

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(April 1937)

Water user or project YAKIMA - ROZA DIVISION (Roza Irrigation District) Year of 19 43

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	254	Bushel	10,203	40.2	83	\$ 1.00	\$ 10,203	\$ 40.17	
	2. Corn	49	Bushel	1,061	21.7	60	0.95	1,008	20.57	
	3. Oats	100	Bushel	6,325	63.2	100	0.72	4,554	45.54	
	4. Rye	22	Bushel	446	20.3	35	1.04	464	21.09	
	5. Wheat	114	Bushel	4,280	37.5	65	1.27	5,436	47.66	
	6. Other ¹		Bushel							
	Subtotal	539	Bushel	22,315	41.4	100	\$ 0.97	\$ 21,665	\$ 40.19	
Seed	7. Alfalfa		Bushel							
	8. Clover		Bushel							
	9. Other ² Carrots	37	Bushel	343	9.3	21	\$ 31.50	\$ 10,804	\$ 292.00	
	to ² Peas	1,123	Bushel	34,568	30.8	111	2.80	96,790	86.19	
	14. ² * Miscellaneous	39	Bushel	653	16.7	67	39.95	26,085	668.85	
	Subtotal	1,199	Bushel	35,564	29.7	111	\$ 3.76	\$ 133,679	\$ 111.49	
Hay and Forage	15. Alfalfa	1,396	Ton	4,059	2.9	8	\$ 20.00	\$ 81,180	\$ 58.15	
	16. Bluejoint and timothy		Ton							
	17. Other hay ³ Grain	311	Ton	413	1.3	4	17.00	7,021	22.58	
	18. Corn fodder ⁴	3	Ton	23	7.7	10	9.50	218	72.67	
	19. Other forage ⁵ Beet Tops	105	Ton	607	5.8	17	1.25	759	7.23	
	to ⁵ Pea Ensilage	1,088	Ton	1,138	1.0	2	4.40	5,007	4.60	
	23. ⁵ * Miscellaneous	323	Ton	343	1.1	4	4.23	1,450	4.49	
	24. Carrots, mangels	32	Ton	110	3.4	25	8.00	880	27.50	
	25. Pasture ⁶ Clover	37	Acre					1,406	38.00	
	to ⁶ Tame Seeded	126	Acre					5,982	47.48	
	30. ⁶ * Miscellaneous	92	Acre					1,329	14.45	
		Subtotal	3,513	Acre				\$ 105,232	\$ 29.96	

Item numbers correspond to those on Form 7-332.

* See back of Sheet 1.

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.)

C R O P		AREA	UNIT OF:	PER ACRE		PER UNIT :	PER	
ITEM:	KIND	(ACRES)	YIELD :	TOTAL	AVERAGE :	MAXIMUM	OF YIELD :	ACRE
9 :	Beans	25	Bushel :	483	19.3:	67 :	\$ 3.85 :	\$ 74.40
to :	Onion	14	Bushel :	170	12.1:	15 :	142.50 :	1,730.36
14 :	Subtotal	39	Bushel :	653	16.7:	67 :	\$ 39.95 :	\$ 668.85
19 :	Cornstalks	24	Ton :	82	3.4:	4 :	\$ 1.20 :	\$ 4.08
to :	" Straw, Barley	149	Ton :	140	0.9:	1 :	4.30 :	4.04
to :	" Oat	59	Ton :	47	0.8:	1 :	7.35 :	5.85
to :	" Rye	22	Ton :	12	0.5:	1 :	4.35 :	2.36
23 :	" Wheat	69	Ton :	62	0.9:	2 :	5.70 :	5.12
to :	Subtotal	323	Ton :	343	1.1:	4 :	\$ 4.23 :	\$ 4.49
25 :	Natural Pasture	51	Acre :	- -	- -	- -	\$ 1,149 :	\$ 22.53
to :	Other Pasture	4	Acre :	- -	- -	- -	20 :	5.00
30 :	Stubble Pasture	37	Acre :	- -	- -	- -	160 :	4.32
to :	Subtotal	92	Acre :	- -	- -	- -	\$ 1,329 :	\$ 14.45
to :	Beans, Snap	3	Bushel :	192	64 :	64 :	\$ 2.10 :	\$ 134.33
to :	Beets, Table	3	Bushel :	185	61.7:	128 :	1.04 :	64.00
to :	Cabbage	6	Pound :	23,880	3,980 :	8,000 :	.015:	59.67
36 :	Cantaloups	16	Pound :	120,000	7,500 :	12,000 :	.02 :	150.00
to :	Cucumbers	2	Bushel :	417	208 :	208 :	2.88 :	600.50
to :	Lettuce, Head	7	Pound :	35,000	5,000 :	17,500 :	.035:	175.00
to :	Popcorn	22	Bushel :	655	29.8:	35 :	5.60 :	166.73
to :	Rutabagas	215	Bushel :	30,543	142 :	319 :	.90 :	127.86
to :	Squash	32	Pound :	318,000	9,938 :	30,000 :	.015:	149.06
42 :	Sweet Corn	47	Bushel :	6,032	128 :	171 :	.80 :	102.68
to :	Tomatoes	84	Bushel :	9,134	109 :	528 :	1.50 :	163.11
to :	Turnips	8	Bushel :	518	64.8:	222 :	1.62 :	104.88
to :	Watermelons	63	Pound :	827,100	13,129 :	16,000 :	.02 :	262.57
to :	Subtotal	508	Acre :	- -	- -	- -	\$ 77,614 :	\$ 152.78

