

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(April 1937)

Water user or project YAKIMA - KITTITAS Year of 19 37

CROP		AREA (Acres)	UNIT OF YIELD	YIELDS			VALUES		
				TOTAL	PER ACRE		PER UNIT OF YIELD	TOTAL	PER ACRE
ITEM	KIND				Average	Maximum			
Cereals	1. Barley	1,413	Bushel	55,576	39.3	91	\$0.56	\$31,122.56	\$22.03
	2. Corn		Bushel						
	3. Oats	4,286	Bushel	237,573	55.4	122	0.31	73,647.63	17.18
	4. Rye	25	Bushel	450	18.0	18	0.56	252.00	10.08
	5. Wheat	7,050	Bushel	265,906	37.7	76	0.75	199,429.50	28.29
	6. Other ¹		Bushel						
	Subtotal	12,774	Bushel	559,505	43.8	122	0.54	304,451.69	23.83
Seed	7. Alfalfa	83	Bushel	118	1.4	5	15.00	1,770.00	21.33
	8. Clover	1,136	Bushel	5,634	4.9	10	13.80	77,749.20	68.44
	9. Other ² Peas	2,993	Bushel	68,626	22.9	56	1.70	116,664.20	38.98
	to ² Cress	8	Bushel	25	3.1	3	8.80	220.00	27.50
	14. ²		Bushel						
	Subtotal	4,220	Bushel	74,403	17.6	56	2.64	196,403.40	46.54
Hay and Forage	15. Alfalfa	11,716	Ton	25,785	2.2	6	8.50	219,937.50	18.77
	16. Bluejoint and timothy	3,538	Ton	6,673	1.9	4	9.50	63,393.50	17.92
	17. Other hay ³	7,877	Ton	13,288	1.7	5	7.50	99,660.00	12.65
	18. Corn fodder ⁴	5	Ton	10	2.0	2	6.00	60.00	12.00
	19. Other forage ⁵ Oct. Straw	3,902	Ton	3,335	0.9	2	1.00	3,335.00	0.85
	to ⁵ Wheat Straw	6,479	Ton	6,265	1.0	2	1.00	6,265.00	0.97
	23. ⁵ Other *	5,289	Ton	5,971	1.1	5	1.29	7,728.00	1.46
	24. Carrots, mangels		Ton						
	25. Pasture ⁶ Stubble	34,441	Acre				1.25	43,051.25	1.25
	to ⁶ Tame (seeded)	4,369	Acre				9.00	39,321.00	9.00
	30. ⁶ Other Pasture *	4,797	Acre				4.04	19,393.50	4.04
	Subtotal	82,413						\$502,144.75	\$6.09

Item numbers correspond to those on Form 7-332.

¹ For remaining grain crops. See note ¹ page 3, Form 7-332.

² List two most important other seed crops, like sugar beets, beans, peas, etc. Use item 14 for the sum total of all remaining seed crops.

³ See note ³, page 3, Form 7-332.

⁴ See note ⁴, page 3, Form 7-332.

⁵ List two most important other forage duplicate crops, like beet tops, bean straw, etc. Use item 23 for sum total of remaining other forage crops.

⁶ List two most important pastures, like ladino, tame, and alfalfa. Use item 30 for sum total of remaining pastures.

⁷ List two most important truck crops, like lettuce, tomatoes, or cabbage. Use item 42 for sum total of other remaining truck crops.

⁸ Includes all other nuts.

⁹ Item 59 for the major crop. Items 60, 61, total of all other miscellaneous.

Use item 62 for reporting acreage of soil-building crops planted and irrigated for fertilizing the land.

Use item 63 for reporting acreage of land fallowed because of short water supply or other reasons where the objective is to mellow and rest land for increasing future productivity. (Distinct from "Idle" land listed under "B" page 4, Form 7-332.)

* See reverse of Sheet 1 for details.

