

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(April 1937)

Water user or project

YAKIMA - TIETON

Year of 19 43

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	279	Bushel	11,225	40.2	80	.98	11,000	39.43
	2. Corn	86	Bushel	1,948	22.6	80	1.15	2,240	26.05
	3. Oats	122	Bushel	6,295	51.6	100	.75	4,721	38.70
	4. Rye	2	Bushel	100	50.0	67	1.05	105	52.50
	5. Wheat	141	Bushel	4,061	28.8	65	1.27	5,157	36.58
	6. Other ¹		Bushel						
	Subtotal	630	Bushel	23,629	37.5	100	.98	23,223	36.86
Seed	7. Alfalfa		Bushel						
	8. Clover		Bushel						
	9. Other ²		Bushel						
	to ²		Bushel						
	14. ²		Bushel						
Hay and Forage	Subtotal								
	15. Alfalfa	2,067	Ton	5,899	2.9	10.0	20.00	117,980	57.08
	16. Bluejoint and timothy	17	Ton	30	1.8	2.5	20.00	600	35.29
	17. Other hay ³ Grain	494	Ton	996	2.0	9.0	17.00	16,932	34.28
	18. Corn fodder ⁴	71	Ton	462	6.5	15.0	8.75	4,042	56.93
	19. Other forage ⁵ Grain Straw	445	Ton	466	1.0	3.0	6.70	3,122	7.02
	to ⁵ Cornstalks	41	Ton	46	1.1	4.0	2.00	92	2.24
	23. ⁵ Squash	54	Ton	542	10.0	20.0	8.00	4,336	80.30
	24. Carrots, mangels		Ton						
	25. Pasture ⁶ Natural	1,000	Acre					12,503	12.50
	to ⁶ Tame	1,572	Acre					43,486	27.66
	30. ⁶ Other *	604	Acre					5,984	9.91
	Subtotal	6,365	Acre					209,077	32.85

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.)

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	18	Acre	- -	- -	- -	- -	\$ 625	\$ 34.72
	Clover Pasture	24	Acre	- -	- -	- -	- -	500	20.83
	Grain Pasture	112	Acre	- -	- -	- -	- -	2,370	21.16
	Hay Stubble Pasture	220	Acre	- -	- -	- -	- -	1,279	5.81
	Grain Stubble Pasture	230	Acre	- -	- -	- -	- -	1,210	5.26
	Subtotal	604	Acre	- -	- -	- -	- -	5,984	9.91
42	Corn, Green Sweet	6	Bushel	1,710	285	285	.75	1,283	213.83
	Parsnips	3	Bushel	890	297	297	1.50	1,335	445.00
	Tomatoes	1	Bushel	113	113	113	2.00	226	226.00
	Asparagus	1	Pound	1,700	1,700	1,889	.10	170	170.00
	Onions, Green Bunch	1	Pound	1,400	1,400	1,400	.14	196	196.00
	Subtotal	12	Acre	- -	- -	- -	- -	3,210	267.50
49	Apricots	854	Pound	6,715,800	7,864	40,000	.075	503,685	589.80
	Berries	4	Pound	30,180	7,545	8,228	.15	4,527	1,131.75
	Cherries	655	Pound	4,391,871	6,705	40,000	.095	417,228	636.99
	Grapes	23	Pound	162,640	7,071	30,000	.025	4,066	176.78
	Crabapples	6	Pound	89,000	14,833	18,000	.05	4,450	741.67
	Plums	16	Pound	58,400	3,650	10,000	.11	6,424	401.50
	Subtotal	1,558	Pound	11,447,891	7,348	40,000	.082	940,380	603.58
60	Nursery	7	Acre	- -	- -	- -	- -	4,900	700.00
	Sorghum	1	Gallon	60	60	60	2.00	120	120.00
	Subtotal	8	Acre	- -	- -	- -	- -	5,020	627.50

IRRIGATED - NO CROP

	ACRES		Total
	Young-non-bearing	Frozen	
Alfalfa Hay	94		94
Bluejoint & Timothy Hay	2		2
Apples	302	231	533
Peaches	209	23	232
Pears	299	205	504
Apricots	22	6	28
Cherries	48	2	50
Grapes	1		1
Soil Building	991		991
Lawn	117		117
Totals	2,085	467	2,552

