

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(April 1937)

Water user or project

YAKIMA - KITTITAS DIVISION

Year of 1945

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	1,570	Bushel	77,300	49.2	83	\$.91	\$ 70,343.00	\$ 44.80	
	2. Corn		Bushel							
	3. Oats	4,574	Bushel	335,665	73.4	137	.64	214,826.00	46.97	
	4. Rye	4	Bushel	80	20.0	20	1.20	96.00	24.00	
	5. Wheat	2,174	Bushel	91,322	42.0	80	1.30	118,719.00	54.61	
	6. Other ¹		Bushel							
	Subtotal	8,322	Bushel	504,367	60.6	137	0.80	\$403,984.00	\$ 48.54	
Seed	7. Alfalfa	90	Bushel	345	3.8	25	20.00	6,900.00	76.66	
	8. Clover Red	300	Bushel	658	2.2	8	15.00	9,870.00	32.90	
	9. Other ² Peas, Seed	135	Bushel	1,050	7.8	26	2.25	2,363.00	17.50	
	to ²		Bushel							
	14. ²		Bushel							
	Subtotal	525	Bushel	2,053	3.9	26	9.32	\$ 19,133.00	\$ 36.44	
Hay and Forage	15. Alfalfa	7,829	Ton	21,136	2.7	5½	17.00	359,312.00	45.89	
	16. Bluejoint and timothy	12,272	Ton	22,563	1.8	4½	17.00	383,571.00	31.26	
	17. Other hay ³ *	5,353	Ton	9,785	1.8	6	11.37	111,284.00	20.79	
	18. Corn fodder ⁴	101	Ton	570	5.6	8	5.00	2,850.00	28.22	
	19. Other forage ⁵ Oat Straw	3,845	Ton	3,550	.9	1½	4.00	14,200.00	3.69	
	to ⁵ Wheat "	1,654	Ton	1,744	1.0	3	4.00	6,976.00	4.22	
	23. ⁵ Other Forage*	3,176	Ton	5,215	1.6	10	3.06	15,961.00	5.03	
	24. Carrots, mangels		Ton							
	25. Pasture ⁶ Tame Seeded	7,867	Acre				16.00	125,872.00	16.00	
	to ⁶ Natural Pasture	2,690	Acre				2.00	5,380.00	2.00	
30. ⁶ Other Pasture *	27,809	Acre				1.92	53,329.00	1.92		
	Subtotal	72,596	Acre				\$1,078,735.00	\$ 14.86		

Item numbers correspond to those on Form 7-332.

* See back of 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.)

ITEM:	C R O P	AREA (ACRES)	UNIT OF YIELD	TOTAL	PER ACRE AVERAGE	PER ACRE MAXIMUM	PER UNIT OF YIELD	TOTAL	PER ACRE
17	Mixed Hay	4,387	Ton	8,311	1.9	4	\$ 11.00	\$91,421.00	\$ 20.84
	Clover Hay	518	Ton	811	1.6	5	15.50	12,570.00	24.27
	Oat Hay	406	Ton	605	1.5	6	11.00	6,665.00	16.39
	Wheat Hay	42	Ton	58	1.4	2	11.00	638.00	15.19
	Sub-total	5,353	Ton	9,785	1.8	6	\$ 11.37	111,284.00	20.79
23	Barley Straw	1,150	Ton	1,032	.9	1½	3.00	3,096.00	2.69
	Rye Straw	4	Ton	4	1.0	1	5.00	20.00	5.00
	Pea Straw	30	Ton	25	.9	1	2.00	50.00	1.67
	Clover Straw	124	Ton	104	.9	1½	3.00	312.00	2.52
	Cornstalks	1,844	Ton	3,859	2.1	5½	1.75	6,753.00	3.66
	Squash	24	Ton	191	8.0	10	30.00	5,730.00	238.75
	Sub-total	3,176	Ton	5,215	1.6	10	3.06	15,961.00	5.03
30	Alfalfa Pasture	73	Acres				15.00	1,095.00	15.00
	Clover Pasture	142	Acres				13.50	1,917.00	13.50
	Hay Stubble Pasture	20,959	Acres				2.00	41,918.00	2.00
	Grain Stubble Pasture	5,851	Acres				1.00	5,851.00	1.00
	Other Pasture	784	Acres				3.25	2,548.00	3.25
	Sub-total	27,809	Acres				1.92	53,329.00	1.92

