

MADERA COUNTY

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**SAMPLE COST TO PRODUCE
IRRIGATED BARLEY - DOUBLE CROPPED
IN
MADERA COUNTY - 1990**

By

RON VARGAS, Farm Advisor, Madera County

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 producing irrigated barley in Madera County. The figures used are from the latest and most reliable sources available and are based on good management practices. Water cost was based on irrigation district cost.

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

RV/nj

IRRIGATED BARLEY
DOUBLE CROPPED
MADERA COUNTY 1990

	YIELD 40	CASH	DEPR.	INTERES
Yield per acre				
Field labor per hour		5.60		
Equipment operator per hour		6.00		
Wheel tractor per hour 80 hp		8.71	2.75	2.13
Wheel tractor per hour 130 hp		12.66	5.00	3.87

	SAMPLE COSTS Per Acre	Per CWT
PRE-HARVEST CASH AND OVERHEAD COSTS:		
Land prep: 2 hrs/acre 1-80hp 1-130 hp plus labor	33.37	
Fertilizer: material 100 lbs. N @ \$.30	30.00	
custom - broadcast application	4.75	
Plant: Seed 100 lbs. @ 11.00 cwt	11.00	
.25 hrs. labor and tractor	3.68	
Irrigate: 1 pre and 2 crop - 2 hrs labor	11.20	
water 1.5 ac.ft. @ \$13.00/ac.ft.	19.50	
Herbicide: material	2.25	
application - custom	5.00	
Taxes: 1/2 of \$31.55 per acre per year	15.78	
Repairs (except tractor)	22.21	
Misc. labor, power, materials, .2 hr. tractor	10.00	
Business and office costs	20.00	
TOTAL PRE-HARVEST CASH AND OVERHEAD COSTS	188.73	4.72

HARVEST COSTS:		
Combine \$10.00 per ton	20.00	
Haul: \$5.50/ton up to 20 miles	11.00	
TOTAL HARVEST COSTS	31.00	.78
TOTAL CASH AND OVERHEAD COSTS	219.73	5.49

DEPRECIATION		
Irrigation system \$280 20 years - 1/2 cost	7.00	
Tractor: 1.45 hrs. @ 2.75, 1 hr @ 5.00	8.99	
Equipment	11.12	
TOTAL DEPRECIATION	27.11	1.68

INTEREST ON INVESTMENT @ 15%		
Irrigation system: 1/2 cost \$140	10.50	
Tractor: (1.45 hrs. @ 2.13, 1 hr. @ 3.87)	5.12	
Equipment 1/2 cost \$6.22	3.11	
Land \$2000 1/2 cost	150.00	
TOTAL INTEREST ON INVESTMENT	168.73	4.22
TOTAL COST OF PRODUCTION	415.57	10.39

SAMPLE COSTS AT VARYING YIELDS

Yield: lbs./acre	3000	4000	5000	6000
Cash Costs/CWT	7.23	5.49	4.39	3.66
Total Costs/CWT	13.85	10.38	8.31	6.95