

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION

CROP YIELD REPORT  
7-316  
(April 1937)

Water user or project

YAKIMA - TIETON

Year of 1937

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	316	Bushel	13,077	41.4	84.0	\$0.57	\$7,454	\$23.59
	2. Corn	210	Bushel	8,602	41.0	90.0	0.75	6,452	30.72
	3. Oats	195	Bushel	9,847	50.5	100.0	0.37	3,643	18.68
	4. Rye	16	Bushel	245	15.3	30.0	0.80	196	12.25
	5. Wheat	512	Bushel	15,450	30.2	75.0	0.75	11,588	22.63
	6. Other <sup>1</sup>		Bushel						
	Subtotal	1,249	Bushel	47,221	37.4	100.0	0.62	29,333	23.46
Seed	7. Alfalfa		Bushel						
	8. Clover		Bushel						
	9. Other <sup>2</sup> Peas	25	Bushel	506	20.2	38.8	1.20	607	24.29
	to <sup>2</sup> Flax	8	Bushel	100	12.5	12.5	1.70	170	21.25
	14. <sup>2</sup> Sunflower	1	Bushel	47	47.0	47.0	2.25	106	106.00
	Subtotal	34	Bushel	653	19.2	47.0	1.35	883	25.97
Hay and Forage	15. Alfalfa	2,584	Ton	6,354	2.5	5.7	10.00	66,540	24.59
	16. Bluejoint and timothy	5	Ton	13	2.6	3.0	12.50	163	32.60
	17. Other hay <sup>3</sup>	366	Ton	604	1.6	5.3	8.00	4,832	13.20
	18. Corn fodder <sup>4</sup>	69	Ton	423	6.1	19.2	8.00	3,384	49.04
	19. Other forage <sup>5</sup> Straw	55	Ton	34	0.6	1.0	1.50	51	0.93
	to <sup>5</sup>		Ton						
	23. <sup>5</sup> Cornstalks	10	Ton	28	2.8	2.8	1.00	28	2.80
	24. Carrots, mangels	1	Ton	10	10.0	10.0	6.00	60	60.00
	25. Pasture <sup>6</sup> Natural	1,390	Acre				5.00	6,950	5.00
	to <sup>6</sup> " Tame	596	Acre				12.00	7,152	12.00
	30. <sup>6</sup> " Others X	412	Acre				11.69	4,818	11.69
	Subtotal	5,488						\$90,978	\$16.58

Item numbers correspond to those on Form 7-332.

X See back of page.

<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.)



		Unit		YIELD		VALUES		
CROPS	Area (Acres)	of Field	Total	Per Acre Aver.	Max.	Per Unit Of Yield	Total	Acre
#30 Alfalfa Pasture	144	Acre				\$15.00	\$2,160	\$15.00
Clover Pasture	11	Acre				8.00	88	8.00
Stubble Pasture	79	Acre				10.00	790	10.00
Other Pasture	178	Acre				10.00	1,780	10.00
Subtotal	412	Acre				11.69	4,818	11.69
#42 Rutabagas	1	Bushel	360	360	360	0.25	90	90.00
Parsnips	1	"	160	160	160	0.62	99	99.00
Asparagus	1	Pound	3,315	3,315	3,315	0.054	179	179.00
Subtotal	3	Acre					368	122.67
#49 Apricots	1,014	Pound	9,161,800	9,035	37,000	0.0150	137,427	135.53
to Cherries	557	Pound	1,138,073	2,045	24,000	0.058	66,008	118.51
#52 Berries	6	Pound	3,792	632	7,680	0.08	303	50.50
Crab Apples	28	Pound	222,500	7,946	23,400	0.0125	2,701	99.52
Grapes	8	Pound	39,850	4,981	12,000	0.012	478	59.75
Subtotal	1,613	Pound	10,566,015	6,551	37,000	0.0196	206,997	128.25

