

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 19⁴⁴

CROP		AREA (Acres)	UNIT OF YIELD	YIELDS			VALUES		
				TOTAL	PER ACRE		PER UNIT OF YIELD	TOTAL	PER ACRE
ITEM	KIND				Average	Maximum			
Irrigated for Production of This Crop	Cereals	1. Barley	Bushel	480	60.0	60	\$ 1.00	\$ 480	\$ 60.00
		2. Corn	Bushel	335	41.9	70	1.15	385	48.13
		3. Oats	Bushel						
		4. Rye	Bushel						
		5. Wheat	Bushel						
		6. Other ¹	Bushel						
		Subtotal	Bushel	815	50.9	70	\$ 1.06	\$ 865	\$ 54.06
	Seed	7. Alfalfa	Bushel	3	3.0	3	\$ 23.33	\$ 70	\$ 70.00
		8. Clover	Bushel						
		9. Other ² Peas	Bushel	2,461	23.6	23	3.00	7,383	69.00
		to ²	Bushel						
		14. ²	Bushel						
		Subtotal	Bushel	2,464	22.8	23	\$ 3.02	\$ 7,453	\$ 65.01
	Hay and Forage	15. Alfalfa	Ton	1,587	3.3	10	\$ 20.00	\$ 31,740	\$ 65.85
		16. Bluejoint and timothy	Ton		1.5				
		17. Other hay ³	Ton	17	1.5	2	15.00	255	23.18
		18. Corn fodder ⁴	Ton	29	1.5	3	8.00	232	12.21
		19. Other forage ⁵	Ton						
		to ⁵	Ton						
		23. ⁵	Ton						
		24. Carrots, mangels	Ton					2,830	52.41
		25. Pasture ⁶ Tame Seeded	Acre					3,610	70.78
		to ⁶ Clover	Acre					6,139	66.01
		30. ⁶ Other *	Acre					\$ 44,806	\$ 65.11
		Subtotal							
		710							

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.)

Item	Crop Kind	Area (Acres)	Unit of Yield	Yield			Per Unit of Yield	Values	
				Total	Per Acre Ave.	Max.		Total	Per Acre
25	Alfalfa pasture	26	Acre					\$ 1,785	\$ 68.65
to	Natural pasture	40	Acre					3,420	85.50
30	Other pasture	27	Acre					934	34.59
	Sub-total	93	Acre					\$ 6,139	\$ 66.01
36	Cantaloups	20	Pound	15,000	750	7,500	\$.04	\$ 600	\$ 30.00
to	Carrots, table	4	Bushel	2,000	500	500	.90	1,800	450.00 ✓
42	Cucumbers	5	Bushel	20	4	4	2.40	48	9.60
	Melons	14	Pound	32,000	2,286	16,000	.02	640	45.71
	Spinach	2	Bushel	444	222	222	.60	266	133.00
	Sweet corn	21	Bushel	540	25.7	86	.41	221	10.52
	Tomatoes	30	Bushel	700	23.3	100	2.50	1,750	58.33
	Turnips	2	Bushel	926	463	463	1.35	1,250	625.00
	Sub-Total	98	Acre					\$ 6,575	\$ 67.09
49	Apricots	13	Pound	91,915	7,070	24,000	\$.06	\$ 5,515	\$ 42.42
to	Berries	7	Pound	7,780	1,111	2,200	.30	2,334	333.43
52	Cherries	207	Pound	290,414	1,403	4,000	.20	58,083	280.59
	Grapes	621	Pound	5,011,360	8,070	24,000	.0275	✓ 137,812	221.92 ✓
	Plums	7	Pound	12,000	1,714	4,000	.0625	756	108.00
	Sub-Total	855	Pound	5,413,569	6,332	24,000	\$.0378	\$ 204,500	\$ 239.18

Irrigated - No Crop Harvested

Acres		Acres	
Alfalfa hay	12	Grapes	86
Apricots	2	Lettuce	11
Asparagus	73	Melons	12
Beans, commercial	2	Mint oil	17
Berries	1	Peaches	22
Cantaloups	18	Plums	1
Cherries	53	Potatoes, white	1
Corn	2	Prunes	46
Corn fodder	1	Sweet corn	4
Gardens	2	Tomatoes	23

