

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 1944

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	186	Bushel	7,583	40.8	70	\$ 1.00	\$ 7,583	\$ 40.77
	2. Corn	78	Bushel	2,878	36.9	166	1.15	3,310	42.44
	3. Oats	133	Bushel	6,796	51.1	110	.70	4,757	35.77
	4. Rye	8	Bushel	207	25.9	44	1.15	238	29.75
	5. Wheat	120	Bushel	4,556	38.0	70	1.30	5,923	49.36
	6. Other <sup>1</sup>		Bushel						
	Subtotal	525	Bushel	22,020	41.9	166	\$ .99	\$ 21,811	\$ 41.54
Seed	7. Alfalfa		Bushel						
	8. Clover		Bushel						
	9. Other <sup>2</sup>		Bushel						
	to <sup>2</sup>		Bushel						
	14. <sup>2</sup>		Bushel						
Hay and Forage	Subtotal								
	15. Alfalfa	1,948	Ton	5,639	2.9	8	\$ 20.00	\$ 112,780	\$ 57.90
	16. Bluejoint and timothy	16	Ton	39	2.4	3	20.00	780	48.75
	17. Other hay <sup>3</sup> Grain	471	Ton	862	1.8	7	17.00	14,654	31.11
	18. Corn fodder <sup>4</sup>	73	Ton	920	1.3	30	9.00	8,280	11.34
	19. Other forage <sup>5</sup> Grain Straw	286	Ton	262	0.9	3	8.00	2,096	7.53
	to <sup>5</sup> Cornstalks	31	Ton	31	1.0	2	1.26	39	1.26
	23. <sup>5</sup>		Ton						
	24. Carrots, mangels		Ton						
	25. Pasture <sup>6</sup> Natural	1,284	Acre					21,881	17.04
	to <sup>6</sup> Tame	1,011	Acre					20,353	20.13
	30. <sup>6</sup> Other *	263	Acre					2,247	8.54
	Subtotal	5,583	Acre					\$ 183,110	\$ 34.02

Item numbers correspond to those on Form 7-332.

\* See other side.

<sup>1</sup> For remaining grain crops. See note <sup>1</sup> page 3, Form 7-332.<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 AVERAGE	PER ACRE MAXIMUM	PER UNIT OF YIELD	TOTAL	PER ACRE
30	: Alfalfa Stubble Pasture:	88	: Acre	:	:	:	:	\$ 720	\$ 8.18
	: Clover Pasture	11	: Acre	:	:	:	:	160	14.55
	: Grain Pasture	49	: Acre	:	:	:	:	457	9.33
	: Grain Stubble Pasture	115	: Acre	:	:	:	:	910	7.91
	: Sub-total	263	: Acre	:	:	:	:	\$ 2,247	\$ 8.54
42	: Cantaloups	1	: Pound	5,000	5,000	5,000	\$ 0.03	\$ 150	\$ 150.00
	: Tomatoes	1	: Bushel	19	19	19	1.79	34	34.00
	: Squash	8	: Pound	0	0	0	-	-	-
	: Sub-total	10	: Acre	:	:	:	:	\$ 184	\$ 18.40
49	: Apricots	802	: Pound	7,570,600	9,440	27,000	\$ 0.075	\$ 567,795	\$ 707.97
	: Berries	3	: Pound	5,400	1,800	1,800	0.22	1,188	396.00
	: Cherries	700	: Pound	4,997,191	7,139	34,500	0.125	624,649	892.36
	: Grapes	17	: Pound	100,614	5,918	15,576	0.025	2,515	147.94
	: Crab apples	9	: Pound	171,000	19,000	20,000	0.035	5,985	665.00
	: Plums	34	: Pound	75,140	2,210	3,750	0.06	4,508	132.59
	: Sub-total	1,565	: Pound	12,919,945	8,256	34,500	\$ 0.093	\$ 1,206,640	\$ 771.02

IRRIGATED - NO CROP

	Young, Non-bearing	Frozen	Acres Total	Yield not harvested due to labor shortage Pounds
Corn	5		5	
Alfalfa	44		44	
Squash	8		8	
Apples	426	19	445	422,884
Peaches	196	109	305	345,000
Pears	276	68	344	1,809,000
Prunes	3	7	10	
Apricots	49	12	61	
Cherries	53	7	60	
Grapes	2		2	
Plums	18		18	
Lawn	111		111	
Totals	1,191	222	1,413	2,576,884

