

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

CROP YIELD REPORT
7-316
(April 1937)

FINAL

Water user or project

YAKIMA - TETON

Year of 19 39

| 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 | | 176 | Bushel | 6,817 | 38.7 | 67 | \$0.45 | \$3,068 | \$17.43 |
| | 2. Corn | | 199 | Bushel | 7,036 | 35.4 | 67 | 0.55 | 3,870 | 19.45 |
| | 3. Oats | | 190 | Bushel | 8,471 | 44.6 | 75 | 0.32 | 2,711 | 14.27 |
| | 4. Rye | | | Bushel | | | | | | |
| | 5. Wheat | | 442 | Bushel | 11,718 | 26.5 | 54 | 0.60 | 7,031 | 15.91 |
| | 6. Other ¹ | | | Bushel | | | | | | |
| | Subtotal | | 1,007 | Bushel | 34,042 | 33.8 | 75 | 0.49 | 16,680 | 16.56 |
| | 7. Alfalfa | | 11 | Bushel | 7 | 0.6 | 0.6 | 12.80 | 90 | 8.18 |
| | 8. Clover | Strawberry | 6 | Bushel | - | - | - | - | - | - |
| | 9. Other ² | | | Bushel | | | | | | |
| Seed | to ² | | Bushel | | | | | | | |
| | 14. ² | | | Bushel | | | | | | |
| | Subtotal | | 17 | Bushel | 7 | 0.4 | 0.6 | 12.80 | 90 | 5.29 |
| | 15. Alfalfa | | 2,555 | Ton | 6,308 | 2.5 | 6.8 | 7.50 | 47,310 | 18.52 |
| | 16. Bluejoint and timothy | | 7 | Ton | 11 | 1.6 | 2.5 | 9.00 | 99 | 14.14 |
| Hay and Forage | 17. Other hay ³ | | 468 | Ton | 654 | 1.4 | 5.8 | 7.00 | 4,578 | 9.78 |
| | 18. Corn fodder ⁴ | | 101 | Ton | 818 | 8.1 | 19.0 | 4.50 | 3,681 | 36.45 |
| | 19. Other forage ⁵ | Straw | 129 | Ton | 137 | 1.1 | 1.7 | 1.20 | 164 | 1.27 |
| | to ⁵ | | | Ton | | | | | | |
| | 23. ⁵ | Cornstalks | 12 | Ton | 34 | 2.8 | 3.8 | 0.75 | 26 | 2.17 |
| | 24. Carrots, mangels | | | Ton | | | | | | |
| | 25. Pasture ⁶ | Tame | 2,161 | Acre | | | | 12.00 | 25,932 | 12.00 |
| | to ⁶ | Clover | 12 | Acre | | | | 8.00 | 96 | 8.00 |
| | 30. ⁶ | Other * | 106 | Acre | | | | 6.15 | 652 | 6.15 |
| | Subtotal | | 5,551 | Acre | | | | | \$32,538 | \$14.87 |

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 other side.

| | Crop | Area Acres | Unit of: Yield | Total | Per Acre Average | Per Unit: Maximum | of Yield | Total | Per Acre |
|-----|-----------------------|---------------|-------------------|------------|---------------------|----------------------|----------|---------|----------|
| #30 | Alfalfa Pasture | 21 | Acres | | | | \$8.00 | \$168 | \$8.00 |
| | Natural Pasture | 26 | Acres | | | | 5.00 | 130 | 5.00 |
| | Stubble & Other Past. | 59 | Acres | | | | 6.00 | 354 | 6.00 |
| | Subtotal | 106 | Acres | | | | 6.15 | 652 | 6.15 |
| #49 | Crab Apples | 11 | Pound | 243,500 | 22,136 | 60,000 | 0.01 | 2,435 | 221.36 |
| | Apricots | 930 | Pound | 8,601,300 | 9,249 | 32,000 | 0.01 | 86,013 | 92.49 |
| to | Berries | 10 | Pound | 13,890 | 1,389 | 6,050 | 0.075 | 1,042 | 104.20 |
| | Cherries | 634 | Pound | 3,661,289 | 5,775 | 45,000 | 0.045 | 164,758 | 259.87 |
| 52 | Grapes | 22 | Pound | 185,020 | 8,410 | 150,000* | 0.017 | 3,145 | 142.95 |
| | Subtotal | 1,607 | Pound | 12,704,999 | 7,906 | 150,000 | 0.0203 | 257,393 | 160.17 |

* Vouched for by grower, Mr. A. K. Knoble.

DUPLICATED AREAS

| | Acres | | Acres |
|-----------------|-------|--------------|-------|
| Barley | 28 | Tame Pasture | 1 |
| Corn | 5 | Potatoes | 10 |
| Wheat | 55 | Garden | 1 |
| Alfalfa Hay | 224 | Apples | 35 |
| Other Hay | 97 | Peaches | 312 |
| Corn Fodder | 17 | Pears | 2,090 |
| Straw | 128 | Prunes | 48 |
| Cornstalks | 12 | Apricots | 232 |
| Alfalfa Pasture | 8 | Cherries | 91 |
| Clover Pasture | 6 | Squash | 1 |
| Stubble Pasture | 31 | | |
| | | TOTAL | 3,432 |

