



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 26 2013

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

Subject: 2012 Crop Report, Klamath Project, Oregon-California

Enclosed are the completed Crop Production forms for the 2012 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 2012.

Table 1. CROP STATISTICS (acres)	2012	2011	Change	% Change
*WATER RENTAL	1,782	2,300	-518	-23%
IDLED LAND	5,483	4,846	637	13%
ROW CROP (Potatoes & Onions)	17,896	16,938	958	6%
HAY	75,874	72,690	3,184	4%
GRAIN	53,038	55,142	-2,104	-4%
PASTURE	42,731	43,541	-810	-2%
GROSS CROP VALUE-OR	\$118,061,444	\$105,905,008	\$12,156,436	11%
GROSS CROP VALUE-CA	\$94,780,400	\$97,942,234	-\$3,161,834	-3%
TOTAL GROSS CROP VALUE	\$212,841,844	\$203,847,242	\$8,994,602	4%
* 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 dry winter initially created water supply concerns, but late spring rains eventually firmed up irrigation water supplies. A cool spring reduced first cutting alfalfa yields, but overall crop yields remained near average due to full Project irrigation deliveries, favorable summer temperatures, and dry fall harvest conditions. Surpassing even 2011's record value, a combination of good crop yields and high prices resulted in the highest total gross value on record. Thirty-one thousand acre-feet of groundwater pumping were contracted in 2012.

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

Sincerely,



Terri Reaves Gilmore
Acting Area Manager

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)

KO-400 (MGreen)
(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 2012

	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)	129,192.30		129,192.30
12	CROPLAND NOT HARVESTED & SOIL BUILDING	748.00		748.00
13	ACRES IRRIGATED (LINES 11 +12)	129,940.30		129,940.30
14	FALLOW OR IDLE	4,371.70		4,371.70
15	TOTAL AREA IN IRRIGATION ROTATION (CULTIVATION) (LINES 13+14)	134,312.00		134,312.00
	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)	4,367.11		4,367.11
20	TOTAL IRRIGABLE AREA FOR SERVICE (LINES 15+18+19)	138,679.11		138,679.11
21	TOTAL IRRIGABLE LAND NOT FOR SERVICE	0.00		0.00
22	TOTAL IRRIGABLE AREA (LINES 20+21)	138,679.11		138,679.11
23	CLASS 6 - TEMPORARILY IRRIGATED			
	PART B - CROP VALUE SUMMARY			
31	GROSS CROP VALUE (FROM LINE 194)			\$118,061,444.08
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)			\$118,061,444.08
37	TOTAL IRRIGATED ACREAGE (FROM LINE 13)			129,940.30
38	AVERAGE VALUE PER IRRIGATED ACRE (LINE 36/LINE 37)			\$908.58
	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)		4,367.11	
44	TOTAL (ACRES FROM LINE 20)		138,679.11	

CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2012 - 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
CEREALS	50	BARLEY (malt)	1,501.40	BU.	96.00	144,134.40	5.88	564.48	847,510.27
	51	BARLEY (feed)	8,983.40	BU.	96.00	862,406.40	5.88	564.48	5,070,949.63
	52	CORN	0.00	BU.		0.00		0.00	0.00
	53	OATS	2,436.10	BU.	153.00	372,723.30	3.76	575.28	1,401,439.61
	57	WHEAT	12,494.10	BU.	105.00	1,311,880.50	7.80	819.00	10,232,667.90
	58	OTHER CEREALS	561.80	BU.	52.00	29,213.60	6.16	320.32	179,955.78
	59	TOTAL CEREALS	25,976.80						17,732,523.19
FORAGE	61	ALFALFA HAY	39,925.26	TON	4.80	191,641.25	240.00	1,152.00	45,993,899.52
	62	OTHER HAY	14,361.03	TON	3.50	50,263.61	190.00	665.00	9,550,084.95
	63	IRRIGATED PASTURE	40,761.21	AUM	5.00	203,806.05	28.50	142.50	5,808,472.43
	65	SILAGE OR ENSILAGE	0.00	TON	17.00	0.00	80.00	1,360.00	0.00
	70	OTHER FORAGE (SPECIFY)		TON		0.00		0.00	0.00
	71	TOTAL FORAGE	95,047.50						61,352,456.90
OTHER	81	BEANS, DRY & EDIBLE		CWT					
	87	PEPPERMINT	0.00	LBS	85.00	0.00	26.00	2,210.00	0.00
	89	SUGAR BEETS		TON					
	91	OTHER MISC. FIELD CROPS (Safflower)	18.00	TON		0.00		0.00	0.00
	92	TOTAL MISCELLANEOUS FIELD CROPS	18.00						0.00

