

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(April 1937)

Final

Water user or project YAKIMA - KENNEWICK (Kennewick Highlands) Year of 19⁴³

CROP				AREA (Acres)	UNIT OF YIELD	YIELDS		VALUES		
ITEM KIND		TOTAL	PER ACRE			PER UNIT OF YIELD	TOTAL	PER ACRE		
			Average						Maximum	
Irrigated for Production of This Crop	Cereals	1. Barley		Bushel						
		2. Corn	6	Bushel	147	24.5	40	\$ 1.15	\$ 169	\$ 28.17
		3. Oats	1	Bushel	62	62.0	62	0.72	45	45.00
		4. Rye		Bushel						
		5. Wheat		Bushel						
		6. Other ¹		Bushel						
		Subtotal	7	Bushel	209	29.9	62	\$ 1.02	\$ 214	\$ 30.57
	Seed	7. Alfalfa		Bushel						
		8. Clover		Bushel						
		9. Other ² Peas	4	Bushel	140	35.0	35	\$ 2.60	\$ 364	\$ 91.00
		to ²		Bushel						
		14. ²		Bushel						
		Subtotal	4	Bushel	140	35.0	35	\$ 2.60	\$ 364	\$ 91.00
	Hay and Forage	15. Alfalfa	417	Ton	1,437	3.4	7	\$ 20.00	\$ 28,740	\$ 68.92
		16. Bluejoint and timothy		Ton						
		17. Other hay ³	40	Ton	59	1.5	3	15.00	885	22.12
		18. Corn fodder ⁴	33	Ton	91	2.8	5	8.00	728	22.06
		19. Other forage ⁵ Cornstalks	1	Ton	3	3.0	3	1.00	3	3.00
		to ⁵		Ton						
		23. ⁵		Ton						
		24. Carrots, mangels		Ton						
		25. Pasture ⁶ Clover	75	Acre	- -	- -	- -	- -	2,475	33.00
		to ⁶ Tame Seeded	60	Acre	- -	- -	- -	- -	2,710	45.17
		30. ⁶ Other *	72	Acre	- -	- -	- -	- -	2,071	28.76
			Subtotal	698	Acre	- -	- -	- -	\$ 37,612	\$ 53.89

Item numbers correspond to those on Form 7-332.

* See back of this sheet.

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.)

ITEM :	C R O P KIND	AREA (ACRES)	UNIT OF: YIELD	TOTAL	PER ACRE AVERAGE	PER ACRE MAXIMUM	PER UNIT OF YIELD	TOTAL	PER ACRE
25	Pasture, Alfalfa	13	Acre	- -	- -	- -	- -	\$ 495	\$ 38.08
to	, Natural	47	Acre	- -	- -	- -	- -	1,276	27.15
30	, Stubble	1	Acre	- -	- -	- -	- -	5	5.00
30	, Misc.	11	Acre	- -	- -	- -	- -	295	26.82
	Subtotal	72	Acre	- -	- -	- -	- -	\$ 2,071	\$ 28.76
36	Carrots	1	Bushel	280	280	280	\$ 0.55	\$ 154	\$ 154.00
to	Lettuce	20	Pound	258,375	12,919	13,000	0.04	10,335	516.75
42	Peas, green	5	Pound	20,000	4,000	4,000	0.04	800	160.00
	Rutabagas	1	Bushel	357	357.0	357	1.40	500	500.00
	Spinach	27	Bushel	16,915	626.5	750	0.36	6,089	225.52
	Turnips	8	Bushel	1,260	157.5	593	1.62	2,041	255.13
	Subtotal	62	Acre	- -	- -	- -	\$ - -	\$ 19,919	\$ 321.27
49	Apricots	10	Pound	11,922	1,192.2	3,000	\$ 0.08	\$ 954	\$ 95.40
to	Berries	8	Pound	6,724	840.5	4,000	0.20	1,345	168.12
52	Cherries	179	Pound	1,154,198	6,448.0	21,000	0.15	173,130	967.21
	Grapes	637	Pound	6,038,000	9,479.0	12,000	0.0225	135,855	213.27
	Subtotal	834	Pound	7210,844	8,646.0	21,000	\$ 0.0432	\$ 311,284	\$ 373.24

IRRIGATED - NO CROP HARVESTED

	Acres		Acres
Alfalfa Hay	14	Other Pasture	1
Apples	3	Peaches	8
Apricots	3	Pears	1
Asparagus	90	Potatoes, White	1
Beans, commercial	16	Prunes	43
Cherries	14	Tomatoes	2
Other Hay	1	Turnips	4
Grapes	120		
		Total	321

