

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 42

CROP		AREA (Acres)	UNIT OF YIELD	YIELDS			VALUES		
				TOTAL	PER ACRE		PER UNIT OF YIELD	TOTAL	PER ACRE
					Average	Maximum			
Cereals	1. Barley	19	Bushel	740	38.9	44.0	0.72	533	28.05
	2. Corn	17	Bushel	780	45.9	60.0	0.85	663	39.00
	3. Oats	4	Bushel	100	25.0	25.0	0.48	48	12.00
	4. Rye		Bushel						
	5. Wheat	26	Bushel	795	30.6	42.5	1.00	795	30.58
	6. Other <sup>1</sup>		Bushel						
	Subtotal	66	Bushel	2,415	36.6	60.0		2,039	30.89
	7. Alfalfa		Bushel						
	8. Clover		Bushel						
	9. Other <sup>2</sup> Peas	60	Bushel	685	11.4	44.0	2.45	1,678	27.97
Seed	to <sup>2</sup>		Bushel						
	14. <sup>2</sup>		Bushel						
	Subtotal	60	Bushel	685	11.4	44.0	2.45	1,678	27.97
Hay and Forage	15. Alfalfa	411	Ton	1,521	3.7	11.1	12.50	19,013	46.26
	16. Bluejoint and timothy	4	Ton	6	1.5	1.5	11.00	66	16.50
	17. Other hay <sup>3</sup>	42	Ton	75	1.8	2.0	11.00	825	19.64
	18. Corn fodder <sup>4</sup>	36	Ton	168	4.7	6.0	6.00	1,008	28.00
	19. Other forage <sup>5</sup>		Ton						
	to <sup>5</sup>		Ton						
	23. <sup>5</sup>		Ton						
	24. Carrots, mangels		Ton						
	25. Pasture <sup>6</sup> Tame Seeded	80	Acre				22.00	1,760	22.00
	to <sup>6</sup> " Natural	41	Acre				12.00	492	12.00
Hay and Forage	30. <sup>6</sup> " * Miscellaneous	43	Acre				14.37	618	14.37
	Subtotal	657	Acre					23,782	36.20

Item numbers correspond to those on Form 7-332.

\* See back of this sheet.

<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.)



ITEM	CROP KIND	AREA (Acres)	UNIT OF YIELD	TOTAL	PER ACRE Average	PER ACRE Maximum	PER UNIT OF YIELD	TOTAL	PER ACRE
25	Pasture, Alfalfa	14	Acre				\$12.00	\$ 168	\$ 12.00
to	" , Clover	20	Acre				20.00	400	20.00
30	" , Other	9	Acre				5.50	50	5.50
"	Subtotal	43	Acre					618	14.37
	Cantaloups	8	Pound	48,425	6,053	9,750	0.02	968	121.00
36	Lettuce	52	Pound	468,000	9,000	9,000	0.03	14,040	270.00
	Lima Beans	158	Pound	237,240	1,502	1,848	0.04	9,490	60.06
	Melons	10	Pound	40,000	4,000	4,000	0.015	600	60.00
to	Paprika	2	Pound	-	-	-	-	-	-
	Spinach	4	Pound	14,550	3,637	3,850	0.015	218	54.50
	Tomatoes	64	Bushel	18,047	128	514	0.90	16,242	253.78
42	Turnips	1	Bushel	100	100	100	1.50	150	150.00
	Subtotal	299	Acre					41,708	139.49
49	Apricots	13	Pound	77,420	5,955	10,133	0.025	1,936	148.92
	Berries	19	Pound	66,540	3,502	8,000	0.10	6,654	350.21
to	Cherries	168	Pound	990,632	5,897	13,267	0.08	79,251	471.73
	Grapes	459	Pound	4,655,495	10,143	23,000	0.015	69,832	152.14
52	Plums	1	Pound	10,000	10,000	10,000	0.03	300	300.00
	Subtotal	660	Pound	5,800,087	8,788	23,000	0.027	157,973	239.35

INVESTIGATION (MEMORANDUM HIGHWAYS)

