

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(November 1944)
Budget Bur. No. 42-R-507.1.
Approval expires 3/16/46.

Water user or project

YAKIMA - KITTITAS DIVISION

Year of 19 46

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	1,634	Bushel	89,385	54.7	115	\$ 1.20	\$ 107,262.	\$ 65.64
	2. Corn		Bushel						
	3. Oats	4,125	Bushel	252,534	61.2	111	.83	209,603.	50.81
	4. Rye	33	Bushel	250	7.6	16	1.50	375.	11.36
	5. Wheat	4,052	Bushel	164,599	40.6	81	1.65	271,588.	67.03
	6. Other ¹		Bushel						
	Subtotal	9,844	Bushel	506,768	51.5	115	1.16	588,828.	59.82
Seed	7. Alfalfa	47	Bushel	84	1.8	4	20.00	1,680.	35.74
	8. Clover , Red	275	Bushel	812	3.0	4	17.50	14,210.	51.67
	9. Other ² *	20	Bushel	32	1.6	2+	4.00	128.	6.40
	to ²		Bushel						
	14. ²		Bushel						
	Subtotal	342	Bushel	928	2.7	4	17.26	16,018.	46.84
Hay and Forage	15. Alfalfa	7,617	Ton	20,954	2.8	7	15.25	319,549.	41.95
	16. Bluejoint and timothy	10,885	Ton	20,009	1.8	4	15.25	306,137.	28.03
	17. Other hay ³ *	5,318	Ton	11,755	2.2	5	10.44	122,745.	23.08
	18. Corn fodder ⁴	137	Ton	724	5.3	13	5.00	3,620.	26.42
	19. Other forage ⁵ Grain Straw	7,975	Ton	8,110	1.0	2	4.00	32,440.	4.07
	to ⁵ Cornstalks	1,805	Ton	3,172	1.8	6	1.75	5,551.	3.08
	23. ⁵ Other Forage *	112	Ton	103	.9	2	2.71	279.	2.49
	24. Carrots, mangels		Ton						
	25. Pasture ⁶ Tame Seeded	9,299	Acre				16.00	148,784.	16.00
	to ⁶ Natural Pasture	2,498	Acre				2.00	4,996.	2.00
	30. ⁶ Other Pasture *	25,841	Acre				1.77	45,612.	1.77
	Subtotal	71,487	Acre					\$ 988,713.	\$ 13.83

Item numbers correspond to those on Form 7-332.

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.)

* See back of sheet.

ITEM	C R O P K I N D	: AREA : (ACRES)	: UNIT OF: : YIELD	: TOTAL	: PER ACRE		: PER UNIT: : OF YIELD	: TOTAL	: PER : ACRE
					: AVERAGE	: MAXIMUM			
	: Peas, Seed	: 5	: Bushels	: - -	: - -	: - -	: \$ 2.30	: - -	: - -
9	: Brome Grass Seed	: 15	: Bushels	: 32	: 2.1	: 2+	: \$ 4.00	: \$ 128.	: \$ 8.53
	: Sub-total	: 20	: Bushels	: 32	: 1.6	: 2+	: \$ 4.00	: \$ 128.	: \$ 6.40
	: Mixed Hay	: 4,225	: Ton	: 9,779	: 2.3	: 5	: 10.00	: 97,790.	: 23.15
17	: Clover Hay	: 562	: Ton	: 1,039	: 1.8	: 5	: 15.00	: 15,585.	: 27.73
	: Grain Hay	: 531	: Ton	: 937	: 1.8	: 3	: 10.00	: 9,370.	: 17.65
	: Sub-total	: 5,318	: Ton	: 11,755	: 2.2	: 5	: \$ 10.44	: \$ 122,745.	: \$ 23.08
	: Sugar Beet Tops	: 10	: Ton	: 20	: 2.0	: 2	: 1.50	: 30.	: 3.00
	: Clover Straw	: 102	: Ton	: 83	: .8	: 2	: 3.00	: 249.	: 2.44
	: Sub-total	: 112	: Ton	: 103	: .9	: 2	: \$ 2.71	: \$ 279.	: \$ 2.49
	: Alfalfa Pasture	: 79	: Acres	:	:	:	: 15.00	: 1,185.	: 15.00
	: Clover Pasture	: 26	: Acres	:	:	:	: 13.50	: 351.	: 13.50
30	: Hay Stubble Pasture	: 17,147	: Acres	:	:	:	: 2.00	: 34,294.	: 2.00
	: Grain Stubble Pasture	: 8,059	: Acres	:	:	:	: 1.00	: 8,059.	: 1.00
	: Other Pasture	: 530	: Acres	:	:	:	: 3.25	: 1,723.	: 3.25
	: Sub-total	: 25,841	: Acres	:	:	:	: \$ 1.77	: \$ 45,612.	: \$ 1.77

