

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(April 1937)

FINAL

Water user or project YAKIMA - TIETON

Year of 1941

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	281	Bushel	9,365	33.3	100	0.66	6,181	22.00
	2. Corn	120	Bushel	5,570	46.4	100	0.70	3,899	32.49
	3. Oats	132	Bushel	5,979	45.3	75	0.61	3,647	27.63
	4. Rye		Bushel						
	5. Wheat	392	Bushel	10,807	27.6	42	0.85	9,106	23.43
	6. Other ¹		Bushel						
	Subtotal	925	Bushel	31,721	34.3	100	0.72	22,913	24.77
Seed	7. Alfalfa		Bushel						
	8. Clover		Bushel						
	9. Other ² Orchard Grass	18	Bushel	12	0.7	0.7	17.20	206	11.44
	to ² Carrot	1	Bushel	13	13.0	13.0	75.00	975	975.00
Hay and Forage	14. ²		Bushel						
	Subtotal	19	Bushel	25	1.3	13.0	47.24	1,181	62.16
	15. Alfalfa	2,137	Ton	5,785	2.7	6.5	10.00	57,850	27.07
	16. Bluejoint and timothy	2	Ton	10	5.0	5.0	8.00	80	40.00
	17. Other hay ³	289	Ton	472	1.6	4.2	9.00	4,248	14.70
	18. Corn fodder ⁴	62	Ton	440	7.1	28.0	5.00	2,200	35.48
	19. Other forage ⁵ Straw	477	Ton	439	0.9	4.0	2.00	878	1.84
	to ⁵		Ton						
	23. ⁵ Cornstalks	31	Ton	58	1.9	5.0	1.50	87	2.81
	24. Carrots, mangels		Ton						
	25. Pasture ⁶ Natural	2,114	Acre				11.00	23,254	11.00
	to ⁶ Tame	390	Acre				19.00	7,410	19.00
	30. ⁶ Other*	206	Acre				8.92	1,838	8.92
	Subtotal	5,706	Acre					97,845	17.14

Item numbers correspond to those on Form 7-332.

*See other side.

¹ For remaining grain crops. See note ¹ page 3, Form 7-332.

² 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.

³ See note ³, page 3, Form 7-332.

⁴ See note ⁴, page 3, Form 7-332.

⁵ 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.

⁶ List two most important pastures, like ladino, tame, and alfalfa. Use item 30 for sum total of remaining pastures.

⁷ List two most important truck crops, like lettuce, tomatoes, or cabbage. Use item 42 for sum total of other remaining truck crops.

⁸ Includes all other nuts.

⁹ 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.)

Crop	: Area	: Unit of:	Total	Per Acre		Per Unit :		Total	Per Acre
	: Acres	: Yield :		: Average	: Maximum	: of Yield	: Total		
#30 Alfalfa Pasture	: 168	: Acre :				: \$ 8.00	: \$ 1,344	: \$ 8.00	
Clover Pasture	: 38	: Acre :				: 13.00	: 494	: 13.00	
Subtotal.....	: 206	: Acre :				: 8.92	: 1,838	: 8.92	
#49 Crab Apples	: 16	: Pound :	163,000	10,188	20,000	: 0.012	: 1,956	: 122.25	
Apricots	: 826	: Pound :	7,629,300	9,236	40,000	: 0.017	: 129,698	: 157.02	
to Berries	: 7	: Pound :	8,284	1,183	1,820	: 0.088	: 729	: 104.14	
Cherries	: 639	: Pound :	5,135,983	8,038	32,000	: 0.053	: 272,207	: 425.99	
#52 Grapes	: 22	: Pound :	120,302	5,468	16,000	: 0.012	: 1,444	: 65.64	
Subtotal	: 1,510	: Pound :	13,056,869	8,647	40,000	: 0.031	: 406,034	: 268.90	

DUPLICATED AREAS			
	Acres		Acres
Barley	18	Apples	27
Corn	2	Peaches	328
Oats	4	Pears	1,924
Wheat	33	Prunes	34
Alfalfa Hay	67	Apricots	134
Timothy	10	Cherries	98
Other Hay	30	Clover Pasture	5
Corn Fodder	22	Squash	4
Straw	456	Nursery	3
Cornstalks	26	Total	3,341

