

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 45

CROP		AREA (Acres)	UNIT OF YIELD	YIELDS			VALUES		
ITEM	KIND			TOTAL	PER ACRE		PER UNIT OF YIELD	TOTAL	PER ACRE
					Average	Maximum			
Cereals	1. Barley		Bushel						
	2. Corn	20	Bushel	1,034	51.7	80	\$ 1.20	\$ 1,241	\$ 62.05
	3. Oats	1	Bushel	25	25.0	25	0.75	19	19.00
	4. Rye		Bushel						
	5. Wheat	9	Bushel	250	27.7	35	1.35	338	37.56
	6. Other <sup>1</sup>		Bushel						
	Subtotal	30	Bushel	1,309	43.6	80	\$ 1.22	\$ 1,598	\$ 53.27
Seed	7. Alfalfa		Bushel						
	8. Clover		Bushel						
	9. Other <sup>2</sup>		Bushel						
	to <sup>2</sup> Peas	5	Bushel	15	3.0	3	2.40	36	7.20
	14. <sup>2</sup>		Bushel						
	Subtotal	5	Bushel	15	3.0	3	2.40	36	7.20
Hay and Forage	15. Alfalfa	449	Ton	1,846	4.1	8	18.75	34,613	77.09
	16. Bluejoint and timothy		Ton						
	17. Other hay <sup>3</sup>	24	Ton	43	1.8	3	15.00	645	26.87
	18. Corn fodder <sup>4</sup>	1	Ton	5	5.0	5	8.00	40	40.00
	19. Other forage <sup>5</sup> Cornstocks	6	Ton	25	4.2	5	5.00	125	20.83
	to <sup>5</sup>		Ton						
	23. <sup>5</sup>		Ton						
	24. Carrots, mangels		Ton						
	25. Pasture <sup>6</sup> Natural	75	Acre					3,335	44.47
	to <sup>6</sup> Clover	51	Acre					3,110	60.98
	30. <sup>6</sup> *Miscellaneous	69	Acre					3,589	52.01
	Subtotal	675	Acre					\$ 45,457	\$ 67.34

Item numbers correspond to those on Form 7-332.

<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.)

\*See back of this sheet.



ITEM:	C R O P KIND	AREA (ACRES)	UNIT OF YIELD	TOTAL	PER ACRE AVERAGE	PER UNIT MAXIMUM	PER ACRE OF YIELD	TOTAL	PER ACRE
30	Alfalfa pasture	12	Acre						
	Other pasture	24	Acre					\$ 535	\$ 44.58
	Tame seeded past.	33	Acre					634	26.42
	Sub-total	69	Acre					2,420	73.33
								\$ 3,589	\$ 52.01
36	Cantaloupes	10	Pound	51,960	5,196	18,000	\$ 0.03	\$ 1,559	\$ 155.90
to	Spinach	8	Bushel	7,424	928	1,100	0.55	4,083	510.37
42	Tomatoes	10	Bushel	2,098	210	277	1.50	3,147	314.70
	Sub-total	28	Acre					\$ 8,789	\$ 313.89
	Apricots	38	Pound	31,000	816	2,000	0.07	\$ 2,170	\$ 57.11
40	Berries	10	Pound	1,040	104	520	0.20	208	20.80
to	Cherries	174	Pound	1,018,500	5,853	18,000	0.15	152,775	878.02
52	Grapes	237	Pound	1,598,457	6,745	40,000	0.03	47,954	202.34
	Plums	4	Pound	29,400	7,350	15,000	0.07	2,058	514.50
	Sub-total	463	Pound	2,678,397	5,785	40,000	\$ 0.0766	\$ 205,165	\$ 443.12

# IRRIGATED - NO CROP HARVESTED

	Acres		Acres
Alfalfa Hay	10	Gardens	17
Apples	8	Grapes	100
Apricots	32	Lettuce	1
Asparagus	178	Other Hay	2
Berries	8	Peaches	23
Cantaloupes	6	Pears	11
Cherries	26	Prunes	37
Corn	1	TOTAL	460

