

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(April 1937)

FINAL

YAKIMA - TIETON

Water user or project _____

Year of 19 40

CROP		AREA (Acres)	UNIT OF YIELD	YIELDS			VALUES		
				TOTAL	PER ACRE		PER UNIT OF YIELD	TOTAL	PER ACRE
					Average	Maximum			
ITEM	KIND								
Cereals	1. Barley	202	Bushel	9,050	44.8	100	\$ 0.48	\$ 4,344	\$ 21.50
	2. Corn	183	Bushel	6,954	38.0	75	0.63	4,381	23.94
	3. Oats	159	Bushel	7,107	44.7	100	0.40	2,843	17.88
	4. Rye	8	Bushel	254	31.8	67	0.50	127	15.88
	5. Wheat	487	Bushel	12,711	26.1	60	0.70	8,898	18.27
	6. Other ¹		Bushel						
	Subtotal	1,039	Bushel	36,076	34.7	100	0.57	20,593	19.82
Seed	7. Alfalfa		Bushel						
	8. Clover		Bushel						
	9. Other ² Onion Seed	1	Bushel	1	1.0	1	36.00	36	36.00
	to ²		Bushel						
	14. ²		Bushel						
Hay and Forage	Subtotal	1	Bushel	1	1.0	1	36.00	36	36.00
	15. Alfalfa	2,374	Ton	6,885	2.9	6.3	7.00	48,195	20.30
	16. Bluejoint and timothy	6	Ton	13	2.2	2.7	8.50	110	18.42
	17. Other hay ³	392	Ton	627	1.6	5.0	6.50	4,076	10.40
	18. Corn fodder ⁴	64	Ton	499	7.8	21.0	4.50	2,246	35.08
	19. Other forage ⁵ Straw	728	Ton	728	1.0	2.0	1.65	1,201	1.65
	to ⁵		Ton						
	23. ⁵ Cornstalks	137	Ton	342	2.5	10.0	1.50	513	3.74
	24. Carrots, mangels		Ton						
	25. Pasture ⁶ Tame	1,608	Acre				19.70	31,678	19.70
	to ⁶ Natural	170	Acre				8.50	3,995	8.50
	30. ⁶ Other *	315	Acre				10.65	3,356	10.65
	Subtotal	6,094	Acre					\$95,370	\$15.65

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.)

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
REPORT OF THE COMMISSIONER OF RECLAMATION
FOR THE YEAR 1904
PART I
GENERAL STATEMENT OF THE RECLAMATION WORK DONE DURING THE YEAR
CHAPTER I
RECLAMATION WORK DONE DURING THE YEAR
SECTION I
GENERAL STATEMENT OF THE RECLAMATION WORK DONE DURING THE YEAR

Crop	Area		Unit of:		Per Acre		Per Unit :		Total	Per Acre
	Acres	Yield	Total	Average	Maximum	of Yield	Total	Per Acre		
#30 Alfalfa Pasture	92	Acre				\$14.70	\$ 1,352	\$ 14.70		
Clover Pasture	34	Acre				25.00	850	25.00		
Stubble Pasture	13	Acre				7.50	98	7.50		
Other Pasture	176	Acre				6.00	1,056	6.00		
Subtotal	315	Acre				10.65	3,356	10.65		
#49 Crab Apples	5	Pound	98,960	19,792	80,000	.01	990	198.00		
Apricots	915	Pound	6,997,920	7,648	80,000	.0125	87,474	95.60		
to Berries	8	Pound	8,336	1,042	5,000	.07	584	73.00		
Cherries	640	Pound	3,944,960	6,164	40,000	.05	197,248	308.20		
#52 Grapes	20	Pound	68,620	3,431	16,000	.015	1,029	51.45		
Subtotal	1,588	Pound	11,118,796	7,002	80,000	.0258	287,325	180.94		
#60 Nursery	5	Acre				400.00	2,000	400.00		
& 61 Tulip Bulbs	4	Doz.	1,666	416.8	416.8	0.30	500	125.00		
Subtotal	9	Acre					2,500	277.78		

DUPLICATED AREAS			
	Acres		Acres
Corn	4	Garden	1
Alfalfa Hay	129	Apples	10
Other Hay	20	Peaches	291
Corn Fodder	28	Pears	1,962
Straw	687	Prunes	58
Cornstalks	168	Crab Apples	1
Alfalfa Pasture	62	Apricots	162
Stubble Pasture	3	Berries	1
Other Pasture	11	Cherries	114
		Total	3,712

