

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(April 1937)

FINAL

YAKIMA - KITTITAS

Year of 1939

Water user or project

				YIELDS			VALUES		
CROP		AREA (Acres)	UNIT OF YIELD	TOTAL	PER ACRE		PER UNIT OF YIELD	TOTAL	PER ACRE
ITEM	KIND				Average	Maximum			
Cereals	1. Barley	2,350	Bushel	101,828	43.3	90	\$0.40	\$40,731	\$17.33
	2. Corn		Bushel						
	3. Oats	5,639	Bushel	313,289	55.6	159	0.32	100,252	17.78
	4. Rye	10	Bushel	500	50.0	50	0.84	420	42.00
	5. Wheat	4,350	Bushel	157,530	36.2	91	0.60	94,518	21.73
	6. Other ¹ Spelts	17	Bushel	400	23.5	25	0.40	160	9.41
	Subtotal	12,366	Bushel	573,547	46.4	159	0.41	236,081	19.09
Seed	7. Alfalfa	251	Bushel	539	2.1	4	9.50	5,120	20.40
	8. Clover	2,894	Bushel	7,744	2.7	9	5.40	41,818	14.45
	9. Other ² Peas	184	Bushel	2,825	15.4	60	1.20	3,390	18.42
	to ² Flax	12	Bushel	100	8.3		1.71	171	14.25
	14. ² Other *	15	Bushel	58	3.9	6	6.14	356	23.73
	Subtotal	3,356	Bushel	11,266	3.4	60	4.51	50,855	15.15
Hay and Forage	15. Alfalfa	11,858	Ton	26,890	2.3	5	6.00	161,340	13.61
	16. Bluejoint and timothy	4,028	Ton	7,452	1.9	4	7.50	55,890	13.88
	17. Other hay ³	10,612	Ton	17,370	1.6	4	5.00	86,850	8.18
	18. Corn fodder ⁴	60	Ton	235	3.9	7	2.50	588	9.80
	19. Other forage ⁵ Oat Straw	5,023	Ton	4,729	0.9	2	1.00	4,729	0.94
	to ⁵ Wheat Straw	3,776	Ton	3,829	1.0	2	1.00	3,829	1.01
	23. ⁵ Other *	5,071	Ton	5,380	1.1	4	1.93	10,395	2.05
	24. Carrots, mangels		Ton						
	25. Pasture ⁶ Stubble	35,223	Acre				1.00	35,223	1.00
	to ⁶ Tame (seeded)	6,753	Acre				8.00	54,024	8.00
30. ⁶ Other *	4,098	Acre				2.23	9,150	2.23	
	Subtotal	86,502						\$422,018	\$4.88

* See other side.

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.)

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
WASHINGTON, D. C.
1916

	Crop	Area	Unit of	Total	Per Acre		Per Unit	Total	Per Acre
		Acres	Yield		Average	Maximum	of Yield		
#14	Timothy Seed	8	Bushel	16	2		\$6.00	96	\$12.00
	Crested Wheat Seed	7	Bushel	42	6		6.20	260	37.14
	Subtotal	15	Bushel	58	3.9		6.14	356	23.73
#23	Clover Straw	2,694	Ton	2,663	1.0		3.00	7,939	2.97
	Barley Straw	1,835	Ton	1,705	0.9		1.00	1,705	0.93
	Beet Tops	252	Ton	555	2.2		0.50	278	1.10
	Cornstalks	99	Ton	294	3.0		0.50	147	1.48
	Pea Straw	40	Ton	38	1.0		1.00	38	0.95
	Rye Straw	10	Ton	7	0.7		1.00	7	0.70
	Alfalfa Straw	133	Ton	113	0.8		2.00	226	1.70
	Timothy Straw	8	Ton	5	0.6		1.00	5	0.62
	Subtotal	5,071	Ton	5,380	1.1		1.93	10,395	2.05
#30	Alfalfa Pasture	169	Acre				8.00	1,352	8.00
	Clover Pasture	87	Acre				8.00	696	8.00
	Natural Pasture	3,337	Acre				1.75	5,840	1.75
	Other Pasture	505	Acre				2.50	1,262	2.50
	Subtotal	4,098	Acre				\$2.23	\$9,150	\$2.23

IRRIGATED - NO CROP HARVESTED

	Acres		Acres
Barley	82	Potatoes	99
Oats	93	Gardens	1
Wheat	72	Canning Corn	14
Alfalfa Hay	166	Apples	12
Bluejoint & Timothy Hay	16	Pears	4
Other Hay	91	Subtotal	688
Tame Pasture	38	Soil Building	14
		TOTAL	702

NOTE: 90 acres Class 6 land irrigated and cropped.

