

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION

CROP YIELD REPORT  
7-316  
(May 1936)

Water user or project

YAKIMA - TIETON

Year of 19 36

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	178	Bushel	8,793	49.4	69.4	0.66	5,803.	32.60	
	2. Corn	146	Bushel	4,769	32.7	60.0	0.80	3,815.	26.13	
	3. Oats	219	Bushel	9,506	43.4	59.5	0.47	4,468.	20.40	
	4. Rye	10	Bushel	178	17.8	17.8	0.80	142.	14.20	
	5. Wheat	696	Bushel	19,459	28.0	37.0	0.84	16,346.	23.49	
	6. Other <sup>1</sup>		Bushel							
	Subtotal	1,249		42,705	34.2	69.4	0.72	30,574.	24.48	
Seed	7. Alfalfa		Bushel							
	8. Clover		Bushel							
	9. Other <sup>2</sup>		Bushel							
	to <sup>2</sup>		Bushel							
	14. <sup>2</sup>		Bushel							
	Subtotal									
Hay and Forage	15. Alfalfa	2,789	Ton	7,621	2.7	8.0	9.00	68,589.	24.59	
	16. Bluejoint and timothy	36	Ton	93	2.6	4.6	11.00	1,023.	28.42	
	17. Other hay <sup>3</sup>	285	Ton	554	1.9	2.5	7.00	3,878.	13.61	
	18. Corn fodder <sup>4</sup>	151	Ton	480	3.2	5.2	5.00	2,400.	15.89	
	19. Other forage <sup>5</sup>									
	to <sup>5</sup> Straw	274	Ton	245	0.9	1.2	1.50	368.	1.34	
	to <sup>5</sup> Cornstalks	31	Ton	53	1.7	3.0	0.50	26.	0.84	
	23. <sup>5</sup>		Ton							
	24. Carrots, mangels		Ton							
	25. Pasture <sup>6</sup>	1,730	Acre				14.00	24,220.	14.00	
	to <sup>6</sup>									
	to <sup>6</sup> Tame	138	Acre				11.00	1,518.	11.00	
	30. <sup>6</sup> Natural									
	Other <sup>7</sup>	87	Acre				12.13	1,055.	12.13	
	Subtotal	5,521						103,077.	18.67	

Item numbers correspond to those on Form 7-332.

<sup>1</sup> For remaining grain crops. See Note 1, Form 7-332. \*See other side.<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 3, Form 7-332.<sup>4</sup> See Note 4, 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 crop.<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.



CROP	Unit	YIELD		VALUES		
		Area of	Yield	Per Acre		
				Per Unit	Per	Per
		(Acres)	Total	Aver.	Max.	of Yield
#30 Alfalfa Pasture	: 8 :Acre :					\$15.00 : \$ 120: \$15.00
Clover Pasture	: 11 :Acre :					: 17.00 : 187: 17.00
Stubble Pasture	: 34 :Acre :					: 18.00 : 612: 18.00
Other Pasture	: 34 :Acre :					: 4.00 : 136: 4.00
Subtotal	: 87 :Acre :					: \$12.13 : \$1,055: \$12.13
#49 Apricots	: 974 :Pound:	1,997,060:	2,049:20,000:	\$ 0.0225:	\$44,934:	\$46.13
to Cherries	: 468 :Pound:	1,604,356:	3,428:40,000:	0.045 :	72,196:	154.26
#52 Berries	: 4 :Pound:	6,544:	1,636: 2,500:	0.06 :	393:	98.25
Crab Apples	: 20 :Pound:	316,000:	15,800:30,000:	0.012 :	3,792:	189.60
Grapes	: 8 :Pound:	49,300:	6,162:10,000:	0.01 :	493:	61.62
Subtotal	:1,474 :Pound:	3,973,260:	2,696:40,000:	\$0.0307:	\$121,808:	\$82.64

DUPLICATED AREAS	
Acres	Acres
Alfalfa Hay 374	Apricots 217
Other Hay 13	Cherries 76
Straw 270	Berries 1
Cornstalks 34	Corn Fodder 7
Stubble Pasture 25	Potatoes 3
Garden 4	Popcorn 5
Peaches 405	Crab Apples 6
Pears 2,518	
Prunes 62	
	Total 4,020

\* MISCELLANEOUS - CROP FAILURE

Acres
Squash 1.0
Cherries 62.0
Peaches 1.5
Pears 2.0
Apples 11.0
Potatoes 2.5
Total 80.0

\* Record of 1936 soil conservation area not available.



