

# CROP CLIP SHEET

## SAMPLE COSTS TO PRODUCE IRRIGATED WHEAT

in  
Merced and Madera Counties - 1977

By  
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The first step in intelligent crop planning is an objective analysis of production costs and potential profits. The sample costs on the reverse side of this page are for growing wheat in Merced and Madera Counties. The figures used are from the latest and most reliable sources available and are based on good management practices. It is assumed that wheat will be grown in rotation with other field crops.

A suggested way to use the sample costs sheet is to insert your actual costs in the blank column and use the sample costs only when actual costs are not known. Overhead fixed costs may be omitted when comparing alternate crops.

The table below shows the effect of various yields on production costs using the sample costs shown on the reverse side of this page.

SAMPLE COSTS TO PRODUCE WHEAT AT VARYING YIELDS

|                      |          |          |          |         |         |
|----------------------|----------|----------|----------|---------|---------|
| Yield: Tons per acre | 1½       | 2        | 2½       | 3       | 3½      |
| Costs per ton        | \$173.53 | \$131.60 | \$106.44 | \$89.67 | \$77.69 |

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SAMPLE COSTS TO PRODUCE IRRIGATED WHEAT IN MERCED AND MADERA COUNTIES - 1977

Equipment operator \$4.60 per hour total cost  
Other labor \$3.80 per hour

Medium-wheel tractor per hour cash costs \$3.20,  
depreciation \$1.86 and interest 94¢

Yield: 2 tons per acre, single cropped

| Operation                                | Hours per acre | Cash and Labor Costs Per Acre |                  |                              |                 | Sample costs per acre | My Costs |
|--|----------------|-------------------------------|------------------|------------------------------|-----------------|-----------------------|----------|
|  |                | Labor                         | Fuel and repairs | Materials                    | Costs           |                       |          |
| Cultural Land Preparation                | \$ 2.00        | \$ 9.20                       | \$ 8.40          |                              | \$              | \$ 17.60              |          |
| Fertilize (broadcast)                    | .25            | 1.15                          | .90              | 125 lbs. N at 20¢            | 25.00           | 27.05                 |          |
| Plant (broadcast or drill)               | .25            | 1.15                          | .90              | 100 lbs. Seed at \$8.50 cwt  | 8.50            | 10.55                 |          |
| Irrigate (pre- and 3 crop)               | 2.50           | 9.50                          | 2.50             | 2 Ac. Ft. water at \$6.00    | 12.00           | 24.00                 |          |
| Taxes                                    |                |                               |                  |                              | 15.00           | 15.00                 |          |
| Miscellaneous                            | .50            | 2.30                          | 1.80             | Materials, etc.              | 1.50            | 5.60                  |          |
| <b>Pre-Harvest Cultural Costs</b>        |                | <b>\$23.30</b>                | <b>\$14.50</b>   |                              | <b>\$ 62.00</b> | <b>\$ 99.80</b>       |          |
| Harvest costs                            |                |                               |                  |                              |                 |                       |          |
| Combine                                  |                |                               |                  | \$12.00 acre plus \$3.00 ton | 18.00           | 18.00                 |          |
| Haul                                     |                |                               |                  | \$2.80 ton (up to 10 miles)  | 5.60            | 5.60                  |          |
| <b>Total Harvest Costs</b>               |                |                               |                  |                              | <b>\$ 23.60</b> | <b>\$ 23.60</b>       |          |
| <b>Business and Office Costs</b>         |                |                               |                  | 6% cultural & harvest costs  | 7.40            | 7.40                  |          |
| <b>Total Cash Costs</b>                  |                |                               |                  |                              |                 | <b>\$130.80</b>       |          |
| Sample Costs at Varying Yields           |                |                               |                  |                              |                 |                       |          |
| Tons per acre                            | Costs per ton  | Depreciation and Interest     |                  |                              |                 |                       |          |
|  |                | Investment                    | Per acre         | Depreciation                 | Interest 8%     |                       |          |
| 1½                                       | \$173.53       | Land \$1100                   |                  | \$ 88.00                     |                 |                       |          |
|  |                | Irr. System 260               |                  | 13.00                        | 10.40           |                       |          |
|  |                | Tractor 3 hrs. Equipment 90   |                  | 5.58                         | 2.82            |                       |          |
|  |                |                               |                  | 9.00                         | 3.60            |                       |          |
|  |                |                               |                  | \$ 27.58                     | \$104.82        |                       | \$132.40 |
| 2  | 131.60         |                               |                  |                              |                 |                       |          |
| 2½                                       | 106.44         |                               |                  |                              |                 |                       |          |
| 3  | 89.67          |                               |                  |                              |                 |                       |          |
| 3½                                       | 77.69          |                               |                  |                              |                 |                       |          |
| <b>Total Cost Per Acre</b>               |                |                               |                  |                              |                 | <b>\$263.20</b>       |          |
| <b>Total Cost Per Ton at 2 Ton Yield</b> |                |                               |                  |                              |                 | <b>\$131.60</b>       |          |