IRRIGATED - NO CROP	
	Acres
Alfalfa Hay	14
Apples	302
Peaches	100
Pears	85
Prunes	2
Apricots	15
Berries	1
Cherries	30
Grapes	1
Tame Pasture	9
Other Hay	6
Lawn	97
Total	662

BUREAU OF RECLAMATION
DEPARTMENT OF THE INTERIOR
WILLIAM S. JONES

WILLIAM S. JONES
CHIEF FIELD RECLAMATION

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	6	Bushel	117	19.5	20	2.40	281	46.80	
	32. Onions, dry	2	Bushel	508	253.3	280	0.57	290	144.78	
	33. Potatoes, white	87	Bushel	18,479	212.4	333	0.33	6,098	70.09	
	34. Potatoes, sweet		Bushel							
	35. Gardens	63	Bushel				100.00	6,300	100.00	
	36. Truck ⁷ Popcorn	30	Bushel	798	26.6	46	1.15	918	30.59	
	to ⁷ Squash	17	Bushel	104	6.1	15	3.50	364	21.41	
	42. ⁷ Asparagus	2	Bushel	2,697	1,348.3	2,626	0.05	135	67.42	
	Subtotal	207	Acre					14,386	69.50	
	Fruits and Nuts	43. Apples	12,846	Pound	257,877,600	20,075	60,000	0.0080	2,062,221	160.53
44. Peaches		1,690	Pound	17,006,600	10,063	48,000	0.0110	187,073	110.69	
45. Pears		4,812	Pound	53,720,500	11,164	50,000	0.0125	671,506	139.55	
46. Prunes		213	Pound	1,789,400	8,401	50,000	0.0075	13,420	63.00	
47, 48. Citrus fruit			Pound							
49-52. Small fruit		* 1,588	Pound	11,118,796	7,002	80,000	0.0258	287,325	180.94	
53. Almonds			Pound							
54, 55. Miscellaneous ⁸			Pound							
Subtotal	21,149	Pound	341,512,896	16,148	80,000	0.0095	3,221,545	152.33		
Miscellaneous	56. Sugar beets	4	Ton	25	6.25	6.25	4.10	102	25.62	
	57. Cotton, lint		Bale							
	58. Cotton, seed		Ton							
	59. Other ⁹ Hops	89	Pound	174,000	1,955	2,160	0.25	43,500	488.76	
	60, 61 ⁹ Miscellaneous *	9	Acres					2,500	277.78	
Subtotal	102	Acre					46,102	451.98		
Soil Im- prove- ment	62. Soil-building crops		Total value (sum of items 1 to 61, inclusive)				\$ 3,398,032			
	63. Fallowed land		Additional revenues received (see reverse hereof)				\$ 17,466			
	Subtotal		Total and average gross value per acre ¹⁰				\$ 3,415,498	\$ 137.28		
Total acreage reported		28,592	IRRIGABLE AREAS BY FEATURES				ACRES	FARMS	PERCENT OF PROJECT	
Less duplicated areas		3,712								
Net area in cultivation		24,880					24,977	1,354	84.6	
Net area in cultivation		24,880	Value	Total area irrigated						
Less fallowed, not irrigated				Area irrigable but not irrigated:						
Irrigated area (classes 1-4)		24,880		(a) Idle (see "B" page 4 of Form 7-332)				1,164	26	3.9
Temporarily suspended area irrigated (from separate cards class 5)				(b) Temporarily suspended ¹²						
Subtotal				(c) Buildings, yards, highways, rights-of-way				3,396	--	11.5
				(d) Dry farmed						
Total area irrigated Sub-total		24,880		Grand total irrigable of project or division				29,537	1,380	100.0
7, 8, and 9, see footnotes, page 1. Lawns 97										
10 Average computed on net area in cultivation 7										
TOTAL AREA IRRIGATED		24,977								

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 ²	UNIT ON WHICH BASED	PAYMENTS			
				PER UNIT	FEDERAL ³	FACTORY ⁴	TOTAL
Soil Building	1939				\$ 4,292.24		\$ 4,292.24
Soil Building	1940				11,549.93		11,549.93
Diversion of Acreage	1939 & 1940				1,498.69		1,498.69
Sugar beet bonus	1939	62	Ton	1.85	114.70		114.70
"	1939	62	Ton	.17		\$10.54	10.54
						TOTAL:	\$17,466.10

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.)

U. S. GOVERNMENT PRINTING OFFICE 6-7256

(See back of sheet 1)