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	5	Bushel	86	17.2	22	3.50	301	60.20
		32. Onions, dry	7	Bushel	3,535	505.0	917	1.50	5,302	757.43
		33. Potatoes, white	490	Bushel	102,283	208.7	400	.75	76,712	156.56
		34. Potatoes, sweet		Bushel						
		35. Gardens	111	Acre					24,511	220.82
		36. Truck ⁷ Rutabagas	7	Bushel	1,744	249.1	356	.90	1,570	224.28
		to ⁷ Popcorn	11	Bushel	377	34.3	44	5.60	2,111	191.91
		42. ⁷ Other *	12	Acre					3,210	267.50
	Subtotal		643	Acre					113,717	176.85
	Fruits and Nuts	43. Apples	13,212	Pound	212,260,444	16,066.0	58,652	.0475	10,082,371	763.12
		44. Peaches	1,715	Pound	15,910,700	9,277	46,400	.0425	676,205	394.29
		45. Pears	4,840	Pound	43,789,900	9,048	57,500	.04	1,751,596	361.90
		46. Prunes	173	Pound	1,555,300	8,990	21,333	.065	101,094	584.36
		47, 48. Citrus fruit		Pound						
		49-52. Small fruit *	1,558	Pound	11,447,891	7,348	40,000	.082	940,380	603.58
		53. Almonds		Pound						
		54, 55. Miscellaneous ⁸		Pound						
	Subtotal		21,498	Pound	284,964,235	13,255	58,652	.0475	13,551,646	630.37
	Miscellaneous	56. Sugar beets		Ton						
		57. Cotton, lint		Bale						
		58. Cotton, seed		Ton						
		59. Other ⁹ Hops	101	Pound	163,400	1,618	1,920	.67	109,478	1,083.94
		60, 61 ⁹ Miscellaneous *	8	Acre					5,020	627.50
	Subtotal		109	Acre					114,498	1,050.44
Soil Im- prove- ment	62. Soil-building crops		991	Total value (sum of items 1 to 61, inclusive)					\$14,012,161	
	63. Fallowed land		37	Additional revenues received (see reverse hereof)					\$ 28,496	
	Subtotal		1,028	Total and average gross value per acre ¹⁰					\$14,040,657	\$ 547.23
Total acreage reported		30,273		IRRIGABLE AREAS BY FEATURES				ACRES	FARMS	PERCENT OF PROJECT
Less duplicated areas		4,615								
Net area in cultivation		25,658								
Net area in cultivation		25,658	Value	Total area irrigated				25,738	1,348	89.3
Less fallowed, not irrigated		37		Area irrigable but not irrigated:				1,734	- -	6.0
Irrigated area (classes 1-4)		25,621		(a) Idle (see "B" page 4 of Form 7-332)				225	75	0.8
Temporarily suspended area irrigated				(b) Temporarily suspended ¹²						
(from separate cards class 5)				(c) Buildings, yards, highways, rights-of-way				1,138	- -	3.9
Total area irrigated Subtotal		25,621	\$ ¹¹	(d) Dry farmed						
				Grand total irrigable of project or division				28,835	1,423	100.0

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

Total Area Irrigated 25,738

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	1943				703		703
Soil Conservation	1942				2,241		2,241
"	1943				25,552		25,552
Total					28,496		28,496

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.

		Acres		Acres		Acres	
Barley	24	Cornstalks	41	Potatoes	47	Apricots	147
Corn	8	Clover Pasture	10	Gardens	9	Cherries	138
Oats	5	Tame Seeded "	1	Rutabagas	4	Crabapples	3
Alfalfa Hay	73	Grain	7	Apples	37	Plums	8
Grain Hay	88	Hay Stubble "	203	Peaches	249	Soil Building	980
Corn Fodder	8	Grain "	224	Pears	1,821		
Straw	445	Beans	1	Prunes	34		
				TOTAL		4,615	