

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(April 1937)

YAKIMA - SUNNYSIDE

Water user or project

Year of 19 37

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		896	Bushel	33,996	37.9	80	\$0.62	\$21,078	\$23.52	
	2. Corn		5,921	Bushel	262,585	44.3	100	0.65	170,680	28.83	
	3. Oats		3,072	Bushel	170,729	55.6	130	0.40	68,292	22.23	
	4. Rye		121	Bushel	2,735	22.6	70	0.80	2,168	18.08	
	5. Wheat		5,038	Bushel	165,143	32.8	82	0.75	123,857	24.58	
	6. Other ¹ Speltz		13	Bushel	542	41.7	50	0.52	282	21.69	
	Subtotal		15,061	Bushel	635,730	42.2	130	0.61	386,377	25.65	
Seed	7. Alfalfa		--	Bushel							
	8. Clover		28	Bushel	103	3.7	5	16.00	1,648	58.86	
	9. Other ² Broom corn		19	Bushel	165	8.7	25	5.00	825	43.42	
	to ² Peas		20	Bushel	232	10.6	30	1.20	638	12.76	
	14. ² Miscellaneous *		11	Bushel	283	25.7	63	3.29	931	84.64	
	Subtotal		108	Bushel	1,083	10.0	63	3.73	4,042	37.43	
Hay and Forage	15. Alfalfa		27,308	Ton	75,959	2.8	8	8.00	607,672	22.25	
	16. Bluejoint and timothy		--	Ton							
	17. Other hay ³		1,575	Ton	2,696	1.7	7	7.00	18,872	11.98	
	18. Corn fodder ⁴		925	Ton	11,042	11.1	30	4.00	44,168	44.39	
	19. Other forage ⁵ Beet Tops		962	Ton	8,431	8.8	15	0.40	3,372	3.50	
	to ⁵ Corn Stalks		203	Ton	445	2.2	5	1.00	445	2.19	
	23. ⁵ Miscellaneous *		216	Ton	326	1.5	30	3.00	647	3.00	
	24. Carrots, mangels		24	Ton	40	18.3	40	4.00	1,760	73.33	
	25. Pasture ⁶ Natural		11,466	Acre				5.00	57,330	5.00	
	to ⁶ Tame		3,068	Acre				24.76	75,950	24.76	
30. ⁶ Miscellaneous *		2,584	Acre					22,457	8.69		
	Subtotal		48,401						\$832,673	\$17.20	

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.)

Crop	Area		Unit of	Total	Per Acre		Per Unit	Total	Per Acre
	Acres	Yield			Average	Maximum	of Yield		
#14 Proso	5	Bushel		105	21.0	32	\$5.00	\$525	\$105.00
Vetch	2	Bushel		32	16.0	16	2.20	70	35.00
Millet	2	Bushel		50	25.0	25	2.50	120	60.00
Sunflower	2	Bushel		96	48.0	63	2.25	216	108.00
Subtotal	11	Bushel		283	25.7	63	3.29	331	84.64
#23 Other Fodder	9	Ton		107	11.9	30	4.00	428	47.56
to Straw	207	Ton		219	1.1	2.5	1.00	219	1.06
#30 Alfalfa Pasture	753	Acre					9.97	7,510	9.97
Clover Pasture	1,047	Acre					9.91	10,380	9.91
Other Pasture	784	Acre					5.83	4,567	5.83
Subtotal	2,800							23,104	8.25
#42 Artichoke	3	Pound		26,000	8,667.0	8,667	0.01	260	86.67
Cabbage	18	Pound		230,000	12,778.0	25,700	0.01	2,300	127.78
Cantaloups	36	Pound		296,226	8,228.0	16,250	0.01	2,962	82.28
Carrots	33	Bushel		26,460	801.8	1,400	0.20	5,292	160.36
Egg Plant	7	Bushel		5,142	734.6	853	0.38	1,954	279.14
Lettuce	3	Pound		--	--	--		--	--
Melons	10	Pound		100,000	10,000.0	26,667	0.005	500	50.00
Popcorn	560	Bushel		17,660	31.5	77.8	1.20	21,192	37.84
Rutabagas	496	Bushel		170,940	344.6	640	0.25	42,735	86.16
Rhubarb	2	Pound		6,000	3,000.0	3,000	0.01	60	30.00
Sweet Corn	116	Bushel		13,851	119.4	220	0.25	3,463	29.85
Tomatoes	32	Bushel		5,269	164.7	188.9	0.30	1,581	49.41
Subtotal	1,316							82,299	62.54
#49 Apricots	371	Pound		2,355,632	6,349	40,000	0.0225	53,002	142.86
to Berries	45	Pound		34,654	770	4,600	0.08	2,772	61.60
#52 Cherries	1,234	Pound		1,183,874	959	12,000	0.08	94,710	76.75
Grapes	735	Pound		4,150,724	5,647	20,000	0.015	62,261	84.71
Plums	46	Pound		150,787	3,278	15,000	0.02	3,016	65.56
Subtotal	2,431	Pound		7,875,671	3,240	40,000	0.0274	215,761	88.75
#60 Broom Corn	42	Ton		15	0.36	1	110.00	1,650	39.28
& Mint	19	Pound		922	48.5	51	2.00	1,844	97.05
#61 Nursery	65	Acre					400.00	26,000	400.00
Sorghum	3	Gallon		157	52.3	80	0.65	102	34.00
Subtotal	129							\$29,596	\$229.43

