AND POPULATION			
		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)		1,061.00	
44	TOTAL (ACRES FROM LINE 20)		68,007.00	

CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2014 - CALIFORNIA

PART D - CROP PRODUCTION									
	LINE	CROPS IRRIGATED IN IRR. 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/brew)	4050.0	BU.	118.75	480,937.50	5.040	598.50	2,423,925.00
	51	BARLEY (feed)	4000.0	BU.	118.75	475,000.00	4.320	513.00	2,052,000.00
	52	CORN	0.0	BU.	0.00	0.00	0.000	0.00	0.00
	53	OATS	0.0	BU.	140.63	0.00	3.520	495.00	0.00
	57	WHEAT	13107.0	BU.	96.67	1,267,010.00	6.498	628.14	8,233,030.98
	58	OTHER CEREALS	0.0	BU.	41.67	0.00	6.300	262.50	0.00
		TOTAL CEREALS	21157.0						12,708,955.98
F O R A G E	61	ALFALFA HAY	18749.0	TON	6.50	121,868.50	240.00	1,560.00	29,248,440.00
	62	OTHER HAY	3777.0	TON	5.00	18,885.00	225.00	1,125.00	4,249,125.00
	63	IRRIGATED PASTURE	2186.0	AUM	5.00	10,930.00	28.50	142.50	311,505.00
	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
		TOTAL FORAGE	24712.0						33,809,070.00
O T H E R	87	PEPPERMINT	2424.0	LBS	85.00	206,040.00	27.00	2,295.00	5,563,080.00
	91	HORSERADISH	430.0	TON	2.50	1,075.00	500.00	1,250.00	537,500.00
	92	CANOLA		LBS		0.00		0.00	0.00
		TOTAL MISCELLANEOUS FIELD CROPS	2854.0						6,100,580.00

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	2843.0	CWT	475.00	1,350,425.00	7.35	3,491.25	9,925,623.75
	119	PEAS, GREEN (PROCESSING)	0.0	TON	0.00	0.00	0.00	0.00	0.00
	122	POTATOES, CHIP	3877.0	CWT	450.00	1,744,650.00	10.50	4,725.00	18,318,825.00
	123	POTATOES, FRESH	4372.0	CWT	485.00	2,120,420.00	7.42	3,598.70	15,733,516.40
	124	SQUASH	0.0	TON		0.00		0.00	0.00
	127	OTHER VEGETABLES (Garlic)	0.0	CWT	0.00	0.00	21.00	0.00	0.00
		TOTAL VEGETABLES	11092.0						43,977,965.15
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 ²	0.00	0.00	0.30	0.00	0.00
		TOTAL NURSERY	0.0						0.00
S E E D	147	PEA SEED		CWT	0.00	0.00	0.00	0.00	0.00
	148	POTATO SEED	0.0	CWT	350.00	0.00	17.00	5,950.00	0.00
	150	OTHER SEED (Sunflower)	#REF!	LBS	400.00		1.25	500.00	
		TOTAL SEED	#REF!						0.00
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
		TOTAL FRUITS							0.00
	192	TOTAL ALL CROPS	#REF!						96,596,571.13
	193	LESS MULTIPLE CROPPED							
	194	TOTAL HARVESTED CROPLAND AND PASTURE	#REF!						96,596,571.13