

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(April 1937)

Water user or project

Yakima-Sunnyside 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			
Irrigated for Production of This Crop	Cereals								
	1. Barley	703	Bushel	26,829	38.2	80.0	1.05	28,170	40.07
	2. Corn	2,736	Bushel	145,721	53.3	100.0	1.20	174,865	63.91
	3. Oats	3,545	Bushel	185,492	52.3	110.0	0.75	139,119	39.24
	4. Rye	119	Bushel	3,381	28.4	60.0	1.20	4,057	34.09
	5. Wheat	1,080	Bushel	72,717	36.7	92.5	1.35	98,168	49.58
	6. Other ¹		Bushel						
	Subtotal	9,083	Bushel	434,140	47.8	110.0	1.02	444,379	48.92
	Seed								
	7. Alfalfa	102	Bushel	297	2.9	7.4	23.40	6,950	68.14
	8. Clover	15	Bushel	90	6.0	6.0	21.00	1,890	126.00
	9. Other ² Peas	118	Bushel	2,148	18.2	20.0	2.40	5,155	43.69
	to ² Sweet Corn	82	Bushel	3,093	37.7	50.0	4.20	12,991	158.43
	14. ² *Miscellaneous	64	Bushel	524	8.2	25.0	24.98	13,092	204.56
	Subtotal	381	Bushel	6,152	16.1	50.0	6.51	40,078	105.19
	Hay and Forage								
	15. Alfalfa	23,372	Ton	82,501	3.5	9.0	18.75	1,546,894	66.18
	16. Bluejoint and timothy		Ton						
	17. Other hay ³	2,022	Ton	3,645	1.8	7.0	15.00	54,675	27.04
	18. Corn fodder ⁴	1,264	Ton	14,700	11.6	25.0	10.00	147,000	116.30
	19. Other forage ⁵ Straw	2,048	Ton	2,134	1.0	2.0	6.50	13,871	6.77
	to ⁵ Beet tops	1,487	Ton	10,552	7.1	12.0	0.50	5,276	3.55
	23. ⁵ *Miscellaneous	283	Ton	755	2.7	16.0	3.57	2,698	9.53
	24. Carrots, mangels	18	Ton	186	10.3	20.0	8.00	1,488	82.67
	25. Pasture ⁶ Natural	11,103	Acre					223,514	20.13
	to ⁶ Tame	7,981	Acre					266,362	33.37
	30. ⁶ *Miscellaneous	5,585	Acre					115,375	20.66
	Subtotal	55,163	Acre					2,377,153	43.09

Item numbers correspond to those on Form 7-332.

*See Supplementary Sheet.

