

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(April 1937)

Water user or project YAKIMA - KENNEWICK (Kennewick Highlands) 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				
Irrigated for Production of This Crop	Cereals	1. Barley	15	Bushel	532	35.5	50	\$0.60	\$319.20	\$21.28
		2. Corn	110	Bushel	2,955	26.9	100	0.65	1,920.75	17.46
		3. Oats	13	Bushel	295	22.7	125	0.40	118.00	9.08
		4. Rye		Bushel						
		5. Wheat	30	Bushel	737	24.6	42	0.75	552.75	18.42
		6. Other ¹		Bushel						
		Subtotal	168	Bushel	4,519	26.9	125	0.644	2,910.70	17.33
	Seed	7. Alfalfa		Bushel						
		8. Clover		Bushel						
		9. Other ²		Bushel						
		to ²		Bushel						
		14. ²		Bushel						
		Subtotal								
	Hay and Forage	15. Alfalfa	686	Ton	2,349	3.4	7	10.00	23,490.00	34.24
		16. Bluejoint and timothy		Ton						
		17. Other hay ³	74	Ton	128	1.7	3	8.00	1,024.00	13.84
		18. Corn fodder ⁴	53	Ton	190	3.6	6	6.00	1,140.00	21.51
		19. Other forage ⁵ Beet Tops	12	Ton	128	10.7	12	0.40	51.20	4.27
		to ⁵		Ton						
		23. ⁵		Ton						
		24. Carrots, mangels		Ton						
		25. Pasture ⁶ Natural	25	Acre				5.00	125.00	5.00
		to ⁶ Alfalfa	22	Acre				10.00	220.00	10.00
		30. ⁶ Other [*]	56	Acre					690.00	12.32
			Subtotal	928					26,740.20	28.81

Item numbers correspond to those on Form 7-332.

* See other side.

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.)

		Area	Unit of	Per	Acres	Per Unit		
Crop	Acres	Yield	Total	Average	Maximum	Of Yield	Total	Per Acre
#30 Clover Pasture	22	:Acre	:	:	:	\$10.00	\$220.00	\$10.00
Tame, seeded pasture.	14	:Acre	:	:	:	25.00	350.00	25.00
Other Pasture	20	:Acre	:	:	:	6.00	120.00	6.00
Subtotal	56	:Acre	:	:	:	:	690.00	12.32
#42 Cantaloups	3	:Pound	11,500	3,833	11,500	0.01	115.00	38.33
Carrots	8	:Bushel	757	94.6	600	0.20	151.40	18.92
Eggplant	1	:Bushel	14	14	14	0.38	5.32	5.32
Lettuce	93	:Pound	323,375	3,477	10,000	0.15	4,850.62	52.16
Melons	16	:Pound	174,000	10,875	20,000	0.005	870.00	54.38
Onions, Green	1	:Pound	12,000	12,000	12,000	0.05	600.00	600.00
Peas, Green	6	:Bushel	1,000	167	313	1.10	1,100.00	183.33
Popcorn	20	:Bushel	120	6	29	1.40	168.00	8.40
Potatoes	3	:Bushel	84	28	36	0.25	21.00	7.00
Spinach	63	:Bushel	13,653	217	450	0.15	2,047.95	32.51
Squash	12	:Ton	65	5.4	6	3.00	195.00	16.25
Turnips	2	:Bushel	161	80.5	107	0.40	64.40	32.20
Subtotal	228	:	:	:	:	:	10,188.69	44.69
#49 Apricots	20	:Pound	77,450	3,872	13,500	0.0225	1,742.62	87.13
to Berries	87	:Pound	354,194	4,071	10,800	0.08	28,335.52	324.70
#52 Cherries	157	:Pound	181,810	1,158	4,000	0.08	14,544.80	92.64
Grapes	116	:Pound	754,720	6,506	12,000	0.012	9,056.64	78.07
Plums	1	:Pound	--	--	--	0.02	--	--
Subtotal	381	:Pound	1,368,174	3,591	13,500	0.0392	53,679.58	140.89