IVICIV - REMEMBRANCE (Remembrance of the past)

BUREAU OF RECLAMATION
DEPARTMENT OF THE INTERIOR
UNITED STATES

CHAS. W. B. BAKER

CROP		AREA (Acres)	UNIT OF YIELD	YIELDS			VALUES		
ITEM	KIND			TOTAL	PER ACRE		PER UNIT OF YIELD	TOTAL	PER ACRE
					Average	Maximum			
Irrigated for Production of This Crop	Vegetables and Truck	31. Beans, commercial	16	Bushel	- -	- -	- -	- -	- -
		32. Onions, dry	22	Bushel	5,323	242.0	1,144	\$ 1.50	\$ 7,984
		33. Potatoes, white	283	Bushel	48,229	170.4	300	1.05	50,640
		34. Potatoes, sweet		Bushel					
		35. Gardens	32	Pound	- -	- -	- -	6,432	201.00
		36. Truck ⁷ Asparagus	806	Pound	2,878,277	3,571.0	6,000	0.075	215,871
		to ⁷ Tomatoes	185	Bushel	49,060	265.2	544	0.66	32,380
		42. ⁷ Other *	62	Pound	- -	- -	- -	19,919	321.27
		Subtotal	1,406	Acre	- -	- -	- -	\$ 333,226	\$ 237.00
	Fruits and Nuts	43. Apples	42	Pound	399,750	9,518.0	13,700	\$ 0.04	\$ 15,990
		44. Peaches	18	Pound	132,816	7,379.0	20,448	0.0625	8,301
		45. Pears	18	Pound	189,600	10,533.0	15,600	0.04	7,584
		46. Prunes	76	Pound	187,666	2,469.0	15,000	0.15	28,150
		47, 48. Citrus fruit		Pound					
		49-52. Small fruit *	834	Pound	7,210,844	8,646.0	21,000	0.0432	311,284
		53. Almonds		Pound					
		54, 55. Miscellaneous ⁸		Pound					
		Subtotal	988	Pound	8,120,676	8,219.0	21,000	\$ 0.0457	\$ 371,309
	Miscellaneous	56. Sugar beets		Ton					
		57. Cotton, lint		Bale					
		58. Cotton, seed		Ton					
		59. Other ⁹ Mint (oil)	501	Pound	20,965	41.8	80	\$ 6.00	\$ 125,790
		60, 61 ⁹							
		Subtotal	501	Acre	- -	- -	- -	\$ 125,790	\$ 251.08
Soil Im- prove- ment	62. Soil-building crops		99	Total value (sum of items 1 to 61, inclusive)				\$ 868,515	
	63. Fallowed land		146	Additional revenues received (see reverse hereof)				\$ 2,118	
	Subtotal		245	Total and average gross value per acre ¹⁰				\$ 870,633	\$ 231.24
Total acreage reported		3,849		IRRIGABLE AREAS BY FEATURES			ACRES	FARMS	PERCENT OF PROJECT
Less duplicated areas **		84							
Net area in cultivation		3,765	Value	Total area irrigated			3,638	177	87.9
Net area in cultivation		3,765		Area irrigable but not irrigated:			144	- -	3.5
Less fallowed, not irrigated		134	\$ ¹¹	(a) Idle (see "B" page 4 of Form 7-332)			60	7	1.4
Irrigated area (classes 1-4)				(b) Temporarily suspended ¹²					
Temporarily suspended area irrigated				(c) Buildings, yards, highways, rights-of-way			164	- -	4.0
(from separate cards class 5)				(d) Dry farmed. Fallowed, not irrigated			134	- -	3.2
Total area irrigated		3,631		Grand total irrigable of project or division			4,140	184	100.0

⁷, ⁸, and ⁹, see footnotes, page 1.
¹⁰ Average computed on "net area in cultivation."

Grand Total Irrigated 3,638

*See back of Sheet 1.
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. ** See back of Sheet 2.
 (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 ³	UNIT ON WHICH BASED	PAYMENTS			
				PER UNIT	FEDERAL ³	FACTORY ⁴	TOTAL
Soil Conservation	1942				\$ 1,855		\$ 1,855
" "	1943				263		263
Total					\$ 2,118		\$ 2,118

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 Hay	12	Peaches	1
Asparagus	2	Pears	10
Cornstalks	1	Potatoes	16
Fallowed Land	3	Soil Building	8
Gardens	2	Stubble Pasture	1
Natural Pasture	6	Tomatoes	17
Other Hay	5	Total	84

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