



# 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

**FEB 09 2012**

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

Subject: 2011 Crop Report, Klamath Project, Oregon-California

Enclosed are the completed Crop Production forms for the 2011 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 2011.

<b>Table 1. CROP STATISTICS (acres)</b>	<b>2011</b>	<b>**2010</b>	<b>Change</b>	<b>% Change</b>
*WATER RENTAL	2,300	1,253	1,047	84%
IDLED LANDS	4,846	35,803	-30,957	-86%
ROW CROP (Potato/Onion)	16,938	12,475	4,463	36%
HAY	72,690	66,568	6,122	9%
GRAIN	55,142	39,213	15,929	41%
PASTURE	43,541	40,033	3,508	9%
GROSS CROP VALUE-OR	\$105,905,008	\$60,214,835	\$45,690,173	76%
GROSS CROP VALUE-CA	\$97,942,234	\$63,178,976	\$34,763,258	55%
<b>TOTAL GROSS CROP VALUE</b>	<b>\$203,847,241</b>	<b>\$123,393,811</b>	<b>\$80,453,430</b>	<b>65%</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. ** Groundwater pumping supplemented approximately 101.2 thousand acre-feet for crop production.				

Crop Narrative: A cool, wet spring delayed planting, pushing harvest at least two weeks for potatoes. While the cool spring also reduced first cutting alfalfa yields, overall crop yields remained average or above due to full Klamath Project irrigation deliveries, favorable summer temperatures and fall harvest conditions. Values for all crops increased significantly over last year resulting in the highest total gross value on record. No groundwater pumping was contracted in 2011.

If you have any questions, please contact Mike Green at 541-880-2565.

Sincerely,

  
for Jason Phillips  
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  
2455 Patterson Street, Suite 3  
Klamath Falls, OR 97603  
(w/enclo to each)

KO-400 (MGreen)  
(w/encl)

WBR:MGreen:jchand:2/7/2011:541-883-6935:Crop Yield  
H:\Land Operations\CROPS\Crop Reports\Crop Memo\2011 Crop Memo.doc

# CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2011

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

# CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2011 - CALIFORNIA

## PART D - CROP PRODUCTION

	LINE CODE	CROPS IRRIGATED IN IRR. ROTATION	ACRES	UNIT	YIELD		VALUE OF CROPS	
					PER ACRE	TOTAL	PER UNIT	TOTAL
CEREALS	50	BARLEY (malt)	6642.9	BU.	125.00	830,362.50	5.520	4,583,601.00
	51	BARLEY (feed)	598.0	BU.	125.00	74,750.00	5.040	376,740.00
	52	CORN	0.0	BU.	0.00	0.00	0.000	0.00
	53	OATS	127.0	BU.	250.00	31,750.00	3.600	114,300.00
	57	WHEAT	20753.2	BU.	125.00	2,594,145.00	7.350	19,066,965.75
	58	OTHER CEREALS	96.9	BU.	97.22	9,417.92	3.600	33,904.50
		<b>TOTAL CEREALS</b>	<b>28217.9</b>					<b>24,175,511.25</b>
FORAGE	61	ALFALFA HAY	16725.4	TON	6.00	100,352.22	225.00	22,579,249.50
	62	OTHER HAY	3603.7	TON	5.50	19,820.35	240.00	4,756,884.00
	63	IRRIGATED PASTURE	1278.5	AUM	5.00	6,392.50	15.00	95,887.50
	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>21607.6</b>					<b>27,432,021.00</b>
OTHER	87	PEPPERMINT	2919.0	LBS	90.00	262,710.00	26.50	6,961,815.00
	91	HORSERADISH	358.0	TON	2.50	895.00	500.00	447,500.00
	92	CANOLA		LBS		0.00	0.00	0.00
		<b>TOTAL MISCELLANEOUS FIELD CROPS</b>	<b>3277.0</b>					<b>7,409,315.00</b>
VEGETABLES	101	BROCCOLI	0.0	CWT	0.00	0.00	0.00	0.00
	113	LETTUCE (ROMAINE)	0.0	LBS		0.00	0.00	0.00
	117	CARROTS	0.0	CWT	0.00	0.00	0.00	0.00
	118	ONIONS	1831.6	CWT	510.00	934,131.30	6.40	5,978,440.32
	119	PEAS, GREEN (PROCESSING)	0.0	TON	0.00	0.00	0.00	0.00
	122	POTATOES, CHIP	5814.2	CWT	450.00	2,616,408.00	8.25	21,585,366.00
	123	POTATOES, FRESH	2218.0	CWT	460.00	1,020,280.00	8.50	8,672,380.00
	124	SQUASH	0.0	TON		0.00	0.00	0.00
	127	OTHER VEGETABLES (Specify)	0.0	CWT		0.00	0.00	0.00
		<b>TOTAL VEGETABLES</b>	<b>9863.9</b>					<b>36,236,186.32</b>
NURSERY	137	STRAWBERRY ROOTSTALK	108.0	PLNT	300,000.00	32,400,000.00	0.083	2,689,200.00
	138	TURF	0.0	FT <sup>2</sup>	0.00	0.00	0.30	0.00
		<b>TOTAL NURSERY</b>	<b>108.0</b>					<b>2,689,200.00</b>
SEED	147	PEA SEED		CWT	0.00	0.00	0.00	0.00
	148	POTATO SEED	0.0	CWT	0.00	0.00	0.00	0.00
	150	OTHER SEED (Specify)		CWT	0.00	0.00	0.00	0.00
		<b>TOTAL SEED</b>	<b>0.0</b>					<b>0.00</b>
FRUITS	177	GRAPES, WINE			0.00	0.00	0.00	0.00
	175	OTHER FRUITS (SPECIFY)			0.00	0.00	0.00	0.00
		<b>TOTAL FRUITS</b>						<b>0.00</b>
	192	<b>TOTAL ALL CROPS</b>	<b>63074.4</b>					<b>97,942,233.57</b>
	193	LESS MULTIPLE CROPPED						
	194	<b>TOTAL HARVESTED CROPLAND AND PASTURE</b>	<b>63074.4</b>					<b>97,942,233.57</b>

# CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2011

LINE CODE	PROJECT AND SUBDIVISION	STATE	OREGON		
	<b>KLAMATH</b>				
	<b>PART A - ACREAGE SUMMARY</b>				
(10-12)	<b>LANDS IN IRRIGATION ROTATION (ACRES)</b>				
		CLASS 1-4	CLASS 5		TOTAL
11	HARVESTED CROPLAND & PASTURE (FROM LINE 194)	13-21	(22-30)		
12	CROPLAND NOT HARVESTED & SOIL BUILDING	129,196.98			129,196.98
13	ACRES IRRIGATED (LINES 11 +12)	306.80			306.80
14	FALLOW OR IDLE	129,503.78			129,503.78
15	TOTAL AREA IN IRRIGATION ROTATION (CULTIVATION) (LINES 13+14)	3,678.70			3,678.70
	<b>LANDS NOT IN IRRIGATION ROTATION (ACRES)</b>	133,182.48			133,182.48
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)	6,125.31			6,125.31
20	TOTAL IRRIGABLE AREA FOR SERVICE (LINES 15+18+19)	139,307.79			139,307.79
21	TOTAL IRRIGABLE LAND NOT FOR SERVICE	0.00			0.00
22	TOTAL IRRIGABLE AREA (LINES 20+21)	139,307.79			139,307.79
23	CLASS 6 - TEMPORARILY IRRIGATED				
	<b>PART B - CROP VALUE SUMMARY</b>				
31	GROSS CROP VALUE (FROM LINE 194)				
32	ADDITIONAL REVENUE				\$105,905,007.53
33	FEDERAL FSA PAYMENTS		(22-30)		
34	SUGAR PROGRAM				
35	TOTAL ADDITIONAL REVENUE (LINES 33+34)				
36	TOTAL VALUE (GROSS CROP VALUE PLUS ADDITIONAL REVENUE-31+35)				\$0.00
37	TOTAL IRRIGATED ACREAGE (FROM LINE 13)				\$105,905,007.53
38	AVERAGE VALUE PER IRRIGATED ACRE (LINE 36/LINE 37)				129,503.78
	<b>PART C - NUMBER OF FARMS AND POPULATION</b>				\$617.78
41	FULL TIME FARMS (Est.)	NO. OF FARMS	IRRIGA. AC.		POPULATION
42	PART TIME FARMS (Est.)	704.00			
43	NON-AGRICULTURAL LANDS (ACRES FROM LINE 19)	250.00			
44	TOTAL (ACRES FROM LINE 20)			6,125.31	
				139,307.79	

