

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION

CROP YIELD REPORT  
7-316  
(April 1937)

In 1937 -

Acres 3222

Crop \$214,586

Av. Acre \$66.60

Year of 19 38

Water user or project

YAKIMA - KENNEWICK (KENNEWICK HIGHLANDS)

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	74	Bushel	1,638	22.1	25	\$0.44	\$720.72	\$ 9.74
	2. Corn	79	Bushel	2,303	29.2	60	0.50	1,151.50	14.58
	3. Oats		Bushel						
	4. Rye		Bushel						
	5. Wheat	50	Bushel	1,378	27.6	32	0.50	689.00	13.78
	6. Other <sup>1</sup>		Bushel						
	Subtotal	203	Bushel	5,319	26.2	60	\$ 0.482	\$ 2,561.22	\$ 12.62
Seed	7. Alfalfa		Bushel						
	8. Clover		Bushel						
	9. Other <sup>2</sup> Beans	11	Bushel	-	-	-	-	-	-
	to <sup>2</sup> Peas	2	Bushel	124	62.0	62	\$ 1.65	\$ 204.60	\$ 102.30
	14. <sup>2</sup>		Bushel						
	Subtotal	13	Bushel	124	9.5	62	\$ 1.65	\$ 204.60	\$ 15.74
Hay and Forage	15. Alfalfa	629	Ton	2,329	3.7	8	\$ 9.00	20,961.00	33.32
	16. Bluejoint and timothy		Ton						
	17. Other hay <sup>3</sup>	32	Ton	64	2.0	6	8.00	512.00	16.00
	18. Corn fodder <sup>4</sup>	82	Ton	457	5.6	8	5.00	2,285.00	27.87
	19. Other forage <sup>5</sup> Beet tops	29	Ton	205	7.1	9	0.75	153.75	5.30
	to <sup>5</sup>		Ton						
	23. <sup>5</sup>		Ton						
	24. Carrots, mangels		Ton						
	25. Pasture <sup>6</sup> Alfalfa	41	Acre				10.00	410.00	10.00
	to <sup>6</sup> Clover	26	Acre				15.00	390.00	15.00
	30. <sup>6</sup> Other *	55	Acre				12.51	688.00	12.51
	Subtotal	894	Acre					\$25,399.75	\$ 28.41

Item numbers correspond to those on Form 7-332.

\* See other side.

<sup>1</sup> For remaining grain crops. See note <sup>1</sup> page 3, Form 7-332.<sup>2</sup> 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.<sup>3</sup> See note <sup>3</sup>, page 3, Form 7-332.<sup>4</sup> See note <sup>4</sup>, page 3, Form 7-332.<sup>5</sup> 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.<sup>6</sup> List two most important pastures, like ladino, tame, and alfalfa. Use item 30 for sum total of remaining pastures.<sup>7</sup> List two most important truck crops, like lettuce, tomatoes, or cabbage. Use item 42 for sum total of other remaining truck crops.<sup>8</sup> Includes all other nuts.<sup>9</sup> 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.)



Crop	Area : Acres	Unit of : Yield	Total	Per Acre		Per Unit : Of Yield	Total	Per Acre
				Average	Maximum			
#30 Natural Pasture	25	Acre				\$10.00	\$250.00	10.00
Tame seeded pasture	16	Acre				25.00	400.00	25.00
Stubble pasture	8	Acre				1.00	8.00	1.00
Other pasture	6	Acre				5.00	30.00	5.00
Subtotal	55	Acre					688.00	12.51
#42 Carrots	1	Bushel	400	400	400	0.50	200.00	200.00
Melons	7	Pound	-	-	-	-	-	-
Peas, green	14	Bushel	1,050	75	83.3	0.90	945.00	67.50
Popcorn	4	Pound	2,120	530	2,000	0.02	42.40	10.60
Rhubarb	1	Pound	40,000	40,000	40,000	0.01	400.00	400.00
Spinach	69	Pound	248,600	3,603	10,000	0.0075	1,864.50	27.02
Squash	2	Pound	5,400	2,700	8,000	0.01	540.00	270.00
Sweet Corn	1	Bushel	-	-	-	-	-	-
Tomatoes	83	Bushel	2,905	35	222	0.45	1,307.25	15.75
Turnips	5	Bushel	918	184	218	0.55	504.90	100.98
Subtotal	187	Acre	-	-	-	-	5,804.05	31.04
#49 Apricots	8	Pound	31,700	3,962	20,000	0.0175	554.75	69.34
to Berries	108	Pound	425,090	3,936	9,900	0.060	25,505.40	236.16
#52 Cherries	159	Pound	621,300	3,908	18,400	0.020	12,426.00	78.15
Grapes	206	Pound	1,260,243	6,118	15,000	0.0125	15,753.04	76.47
Plums	1	Pound	12,250	12,250	12,250	0.0125	153.12	153.12
Subtotal	482	Pound	2,350,583	4,877	20,000	0.0231	54,392.31	112.85