Estimated crop value -

\$1,000.00

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		Bushel						
	32. Onions, dry	4	Bushel	1,200	300	300	\$0.12	\$144	\$36.00
	33. Potatoes, white	5,190	Bushel	1,463,449	282	533	0.30	439,035	84.59
	34. Potatoes, sweet		Bushel						
	35. Gardens	66	Bushel - Acre				50.00	3,300	50.00
	36. Truck ⁷ Canning Corn	445	Bushel	57,158	128.4	211	0.31	17,719	39.82
	to ⁷ Lettuce	4	Bushel - Lb.	18,000	4,500	4,500	0.01	180	45.00
	42. ⁷		Bushel						
	Subtotal	5,709	Acre					460,378	80.64
	Fruits and Nuts	43. Apples	12	Pound	-				-
44. Peaches			Pound						
45. Pears		4	Pound	-				-	-
46. Prunes			Pound						
47, 48. Citrus fruit			Pound						
49-52. Small fruit Strawberries		12	Pound	19,375	1614.6	2,520	0.05	969	80.75
53. Almonds			Pound						
54, 55. Miscellaneous ⁸		Pound							
Subtotal	28	Pound	19,375	1614.6	2,520	0.05	969	34.61	
Miscellaneous	56. Sugar beets	252	Ton	2,976	11.8	17	4.40	13,094	51.96
	57. Cotton, lint		Bale						
	58. Cotton, seed		Ton						
	59. Other ⁹								
	60, 61 ⁹								
Subtotal	252	Ton	2,976	11.8	17	\$4.40	\$13,094	\$51.96	
Soil Im- prove- ment	62. Soil-building crops	14	Total value (sum of items 1 to 61, inclusive)				\$	1,183,395	
	63. Fallowed land	888	Additional revenues received (see reverse hereof)				\$	132,537	
	Subtotal	902	Total and average gross value per acre ¹⁰				\$	1,315,932	\$ 23.08
Total acreage reported		109,115	IRRIGABLE AREAS BY FEATURES				ACRES	FARMS	PERCENT OF PROJECT
Less duplicated areas		52,097							
Net area in cultivation		57,018					56,523	791	80.5
Net area in cultivation		57,018	Value	Total area irrigated					
Less fallowed, not irrigated		888		Area irrigable but not irrigated:					
Irrigated area (classes 1-4)		56,130		(a) Idle (see "B" page 4 of Form 7-332)			9,617	69	13.7
Temporarily suspended area irrigated				(b) Temporarily suspended ¹²			886	-	1.2
(from separate cards class 5)		93		(c) Buildings, yards, highways, rights-of-way			2,284	-	3.3
Subtotal area irrigated		56,223		(d) Dry farmed and Fallowed			896	-	1.3
Lawns, Windbreaks, etc.		300		Grand total irrigable of project or division			70,186	860	100.0
TOTAL AREA IRRIGATED		56,523							

^{7, 8, and 9}, see footnotes, page 1.

¹⁰ Average computed on "net area in cultivation."

¹¹ Value not to be included in total value used for determining average gross acre income.

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

(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
Potatoes	1938				\$26,000		\$26,000
	1939				40,000		40,000
	1938				6,000		6,000
Soil Building	1939				10,000		10,000
Sugar Beets	1938	8,119	Ton		14,000	\$2,537	16,537
	1938				9,000		9,000
Wheat - A.C.P.	1939				15,000		15,000
Wheat Parity	1939				10,000		10,000
			TOTAL		\$130,000	\$2,537	\$132,537

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.

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.)

	Acres		Acres
Alfalfa Seed	251	Beet Tops	252
Clover Seed	2,745	Cornstalks	99
Timothy Seed	8	Pea Straw	40
Oat Straw	5,023	Rye Straw	10
Wheat Straw	3,776	Alfalfa Straw	133
Clover Straw	2,694	Timothy Straw	8
Barley Straw	1,835	Stubble Pasture	35,223
		TOTAL	52,097