IRRIGATED - NO CROP HARVESTED

	<u>acres</u>		<u>acres</u>		<u>acres</u>
Oats	9	Lettuce	2	Apricots	12
Wheat	2	Melons	2	Berries	29
Alfalfa Hay	68	Peas Green	1	Cherries	29
Other Hay	3	Tomatoes	7	Grapes	8
Beans, comm'l	2	Apples	71	Plums	8
Onions, Dry	4	Peaches	10	Soil Improvement	405
Asparagus	125	Pears	25	Total	827
Cantaloups	2	Prunes	10		

3117 lbs per acre

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	3	Bushel	90	30	90	\$1.80	162.00	\$54.00	
		32. Onions, dry	6	Bushel	533	88.8	300	0.35	186.55	31.09	
		33. Potatoes, white	672	Bushel	120,587	179	500	0.35	42,254.5	62.81	
		34. Potatoes, sweet		Bushel							
		35. Gardens	26	Bushel				100.00	2,600.00	100.00	
		36. Truck ⁷ asparagus	374	Bushel	1,165,918	3,117	12,000	0.05	58,295.90	155.87	
		to ⁷ Tomatoes	98	Bushel	11,234	115	679	0.90	10,110.60	103.17	
	42. ⁷ Other *	228	Bushel					10,188.69	44.69		
	Subtotal		1,407					123,749.19	87.95		
	Fruits and Nuts	43. Apples	130	Pound	640,950	4,930	30,000	0.004	2,563.80	19.72	
		44. Peaches	20	Pound	20,750	1,038	4,000	0.02	415.00	20.75	
		45. Pears	36	Pound	22,250	618	4,000	0.01	222.50	6.18	
		46. Prunes	13	Pound	26,833	2,064	15,000	0.015	402.50	30.96	
		47, 48. Citrus fruit		Pound							
		49-52. Small fruit *	381	Pound	1,368,174	3,591	13,500	0.039	53,679.58	140.89	
		53. Almonds		Pound							
	54, 55. Miscellaneous ⁸		Pound								
	Subtotal		580	Pound	2,078,957	3,584	30,000	0.0275	57,283.38	98.76	
	Miscellaneous	56. Sugar beets	78	Ton	677	8.7	15				
		57. Cotton, lint		Bale							
		58. Cotton, seed		Ton							
		59. Other ⁹ asparagus Plants	5	acre				500.00	2,500.00	500.00	
		60, 61 ⁹									
	Subtotal		83					2,500.00	500.00		
	Soil Im- prove- ment	62. Soil-building crops	162	Total value (sum of items 1 to 61, inclusive)					\$	213,183	
		63. Fallowed land	243	Additional revenues received (see reverse hereof)					\$	1,403	
		Subtotal	405	Total and average gross value per acre ¹⁰					\$	214,586	\$ 66.60
	Total acreage reported		3,571	Value	IRRIGABLE AREAS BY FEATURES			ACRES	FARMS	PERCENT OF PROJECT	
Less duplicated areas		349	Total area irrigated			3,252	191	81.3			
Net area in cultivation		3,222									
Net area in cultivation		3,222	\$ ¹¹	Area irrigable but not irrigated:			637	37	15.9		
Less fallowed, not irrigated				(a) Idle (see "B" page 4 of Form 7-332)							
Irrigated area (classes 1-4)		3,222		(b) Temporarily suspended ¹²							
Temporarily suspended area irrigated (from separate cards class 5)		--		(c) Buildings, yards, highways, rights-of-way			111	-	2.8		
Total area irrigated Subtotal		3,222		(d) Dry farmed							
				Grand total irrigable of project or division			4,000	228	100.0		

⁷, ⁸, and ⁹, see footnotes, page 1. Lawns 30
¹⁰ Average computed on "net area in cultivation."

Total area irrigated 3,252

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) * See back of Sheet 1.