IRRIGATED-NO CROP	
	Acres
Alfalfa Hay	18
Apples	248
Peaches	120
Pears	95
Prunes	6
Apricots	22
Berries	2
Cherries	42
Grapes	3
Oats	4
Rye	5
Tame Pasture	3
Potatoes	5
Plums	1
Nursery	3
Lawn	109
Total	686

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	16	Bushel	285	17.8	18	3.00	855	53.44	
		32. Onions, dry	2	Bushel	740	370.0	370	0.86	636	318.00	
		33. Potatoes, white	105	Bushel	19,312	183.9	507	0.60	11,527	110.35	
		34. Potatoes, sweet		Bushel							
		35. Gardens	54	— Acre				100.00	5,400	100.00	
		36. Truck Popcorn	12	Bushel	409	34.1	61	2.65	1,084	90.33	
		to 7 Squash	11	— Ton	54	4.9	13	4.00	216	19.64	
		42. 7 Asparagus	3	— Pound	3,800	1266.7	2,875	0.05	190	63.33	
		Subtotal	203	Acre					19,968	98.36	
	Fruits and Nuts	43. Apples	12,587	Pound	271,899,100	21602	54,000	0.017	4,622,285	367.22	
		44. Peaches	1,831	Pound	18,728,500	10229	48,120	0.02	374,570	204.57	
		45. Pears	4,599	Pound	62,050,000	13492	60,000	0.020	1,241,000	269.84	
		46. Prunes	177	Pound	1,911,600	10800	45,000	0.012	22,939	129.60	
		47, 48. Citrus fruit		Pound							
		49-52. Small fruit	1,510	Pound	13,056,569	8647	40,000	0.031	406,034	268.90	
		53. Almonds		Pound							
		54, 55. Miscellaneous ⁸		Pound							
	Subtotal	20,704	Pound	367,646,069	17757	60,000	0.018	6,666,828	322.01		
Miscellaneous	56. Sugar beets		Ton								
	57. Cotton, lint		Bale								
	58. Cotton, seed		Ton								
	59. Other ⁹ Hops	96	Pound	147,400	1535	1,680	0.275	40,535	422.24		
	60, 61 ⁹ Nursery	6	Acre				500.00	3,000	500.00		
	Subtotal	102	Acre					43,535	426.81		
Soil Im- prove- ment	62. Soil-building crops		Total value (sum of items 1 to 61, inclusive)					\$ 6,852,270			
	63. Fallowed land		Additional revenues received (see reverse hereof)					\$ 32,708			
	Subtotal		Total and average gross value per acre ¹⁰					\$ 6,884,978	\$ 283.10		
Total acreage reported			27,661	Value	IRRIGABLE AREAS BY FEATURES			ACRES	FARMS	PERCENT OF PROJECT	
Less duplicated areas			3,341		Total area irrigated	24,429			1,341	83.9	
Net area in cultivation			24,320			Area irrigable but not irrigated:					
Net area in cultivation			24,320								
Less fallowed, not irrigated			24,320								
Irrigated area (classes 1-4)			24,320	(a) Idle (see "B" page 4 of Form 7-332)			918	24	3.2		
Temporarily suspended area irrigated (from separate cards class 5)				\$ ¹¹	(b) Temporarily suspended ¹²						
Subtotal			24,320		(c) Buildings, yards, highways, rights-of-way			3,760	- -	12.9	
Total area irrigated			24,320		(d) Dry farmed						
Lawns			109		Grand total irrigable of project or division			29,107	1,365	100.0	

⁷, ⁸, and ⁹, see footnotes, page 1.¹⁰ Average computed on "net area in cultivation."

Total Area Irrigated - - - 24,429 Acres

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

(OVER) *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 ¹	YEAR ²	ACREAGE OR TONNAGE ³	UNIT ON WHICH BASED	PAYMENTS			
				PER UNIT	FEDERAL ⁴	FACTORY ⁴	TOTAL
Wheat Parity	1940				\$ 447.77		\$ 447.77
Wheat Parity	1941				170.26		170.26
Soil Building	1940				22,193.20		22,193.20
Soil Building	1941				9,830.80		9,830.80
Sugar Beet Bonus	1940	25	Ton	\$ 1.76	44.00		44.00
Sugar Beet Bonus	1940	25	Ton	\$ 0.89		22.25	22.25
				Total			
				32,708.28			

¹ 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.

² Designate year and acreage or tonnage to which each payment applied.

³ Payments from Government under Agricultural Conservation program.

⁴ 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.)