

MADERA COUNTY

WH-VN-90

- 328 MADERA AVENUE
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SAMPLE COST TO PRODUCE
IRRIGATED WHEAT - 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 wheat 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

UC COOPERATIVE EXTENSION

IRRIGATED WHEAT - DOUBLE CROPPED

MADERA COUNTY - 1990

	YIELD	CASH	DEPR.	INTEREST
Yield per acre	60			
Field labor per hour		5.60		
Equipment operator per hour		6.00		
80 HP wheel tractor per hour		8.71	2.75	2.13
130 HP wheel tractor per hour		12.16	5.00	3.87
			SAMPLE COSTS	
			Per Acre	Per CWT
PRE-HARVEST CASH AND OVERHEAD COSTS:				
Land preparation 2 hrs. 1-80 hp/1-130hp			41.74	
Fertilizer: material 150 lbs @ \$.30			45.00	
custom application			4.75	
Plant: Seed 150 lbs. @ 13.00 cwt			19.50	
.25 hrs. labor and tractor			3.68	
Top dress: materials 50 lb N @ \$.25 + App1 4.00			16.50	
Irrigate: 1 pre and 3 crop 2.5 hrs labor			14.00	
water 2 ac.ft. @ \$13.00/ac.ft.			26.00	
Herbicide: material			2.25	
application - custom			5.00	
Taxes - Irrigation and County - 1/2 of 31.55			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			246.40	4.11

HARVEST COSTS:				
Combine 10.00 per ton			30.00	
Haul: \$5.50/ton up to 20 miles			16.50	
TOTAL HARVEST COSTS			46.50	.78
TOTAL CASH AND OVERHEAD COSTS			292.90	4.88

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	.45

INTEREST ON INVESTMENT @ 15%				
Irrigation system: 1/2 cost \$140			10.50	
Tractor: 2.45 hrs. @ 2.13			5.22	
Equipment 1/2 cost \$6.22			3.11	
Land \$2000 1/2 cost			150.00	
TOTAL INTEREST ON INVESTMENT			168.83	2.81
TOTAL COST OF PRODUCTION			488.84	8.15

SAMPLE COSTS AT VARYING YIELDS

Yield: lbs./acre	3000	4000	5000	6000	7000	8000
Cash Costs/CWT	9.76	7.32	5.85	4.88	4.18	3.66
Total Costs/CWT	16.29	12.22	9.77	8.15	6.98	6.11