

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(April 1937)

Water user or project

YAKIMA-TIETON DIVISION

Year of 19 45

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	180	Bushel	5,858	32.5	52	\$ 1.05	\$ 6,151	\$ 34.17
	2. Corn	44	Bushel	1,606	36.5	56	1.20	1,927	43.80
	3. Oats	61	Bushel	2,817	46.2	80	.75	2,113	34.64
	4. Rye	5	Bushel	145	29.0	30	1.20	174	34.80
	5. Wheat	132	Bushel	3,685	27.9	80	1.35	4,975	37.69
	6. Other ¹		Bushel						
	Subtotal	422	Bushel	14,111	33.4	80	1.09	15,340	36.35
Seed	7. Alfalfa		Bushel						
	8. Clover		Bushel						
	9. Other ²		Bushel						
	to ²		Bushel						
	14. ²		Bushel						
Hay and Forage	Subtotal								
	15. Alfalfa	1,856	Ton	5,575	3.0	6.4	20.00	111,500	60.08
	16. Bluejoint and timothy	18	Ton	45	2.5	3.4	20.00	900	50.00
	17. Other hay ³	316	Ton	526	1.7	4.5	18.00	9,468	29.96
	18. Corn fodder ⁴	43	Ton	405	9.4	22.0	10.00	4,050	94.19
	19. Other forage ⁵ Beet Tops	31	Ton	305	9.8	13.3	0.90	.274	8.85
	to ⁵ Grain Straw	184	Ton	245	1.3	2.0	6.50	1,592	8.65
	23. ⁵ Cornstalks	34	Ton	43	1.3	2.0	1.25	54	1.59
	24. Carrots, mangels		Ton						
	25. Pasture ⁶ Natural	1,202	Acre				17.19	20,667	17.19
	to ⁶ " Tame Seeded	1,009	Acre				21.17	21,362	21.17
	30. ⁶ " Other *	423	Acre				10.90	4,611	10.90
	Subtotal	5,116	Acre				\$ 34.10	\$ 174,478	34.10

Item numbers correspond to those on Form 7-332.

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

* See other side.

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 Stubble Pasture	277	Acre				\$ 9.78	\$ 2,710	\$ 9.78
.	Clover Pasture	9	Acre				25.00	225	25.00
.	Grain Stubble Pasture	93	Acre				4.09	380	4.09
.	Other Pasture	44	Acre				29.45	1,296	29.45
.	Sub-total	423	Acre				10.90	4,611	10.90
42	Cucumbers	4	Bushel	322	80	80	2.00	644	161.00
.	Corn, Green, Sweet	2	Bushel	125	62	62	1.00	125	62.50
.	Sub-total	6	Bushel	447	74	80	1.72	769	128.17
49	Apricots	735	Pounds	8,691,900	11,826	49,400	.07	608,433	827.80
.	Berries, Straw	5	Pounds	3,000	600	600	.20	600	120.00
.	Cherries	688	Pounds	6,422,906	9,336	33,169	.135	867,092	1,260.31
.	Crabapples	11	Pounds	111,500	10,136	14,000	.06	6,690	608.18
.	Grapes	18	Pounds	79,564	4,420	10,000	.03	2,387	132.61
.	Plums	37	Pounds	45,687	1,235	15,000	.07	3,198	86.43
.	Sub-total	1,494	Pounds	15,354,557	10,277	49,400	.097	1,488,400	996.25
60	Nursery	2	Acre				400.00	800	400.00
.	Tulip bulbs	2	Acre				500.00	1,000	500.00
.	Sub-total	4	Acre				\$ 450.00	\$ 1,800	\$ 450.00

IRRIGATED - NON-BEARING

	Acres
Alfalfa Hay	22
Squash	4
Apples	520
Peaches	170
Pears	336
Prunes	15
Apricots	16
Cherries	49
Grapes	2
Crabapples	2
Plums	22
Total	1,158