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		
ITEM:	KIND	(ACRES)	YIELD	TOTAL	AVERAGE	MAXIMUM	OF YIELD	TOTAL	PER ACRE
	: Carrots	: 25	: Bushel	: 287	: 11.5	: 21.0	: 17.50	: 5,022	: 200.88
	: Cucumber	: 3	: Bushel	: 43	: 14.3	: 16.7	: 12.00	: 516	: 172.00
	: Millet	: 6	: Bushel	: 27	: 4.5	: 20.0	: 2.50	: 68	: 11.33
14	: Mustard	: 10	: Bushel	: 71	: 7.1	: 7.1	: 5.30	: 376	: 37.60
	: Onions	: 4	: Bushel	: 62	: 15.5	: 25.0	: 64.00	: 3,968	: 992.00 <i>onion seed</i>
	: Rutabagas	: 8	: Bushel	: 16	: 2.0	: 4.0	: 112.00	: 1,792	: 224.00
	: Strawberry Clover	: 8	: Bushel	: 18	: 2.2	: 3.3	: 75.00	: 1,350	: 168.75
	: Sub-totals	: 64	: Bushel	: 524	: 8.2	: 25.0	: 24.98	: 13,092	: 204.56
	: Cornstalks	: 254	: Ton	: 576	: 2.3	: 5.0	: 1.00	: 576	: 2.27
23	: Peas, Dry	: 14	: Ton	: 15	: 1.1	: 1.1	: 54.00	: 810	: 57.86
	: Sorghum Fodder	: 15	: Ton	: 164	: 10.9	: 16.0	: 8.00	: 1,312	: 87.47
	: Sub-Total	: 283	: Ton	: 755	: 2.7	: 16.0	: 3.57	: 2,698	: 9.53
	: Alfalfa Pasture	: 398	: Acre	:	:	:	:	: 13,967	: 35.09
	: Artichoke Pasture	: 8	: Acre	:	:	:	:	: 750	: 93.75
30	: Clover Pasture	: 536	: Acre	:	:	:	:	: 19,159	: 35.74
	: Other Pasture	: 1,411	: Acre	:	:	:	:	: 27,604	: 19.56
	: Strawb. Clover Pasture	: 1,192	: Acre	:	:	:	:	: 44,043	: 36.95
	: Stubble Pasture	: 2,040	: Acre	:	:	:	:	: 9,852	: 4.83
	: Sub-total	: 5,585	:	:	:	:	:	: 115,375	: 20.66
	: Beans, Lima	: 71	: Pound	: 58,640	: 826.0	: 2500	: .07	: 4,105	: 57.82
	: Beets, Table	: 1	: Bushel	: 14	: 14.0	: 14	: 1.56	: 22	: 22.00
	: Cabbage	: 9	: Pound	: 128,000	: 14,222.0	: 20,000	: .055	: 7,040	: 782.22 <i>Cabbage</i>
	: Cantaloupe	: 99	: Pound	: 1,037,680	: 10,482.0	: 26,000	: .03	: 31,130	: 314.44
	: Canning Corn	: 155	: Bushel	: 22,098	: 142.6	: 342.6	: .42	: 9,281	: 59.88
36	: Carrots, Table	: 239	: Bushel	: 157,120	: 657.4	: 1,200	: .75	: 117,840	: 493.05
	: Cucumbers	: 6	: Bushel	: 342	: 57.0	: 104.2	: 1.20	: 410	: 68.33
to	: Eggplant	: 4	: Bushel	: 2,949	: 737.2	: 942.7	: 1.65	: 4,866	: 1,216.50 <i>Eggplant</i>
	: Lettuce	: 6	: Pound	: 50,050	: 8,342.0	: 19,500	: .03	: 1,502	: 250.33
42	: Peas, Green	: 98	: Pound	: 202,250	: 2,064.0	: 4,111	: 0.0375	: 7,584	: 77.39
	: Parsnips	: 2	: Bushel	: 880	: 440.0	: 440	: 1.50	: 1,320	: 660.00
	: Pop Corn	: 437	: Bushel	: 12,961	: 29.7	: 72.4	: 3.60	: 46,660	: 106.77
	: Pumpkin	: 11	: Pound	: 224,000	: 20,364.0	: 24,000.0	: .02	: 4,480	: 407.27
	: Spinach	: 8	: Bushel	: 1,300	: 162.5	: 162.5	: .54	: 702	: 87.75
	: Squash	: 6	: Pound	: 7,000	: 1,167.0	: 500.	: .02	: 140	: 23.33
	: Tomatoes	: 169	: Bushel	: 36,304	: 214.8	: 679.2	: 1.05	: 38,119	: 225.56
	: Turnips	: 5	: Bushel	: 888	: 177.6	: 220.0	: 1.60	: 1,421	: 284.20
	: Watermelons	: 37	: Pound	: 399,600	: 10,800.0	: 30,000.0	: .025	: 9,990	: 270.00
	: Sub-total	: 1,363	: Acre	:	:	:	:	: 286,612	: 210.28

SHEET I-A (Continued from back of Sheet 1).

C R O P		UNIT	YIELDS		V A L U E S	
ITEM:	KIND	AREA: OF	TOTAL	AVERAGE	PER UNIT : OF YIELD :	PER ACRE
:	:	ACRES:YIELD :	:	MAXIMUM :	TOTAL :	:
49 :	Apricots	517: Pound:	4,504,881:	8,714: 40,000 :	\$.065:\$	292,817 : \$
:	Berries, Fresh	65: Pound:	90,126:	1,387: 5,711: :	.17 :	15,321 :
to :	Berries, Dry	50: Pound:	18,260:	365: 380 :	1.00 :	18,260 :
:	Cherries	1,471: Pound:	11,819,796:	8,035: 24,000 :	.135:	1,595,672 :
52 :	Currants	10: Pound:	22,000:	2,200: 9,000 :	.15 :	3,300 :
:	Grapes	1,991: Pound:	17,943,320:	9,012: 24,000 :	.03 :	538,300 :
:	Plums	102: Pound:	666,926:	6,538: 30,000 :	.06 :	40,016 :
:	Sub-total	4,206: Pound:	35,065,309:	8,337: 40,000: :	.071:	2,503,686 :
60 :	Broomcorn	5: Ton :	3:	.6: .7 :	300.00 :	900 :
:	Bulbs	16: Acre :	:	:	600.00 :	9,600 :
& :	Mint Oil	903: Pound:	44,472:	49: 100. :	5.00 :	222,360 :
:	Nursery	9: Acre :	:	:	800.00 :	7,200 :
61 :	Sage	3: Pound:	10,000:	3,333. :4,000. :	.50 :	5,000 :
:	Sorghum	19:Gallon:	1,850:	97.4: 210. :	2.00 :	3,700 :
:	Sub-total	955: Acre :	:	:	248,760 :	260.48

