

CROP CLIP SHEET

SAMPLE COSTS TO PRODUCE IRRIGATED BARLEY

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 barley 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 barley 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 BARLEY AT VARYING YIELDS

Yield: Tons per acre	1.0	1.5	2.0	2.5	3.0
Costs per ton	\$171.20	\$115.40	\$88.00	\$71.56	\$60.60

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SAMPLE COSTS TO PRODUCE IRRIGATED BARLEY 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: 1½ tons per acre - double 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	80 lbs. N at 20¢	\$ 16.00	\$ 18.05	
Plant (broadcast or drill)	.25	1.15	.90	80 lbs. Seed at \$8.50 cwt	6.80	8.85	
Irrigate: 1 pre- and 2 crop	2.00	7.60	2.00	1½ ac. ft. water at \$6.00	9.00	18.60	
Taxes: 1/2 of Annual					7.50	7.50	
Miscellaneous	.50	2.30	1.80	Materials, etc.	1.50	5.60	
Pre-Harvest Cultural Costs		\$21.40	\$14.00		\$ 40.80	\$ 76.20	
Harvest Costs							
Combine				\$12.00 acre plus \$3.00 ton	16.50	16.50	
Haul				\$2.80 ton (up to 10 miles)	4.20	4.20	
Total Harvest Costs					\$ 20.70	\$ 20.70	
Business and Office Costs				6% cultural & harvest costs	5.80	5.80	
Total Cash Costs						\$102.70	
Sample Costs at Varying Yields		Depreciation and Interest					
Tons per acre	Costs per ton	Investment	Per acre	Depreciation	Interest 8%		
1.0	\$171.20	Land	\$1100	1/2	\$ 44.00		
1.5	115.40	Irr. System	260	1/2	6.50	5.20	
2.0	88.00	Tractor 3 hrs.			5.58	2.82	
2.5	71.56	Equipment	90	1/2	4.50	1.80	
3.0	60.60				<u>\$16.58</u>	<u>\$53.82</u>	\$ 70.40
Total Cost Per Acre							\$173.10
Total Cost Per Ton at 1½ Ton Yield							\$115.40