

COOPERATIVE EXTENSION
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Sample Cost To Produce Irrigated Barley - Double Cropped
In
Madera and Merced Counties - 1983

By

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The first step in intelligent crop planning is an objective analysis of production cost and potential profits. The sample costs on the reverse side of this page are for irrigated barley-double cropped in Madera and Merced Counties. The figures used are from the latest and most reliable sources available and are based on good management practices.

A suggested way to use the sample cost 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 cost may be omitted when comparing alternate crops.

Sincerely,



RON VARGAS
Farm Advisor

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UC Cooperative Extension

IRRIGATED BARLEY - DOUBLE CROPPED
Cost Analysis Work Sheet - 1983

Sample Costs to produce irrigated barley - double cropped in Madera and Merced Counties. Based on a 3500 lb. yield per acre. Field labor \$5.50 per hour, cost to the grower, and equipment operator \$6.50. Wheel tractor per hour cash costs \$12.80, depreciation \$3.25 and interest \$2.28.

	Sample Costs Per Acre	My Costs Per Ton		Per Acre	Per Ton
Pre-harvest Cash and Overhead Costs					
Land preparation 2 hrs. per acre	\$38.60				
Fertilizer: material 80 lbs. N @ .28¢	22.40				
Custom - broadcast application	4.25				
Plant: .25 hrs per acre	4.83				
Seeds - 100 lbs. @ \$12.50	12.50				
Irrigate: 1 pre and 2 crop 2 hrs labor	11.00				
Water 1½ acre ft. @ \$7.50	11.25				
Herbicide: material	2.75				
application - custom	4.25				
Taxes: ¼ of \$25.00 per acre per year	12.50				
Repairs:	7.00				
Misc. labor, power, materials .2 hrs tractor	8.00				
Business and office costs 6% of cash costs	10.25				
PRE-HARVEST CASH AND OVERHEAD COSTS	\$149.58			4.27	
Harvest Costs					
Combine: \$12.50 per ton	21.88				
Haul: \$5.50 per ton up to 20 miles	9.63				
HARVEST COSTS	\$31.51			.90	
TOTAL CASH AND OVERHEAD COSTS	\$181.09			5.17	
Depreciation					
Irrigation system \$280 20 years ¼ cost	7.00				
Tractor 2.45 hrs @ \$3.25	7.96				
Equipment \$120 10 years ¼ cost	6.00				
TOTAL DEPRECIATION	\$20.96			.60	
Interest on Investment at 12%					
Irrigation system ¼ cost \$140	8.40				
Tractor 2.45 hrs. @ \$2.28	5.59				
Equipment ¼ cost 60	3.60				
Land \$3000	180.00				
TOTAL INTEREST ON INVESTMENT	\$197.59			5.65	
TOTAL COST OF PRODUCTION	\$399.64			11.42	

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

Yield: Pounds Per Acre	2000	2500	3000	3500	4000	4500
Cash Cost Per CWT.	8.38	6.88	5.88	5.17	4.64	4.22
Total Costs Per Cwt.	19.31	15.63	13.17	11.42	10.10	9.08