	Crop	Area Acre	Unit of: Yield	Total	Per Unit : of Yield	Total	Per Acre
#23	Pea Silage	735	Ton	1,590	\$1.50	\$2,385.00	\$3.25
	Beet Tops	219	Ton	400	0.40	160.00	0.73
	Barley Straw	1,078	Ton	873	1.00	873.00	0.81
	Pea Straw	2,336	Ton	1,989	1.00	1,989.00	0.85
	Cornstalks	278	Ton	518	1.00	518.00	1.86
	Clover Straw	637	Ton	593	3.00	1,779.00	2.79
	Alfalfa Straw	8	Ton	8	3.00	24.00	3.00
	Subtotal	5,289	Ton	5,971	1.29	7,728.00	1.46
#30	Alfalfa Pasture	295	Acre	-	5.00	1,475.00	5.00
	Clover Pasture	64	Acre	-	6.00	384.00	6.00
	Natural Pasture	4,003	Acre	-	4.00	16,012.00	4.00
	Other Pasture	435	Acre	-	3.50	1,522.50	3.50
	Subtotal	4,797	Acre	-	4.04	19,393.50	4.04
#42	Asparagus	1.5	Pound	-	-	-	-
	Popcorn	1.5	Pound	10,000	0.02	200.00	133.33
	Subtotal	3.0	Pound	10,000	0.02	200.00	66.67
49-52	Strawberries	7	Pound	16,560	0.08	1,324.80	189.26
	Blackberries	2	Pound	1,400	0.08	112.00	56.00
	Subtotal	9	Pound	17,960	0.08	1,436.80	159.64

Shown in total areas but not harvested

	<u>Acres</u>		<u>acres</u>
Wheat	51	Potatoes	23
Beans, com'l	3	Sugar Beets	14
Clover Seed	38	Canning Peas	4
Seed Peas	34	Barley	14
New Clover	6	Apples	5
New Alfalfa	152	Cats	6
Other Hay	83	Asparagus	2
New Seeded Pasture	9	Pears	3
		<u>Total</u>	<u>447</u>

NOTE: 37 acres Class 6 land
irrigated and cropped.
Crop value \$799.50.

CROP		AREA (Acres)	UNIT OF YIELD	YIELDS			VALUES		
ITEM	KIND			TOTAL	PER ACRE		PER UNIT OF YIELD	TOTAL	PER ACRE
					Average	Maximum			
Vegetables and Truck	31. Beans, commercial	22	Bushel	279	12.7	22	\$1.70	\$474.30	\$21.56
	32. Onions, dry	2	Bushel	10	5.0	5	0.40	4.00	2.00
	33. Potatoes, white	4,863	Bushel	1,674,970	344.0	699	0.27	452,241.90	93.00
	34. Potatoes, sweet		Bushel						
	35. Gardens	107	Bushel Acre				75.00	8,025.00	75.00
	36. Truck ⁷ Canning Peas	1,273	Bushel	53,895	42.3	110	0.95	51,200.25	40.22
	to ⁷ Canning Corn	294	Bushel	29,170	99.2	171	0.33	9,626.10	32.74
	42. ⁷ Other Truck *	3	Bushel x lb.	10,000	3333.0	6,666	0.02	200.00	66.67
	Subtotal	6,564						521,771.55	79.49
Fruits and Nuts	43. Apples	40	Pound	214,200	5,355	12,800	0.005	1,071.00	26.78
	44. Peaches		Pound						
	45. Pears	8	Pound	44,000	5,500	5,500	0.01	440.00	55.00
	46. Prunes		Pound						
	47, 48. Citrus fruit		Pound						
	49-52. Small fruit *	9	Pound	17,960	1,996	2,160	0.08	1,436.80	159.64
	53. Almonds		Pound						
Miscellaneous	54, 55. Miscellaneous ⁸		Pound						
	Subtotal	57		276,160	4,845	12,800	0.01	2,947.80	51.72
	56. Sugar beets	278	Ton	3,058	11	20	5.00	15,290.00	55.00
	57. Cotton, lint		Bale						
Miscellaneous	58. Cotton, seed		Ton						
	59. Other ⁹ Strawberry plants	7	Thousand	180	25.7	26	4.00	720.00	102.86
	60, 61 ⁹								
	Subtotal	285						16,010.00	56.18
Soil Im- prove- ment	62. Soil-building crops	20	Total value (sum of items 1 to 61, inclusive)					\$ 1,543,729	
	63. Fallowed land	613	Additional revenues received (see reverse hereof)					\$ 45,000	
	Subtotal	633	Total and average gross value per acre ¹⁰					\$ 1,588,729	\$ 28.63
Total acreage reported		106,946		IRRIGABLE AREAS BY FEATURES			ACRES	FARMS	PERCENT OF PROJECT
Less duplicated areas		51,453							
Net area in cultivation		55,493		Total area irrigated			54,995	851	78.4
Net area in cultivation		55,493	Value	Area irrigable but not irrigated:					
Less fallowed, not irrigated		588		(a) Idle (see "B" page 4 of Form 7-332)			11,238	69	16.0
Irrigated area (classes 1-4)		54,905		(b) Temporarily suspended ¹²			869	-	1.2
Temporarily suspended area irrigated				(c) Buildings, yards, highways, rights-of-way			2,288	-	3.3
(from separate cards class 5)		90		(d) Dry farmed and fallowed			796	-	1.1
Total area irrigated		54,995		Grand total irrigable of project or division			70,186	920	100.0