ANNEX - BOSTON DISTRICT (BOSTON DISTRICT OFFICE)

DEPARTMENT OF THE INTERIOR
UNITED STATES

CHIEF OF BUREAU

C R O P		AREA	UNIT OF:	PER ACRE		PER UNIT :	PER	
ITEM:	KIND	(ACRES)	YIELD :	TOTAL	AVERAGE	MAXIMUM	OF YIELD :	ACRE
49 :	Apricots	148	Pound :	1,524,000	10,297	26,000	0.075	772.30
	: Cherries	157	Pound :	578,300	3,683	25,000	0.13	478.85
to :	Grapes	24	Pound :	50,350	2,098	11,000	0.025	52.46
	: Plums	1	Pound :	11,000	11,000	11,000	0.10	1,100.00
	: Raspberries	9	Pound :	8,260	918	1,800	0.15	137.67
52 :	Strawberries	13	Pound :	38,160	2,935	4,800	0.14	410.92
	: Subtotal	352	Pound :	2,210,070	6,279	26,000	0.09	563.69
60 :	Bulbs	0.5	Acre :	- -	- -	- -	- -	1,000.00
	: Nursery	62.5	Acre :	- -	- -	- -	- -	650.00
	: Paprika	2.0	Pound :	4,600	2,300	5,333	3.50	8,050.00
to :	Henbane	0.5	Pound :	350	700	700	5.00	3,500.00
	: Rue	0.5	Pound :	500	1,000	1,000	5.00	5,000.00
	: Sage	41.0	Pound :	148,290	3,617	3,760	0.60	2,170.10
	: Stromonium	0.5	Pound :	800	1,600	1,600	2.00	3,200.00
61 :	Wormwood	0.5	Pound :	750	1,500	1,500	4.00	6,000.00
	: Subtotal	108.0	Acre :	- -	- -	- -	- -	1,435.64

IRRIGATED - NO CROP

	Acres		Acres
Alfalfa	88	Peaches	144
Apples	11	Pears	17
Apricots	24	Potatoes	5
Barley	1	Prunes	41
Beets, Table	1	Rutabagas	42
Cherries	69	Squash	7
Corn	8	Tomatoes	8
Grapes	16	Turnips	2
Oats	3	Watermelon	4
Onions	1	Soil Building	285
Pasture, Tame	8	Lawns & Trees	8
		Total.	789

NOT HARVESTED DUE TO LABOR SHORTAGE

Crop	Acres	Unit of Yield	Yield (Est.)
Peas, Green	1	Bushel	45
Squash	2	Pound	8,000
Sweetcorn	2	Bushel	175
Potatoes	24	Bushel	2,800
Total	29		