V E G E T A B L E S	101	BROCCOLI		CWT					
	117	CARROTS		CWT		0.00		0.00	0.00
	105	CABBAGE		CWT		0.00		0.00	0.00
	118	ONIONS	257.00	CWT	400.00	102,800.00	6.15	2,460.00	632,220.00
	119	PEAS, GREEN (PROCESSING)		TON		0.00		0.00	0.00
	122	POTATOES, CHIP	917.00	CWT	370.00	339,290.00	7.10	2,627.00	2,408,959.00
	123	POTATOES, FRESH	6,075.00	CWT	370.00	2,247,750.00	7.10	2,627.00	15,959,025.00
	127	OTHER VEGETABLES (Garlic)	30.00	TON	5.00	150.00	800.00	4,000.00	120,000.00
	128	TOTAL VEGETABLES	7,279.00						19,120,204.00
N U R S E R Y	137	STRAWBERRY ROOTSTALK	789.00	PLNT	300,000.00	236,700,000.00	0.08	24,900.00	19,646,100.00
	138	TURF	0.00	FT ²	43,560.00	0.00	0.30	13,068.00	0.00
		TOTAL NURSERY	789.00						19,646,100.00
S E E D S	147	PEA SEED		CWT					
	148	POTATO SEED	80.00	CWT	370.00	29,600.00	7.10	2,627.00	210,160.00
	149	SUGAR BEET SEED		CWT.					
	150	OTHER SEED (Specify)		CWT					
	151	TOTAL SEED	80.00						210,160.00
F R U I T S	163	BERRIES (NOT STRAWBERRIES)	0.00	lbs		0.00		0.00	0.00
	177	GRAPES, WINE				0.00		0.00	0.00
	160	STRAWBERRIES		plts		0.00		0.00	0.00
	175	OTHER FRUITS (APPLES)	2.00			0.00		0.00	0.00
		TOTAL FRUITS	2.00						0.00
	192	TOTAL ALL CROPS	129,192.30						118,061,444.08
	193	LESS MULTIPLE CROPPED	0.00						
	194	TOTAL HARVESTED CROPLAND AND PASTURE	129,192.30						118,061,444.08

CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2012

	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)	64,369.60		64,369.60
12	CROPLAND NOT HARVESTED & SOIL BUILDING	1,682.38		1,682.38
13	ACRES IRRIGATED (LINES 11 +12)	66,051.98		66,051.98
14	FALLOW OR IDLE	1,111.15		1,111.15
15	TOTAL AREA IN IRRIGATION ROTATION (CULTIVATION) (LINES 13+14)	67,163.13		67,163.13
	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)	1,011.00		1,011.00
20	TOTAL IRRIGABLE AREA FOR SERVICE (LINES 15+18+19)	68,174.13		68,174.13
21	TOTAL IRRIGABLE LAND NOT FOR SERVICE			0.00
22	TOTAL IRRIGABLE AREA (LINES 20+21)	68,174.13		68,174.13
23	CLASS 6 - TEMPORARILY IRRIGATED			
	PART B - CROP VALUE SUMMARY			
31	GROSS CROP VALUE (FROM LINE 194)			\$94,780,399.85
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)			\$94,780,399.85
37	TOTAL IRRIGATED ACREAGE (FROM LINE 13)			66,051.98
38	AVERAGE VALUE PER IRRIGATED ACRE (LINE 36/LINE 37)			\$1,434.94
	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)		1,011.00	
44	TOTAL (ACRES FROM LINE 20)		68,174.13	

CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2012 - 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)	8928.4	BU.	104.17	930,040.63	6.000	625.00	5,580,243.75
	51	BARLEY (feed)	913.0	BU.	104.17	95,104.17	5.520	575.00	524,975.00
	52	CORN	0.0	BU.	0.00	0.00	0.000	0.00	0.00
	53	OATS	203.0	BU.	140.63	28,546.88	3.760	528.75	107,336.25
	57	WHEAT	16983.9	BU.	101.67	1,726,694.47	7.950	808.25	13,727,221.01
	58	OTHER CEREALS	33.4	BU.	111.11	3,707.78	3.960	440.00	14,682.80
		TOTAL CEREALS	27061.6						19,954,458.81
	F O R A G E	61	ALFALFA HAY	18472.5	TON	6.00	110,834.82	215.00	1,290.00
62		OTHER HAY	3115.1	TON	4.70	14,640.97	250.00	1,175.00	3,660,242.50
63		IRRIGATED PASTURE	1969.9	AUM	5.00	9,849.50	28.50	142.50	280,710.75
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	23557.5						27,770,439.55
O T H E R		87	PEPPERMINT	2656.0	LBS	88.00	233,728.00	26.50	2,332.00
	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
		TOTAL MISCELLANEOUS FIELD CROPS	3064.0						6,703,792.00

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	2310.5	CWT	520.00	1,201,475.60	7.15	3,718.00	8,590,550.54
	119	PEAS, GREEN (PROCESSING)	0.0	TON	0.00	0.00	0.00	0.00	0.00
	122	POTATOES, CHIP	4646.7	CWT	485.00	2,253,630.10	10.50	5,092.50	23,663,116.05
	123	POTATOES, FRESH	3542.6	CWT	450.00	1,594,170.00	3.50	1,575.00	5,579,595.00
	124	SQUASH	0.0	TON		0.00		0.00	0.00
	127	OTHER VEGETABLES (Specify)	25.0	CWT		0.00		0.00	0.00
		TOTAL VEGETABLES	10524.8						37,833,261.59
N U R S E R Y	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 ²	0.00	0.00	0.30	0.00	0.00
		TOTAL NURSERY	94.0						2,340,600.00
S E E D	147	PEA SEED		CWT	0.00	0.00	0.00	0.00	0.00
	148	POTATO SEED	67.7	CWT	370.00	25,049.00	7.10	2,627.00	177,847.90
	150	OTHER SEED (Specify)		CWT	0.00	0.00	0.00	0.00	0.00
		TOTAL SEED	67.7						177,847.90
F R U I T S	177	GRAPES, WINE			0.00	0.00	0.00	0.00	0.00
	175	OTHER FRUITS (Specify)			0.00	0.00	0.00	0.00	0.00
		TOTAL FRUITS							0.00
	192	TOTAL ALL CROPS	64369.6						94,780,399.85
	193	LESS MULTIPLE CROPPED							
	194	TOTAL HARVESTED CROPLAND AND PASTURE	64369.6						94,780,399.85