Total 389

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	2	Bushel	-	-	-	-	-	-
	32. Onions, dry	9	Bushel	3,324	369.3	400	\$ 1.30	\$ 4,321	\$ 48.01
	33. Potatoes, white	157	Bushel	22,067	140.6	270	1.20	26,480	168.66
	34. Potatoes, sweet		Bushel						
	35. Gardens	18	Bushel					1,985	110.28
	36. Truck ⁷ Asparagus	873	Pound	3,056,000	3,501.	8,000	.075	✓ 229,200	262.54 ✓
	to ⁷ Lettuce	32	Pound	31,360	804.1	1,800	.04	1,254	32.15
42.	Other *	58	Bushel					6,576	67.09
	Subtotal	1,196	Acre	-	-	-	-	\$ 269,815	\$ 225.60
Fruits and Nuts	43. Apples	21	Pound	333,280	15,870	20,000	\$.065	\$ 21,663	\$ 1,031.57 ✓
	44. Peaches	39	Pound	190,829	4,895	28,000	.0625	11,931	305.92
	45. Pears	6	Pound	58,600	9,800	14,400	.035	2,058	343.00 ✓
	46. Prunes	96	Pound	293,300	3,055	15,000	.0375	10,999	114.57
	47, 48. Citrus fruit		Pound						
	49-52. Small fruit *	855	Pound	5,413,569	6,332	24,000	.0378	✓ 204,500	239.18 ✓
	53. Almonds		Pound						
	54, 55. Miscellaneous ⁸		Pound						
	Subtotal	1,017	Pound	6,289,843	6,185	28,000	\$.0399	251,151	\$ 246.95
Miscellaneous	56. Sugar beets		Ton						
	57. Cotton, lint		Bale						
	58. Cotton, seed		Ton						
	59. Other ⁹ Mint oil	696	Pound	23,514	41.0	100	7.00	✓ 199,598	286.78 ✓
	60, 61 ⁹								
	Subtotal	696	Acre	-	-	-	-	\$ 199,598	\$ 286.78
Soil Im- prove- ment	62. Soil-building crops	99	Total value (sum of items 1 to 61, inclusive)					\$ 773,688	
	63. Fallowed land	128	Additional revenues received (see reverse hereof)					\$ 7,197	
	Subtotal	227	Total and average gross value per acre ¹⁰					\$ 780,885	\$ 202.93
Total acreage reported		3,970							
Less duplicated areas **		122							
Net area in cultivation		3,848							
Net area in cultivation		3,848	Value						
Less fallowed, not irrigated		128							
Irrigated area (classes 1-4)		3,720							
Temporarily suspended area irrigated (from separate cards class 5)			\$ ¹¹						
Total area irrigated		3,720							
			IRRIGABLE AREAS BY FEATURES					ACRES	FARMS
									PERCENT OF PROJECT
			Total area irrigated					3,728	218
			Area irrigable but not irrigated: Pt. farms)					106	-
			(a) Idle (see "B" page 4 of Form 7-332))					80	9
			(b) Temporarily suspended ¹²						
			(c) Buildings, yards, highways, rights-of-way					188	-
			(d) Temporarily fallowed, not irrigated					128	-
			Grand total irrigable of project or division					4,230	227

⁷, ⁸, and ⁹, see footnotes, page 1. lawns 8
¹⁰ Average computed on "net area in cultivation."
 Grand total irrigated 3,728

* See back of sheet P. Value not to be included in total value used for determining average gross acre income.
 of sheet P. 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 ²	UNIT ON WHICH BASED	PAYMENTS			
				PER UNIT	FEDERAL ³	FACTORY ⁴	TOTAL
Soil Conservation	1943				\$ 7,197		\$ 7,197

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	24	Seed peas	5
Asparagus	4	Soil building	27
Cherries	4	Spinach	2
Lettuce	8	Sweet corn	10
Potatoes	29	Tomatoes	3
Corn fodder	6		
		Total	122

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