

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION

CROP YIELD REPORT  
7-316  
(April 1937)

Water user or project

YAKIMA - TIETON

Year of 1942

CROP		AREA (Acres)	UNIT OF YIELD	YIELDS			VALUES		
				TOTAL	PER ACRE		PER UNIT OF YIELD	TOTAL	PER ACRE
					Average	Maximum			
Cereals	1. Barley	241	Bushel	16,500	68.5	101	.73	12,045	49.98
	2. Corn	120	Bushel	3,934	32.8	125	.95	3,737	31.14
	3. Oats	162	Bushel	8,612	53.3	67	.55	4,753	29.34
	4. Rye	6	Bushel	171	28.5	40	.75	128	21.33
	5. Wheat	259	Bushel	7,756	29.9	62	1.10	8,532	32.94
	6. Other		Bushel						
	Subtotal	788	Bushel	37,003	47.0	125	.79	29,195	37.05
Seed	7. Alfalfa		Bushel						
	8. Clover		Bushel						
	9. Other <sup>2</sup> Pea	5	Bushel	166	33.2	33.2	2.45	407	81.40
	14. Orchard Grass	7	Bushel	8	1.1	1.1	4.20	34	4.86
	Subtotal	12	Bushel	174	14.5	33.3	2.53	441	36.75
Hay and Forage	15. Alfalfa	2,115	Ton	5,290	2.5	10.0	15.00	79,350	37.52
	16. Bluejoint and timothy	27	Ton	69	2.6	5.0	15.00	1,035	38.33
	17. Other hay <sup>3</sup>	336	Ton	580	1.7	5.0	11.00	6,380	18.99
	18. Corn fodder <sup>4</sup>	85	Ton	736	8.7	18.8	7.00	5,152	60.61
	19. Other forage <sup>5</sup> Straw	494	Ton	444	0.9	3.0	3.00	1,332	2.70
	23. Cornstalks	30	Ton	45	1.5	10.0	2.00	90	3.00
	24. Carrots, mangels		Ton						
	25. Pasture <sup>6</sup> Tame Seeded	1,991	Acre				17.53	34,911	17.53
	30. Natural	518	Acre				13.56	7,025	13.56
	30. Miscellaneous	266	Acre				9.00	2,395	9.00
	Subtotal	5,862	Acre				23.48	137,670	23.48

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.

\*See back of Sheet.

<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	C R O P Kind	Area Acres	Unit of Yield	Total	Per Acre		Per Unit of Yield	Total	Per Acre
					Average	Maximum			
30	Alfalfa Pasture	33	Acre				22.42	740	22.42
	Clover Pasture	25	Acre				17.60	440	17.60
	Stubble Pasture	196	Acre				5.46	1,070	5.46
	Other Pasture	12	Acre				12.08	145	12.08
	Subtotal-----	266	Acre				9.00	2,395	9.00
38	Asparagus	1	Pound	2,000	2,000	2,000	.06	120	120.00
	Beets	3	Pound	100,000	33,333	33,333	.0125	1,250	416.67
	Cabbage	1	Pound	8,000	8,000	8,000	.025	200	200.00
	Carrots	2	Bushel	1,200	600	800	.60	720	360.00
	Rutabagas	15	Bushel	3,640	243	400	.88	3,203	213.53
42	Squash	11	Pound	100,000	9,091	23,200	.02	2,000	181.82
	Tomatoes	1	Bushel	67	67	67	1.00	67	67.00
	Subtotal-----	34	Acre				222.35	7,560	222.35
49	Apricots	833	Pound	7,215,000	8,661	32,000	.03	216,450	259.84
	Cherries	655	Pound	4,681,012	7,146	45,000	.06	280,861	428.80
	Crabapples	7	Pound	112,000	16,000	16,000	.0225	2,520	360.00
	Grapes	21	Pound	140,077	6,670	10,600	.02	2,802	133.43
	Plums	8	Pound	11,450	1,431	8,640	.06	687	85.88
52	Berries	8	Pound	4,980	622	2,355	.10	498	62.25
	Subtotal-----	1,532	Pound	12,164,519	7,940	45,000	.0414	503,818	326.86
60	Nursery	4	Acre				1,250	5,000	1,250.00
	Flower bulbs	2	Acre				200	400	200.00
61	Subtotal-----	6	Acre				900	5,400	900.00