# IRRIGATED - NO CROP HARVESTED

Acres		Acres		Acres	
Bean seed	11	Spinach	17	Prunes	31
Alfalfa Hay	45	Sweet Corn	1	Apricots	4
Potatoes, white	18	Tomatoes	38	Berries	30
Asparagus	96	Apples	42	Cherries	14
Lettuce	7	Peaches	6	Grapes	94
Melons	7	Pears	2	Fallowed	129
TOTAL				592	



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		Bushel											
		32. Onions, dry	27	Bushel	15,122	560	766	\$ 0.30	\$ 4,536.60	\$ 168.02					
		33. Potatoes, white	718	Bushel	93,436	130	400	0.40	37,374.40	52.05					
		34. Potatoes, sweet		Bushel											
		35. Gardens	15	Bushel Acre				100.00	1,500.00	100.00					
		36. Truck <sup>7</sup> Asparagus	468	Bushel	Lb. 1,055,778	2,256	20,000	0.045	47,510.01	101.52					
		to <sup>7</sup> Lettuce	88	Bushel	Lb. 582,525	6,620	9,000	0.0175	10,194.19	115.84					
		42. <sup>7</sup> Other *	187	Bushel Acre				31.04	5,804.05	31.04					
		Subtotal	1,503	Acre	-	-	-	-	106,919.25	71.14					
	Fruits and Nuts	43. Apples	89	Pound	491,000	5,517	26,000	0.010	4,910.00	55.17					
		44. Peaches	23	Pound	66,000	2,870	16,000	0.030	1,980.00	86.09					
		45. Pears	15	Pound	77,800	5,187	9,990	0.004	311.20	20.75					
		46. Prunes	34	Pound	38,300	1,126	20,000	0.015	574.50	16.90					
		47, 48. Citrus fruit		Pound											
		49-52. Small fruit *	482	Pound	2,350,583	4,877	20,000	0.0231	54,392.31	112.85					
		53. Almonds		Pound											
		54, 55. Miscellaneous <sup>8</sup>		Pound											
		Subtotal	643	Pound	3,023,683	4,702	26,000	0.0206	62,168.01	96.68					
	Miscellaneous	56. Sugar beets	141	Ton	1,921	13.6	20	4.25	8,164.25	57.90					
		57. Cotton, lint		Bale											
		58. Cotton, seed		Ton											
		59. Other <sup>9</sup> Asparagus Plants	5	Acre				200.00	1,000.00	200.00					
		60, 61 <sup>9</sup>													
		Subtotal	146	Acre					9,164.25	62.77					
Soil Im- prove- ment	62. Soil-building crops		129	Total value (sum of items 1 to 61, inclusive).....					\$ 206,417						
	63. Fallowed land		149						Additional revenues received (see reverse hereof).....					\$ 1,930	
	Subtotal		278						Total and average gross value per acre <sup>10</sup> .....					\$ 208,347	\$ 61.53
Total acreage reported			3,680	IRRIGABLE AREAS BY FEATURES						ACRES	FARMS	PERCENT OF PROJECT			
Less duplicated areas			294												
Net area in cultivation			3,386	Total area irrigated						3,293	201	82.4			
Net area in cultivation			3,386							Area irrigable but not irrigated:					
Less fallowed, not irrigated			149	(a) Idle (see "B" page 4 of Form 7-332).....											
Irrigated area (classes 1-4)			3,237							(b) Temporarily suspended <sup>12</sup> Fallowed					
Temporarily suspended area irrigated				(c) Buildings, yards, highways, rights-of-way											
(from separate cards class 5)										(d) Dry farmed					
Total area irrigated Subtotal			3,237	Grand total irrigable of project or division											



## 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 <sup>1</sup>	YEAR <sup>2</sup>	ACREAGE OR TONNAGE <sup>2</sup>	UNIT ON WHICH BASED	PAYMENTS			
				PER UNIT	FEDERAL <sup>3</sup>	FACTORY <sup>4</sup>	TOTAL
Soil Conservation	1937				\$1,300.00		\$1,300.00
Sugar Beets	1937				440.00		440.00
Sugar Beets	1937	677	Ton	0.2805		\$189.90	189.90
					TOTAL		\$1,929.90

<sup>1</sup> 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.

<sup>2</sup> Designate year and acreage or tonnage to which each payment applied.

<sup>3</sup> Payments from Government under Agricultural Conservation program.

<sup>4</sup> 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
Barley	31	Asparagus	6
Corn	5	Lettuce	26
Alfalfa Hay	30	Peas, green	11
Corn Fodder	6	Spinach	46
Beet Tops	29	Tomatoes	4
Onions, dry	6	Soil building	24
Potatoes, white	70		
		TOTAL	294

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