BUREAU OF RECLAMATION  
 DEPARTMENT OF THE INTERIOR  
 DIVISION OF WATER RESOURCES



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	2,779	463	700	\$ 1.30	\$ 3,613	\$ 602.17	
	32. Onions, dry	298	Bushel	59,350	199	567	.80	47,480	159.33	
	33. Potatoes, white		Bushel							
	34. Potatoes, sweet		Bushel							
	35. Gardens	73	Bushel					11,356	155.56	
	36. Truck <sup>7</sup> Popcorn	22	Bushel	571	26	36	6.00	3,426	155.73	
	to <sup>7</sup> Corn, green sweet	6	Bushel	686	114	114	1.46	1,002	167.00	
	42. <sup>7</sup> Other *	10	Bushel	-	-	-	-	184	18.40	
	Subtotal	415	Acre					\$ 67,061	\$ 161.59	
	Fruits and Nuts	43. Apples	13,066	Pound	272,413,460	20,849	69,740	\$ .035	\$9,534,471	\$ 729.72
		44. Peaches	1,739	Pound	17,833,200	10,255	37,400	.0525	579,579	333.28
		45. Pears	5,036	Pound	86,049,200	17,087	68,000	.035	3,011,722	598.04
		46. Prunes	250	Pound	3,466,800	13,867	40,000	.035	121,338	485.35
		47, 48. Citrus fruit		Pound						
49-52. Small fruit *		1,565	Pound	12,919,945	8,256	34,500	.093	1,206,640	771.02	
53. Almonds			Pound							
54, 55. Miscellaneous <sup>8</sup>			Pound							
Subtotal	21,656	Pound	392,682,605	18,133	69,740	.0368	\$14,453,750	\$ 667.42		
Miscellaneous	56. Sugar beets		Ton							
	57. Cotton, lint		Bale							
	58. Cotton, seed		Ton							
	59. Other <sup>9</sup> Hops	99	Pound	177,000	1,788	2,537	.73	129,210	1,305.15	
	60, 61 <sup>9</sup> Nursery	2	Acre					2,500	1,100.00	
Subtotal	101	Acre					\$ 131,410	\$1,301.09		
Soil Im- prove- ment	62. Soil-building crops		Total value (sum of items 1 to 61, inclusive)				\$ 14,857,142			
	63. Fallowed land	8	Additional revenues received (see reverse hereof)				\$ 56,972			
	Subtotal	8	Total and average gross value per acre <sup>10</sup>				\$ 14,914,114	\$ 598.34		
Total acreage reported		28,088								
Less duplicated areas		3,162								
Net area in cultivation		24,926								
Net area in cultivation		24,926	Value	Total area irrigated			25,037	1,307	89.0	
Less fallowed, not irrigated				Area irrigable but not irrigated:			1,916		6.8	
Irrigated area (classes 1-4)		24,926		(a) Idle (see "B" page 4 of Form 7-332)			258	27	0.9	
Temporarily suspended area irrigated (from separate cards class 5)				(b) Temporarily suspended <sup>12</sup>						
Temporarily suspended area irrigated (from separate cards class 5)			\$ <sup>11</sup>	(c) Buildings, yards, highways, rights-of-way			924		3.3	
Total area irrigated Sub-total		24,926		(d) Dry farmed						
Total area irrigated		25,037		Grand total irrigable of project or division			28,135	1,334	100.0	

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

Total area irrigated 25,037

<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.

(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 <sup>1</sup>	YEAR <sup>2</sup>	ACREAGE OR TONNAGE <sup>3</sup>	UNIT ON WHICH BASED	PAYMENTS			
				PER UNIT	FEDERAL <sup>4</sup>	FACTORY <sup>4</sup>	TOTAL
Soil Conservation	1943				\$56,972		\$56,972

<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: (List crops and acreages below)

Acres		Acres		Acres		Acres	
Barley	14	Grain Straw	286	Potatoes	61	Prunes	29
Oats	2	Cornstalks	31	Gardens	1	Apricots	167
Wheat	14	Clover Pasture	6	Popcorn	9	Cherries	126
Alfalfa Hay	31	Alfalfa Stub. Pasture	66	Apples	24	Crab apples	3
Grain Hay	30	Grain stubble pasture	115	Peaches	255	Plums	8
Corn fodder	16	Tame seeded pasture	18	Pears	1,850	Total	3,162

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