#### DUPLICATED AREAS

Acres		Acres	
Barley	43	Beans, commercial	1
Corn	11	Potatoes, white	22
Cats	10	Gardens	3
Wheat	18	Popcorn	25
Alfalfa Hay	330	Apples	7
Timothy Hay	1	Peaches	564
Other Hay	49	Pears	2,584
Corn Fodder	9	Prunes	53
Straw	55	Crab Apples	3
Corn Stalks	9	Apricots	236
Alfalfa Pasture	101	Berries	1
Stubble Pasture	74	Cherries	89
Seeded Pasture	2	Total	4,100

#### MISCELLANEOUS - CROF FAILURE

Acres	
Cherries	76
Potatoes, white	3
Berries	1
Hops	10
Total	90



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	1	Bushel	8	8.0	8.0	31.71	314	\$14.00
		32. Onions, dry	3	Bushel	3,306	423.0	614.0	0.50	1,693	211.62
		33. Potatoes, white	264	Bushel	48,509	186.8	667.0	0.30	14,793	56.03
		34. Potatoes, sweet		Bushel						
		35. Gardens	70	Bushel Acre				100.00	7,000	100.00
		36. Truck <sup>7</sup> Popcorn	185	Bushel	6,247	33.8	71.4	1.68	10,495	56.73
		to <sup>7</sup> Squash	6	Bushel Ton	36	6.0	12.0	5.00	180	30.00
		42. <sup>7</sup> Other Truck Crops	X 3	Bushel Acre					366	122.67
		Subtotal	537						54,543	64.33
	Fruits and Nuts	43. Apples	13,300	Pound	251,279,616	18,893	64,199	0.005	1,256,398	94.47
		44. Peaches	1,650	Pound	12,607,128	7,641	43,200	0.025	315,178	191.02
		45. Pears	5,363	Pound	48,419,500	9,028	48,000	0.01	484,195	90.28
		46. Prunes	215	Pound	2,021,400	9,402	32,000	0.012	24,257	112.82
		47, 48. Citrus fruit		Pound						
		49-52. Small fruit X	1,613	Pound	10,566,015	6,551	37,000	0.0196	206,997	128.25
		53. Almonds		Pound						
	54, 55. Miscellaneous <sup>8</sup>		Pound							
	Subtotal	22,141	Pound	324,893,659	14,674	64,199	0.007	2,287,025	105.29	
	Miscellaneous	56. Sugar beets	12	Ton	130	10.8	10.8	5.00	650	54.17
		57. Cotton, lint		Bale						
58. Cotton, seed			Ton							
59. Other <sup>9</sup> Hops		63	Pound	99,500	1,579	2,140	0.18	17,910	284.28	
60, 61 <sup>9</sup> Nursery		6	Acre				800.00	4,800	800.00	
Subtotal	81						23,360	288.40		
Soil Im- prove- ment	62. Soil-building crops		Total value (sum of items 1 to 61, inclusive)						\$ 2,466,122	
	63. Fallowed land		Additional revenues received (see reverse hereof)						\$ 4,538	
	Subtotal		Total and average gross value per acre <sup>10</sup>						\$ 2,470,460	\$ 97.15
Total acreage reported			29,530	Value	IRRIGABLE AREAS BY FEATURES			ACRES	FARMS	PERCENT OF PROJECT
Less duplicated areas			4,100		Total area irrigated			25,650	1,359	86.9
Net area in cultivation			25,430		Area irrigable but not irrigated:					
Net area in cultivation			25,430	\$ <sup>11</sup>	(a) Idle (see "B" page 4 of Form 7-332)			3,020	24	10.2
Less fallowed, not irrigated					(b) Temporarily suspended <sup>12</sup>					
Irrigated area (classes 1-4)			25,430		(c) Buildings, yards, highways, rights-of-way			867		2.9
Temporarily suspended area irrigated (from separate cards class 5)					(d) Dry farmed					
Total area irrigated Subtotal			25,430		Grand total irrigable of project or division			29,537	1,383	100.0

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

Lawns, flower gardens, etc. 220

Total area irrigated 25,650

<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 preceding page.(OVER) Total area in yards, rights of way,  
etc., - 1,087 acres.



## 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>3</sup>	FACTORY <sup>4</sup>	TOTAL
Diversion of acreage and soil building	1936				\$4,338		\$4,338

<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.)

U. S. GOVERNMENT PRINTING OFFICE 6-7256