

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(April 1937)

FINAL

Water user or project YAKIMA - KITTITAS Year of 19 40

CROP			AREA (Acres)	UNIT OF YIELD	YIELDS		VALUES			
ITEM	KIND	TOTAL			PER ACRE		PER UNIT OF YIELD	TOTAL	PER ACRE	
					Average	Maximum				
Cereals	1. Barley		2,088	Bushel	99,311	47.6	92	\$.40	\$ 39,724	\$19.02
	2. Corn			Bushel						
	3. Oats		5,203	Bushel	301,479	57.9	142	.30	90,444	17.38
	4. Rye		16	Bushel	175	10.9	11	.50	88	5.50
	5. Wheat		5,222	Bushel	188,792	36.2	83	.60	113,275	21.69
	6. Other ¹			Bushel						
	Subtotal		12,529	Bushel	589,757	47.1	142	.41	243,531	19.44
Seed	7. Alfalfa		250	Bushel	491	2.0	4	6.00	2,946	11.78
	8. Clover Red		2,220	Bushel	6,896	3.1	9	3.00	20,688	9.32
	9. Other ² Peas		546	Bushel	10,411	19.1	50	.90	9,370	17.16
	to ² Ladino Clover		356	Bushel	640	1.8	4	30.00	19,200	53.93
	14. ² Other *		223	Bushel	1,031	4.6	11	8.77	9,041	40.54
	Subtotal		3,595	Bushel	19,469	5.4	50	3.14	61,245	17.04
Hay and Forage	15. Alfalfa		10,495	Ton	23,144	2.2	5	5.00	115,720	11.03
	16. Bluejoint and timothy		3,417	Ton	6,225	1.8	4	7.00	43,575	12.75
	17. Other hay ³		11,640	Ton	20,385	1.8	4	5.55	113,099	9.72
	18. Corn fodder ⁴		31	Ton	192	6.2	6	1.50	288	9.29
	19. Other forage ⁵ Wheat Straw		4,864	Ton	4,428	.9	3	1.00	4,428	.91
	to ⁵ Oat Straw		4,803	Ton	4,348	.9	2	1.00	4,348	.91
	23. ⁵ Other Forage *		4,938	Ton	4,779	1.0	6	1.24	5,926	1.20
	24. Carrots, mangels			Ton						
	25. Pasture ⁶ Tame (seeded)		7,428	Acre				8.00	59,424	8.00
	to ⁶ Natural Pasture		3,590	Acre				1.50	5,385	1.50
	30. ⁶ Other Pasture *		37,372	Acre				1.41	52,850	1.41
	Subtotal		88,578					4.57	405,043	4.57

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:		Per Acre		Per Unit:	
		Acres	Yield	Total	Average	Maximum	of Yield	Total	Per Acre
#14	Bluegrass	4	Bushel	2	.5	.5	\$ 1.60	\$ 3	\$.75
	Alsike Clover	87	Bushel	279	3.2	7	3.00	837	9.62
	Yellow Clover	34	Bushel	377	11.1	11	1.80	679	19.97
	Flax Seed	15	Bushel	120	8.0	8	.85	102	6.80
	Michels Grass Seed	5	Bushel	10	2.0	2	1.00	10	2.00
	White Dutch Clover	70	Bushel	223	3.2	4	30.00	6,690	95.57
	Strawberry Clover	8	Bushel	20	2.5	4	36.00	720	90.00
	Subtotal	223	Bushel	1,031	4.6	11	8.77	9,041	40.54
#17	Clover	4,877	Ton	8,279	1.7	4	5.00	41,395	8.49
	Grain	293	Ton	373	1.3	2	3.50	1,306	4.46
	Mixed	6,470	Ton	11,733	1.8	4	6.00	70,398	10.88
	Subtotal	11,640	Ton	20,385	1.8	4	5.55	113,099	9.72
#23	Alfalfa Straw	120	Ton	113	.9	2	1.00	113	.94
	Clover Straw	2,510	Ton	2,152	.9	2	1.75	3,766	1.50
	Pea Straw	277	Ton	195	.7	1	1.00	195	.70
	Beet Tops	115	Ton	233	2.0	3	.50	116	1.01
	Barley Straw	1,694	Ton	1,385	.8	2	1.00	1,385	.82
	Rye Straw	16	Ton	9	.6	1	.50	5	.31
	Cornstalks	206	Ton	692	3.4	6	.50	346	1.68
	Subtotal	4,938	Ton	4,779	1.0	6	1.24	5,926	1.20
#30	Alfalfa Pasture	295	Acre				7.00	2,065	7.00
	Clover Pasture	664	Acre				8.00	5,312	8.00
	Grain Stubble	11,299	Acre				.75	8,474	.75
	Hay Stubble	24,558	Acre				1.45	35,609	1.45
	Other Pasture	556	Acre				2.50	1,390	2.50
	Subtotal	37,372	Acre				1.41	52,850	1.41
#49 to #52	Strawberries	9½	Pound	18,655	1964	6400	.03	560	58.95
	Raspberries	½	Pound	1,200	2400	2400	.05	60	120.00
#52	Subtotal	10	Pound	19,855	1986	6400	.031	620	62.00