AVENUE - HENNING (HENNING HIGHWAYS)

BUREAU OF AGRICULTURE  
DEPARTMENT OF THE INTERIOR  
UNITED STATES

UNITED STATES



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		Bushel						
	32. Onions, dry	16	Bushel	4,194	262	750	\$ 1.50	\$ 6,291	\$ 393.19
	33. Potatoes, white	85	Bushel	13,030	153	330	1.10	14,333	168.62
	34. Potatoes, sweet		Bushel						
	35. Gardens	73	Bushel						
	36. Truck <sup>7</sup> Asparagus	930	Bushel	2,986,000	3,211	9000	0.09	5,660	77.53
	to <sup>7</sup> Lettuce	16	Bushel	84,500	5,281	19500	0.035	268,740	288.97
	42. <sup>7</sup> *Miscellaneous	28	Bushel					2,958	184.87
								8,789	313.89
		Subtotal	1,148	Acre				\$306,771	\$267.22
Fruits and Nuts	43. Apples	34	Pound	134,800	3,965	7000	0.065	5,660	77.53
	44. Peaches	42	Pound	191,380	4,557	16000	0.065	268,740	288.97
	45. Pears	28	Pound	153,400	5,478	24000	0.045	2,958	184.87
	46. Prunes	81	Pound	217,500	2,685	12000	0.045	8,789	313.89
	47, 48. Citrus fruit		Pound						
	49-52. Small fruit	463	Pound	2,678,397	5,785	40000	0.0766	5,660	77.53
	53. Almonds		Pound					268,740	288.97
	54, 55. Miscellaneous <sup>8</sup>		Pound					2,958	184.87
	Subtotal	648	Pound	3,375,479	5,209	40000	0.0720	8,789	313.89
Miscellaneous	56. Sugar beets		Ton						
	57. Cotton, lint		Bale						
	58. Cotton, seed		Ton						
	59. Other <sup>9</sup> Mint oil	644	Pound	33,215	51.6	100	5.00	166,075	257.89
	60, 61 <sup>9</sup>								
	Subtotal	644	Pound	33,215	51.6	100	5.00	166,075	257.89
Soil Im- prove- ment	62. Soil-building crops	42	Total value (sum of items 1 to 61, inclusive)					\$ 762,995	
	63. Fallowed land	274	Additional revenues received (see reverse hereof)					\$ 9,887	
	Subtotal	316	Total and average gross value per acre <sup>10</sup>					\$ 772,882	\$ 226.72
Total acreage reported		3,466		IRRIGABLE AREAS BY FEATURES			ACRES	FARMS	PERCENT OF PROJECT
Less duplicated areas		57							
Net area in cultivation		3,409							
Net area in cultivation		3,409	Value	Total area irrigated			3,143	230	74.3
Less fallowed, not irrigated		274		Area irrigable but not irrigated: Pt farms)			58	-	1.4
Irrigated area (classes 1-4)		3,135		(a) Idle (see "B" page 4 of Form 7-332)			564	30	13.3
Temporarily suspended area irrigated				(b) Temporarily suspended <sup>12</sup>					
(from separate cards class 5)				(c) Buildings, yards, highways, rights-of-way			191	-	4.5
Total area irrigated		3,135	\$ <sup>11</sup>	(d) Dry farmed			274	-	6.5
				Grand total irrigable of project or division			4,230	260	100.0

<sup>7</sup>, <sup>8</sup>, and <sup>9</sup>, see footnotes, page 1

Lawns

8

<sup>11</sup> Value not to be included in total value used for determining average gross acre income

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

<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.

(OVER)

GRAND TOTAL IRRIGATED

3,143

\*See back of Sheet 1.



## 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>3</sup>	UNIT ON WHICH BASED	PAYMENTS			
				PER UNIT	FEDERAL <sup>4</sup>	FACTORY <sup>4</sup>	TOTAL
Soil Conservation	1944				9,887		9,887

<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 pasture	10	Other hay	6
Corn	3	Peas	5
Corn stocks	3	Spinach	8
Corn fodder	1	Soil building	15
Mint	6	TOTAL	57

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