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	38	Bushel	674	17.7	48	3.90	\$ 2,629	\$ 69.18
	32. Onions, dry	193	Bushel	77,660	402	1,085	1.50	116,490	603.58
	33. Potatoes, white	2,312	Bushel	626,276	271	500	1.00	626,276	270.88
	34. Potatoes, sweet		Bushel						
	35. Gardens	27	Bushel						
	36. Truck ⁷ Carrots, Table	101	Bushel	65,420	648	2,000	0.55	35,981	356.25
	to ⁷ Peas, Green	928	Bushel	29,796	32.1	72	2.40	71,510	77.06
	42. ⁷ * Miscellaneous	508	Bushel					77,614	152.78
	Subtotal	4,197	Acre					\$ 933,540	\$ 227.30
	Fruits and Nuts	43. Apples	26	Pound	96,865	3,726	17,600	0.04	\$ 3,875
44. Peaches		617	Pound	6,245,911	10,123	22,222	0.045	281,066	455.54
45. Pears		126	Pound	1,783,000	14,151	53,333	0.04	71,320	566.03
46. Prunes		57	Pound	114,800	2,014	20,000	0.065	7,462	130.91
47, 48. Citrus fruit			Pound						
49-52. Small fruit **		352	Pound	2,210,070	6,279	26,000	0.09	198,419	563.69
53. Almonds			Pound						
54, 55. Miscellaneous ⁸			Pound						
Miscellaneous	Subtotal	1,178	Pound	10,450,646	8,872	53,333	0.054	\$ 562,142	\$ 477.20
	56. Sugar beets	105	Ton	2,133	20.3	27.9	8.10	\$ 17,277	\$ 164.54
	57. Cotton, lint		Bale						
	58. Cotton, seed		Ton						
	59. Other ⁹ Hops	196	Pound	423,913	2,163	3,000	0.61	258,587	1,319.32
	60, 61 ⁹ ** Miscellaneous	108	Acre					155,049	1,435.64
	Subtotal	409	Acre					430,913	\$ 1,053.58
Soil Im- prove- ment	62. Soil-building crops	841	Total value (sum of items 1 to 61, inclusive) Additional revenues received (see reverse hereof) Total and average gross value per acre ¹⁰				\$ 2,187,171		
	63. Fallowed land						\$ 13,844		
	Subtotal	841					\$ 2,200,515	\$ 244.99	
Total acreage reported		11,786							
Less duplicated areas		2,804							
Net area in cultivation		8,982							
Net area in cultivation		8,982	Value	IRRIGABLE AREAS BY FEATURES (Less C1-6 & Sunnyside Lands)			ACRES	FARMS	PERCENT OF PROJECT
Less fallowed, not irrigated				Total area irrigated	9,041	237	58.1		
Irrigated area (classes 1-4)		8,982		Area irrigable but not irrigated:	1,797	-	11.5		
Temporarily suspended area irrigated		51		(a) Idle (see "B" page 4 of Form 7-332)	4,493	***163	28.9		
(from separate cards class 5) C1-6		21		(b) Temporarily suspended ¹²	33	0	0.2		
Total area irrigated		9,054		(c) Buildings, yards, highways, rights-of-way	198	0	1.3		
				(d) Dry farmed	0	0	0.0		
				Grand total irrigable of project or division	15,562	400	100.0		

IRRIGABLE AREAS BY FEATURES

(Less C1-6 & Sunnyside Lands)

	ACRES	FARMS	PERCENT OF PROJECT
Total area irrigated	9,041	237	58.1
Area irrigable but not irrigated:	1,797	-	11.5
(a) Idle (see "B" page 4 of Form 7-332)	4,493	***163	28.9
(b) Temporarily suspended ¹²	33	0	0.2
(c) Buildings, yards, highways, rights-of-way	198	0	1.3
(d) Dry farmed	0	0	0.0
Grand total irrigable of project or division	15,562	400	100.0

⁷, ⁸, and ⁹, see footnote 1, page 1 of Sheet 1.
¹⁰ Average computed on "net area in cultivation."
 4 farms Sunnyside Division lands
 Total Area Irrigated 9,251

* See back of Sheet 1.
¹² To be assembled from separate cards for Class 5 lands. **See Sheet 1-A ***Estimated
 (OVER)

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
Sugar Beets	1942	2,969	Ton		\$ 7,155	\$ 2,108	\$ 9,263
Soil Conservation	1942				98		98
" "	1943				3,983		3,983
Totals					\$ 11,236	\$ 2,108	\$ 13,344

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	
Alfalfa Hay	201	Cornstalks	24	Pea Seed	8
Apricots	1	Garden	2	Potatoes	221
Barley	52	Lettuce	7	Rutabagas	12
Beans, Commercial	4	Oats	15	Rye	8
Beans, Seed	3	Other Hay	75	Soil Building	589
Beet Tops	105	Pasture, Clover	6	Straw	299
Carrots, Table	35	Pasture, Stubble	37	Turnips	4
Corn	1	Pea Ensilage	1,088	Wheat	7
				Total	2,804

U. S. GOVERNMENT PRINTING OFFICE

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