IRRIGATED - NO CROP HARVESTED

	Acres		Acres		Acres
Wheat	184	Ladino Clover	95	Seed Peas	4
Alfalfa Hay	78	Tame Pasture	113	Other Pasture	25
Barley	76	Sugar Beets	20	Clover Hay	63
Potatoes	43	Gardens	1	Lettuce	2
Apples	14	Pears	9	Subtotal	813
Oats	86			Soil Building	108
				TOTAL	921

CROP		AREA (Acres)	UNIT OF YIELD	YIELDS			VALUES			
ITEM	KIND			TOTAL	PER ACRE		PER UNIT OF YIELD	TOTAL	PER ACRE	
				Average	Maximum					
Irrigated for Production of This Crop	Vegetables and Truck	31. Beans, commercial	3	Bushel	100	33.3	33	\$.60	\$60	\$20.00
		32. Onions, dry	5,204	Bushel	1,998,801	384	733	.25	499,700	96.02
		33. Potatoes, white		Bushel						
		34. Potatoes, sweet	67	Bushel				50.00	3,350	50.00
		35. Gardens	461	Bushel	53,914	117	168	.29	15,635	33.92
		36. Truck ⁷ Canning Corn	7	Bushel	4,500	643	643	.016	72	10.29
		42. ⁷ Lettuce		Bushel						
	Subtotal		5,742					518,817	90.35	
	Fruits and Nuts	43. Apples	25	Pound	1,713	68.5	1000	.01	17	.68
		44. Peaches	14	Pound	6,000	428.6	1200	.01	60	4.29
		45. Pears		Pound						
		46. Prunes		Pound						
		47, 48. Citrus fruit	10	Pound	19,855	1986	6400	.031	620	62.00
		49-52. Small fruit [*]		Pound						
		53. Almonds		Pound						
54, 55. Miscellaneous ⁸	49	Pound	27,568	562.6	6400	.025	697	14.22		
Subtotal		135					5,088	37.69		
Miscellaneous	56. Sugar beets	135	Ton	1,241	9.2	20	4.10	5,088	37.69	
	57. Cotton, lint		Bale							
	58. Cotton, seed		Ton							
	59. Other ⁹									
Subtotal		135	Ton	1,241	9.2	20	4.10	5,088	37.69	
Soil Im- prove- ment	62. Soil-building crops	108	Total value (sum of items 1 to 61, inclusive)					\$1,234,421		
	63. Fallowed land	575	Additional revenues received (see reverse hereof)					\$74,012		
	Subtotal	683	Total and average gross value per acre ¹⁰					\$1,308,433	\$22.39	
Total acreage reported		111,311								
Less duplicated areas		52,862								
Net area in cultivation		58,449								
Net area in cultivation		58,449	Value	Total area irrigated			57,991	770	82.6	
Less fallowed, not irrigated		575		Area irrigable but not irrigated:						
Irrigated area (classes 1-4)		57,874		(a) Idle (see "B" page 4 of Form 7-332)			8,206	99	11.7	
Temporarily suspended area irrigated		86		(b) Temporarily suspended ¹²			873		1.2	
(from separate cards class 5)			\$415	(c) Buildings, yards, highways, rights-of-way			2,515		3.6	
Sub- Total area irrigated		57,960		(d) Dry farmed and fallowed			601		.9	
Lawns, windbreaks, etc.		31		Grand total irrigable of project or division			70,186	869	100.0	
Total area irrigated		57,991								

⁷, ⁸, and ⁹, see footnotes, page 1.¹⁰ 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.

(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 ¹	YEAR ²	ACREAGE OR TONNAGE ²	UNIT ON WHICH BASED	PAYMENTS			
				PER UNIT	FEDERAL ³	FACTORY ⁴	TOTAL
Potatoes	1940				\$33,000		\$33,000
Soil Building	1940				17,000		17,000
Sugar Beets	1939				5,506	\$506	6,012
Wheat - A.C.P.	1940				10,000		10,000
Wheat Parity	1940				8,000		8,000
			TOTAL		\$73,506	\$506	\$74,012

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.)

	Acrea		Acrea
Red Clover Seed	2,220	Alfalfa Seed	180
Alfalfa Straw	120	Clover Straw	2,510
Pea Straw	277	Wheat Straw	4,864
Grain Stubble	11,299	Beet Tops	115
Barley Straw	1,694	Oat Straw	4,803
Rye Straw	16	Cornstalks	206
Hay Stubble	24,558	TOTAL	52,862

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