

**SUGARBEET BUDGET  
MALHEUR COUNTY, OREGON  
February 2002**



**OREGON STATE  
UNIVERSITY**

**EXTENSION SERVICE  
MALHEUR COUNTY**

BASED ON:

1. 30 Ton Yield
2. 2002 Custom Rates Used in Determining Machinery Costs
3. Furrow Irrigation

| <b>INPUTS PER ACRE</b>             |                                  |                  |                 |                         |
|------------------------------------|----------------------------------|------------------|-----------------|-------------------------|
| <b>CULTURAL OPERATIONS:</b>        | <b>LABOR &amp;<br/>MACHINERY</b> | <b>MATERIALS</b> | <b>TOTAL</b>    | <b>YOUR<br/>FIGURES</b> |
| Fall Fertilize, Custom <u>1</u> /  | 8.00                             | 74.00            | 82.00           | _____                   |
| Disk                               | 11.00                            |                  | 11.00           | _____                   |
| Chisel                             | 13.00                            |                  | 13.00           | _____                   |
| Fall Plow                          | 21.00                            |                  | 21.00           | _____                   |
| Float (2X)                         | 13.00                            |                  | 13.00           | _____                   |
| Bedup/Markout                      | 13.00                            |                  | 13.00           | _____                   |
| Harrow (Spring)                    | 6.00                             |                  | 6.00            | _____                   |
| Spring Fert., Custom               | 8.00                             | 22.00            | 30.00           | _____                   |
| Plant (.5 unit)                    | 12.00                            | 45.00            | 57.00           | _____                   |
| Weed Control (6X) <u>2</u> /       | 42.00                            | 128.00           | 170.00          | _____                   |
| Cultivate (3X)                     | 24.00                            |                  | 24.00           | _____                   |
| Hand Hoeing                        | 50.00                            |                  | 50.00           | _____                   |
| Irrigation <u>3</u> /              | 90.00                            | 10.00            | 100.00          | _____                   |
| Disease Control, Custom <u>4</u> / | 15.00                            | 21.00            | 36.00           | _____                   |
| Insect Control, Custom <u>5</u> /  |                                  | 30.00            | 30.00           | _____                   |
| Water Cost                         |                                  | 34.00            | 34.00           | _____                   |
| <b>HARVEST:</b>                    |                                  |                  |                 |                         |
| Top Dig & Haul                     | 210.00                           |                  | 210.00          | _____                   |
| <b>OTHER CHARGES:</b>              |                                  |                  |                 |                         |
| Operating capital interest (6.5%)  |                                  | 23.00            | 23.00           | _____                   |
| Land Charge <u>6</u> /             |                                  | 225.00           | 225.00          | _____                   |
| Management <u>7</u> /              |                                  | 37.00            | 37.00           | _____                   |
| General overhead <u>8</u> /        |                                  | 37.00            | 37.00           | _____                   |
| <b>TOTAL COST PER ACRE:</b>        | <b>536.00</b>                    | <b>686.00</b>    | <b>1,222.00</b> | _____                   |

- 1/ A total application of 175 units of nitrogen, 120 of phosphorous, 10 of zinc and 1 boron split between fall and spring applications.
- 2/ A total of 6 applications: One application of Roundup @ 1 pint/acre, pre-emerge; one application of Eptam @ 1/2gal and Treflan @ 1 pint, Layby; 4 microrate applications of 6 to 10 oz. of progress, 1.3 oz. of Stinger, 1/6 oz. of Upbeat and 24 oz. of MSO each application at intervals during the growing season. Also a grass control herbicide applied with one of the microrate applications.
- 3/ Based on 13 irrigations per season.
- 4/ Two applications – one of sulfur @ ½ gal/acre and one of the operator's choice of several materials.
- 5/ One application of either 15 lb. Temik or 10 lb. Of Counter applied at planting time. Also 2-3 oz. Of Asana applied with Roundup for cutworm control. A fumigation application for nematode control @ \$150 to \$200 per acre could be necessary for any field not following either an onion or potato crop that was fumigated that results in some residual carryover.
- 6/ \$2500 per acre land value @ 8% interest plus \$25 per acre property taxes.
- 7/ Estimated at 3% of all costs.
- 8/ Includes such items as farm pickup, insurance, shop supplies, accounting fees, publications and various other miscellaneous items. Estimated at 3% of all costs.

These data were obtained by the Malheur County Extension Service. Information sources included local suppliers and sugarbeet producers.

This information was developed to serve as a guide to estimate the cost of producing Sugarbeets in Malheur County. Costs and yield are greatly influenced by the size of operations, production practices followed and by the overall level of management.

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