IRRIGATED - NO CROP HARVESTED

	Acres
Rye	13
Peas, Seed	5
Corn, canning	41
Wheat	5
Alfalfa Hay	65
Potatoes, White	120
Other Hay	20
Soil Building	254
Total	523

97 acres Class 5 land in other pasture valued at \$8.00 per acre.

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		Bushel								
	33. Potatoes, white	4,458	Bushel	1,693,233	380	633	.60	\$1,015,940.	\$ 227.89		
	34. Potatoes, sweet		Bushel								
	35. Gardens	12	Acres								
	36. Truck ⁷ Canning Corn	3,125	Bushel	748,877	240	457	60.00	720.	60.00		
	to ⁷		Bushel				.3325	249,002.	79.68		
	42. ⁷		Bushel								
	Subtotal	7,595	Acre								
	Fruits and Nuts	43. Apples	4	Pound	14,000	3,500	12,000	.04	560.	140.00	
44. Peaches			Pound								
45. Pears			Pound								
46. Prunes			Pound								
47, 48. Citrus fruit			Pound								
49-52. Small fruits strawberries		2	Pound	3,000	1,500	4,000	.15	450.	225.00		
53. Almonds			Pound								
54, 55. Miscellaneous ⁸		Pound									
Subtotal	6	Pound	17,000	2,833	12,000	.059	1,010.	168.33			
Miscellaneous	56. Sugar beets	12	Ton	150	12.5	20	10.25	1,538.	128.17		
	57. Cotton, lint		Bale								
	58. Cotton, seed		Ton								
	59. Other ⁹										
	60, 61 Game Farm & Radio Beacon	60	Acres				10.00	600.	10.00		
Subtotal	72	Acres									
Soil Im- prove- ment	62. Soil-building crops	254	Total value (sum of items 1 to 61, inclusive)						\$ 2,138.	\$ 29.69	
	63. Fallowed land	314	Additional revenues received (see reverse hereof)						\$ 2,862,369.		
	Subtotal	568	Total and average gross value per acre ¹⁰						\$ 54,350.	\$	
Total acreage reported		89,914							\$ 2,016,710.	\$ 53.65	
Less duplicated areas **		35,551	IRRIGABLE AREAS BY FEATURES						ACRES	FARMS	PERCENT OF PROJECT
Net area in cultivation		54,363									
Net area in cultivation		54,363	Value	Total area irrigated			54,186	652	77.9		
Less fallowed, not irrigated		314		Area irrigable but not irrigated: (1)			2,945	110	4.2		
Irrigated area (classes 1-4)		54,049		(a) Idle (see "B" page 4 of Form 7-332) (2)			8,761		12.6		
Temporarily suspended area irrigated (from separate cards class 5) *		97		(b) Temporarily suspended ¹²			862		1.2		
Total area irrigated		54,146		(c) Buildings, yards, highways, rights-of-way			2,484		3.6		
				(d) Dry farmed (fallowed)			314		0.5		
				Grand total irrigable of project or division			69,552	762	100.0		
Lands and Forests, page 1.		40	* See back sheet 1						Value not to be included in total value used for determining average gross acre income.		
Average computed on "net area in cultivation."			** See back Sheet 2						(1) Entire Farm Idle		
Total Acres Irrigated		54,186							(2) Idle Portions of Operating Farms		

Lands and Forests, page 1.

Average computed on "net area in cultivation."

* See back sheet 1

** See back Sheet 2

Value not to be included in total value used for determining average gross acre income.

To be assembled from separate cards for Class 5 lands.

(1) Entire Farm Idle
(2) Idle Portions of Operating Farms

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 ⁴
Other Crops- A.C.P.	1945				\$54,350.00		\$54,350.00

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.)

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

	Acres		Acres
Grain Straws	7,975	Cornstalks	1,805
Sugar Beet Tops	10	Clover Straw	102
Hay Stubble Pasture	17,147	Grain Stubble Pasture	8,059
Red Clover Seed	275	Alfalfa Seed	47
Peas, Seed	5	Brome Grass Seed	15
Alfalfa Hay	65	Canning Corn	46
		Total	35,551