# CROP PRODUCTION AND WATER UTILIZATION DATA FOR 2011 - 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)	2,386.90	BU	108.00	257,785.20	5.520	596.16	1,422,974.30
	51	BARLEY (feed)	6,654.73	BU	108.00	718,710.84	5.040	544.32	3,622,302.63
	52	CORN	0.00	BU		0.00		0.00	0.00
	53	OATS	3,055.64	BU	160.00	488,902.40	3.600	576.00	1,760,048.64
	57	WHEAT	13,818.81	BU	95.00	1,312,786.95	5.940	564.30	7,797,954.48
	58	OTHER CEREALS	1,007.81	BU	62.50	62,988.13	5.800	362.50	365,331.13
	59	<b>TOTAL CEREALS</b>	<b>26,923.89</b>						<b>14,968,611.19</b>
FORAGE	61	ALFALFA HAY	37,646.81	TON	5.00	188,234.05	210.00	1,050.00	39,529,150.50
	62	OTHER HAY	14,713.66	TON	4.00	58,854.64	190.00	760.00	11,182,381.60
	63	IRRIGATED PASTURE	42,262.88	AUM	5.00	211,314.40	28.50	142.50	6,022,460.40
	65	SILAGE OR ENSILAGE	0.00	TON	20.00	0.00	50.00	1,000.00	0.00
	70	OTHER FORAGE (SPECIFY)		TON		0.00		0.00	0.00
	71	<b>TOTAL FORAGE</b>	<b>94,623.35</b>						<b>56,733,992.60</b>
OTHER	81	BEANS, DRY & EDIBLE		CWT					
	87	PEPPERMINT	60.00	LBS	45.00	2,700.00	25.00	1,125.00	67,500.00
	89	SUGAR BEETS		TON					
	91	OTHER MISC. FIELD CROPS		TON		0.00		0.00	0.00
	92	<b>TOTAL MISCELLANEOUS FIELD CROPS</b>	<b>60.00</b>						<b>67,500.00</b>
VEGETABLES	101	BROCCOLI		CWT					
	117	CARROTS		CWT		0.00		0.00	0.00
	105	CABBAGE		CWT		0.00		0.00	0.00
	118	ONIONS	181.87	CWT	500.00	90,935.00	6.15	3,075.00	559,250.25
	119	PEAS, GREEN (PROCESSING)		TON		0.00		0.00	0.00
	122	POTATOES, CHIP	1,139.00	CWT	410.00	466,990.00	7.85	3,218.50	3,665,871.50
	123	POTATOES, FRESH	5,590.87	CWT	410.00	2,292,256.70	7.85	3,218.50	17,994,215.10
	127	OTHER VEGETABLES (Garlic)	53.00	TON	5.00	265.00	350.00	1,750.00	92,750.00
	128	<b>TOTAL VEGETABLES</b>	<b>6,964.74</b>						<b>22,312,086.85</b>
NURSERY	137	STRAWBERRY ROOTSTALK	446.00	PLNT	300,000.00	133,800,000.00	0.083	24,900.00	11,105,400.00
	138	TURF	15.00	FT²	43,560.00	653,400.00	0.30	13,068.00	196,020.00
		<b>TOTAL NURSERY</b>	<b>461.00</b>						<b>11,301,420.00</b>
SEEDS	147	PEA SEED		CWT					
	148	POTATO SEED	162.00	CWT	410.00	66,420.00	7.85	3,218.50	521,397.00
	149	SUGAR BEET SEED		CWT					
	150	OTHER SEED (Specify)		CWT					
	151	<b>TOTAL SEED</b>	<b>162.00</b>						<b>521,397.00</b>
FRUITS	163	BERRIES (NOT STRAWBERRIES)	0.00	lbs		0.00		0.00	0.00
	177	GRAPES, WINE				0.00		0.00	0.00
	160	STRAWBERRIES		pits		0.00		0.00	0.00
	175	OTHER FRUITS (APPLES)	2.00			0.00		0.00	0.00
		<b>TOTAL FRUITS</b>	<b>2.00</b>						<b>0.00</b>
	192	<b>TOTAL ALL CROPS</b>	<b>129,196.98</b>						<b>105,905,007.53</b>
	193	LESS MULTIPLE CROPPED	0.00						
	194	<b>TOTAL HARVESTED CROPLAND AND PASTURE</b>	<b>129,196.98</b>						<b>105,905,007.53</b>