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		Bushel						
	32. Onions, dry	3	Bushel	805	268	268	1.40	1,127	375.67
	33. Potatoes, white	222	Bushel	52,090	234	467	.75	39,068	175.98
	34. Potatoes, sweet		Bushel						
	35. Gardens	77	Bushel				166.54	12,824	166.54
	36. Truck ⁷ Popcorn	24	Bushel	871	36	36	3.60	3,136	130.67
	to ⁷ Squash	4	Pound	12,000	3,000	3,000	.02	240	60.00
	42. ⁷ Other *	6	Bushel	447	74	80	1.72	769	128.17
	Subtotal	336	Acre				170.13	57,164	170.13
Fruits and Nuts	43. Apples	13,322	Pound	302,733,772	22,724	60,500	.0525	15,893,523	1,193.03
	44. Peaches	1,705	Pound	17,719,600	10,393	43,000	.0325	575,887	337.76
	45. Pears	4,788	Pound	72,703,600	15,185	64,286	.035	2,544,626	531.46
	46. Prunes	192	Pound	2,213,500	11,529	36,000	.035	77,472	403.50
	47, 48. Citrus fruit		Pound						
	49-52. Small fruit *	1,494	Pound	15,354,557	10,277	49,400	.097	1,488,400	996.25
	53. Almonds		Pound						
	54, 55. Miscellaneous ⁸		Pound						
Subtotal	21,501	Pound	410,725,029	19,103	64,286	.050	20,579,908	957.16	
Miscellaneous	56. Sugar beets	31	Ton	640	20.6	26.5	9.90	6,336	204.39
	57. Cotton, lint		Bale						
	58. Cotton, seed		Ton						
	59. Other ⁹ Hops	94	Pound	126,552	1,346	2,400	.68	86,055	915.48
	60, 61 ⁹ Other *	4	Acre				450.00	1,800	450.00
Subtotal	129	Acre				730.16	94,191	730.16	
Soil Im- prove- ment	62. Soil-building crops	17	Total value (sum of items 1 to 61, inclusive)					\$ 20,921,081	
	63. Fallowed land	1	Additional revenues received (see reverse hereof)					\$ 58,353	
	Subtotal	18	Total and average gross value per acre ¹⁰					\$ 20,979,434	\$ 853.66
Total acreage reported		27,522	Value	IRRIGABLE AREAS BY FEATURES			ACRES	FARMS	PERCENT OF PROJECT
Less duplicated areas		2,946							
Net area in cultivation		24,576		Total area irrigated	24,679	1,272	89.5		
Net area in cultivation			Area irrigable but not irrigated:	1,470		5.3			
Less fallowed, not irrigated			(a) Idle (see "B" page 4 of Form 7-332)	366	27	1.3			
Irrigated area (classes 1-4)		24,576	(b) Temporarily suspended ¹²						
Temporarily suspended area irrigated (from separate cards class 5)			(c) Buildings, yards, highways, rights-of-way	1,073		3.9			
Total area irrigated Sub-total		24,576	(d) Dry farmed						
			Grand total irrigable of project or division	27,588	1,299	100.0			

⁷, ⁸, and ⁹, see footnotes, page 1, Lawns 103
¹⁰ Average computed on "net area in cultivation."
 Total area irrigated 24,679

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 other side

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
Soil Conservation & AAA Payments 1944					\$58,353		\$58,353
• • • • •	•	• • • • •	• • • • •	•	• • • • •	• • • • •	•

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: Acres Acres Acres

Barley	9	Beet Tops	31	Potatoes	36	Pears	1,718
Corn	11	Grain Straw	185	Gardens	1	Prunes	44
Wheat	12	Cornstalks	34	Squash	1	Apricots	105
Alfalfa Hay	45	Alfalfa Stub. Past.	258	Popcorn	1	Cherries	90
Other Hay	10	Clover Pasture	4	Apples	8	Plums	5
Cornfodder	6	Grain Stub. Past.	93	Peaches	224	Total	2,946
		Tame seeded Past.	15				

W. W. KISTLER-DENVER-2M-2-27-45