

# UNIVERSITY of CALIFORNIA

## COOPERATIVE EXTENSION

MADERA COUNTY

- 328 MADERA AVENUE
- MADERA, CALIFORNIA 93637
- (209) 675-7879

Sample Cost to Produce Irrigated Barley-Double Cropped  
In  
Madera County - 1986

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-double cropped in Madera County. 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

jy

I	A	B	C	D	E	F	G	H	I
11					IRRIGATED BARLEY				
21					DOUBLE CROPPED				
31					MADERA COUNTY 1986				
41					YIELD	CASH	DEPR.	INTERES	
51	Yield per acre			35					
61	Field labor per hour					5.50			
71	Equipment operator per hour					6.50			
81	Wheel tractor per hour 80 hp					5.34	2.29	1.37	
91	Wheel tractor per hour 130 hp					9.22	4.29	2.50	
101							SAMPLE COSTS		
111	PRE-HARVEST CASH AND OVERHEAD COSTS:						Per Acre	Per CWT	
121	Land prep: 2 hrs/acre 1-80hp 1-130 hp plus labor						38.00		
131	Fertilizer: material 100 lbs. N @ \$.28						28.00		
141	custom - broadcast application						4.75		
151	Plant: Seed 100 lbs. @ 9.00 cwt						9.00		
161	.25 hrs. labor and tractor						2.96		
171	Irrigate: 1 pre and 2 crop - 2 hrs labor						11.00		
181	water 1.5 ac.ft. @ \$8.00/ac.ft.						12.00		
191	Herbicide: material						1.50		
201	application - custom						4.50		
211	Taxes: 1/2 of \$36.00 per acre per year						18.00		
221	Repairs (except tractor)						12.95		
231	Misc. labor, power, materials, .2 hr. tractor						10.00		
241	Business and office costs						20.00		
251	TOTAL PRE-HARVEST CASH AND OVERHEAD COSTS						172.66		4.93
261									
271	HARVEST COSTS:								
281	Combine \$12.00 per ton						21.00		
291	Haul: \$5.50/ton up to 20 miles						9.63		
301	TOTAL HARVEST COSTS						30.63		.88
311	TOTAL CASH AND OVERHEAD COSTS						203.29		5.81
321									
331	DEPRECIATION								
341	Irrigation system \$280 20 years - 1/2 cost						7.00		
351	Tractor: 1.45 hrs. @ 2.29, 1 hr @ 4.29						7.61		
361	Equipment 1/2 cost \$17.62						8.81		
371	TOTAL DEPRECIATION						23.42		.67
381									
391	INTEREST ON INVESTMENT @ 12%								
401	Irrigation system: 1/2 cost \$140 1/2 cost						8.40		
411	Tractor: 1.45 hrs. @ 1.37, 1 hr @ 2.50						4.49		
421	Equipment 1/2 cost \$8.47 1/2 cost						4.24		
431	Land \$2000 1/2 cost 1/2 cost						120.00		
441	TOTAL INTEREST ON INVESTMENT						137.12		3.92
451	TOTAL COST OF PRODUCTION						363.83		10.40
461									

471	SAMPLE COSTS AT VARYING YIELDS						
481	-----						
491	Yield: lbs./acre	2000	2500	3000	3500	4000	4500
501	-----	-----	-----	-----	-----	-----	-----
511	Cash Costs/CWT	10.16	8.13	6.77	5.81	5.08	4.51
521	-----	-----	-----	-----	-----	-----	-----
531	Total Costs/CWT	18.19	14.55	12.12	10.40	9.09	8.08
541	-----	-----	-----	-----	-----	-----	-----