BUREAU OF GEOGRAPHICAL  
DEPARTMENT OF THE INTERIOR  
UNITED STATES

1-10  
1200 FIELD WORK



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	Bushel	14,170	322	700	\$ 1.00	\$ 14,170	\$ 322.05	
		33. Potatoes, white	Bushel	50,352		300	1.10	55,387	179.83	
		34. Potatoes, sweet	Bushel							
		35. Gardens	Bushel	7			112.86	790	112.86	
		36. Truck <sup>7</sup> Asparagus	Bushel	789	2,154,250	10,000	0.055	118,484	150.17	
		to <sup>7</sup> Peas, green	Bushel	166	177,500	1,069	2,400	0.045	7,988	48.12
		42. <sup>7</sup> Other *	Bushel	299				41,708	139.49	
		Subtotal		1,613				238,527	147.88	
	Fruits and Nuts	43. Apples	Pound	52	282,400	3,220	18,000	0.025	7,060	135.77
		44. Peaches	Pound	31	100,640	3,246	11,500	0.03	3,019	97.39
		45. Pears	Pound	8	58,625	7,328	15,000	0.025	1,466	183.25
		46. Prunes	Pound	69	175,660	2,546	12,000	0.03	5,270	76.38
		47, 48. Citrus fruit	Pound							
		49-52. Small fruit	Pound	660	5,800,087	8,788	23,000	0.027	157,973	239.35
		53. Almonds	Pound							
		54, 55. Miscellaneous <sup>8</sup>	Pound							
		Subtotal		820	6,417,412	7,826	23,000	0.027	174,788	213.16
	Miscellaneous	56. Sugar beets	Ton							
		57. Cotton, lint	Bale							
		58. Cotton, seed	Ton							
		59. Other <sup>9</sup> Mint	Pound	287	12,731	44.4	100	4.65	59,199	206.27
		60, 61 <sup>9</sup> Asparagus Plants	Acre	1				300.00	300	300.00
		Subtotal		288					59,499	206.59
Soil Im- prove- ment		62. Soil-building crops		361	Total value (sum of items 1 to 61, inclusive)			\$ 500,313		
		63. Fallowed land		242	Additional revenues received (see reverse hereof)			\$ 6,049		
		Subtotal		603	Total and average gross value per acre <sup>10</sup>			\$ 506,362	\$ 139.72	
Total acreage reported		4,107		IRRIGABLE AREAS BY FEATURES			ACRES	FARMS	PERCENT OF PROJECT	
Less duplicated areas		483		Total area irrigated			3,411	193	85.2	
Net area in cultivation		3,624		Area irrigable but not irrigated:						
Net area in cultivation		3,624	Value	(a) Idle (see "B" page 4 of Form 7-332)			162	9	4.1	
Less fallowed, not irrigated		223		(b) Temporarily suspended <sup>12</sup>						
Irrigated area (classes 1-4)				(c) Buildings, yards, highways, rights-of-way			204		5.1	
Temporarily suspended area irrigated (from separate cards class 5)			\$ <sup>11</sup>	(d) Dry farmed Fallowed, not irrigated			223		5.6	
Total area irrigated		3,401		Grand total irrigable of project or division			4,000	202	100.0	

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

Total area irrigated 3,411

<sup>11</sup> Value not to be included in total value used for determining average gross acre income.<sup>12</sup> To be assembled from separate cards for Class 5 lands.

\* See back of Sheet 1.

(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 <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
Sugar Beets	1941	290	Ton		548.10	\$ 429.20	\$ 977.30
Soil Conservation	1941				3,555.67		3,555.67
Soil Conservation	1942				1,516.35		1,516.35
			<b>TOTALS</b>		<b>\$5,620.12</b>	<b>\$ 429.20</b>	<b>\$6,049.32</b>

<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
Alfalfa Hay	4	Lima Beans	130
Asparagus	6	Potatoes	24
Corn Fodder	6	Soil Building	259
Lettuce	54	<b>TOTAL</b>	<b>483</b>

U. S. GOVERNMENT PRINTING OFFICE

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