⁷, ⁸, and ⁹, see footnotes, page 1. * See reverse Sheet 1. ¹¹ Value not to be included in total value used for determining average gross acre income.

¹⁰ Average computed on "net area in cultivation."

¹² To be assembled from separate cards for Class 5 lands.

reverse Sheet 1 for crops not harvested;
for Class 6 area cultivated and crop value.

(OVER)

SUMMARY OF ADDITIONAL REVENUES RECEIVED

(Supporting item and amount on reverse hereof)

COVERING SOIL CONSERVATION, BONUS OR OTHER PAYMENTS RECEIVED DURING YEAR NOT INCLUDED IN REGULAR CROP VALUES

CROP OR PURPOSE ¹	YEAR ²	ACREAGE OR TONNAGE ²	UNIT ON WHICH BASED	PAYMENTS			
				PER UNIT	FEDERAL ³	FACTORY ⁴	TOTAL
Crop Diversion	1936	22,500	Acre		\$33,750		\$33,750 *
Soil Building	1936	7,500	Acre		11,250		11,250 *
		30,000	Acre		\$45,000		\$45,000

¹ List crops and purposes for which payments were received during year covered by present crop report, such as wheat, cotton, sugar beets, diversion of acreage, soil-building, etc.

² Designate year and acreage or tonnage to which each payment applied.

³ Payments from Government under Agricultural Conservation program.

⁴ Payments from sugar companies and other commercial agencies.

* Estimated

INSTRUCTIONS FOR CROP YIELD REPORT

1. The crop yield report shall be included in the annual operation and maintenance report, and an advance copy shall be sent to the Commissioner as soon after its compilation as possible.

2. For sake of uniformity, the unit shall be the ton for forage crops and sugar beets, the bushel for grains and vegetables when practical, and the pound for fruits.

3. The value per unit of yield shall be the local market price of the crop.

4. Owing to the general nature of the information given in this report the use of decimals shall be reduced to the lowest practicable minimum consistent with reasonable accuracy.

5. Pastures shall be included under areas irrigated for crop purposes, and the value thereof per acre shall be determined on the basis of the equivalent value of hay or other feeds which otherwise would be consumed.

6. Duplicated areas resulting from growing grass and grain on the same land, from raising crops in bearing orchards, from pasturing alfalfa, grain, and other lands from which crops were harvested and reported separately, and from other similar methods of cropping shall be carefully ascertained and deducted.

DUPLICATED AREAS

The item for "duplicated areas" appearing in the tabulation on the reverse hereof is made up of the following: (List crops and acreages below.)

Oat Straw	3,902 acres	Alfalfa Seed	83 acres
Wheat Straw	6,479 "	Strawberry Plants	7 "
Other Forage	5,289 "	Other Pasture	116 "
Stubble Pasture	34,441 "	Clover Seed	1,136 "
		Total	51,453 "

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