IRRIGATED - NO CROP

| | Acres |
|------------------------|-------|
| Strawberry Clover Seed | 6 |
| Alfalfa Hay | 58 |
| Asparagus | 3 |
| Apples | 299 |
| Peaches | 75 |
| Pears | 72 |
| Prunes | 9 |
| Apricots | 23 |
| Berries | 6 |
| Cherries | 22 |
| Grapes | 12 |
| Lawn | 106 |
| TOTAL | 691 |

| 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 | 4 | Bushel | 22 | 5.5 | 5.5 | \$1.60 | 35 | 8.75 |
| | | 32. Onions, dry | 12 | Bushel | 4,806 | 400.5 | 439 | 0.20 | 961 | 80.08 |
| | | 33. Potatoes, white | 90 | Bushel | 15,173 | 168.6 | 400 | 0.36 | 5,462 | 60.69 |
| | | 34. Potatoes, sweet | | Bushel | | | | | | |
| | | 35. Gardens | 67 | Bushel / acre | | | | 100.00 | 6,700 | 100.00 |
| | | 36. Truck ⁷ Popcorn | 28 | Bushel | 700 | 25 | 33.3 | 0.98 | 686 | 24.50 |
| | | to ⁷ Squash | 11 | Bushel Ton | 70 | 6.4 | 25 | 1.20 | 84 | 7.64 |
| | 42. ⁷ Asparagus | 4 | Bushel- lb. | 3,036 | 759 | 3,036 | 0.04 | 121 | 30.25 | |
| | Subtotal | | 216 | acre | | | | 14,049 | 65.04 | |
| | Fruits and Nuts | 43. Apples | 13,124 | Pound | 237,942,774 | 18,130 | 81,700 | 0.008 | 1,903,542 | 145.04 |
| | | 44. Peaches | 1,637 | Pound | 10,844,028 | 6,621 | 30,852 | 0.0165 | 178,926 | 109.30 |
| | | 45. Pears | 4,904 | Pound | 48,799,800 | 9,951 | 42,400 | 0.015 | 731,997 | 149.27 |
| | | 46. Prunes | 230 | Pound | 2,263,300 | 9,840 | 28,000 | 0.005 | 11,316 | 49.20 |
| | | 47, 48. Citrus fruit | | Pound | | | | | | |
| | | 49-52. Small fruit | 1,607 | Pound | 12,704,999 | 7,906 | 150,000 | 0.0203 | 257,393 | 160.17 |
| | | 53. Almonds | | Pound | | | | | | |
| | | 54, 55. Miscellaneous ⁸ | | Pound | | | | | | |
| | Subtotal | | 21,502 | Pound | 312,554,901 | 14,536 | 150,000 | 0.0099 | 3,083,174 | 143.39 |
| | Miscellaneous | 56. Sugar beets | 5 | Ton | 62 | 12.4 | 12.4 | 4.40 | 273 | 54.56 |
| | | 57. Cotton, lint | | Bale | | | | | | |
| | | 58. Cotton, seed | | Ton | | | | | | |
| | | 59. Other ⁹ Hops | 50 | Pound | 80,000 | 1,600 | 2,000 | 0.21 | 16,800 | 336.00 |
| | | 60, 61 ⁹ Nursery | | acre | | | | 500.00 | 2,000 | 500.00 |
| | Subtotal | | 59 | acre | | | | \$ 19,073 | \$ 323.27 | |
| Soil Im- prove- ment | 62. Soil-building crops | | | Total value (sum of items 1 to 61, inclusive) | | | | \$3,215,604 | | |
| | 63. Fallowed land | | | Additional revenues received (see reverse hereof) | | | | \$ 36,638 | | |
| | Subtotal | | | Total and average gross value per acre ¹⁰ | | | | \$3,252,242 | \$ 130.51 | |
| Total acreage reported | | 28,352 | | IRRIGABLE AREAS BY FEATURES | | | ACRES | FARMS | PERCENT OF PROJECT | |
| Less duplicated areas | | 3,432 | | | | | | | | |
| Net area in cultivation | | 24,920 | | Total area irrigated | | | 25,026 | 1,331 | 84.7 | |
| Net area in cultivation | | 24,920 | Value | Area irrigable but not irrigated: | | | | | | |
| Less fallowed, not irrigated | | | | (a) Idle (see "B" page 4 of Form 7-332) | | | 1,358 | 65 | 4.6 | |
| Irrigated area (classes 1-4) | | 24,920 | | (b) Temporarily suspended ¹² | | | | | | |
| Temporarily suspended area irrigated (from separate cards class 5) | | | | (c) Buildings, yards, highways, rights-of-way | | | 3,153 | - | 10.7 | |
| Total area irrigated Subtotal | | 24,920 | \$ ¹¹ | (d) Dry farmed | | | | | | |
| | | | | Grand total irrigable of project or division | | | 29,537 | 1,396 | 100.0 | |

⁷, ⁸, and ⁹, see footnotes, page 1. Lawns 106¹⁰ 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.

* See back of Sheet 1.

(OVER)

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 |
| Diversion of Acreage | 1938 and 1939 | | | | \$1,614.66 | | \$1,614.66 |
| Soil Building | 1938 and 1939 | | | | 35,023.48 | | 35,023.48 |
| | | | | | | TOTAL | \$36,638.14 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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.)

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See reverse side of Sheet 1.