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	43	Bushel	532	12.4	33	\$1.80	958	\$22.28
	32. Onions, dry	21	Bushel	12,295	585.5	875	0.35	4,303	204.90
	33. Potatoes, white	4,380	Bushel	1,004,380	229.3	600	0.24	241,048	55.03
	34. Potatoes, sweet	--	Bushel						
	35. Gardens	845	Bushel/Acre				99.53	84,100	99.53
	36. Truck ⁷ asparagus	1,855	Bushel/Lb	5,225,253	2,817	12,000	0.05	261,263	140.84
	to ⁷ Squash	1,367	Bushel	25,073,562	18,342	70,000	0.00125	31,342	22.93
	42. ⁷ Miscellaneous *	1,316	Bushel/Lb.					82,299	62.54
	Subtotal	9,827						705,313	71.77
	Fruits and Nuts	43. Apples	3,268	Pound	49,263,316	15,074	49,000	0.004	197,053
44. Peaches		1,407	Pound	5,523,136	3,925	40,000	0.0175	96,655	68.70
45. Pears		2,520	Pound	33,577,881	13,325	44,000	0.01	335,779	133.25
46. Prunes		841	Pound	4,306,277	5,120	40,000	0.015	64,594	76.81
47, 48. Citrus fruit		--	Pound						
49-52. Small fruit *		2,431	Pound	7,875,671	3,240	40,000	0.0274	215,761	88.75
53. Almonds		--	Pound						
54, 55. Miscellaneous Nuts		11	Pound	2,300	209	1,000	0.15	345	31.36
Subtotal	10,478	Pound	100,548,581	9,596	49,000	0.0091	910,187	86.87	
Miscellaneous	56. Sugar beets	1,241	Ton	19,296	15.5	25	5.00	96,480	77.74
	57. Cotton, lint	--	Bale						
	58. Cotton, seed	--	Ton						
	59. Other ⁹ Hops	526	Pound	1,102,090	2,095	2,843	0.15	165,314	314.28
	60, 61 ⁹ Miscellaneous *	129	Acre					29,596	229.43
Subtotal	1,896						291,390	153.69	
Soil Im- prove- ment	62. Soil-building crops	316	Total value (sum of items 1 to 61, inclusive)					\$3,129,982	
	63. Fallowed land	4,001	Additional revenues received (see reverse hereof)					\$ 45,647	
	Subtotal	4,317	Total and average gross value per acre ¹⁰					\$3,175,629	\$ 38.07
Total acreage reported		90,088							
Less duplicated areas		6,668							
Net area in cultivation		83,420							
Net area in cultivation		83,420	Value	IRRIGABLE AREAS BY FEATURES					
Less fallowed, not irrigated		3,469							
Irrigated area (classes 1-4)		79,951		Total area irrigated (See Note)					
Temporarily suspended area irrigated		492		Area irrigable but not irrigated:					
(from separate cards class 5)		354		(a) Idle (see "B" page 4 of Form 7-332)					
Total area irrigated Subtotal		80,797	(b) Temporarily suspended ¹²						
			(c) Buildings, yards, highways, rights-of-way						
			(d) Dry-farmed Fallowed						
			Grand total irrigable of project or division						
			105,860 3,630** 100.0						

	Acres		Acres		Acres
Prunes	39	Pasture, Other	297	Squash	40
Plums	4	Pasture, Stubble	22	Soil Building	214
Potatoes	45	Pasture, Natural	21	Wheat	53
Pasture, Clover	31	Spoltz	2		
Pasture, Tamo	26	Straw	207	TOTAL	6,668

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 ³	FACTORY ⁴	TOTAL
Soil Building)	1935				\$2,360.13		\$2,360.13
Diversion)							
of Acreage)	1936				36,585.87		36,585.87
and)							
Sugar Beets)	1937				1,725.08		1,725.08
Sugar Beets	1936	5,103	Ton	\$0.975		\$4,975.43	\$4,975.43
						TOTAL	\$45,646.51

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	Acres
Alfalfa Hay 3,494	Broom Corn seed 19	Corn Fodder 136	Nuts 2
Alfalfa Pasture 164	Berries 4	Clover Seed 21	Oats 6
Asparagus 43	Cantaloups 3	Corn Stalks 114	Other Hay 42
Apricots 81	Carrots 2	Ensilago 6	Rutabagas 30
Beans 2	Cherries 7	Grapes 8	Peaches 257
Beet Tops 954	Corn 108	Gardens 3	Pears 101

(See above)