IRRIGATED - NO CROP HARVESTED

	Acres
Alfalfa - New Seeding	27
Oats	47
Canning Corn	40
Potatoes	26
Peas	20
Bluejoint & Timothy	40
Soil Building	525
Total	725

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.....	5,045	Bushel	1,761,224	349	666	\$.65	\$1,144,796.00	\$226.92
	34. Potatoes, sweet.....		Bushel						
	35. Gardens.....	28	Bushel				60.00	1,680.00	60.00
	36. Truck ' Canning Corn.....	2,609	Bushel	518,774	199	502	.3325	172,492.00	66.11
	to '.....		Bushel						
	42. '.....		Bushel						
	Subtotal.....	7,682	Acre					\$1,318,968.00	\$171.69
Fruits and Nuts	43. Apples.....	8	Pound	10,750	1,344	6,000	.04	430.00	53.75
	44. Peaches.....		Pound...						
	45. Pears.....	5	Pound...	3,000	600	600	.025	75.00	15.00
	46. Prunes.....		Pound...						
	47, 48. Citrus fruit.....		Pound...						
	49-52. Small fruit Strawberries.....	2	Pound...	3,200	1,600	2,000	.15	480.00	240.00
	53. Almonds.....		Pound...						
Miscellaneous	54, 55. Miscellaneous ⁸		Pound						
	Subtotal.....	15	Pound	16,950	1,130	6,000	.058	985.00	65.67
	56. Sugar beets.....		Ton.....						
	57. Cotton, lint.....		Bale.....						
Soil Im- prove- ment	58. Cotton, seed.....		Ton.....						
	59. Other ⁹								
	60, 61 Cam Farm & Radio Beacon.....	80	Acres				10.00	800.00	10.00
	Subtotal.....	80	Acre				10.00	800.00	10.00
Soil Im- prove- ment	62. Soil-building crops.....	525	Total value (sum of items 1 to 61, inclusive).....					\$2,822,605.00	
	63. Fallowed land.....	422	Additional revenues received (see reverse hereof).....					\$ 60,800.00	
	Subtotal.....	947	Total and average gross value per acre ¹⁰					\$2,883,405.00	\$ 52.93
Total acreage reported.....		90,167		IRRIGABLE AREAS BY FEATURES			ACRES	FARMS	PERCENT OF PROJECT
Less duplicated areas **.....		35,688							
Net area in cultivation.....		54,479		Total area irrigated.....			54,194	663	77.8
Net area in cultivation.....		54,479	Value	Area irrigable but not irrigated: (1).....			2,945	110	4.2
Less fallowed, not irrigated.....		422		(a) Idle (see "B" page 4 of Form 7-332). (2).....			8,645		12.5
Irrigated area (classes 1-4).....		54,057	\$776.00	(b) Temporarily suspended ¹²			862		1.3
Temporarily suspended area irrigated				(c) Buildings, yards, highways, rights-of-way.....			2,484		3.6
(from separate cards class 5) *.....		97		(d) Dry farmed (Fallowed).....			422		.6
Total area irrigated.....		54,154		Grand total irrigable of project or division.....			69,552	773	100.0

Lawns, and, see for notes, page 1. 40

¹⁰ Average computed on "net area in cultivation."

Total Acres Irrigated 54,194

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.

*See Back of Sheet 1 (OVER) **See Back Sheet 2. (1) Entire Farm Idle. of Oper. Farms. (2) Idle Portions

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	TOTAL
Other Crops-A.C.P.	1944				\$60,800	\$60,800

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
Red Clover Seed	227	Pea Straw	30
Barley Straw	1150	Clover Straw	124
Oat Straw	3845	Cornstalks	1844
Wheat Straw	1654	Hay Stubble Pasture	20959
Rye Straw	4	Gr. Stubble Pasture	5851
		Total	35688

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