cherrie

sage

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.....	2	Bushel						
	32. Onions, dry.....	41	Bushel	8,435	205.7	875.0	1.40	11,809	
	33. Potatoes, white.....	(988)	Bushel	190,987	193.3	373.6	0.90	171,888	
	34. Potatoes, sweet.....		Bushel						
	35. Gardens.....	532	Bushel					86,544	
	36. Truck Asparagus.....	4,007	Bushel	17,351,939	4330	10000	.075	1,301,395	
	to 7 Rutabagas.....	962	Bushel	310,340	322.6	714.	.75	232,755	
	42. 7*Miscellaneous.....	1,363	Bushel					286,612	
	Subtotal.....	7,895	Acre					2,091,003	
	Fruits and Nuts	43. Apples.....	827	Pound	11,514,797	13924	50000	.045	518,166
44. Peaches.....		1,750	Pound	18,293,279	10453	36000	.04	731,731	
45. Pears.....		1,518	Pound	32,062,327	21,121	60000	.035	1,122,181	
46. Prunes.....		1,064	Pound	13,114,446	12,326	40000	.035	459,006	
47, 48. Citrus fruit.....			Pound						
49-52. Small fruit**.....		4,206	Pound	35,065,309	8,337	40000	.071	2,503,686	
53. Almonds.....			Pound						
54, 55. Miscellaneous : Nuts.....		9	Pound	4,200	467	1500	.35	1,470	
Subtotal.....	9,374	Pound	110,054,358	11,740	60000	.048	5,336,240		
Miscellaneous	56. Sugar beets.....	1,646	Ton	32,761	19.9	35	9.90	324,334	
	57. Cotton, lint.....		Bale						
	58. Cotton, seed.....		Ton						
	59. Other : Hops.....	3,127	Pound	5,617,184	1796	3000	.68	3,819,685	
	60, 61. Miscellaneous**.....	955	Acre					248,760	
	Subtotal.....	5,728	Acre					4,392,779	
Soil Im- prove- ment	62. Soil-building crops.....	1,420	Total value (sum of items 1 to 61, inclusive).....				\$ 14,681,632		
	63. Fallowed land.....	3,470	Additional revenues received (see reverse hereof).....				\$ 147,615		
	Subtotal.....	4,890	Total and average gross value per acre ¹⁰				\$ 14,829,247	\$ 177.67	
Total acreage reported.....		92,514							
Less duplicated areas.....		9,049							
Net area in cultivation.....		83,465							
Net area in cultivation.....		83,465	Value	IRRIGABLE AREAS BY FEATURES			ACRES	FARMS	PERCENT OF PROJECT
Less fallowed, not irrigated.....		3,135		(See Note)			81,354	3,114	78.6
Irrigated area (classes 1-4).....		80,330		Total area irrigated.....			10,444	347*	10.1
Temporarily suspended area irrigated.....		269		Area irrigable but not irrigated: Idle Farms.....			1,873	-	1.8
(from separate cards class 5).....		468		(a) Idle (see "B" page 4 of Form 7-332).....			1,245	93*	1.2
Total area irrigated.....		81,067	*See Sheet 1-A	(b) Temporarily suspended ¹² less lawns, etc.....			5,528	-	5.3
Lawns, flower gardens, etc. ^{7, 8, and 9} see footnotes, page 1.....		556		(c) Buildings, yards, highways, rights-of-way.....			3,135	-	3.0
Total Area Irrigated.....		81,623		(d) Dry farmed Fallowed (not irrigated).....			103,579	3,554*	100.0
				Grand total irrigable of project or division.....					

¹⁰ Average computed on "net area in cultivation"

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.

Note: Less rental area not irrigable, 269 Acres * Estimated.

DUPLICATED AREA

	Acres		Acres		Acres
Alfalfa Hay	1,365	Cantaloups	4	Grapes	15
Apricots	143	Corn	1	Oats	66
Asparagus	2	Corn Fodder	5	Other Hay	141
Barley	26	Corn Stalks	254	Pasture, Alfalfa	12
Beet Tops	1,487	Cherries	44	" Clover	8
Broom Corn	3	Cucumbers	2	" Stubble	2040
Carrots, Table	3	Ensilage	4	" Tame	8

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	1944				59,183	6,217	65,400
Soil Con- servation	1944				82,215	--	82,215
					141,598	6,217	147,815

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
Peaches	194	Prunes	22	Straw	2,048
Pears	14	Rutabagas	96	Tomatoes	1
Potatoes	10	Rye	11	Strawberry Clover Seed	6
Plums	10	Soil Building	973	Wheat	29
		Turnips	2	Total	9,049

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