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—Pay Lands	Vegetables and Truck	31. Beans, commercial.....	6	Bushel	1,167	194.5	194.5	\$3.00	\$3,501	\$533.50	
		32. Onions, dry.....	12	Bushel	6,071	505.9	530.0	0.25	1,518	126.50	
		33. Potatoes, white.....	211	Bushel	42,530	201.6	250.0	0.70	29,771	141.09	
		34. Potatoes, sweet.....		Bushel							
		35. Gardens.....	84	Bushel				100.0	3,400	100.00	
		36. Truck <sup>7</sup> Popcorn.....	155	Bushel	250,775	1,617.9	3,332.0	0.06	15,046	97.07	
		to <sup>7</sup> Squash.....	1	Bushel	8	8.0	8.0	4.50	36	36.00	
		42. <sup>7</sup> Asparagus.....	1	Bushel	5,500	5,500.0	5,500.0	0.05	275	275.00	
		Subtotal.....	470					58,547	124.57		
	Fruits and Nuts	43. Apples.....	12,263	Pound	148,840,673	12,137	46,100	0.015	2,232,610	182.06	
		44. Peaches.....	1,639	Pound	15,105,816	9,216	35,000	0.02	302,116	184.33	
		45. Pears.....	5,301	Pound	45,976,260	8,673	40,000	0.011	505,739	95.40	
		46. Prunes.....	248	Pound	1,879,900	7,580	30,000	0.011	20,679	83.38	
		47, 48. Citrus fruit.....		Pound							
		49-52. Small fruit.*.....	1,474	Pound	3,973,260	2,696	40,000	0.0307	121,808	82.64	
Miscellaneous	53. Almonds.....		Pound								
	54, 55. Miscellaneous <sup>8</sup> .....		Pound								
	Subtotal.....	20,925	Pound	215,775,909	10,312	46,100	0.0148	3,182,952	152.11		
	56. Sugar beets.....		Ton								
	57. Cotton, lint.....		Bale								
	58. Cotton, seed.....		Ton								
	59. Other <sup>9</sup> Hops.....	58	Pound	100,000	1,724	2,000	0.28	28,000	482.72		
	60, 61 <sup>9</sup> Nursery.....	15	Acre				366.67	5,500	366.67		
	Subtotal.....	73					33,500	458.90			
Total acreage reported.....			28,238		Aggregate bonus payments			--	--		
Less duplicated areas.*.....			4,020		Total and average			\$3,408,650	\$140.75		
Total cropped.....			24,218								
Irrigated for Other Purposes		ACRES	VALUE	IRRIGABLE AREAS BY FEATURES			ACRES	FARMS	PERCENT OF PROJECT		
	40. Bearing orchard.....	1,445		Grand total irrigated.....			25,146	1,349	84.4		
	Young alfalfa.....	109		Acres irrigable but not irrigated—			1,388	-	4.7		
	Fallow.....	16		(a) Buildings, yards, roads, ditches, etc.....							
	Miscellaneous.*.....	80		(b) Dry farmed.....							
	Subtotal.....	1,650		(c) Idle (not leveled, fallowed, timber).....			1,897	-	6.4		
	Less duplicated areas.....	722		(d) Seeped or suspended (Cl. 5), idle.....			1,363	27	4.5		
	Total other purposes.....	928		(e) Entire farms idle.....							
	Grand total irrigated.....	25,146		Grand total irrigable of project or division.....			29,794	1,376	100.0		

See back of previous page.

(\*), (\*), and (\*), see footnotes, page 1



## 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 of yield 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 units of yield shall be the local market price of the crops.
4. **Pastures** shall be included under areas irrigated for crop purposes, and the value thereof per acre shall be considered to be the same as that of an acre of hay land on the same class of land.
5. **Duplicated** areas resulting from growing grass and grain on the same land, from raising crops in bearing orchards, and from other similar methods of cropping shall be carefully ascertained and deducted.
6. In reporting areas irrigated for **other purposes**, there shall be included: Nonbearing orchards, fall-seeded grass fields, fields irrigated for the purpose of cultivation only, class 5 lands irrigated (while lands in suspended status may produce crops, such cropping is in the nature of an experiment to determine whether such lands should be in pay class or excluded from the project), lands without a water right irrigated by pumping from project canals, and lands withheld from production under soil conservation or any other governmental arrangement. Show amount received from Government and the returns from class 5 lands under value.
7. There shall be deducted from areas irrigated for other purposes, areas of crops raised in nonbearing orchards and other similar areas.
8. 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.