NOT HARVESTED DUE TO LABOR SHORTAGE

IRRIGATED - NO CROP		Crop		Acres	Unit of Yield	Yield (Est.)
Acres		Acres				
Alfalfa Hay	79	Apricots	27	Barley	3	Bushel 100
Tame Seeded Pasture	8	Cherries	43	Potatoes	32	Bushel 7,422
Apples	567	Plums	2	Peas, Green	35	Pound 90,000
Peaches	197	Berries	4	Apples	60	Pound 1,049,175
Pears	493	Soil Building	2	Peaches	9	Pound 250,000
Prunes	5	Lawn	117	Pears	3	Pound 58,000
				Cherries	3	Pound 8,200
		Total	1,544	Total	145	<u>1,342,197</u>

Total	<u>145</u>
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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	15	Bushel	228	15.2	25	\$ 3.00	\$ 684	\$ 45.60
	32. Onions, dry	3	Bushel	2,380	793.3	1,120	1.10	2,618	872.67
	33. Potatoes, white	316	Bushel	83,366	263.8	633	.75	62,524	197.86
	34. Potatoes, sweet		Bushel						
	35. Gardens	79	Box per Acre				137.78	10,885	137.78
	36. Truck <sup>7</sup> Peas	45	Box per Pound	108,800	2,417.8	2,571	.006	653	14.51
	to <sup>7</sup> Popcorn	31	Bushel	1,107	35.7	42	3.90	4,317	139.26
	42. <sup>7</sup> * Miscellaneous	34	Box per Acre				222.35	7,560	222.35
	Subtotal	523	Acre				170.63	89,241	170.63
	Fruits and Nuts	43. Apples	12,842	Pound	221,359,455	17,237	64,440	.032	7,083,503
44. Peaches		1,619	Pound	16,844,400	10,404	36,000	.03	505,332	312.13
45. Pears		4,976	Pound	62,501,600	12,560	80,000	.0325	2,031,302	408.22
46. Prunes		190	Pound	1,880,140	9,895	27,420	.0225	42,303	222.65
47, 48. Citrus fruit			Pound						
49-52. Small fruit		1,532	Pound	12,164,519	7,940	45,000	.0414	503,818	328.86
53. Almonds			Pound						
54, 55. Miscellaneous <sup>8</sup>			Pound						
Subtotal	21,159	Pound	314,750,114	14,875	80,000	.0323	10,166,258	480.47	
Miscellaneous	56. Sugar beets		Ton						
	57. Cotton, lint		Bale						
	58. Cotton, seed		Ton						
	59. Other <sup>9</sup> Hops	101	Pound	145,000	1,436	1,620	.44	63,800	631.68
	60, 61 <sup>9</sup> * Miscellaneous	6	Acre				900.00	5,400	900.00
Subtotal	107	Acre					69,200	646.73	
Soil Im- prove- ment	62. Soil-building crops	2	Total value (sum of items 1 to 61, inclusive)					\$10,492,005	
	63. Fallowed land		Additional revenues received (see reverse hereof)					\$ 38,449	
	Subtotal	2	Total and average gross value per acre <sup>10</sup>					\$10,530,454	\$ 426.06
Total acreage reported		28,453		IRRIGABLE AREAS BY FEATURES			ACRES	FARMS	PERCENT OF PROJECT
Less duplicated areas		3,737							
Net area in cultivation		24,716	Value	Total area irrigated			24,833	1,341	85.3
Net area in cultivation		24,716		Area irrigable but not irrigated:					
Less fallowed, not irrigated			\$ <sup>11</sup>	(a) Idle (see "B" page 4 of Form 7-332)			3,085	44	10.6
Irrigated area (classes 1-4)		24,716		(b) Temporarily suspended <sup>12</sup>					
Temporarily suspended area irrigated (from separate cards class 5)				(c) Buildings, yards, highways, rights-of-way			1,189	- -	4.1
Total area irrigated - total		24,716		(d) Dry farmed					
				Grand total irrigable of project or division			29,107	1,385	100.0

<sup>7, 8, and 9</sup>, see footnotes, page 1. <sup>117</sup>  
<sup>10</sup> Average computed on "net area in cultivation."  
 Total area irrigated 24,833

<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
Soil Conserv. & Wheat Parity	1941				24,646		24,646
Soil Conserv. & Wheat Parity	1942				13,803		13,803
Totals					38,449		38,449

<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 ~~acres~~ crops and acreages below ~~acres~~

	Acres		Acres		Acres
Barley	26	Corn Fodder	7	Potatoes	40
Corn	10	Straw	487	Gardens	6
Oats	11	Cornstalks	30	Popcorn	3
Wheat	14	Alfalfa Pasture	2	Squash	4
Alfalfa Hay	96	Tame seeded "	1	Apples	20
Timothy Hay	4	Stubble pasture	184	Peaches	248
Other Hay	60	Beans	6	Pears	2130
				Orchard Grass Seed	7
				<b>TOTAL</b>	<b>3737</b>

GOVERNMENT PRINTING OFFICE

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