

COOPERATIVE EXTENSION

MADERA COUNTY

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**SAMPLE COST TO PRODUCE
FIELD CORN - 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 field corn 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

FIELD CORN - DOUBLE CROPPED

MADERA COUNTY - 1990

	YIELD	CASH	DEPR.	INTERES
Yield per acre	80			
Field labor per hour		5.60		
Equipment operator per hour		6.00		
Wheel tractor per hour - 130 hp		12.16	5.00	3.87
Wheel tractor per hour - 80 hp		8.71	2.75	2.13

SAMPLE COSTS

	Per Acre	Per CWT
PRE-HARVEST CASH AND OVERHEAD COSTS:		
Land preparation 2 1/2 hrs. labor and tractor	15.00	
1 1/2 hr - 130 hp, 1 hr - 80 hp	26.95	
Pre-plant herbicide - material	14.84	
application	8.75	
Pre-plant fertilizer: 150 lbs N @ \$.30	45.00	
application	4.75	
Plant .3 hrs./acre and labor and tractor	5.45	
Seed: 29,000 ct/A @ \$75/90,000 T	24.16	
Fertilize: material 200 lbs. N @ \$.20	40.00	
application water run .10 hr labor	.56	
Irrigate: 1 pre and 6 crop 7 hrs. labor	39.20	
water: 4 acre ft. @ \$13.00	52.00	
Cultivate 2X .35 hr. labor and tractor	10.30	
Taxes - (County and Irrigation District) 1/2 - \$31.55	15.77	
Misc. labor, power, materials	10.00	
Repairs - (except tractor)	24.84	
Business and office costs	20.00	
TOTAL PRE-HARVEST CASH AND OVERHEAD COSTS	357.57	4.47

HARVEST COSTS:

Harvest: Contract \$10.00/ton	40.00	
Haul: \$5.50/ton up to 20 miles	22.00	
TOTAL HARVEST COSTS	62.00	.78
TOTAL CASH AND OVERHEAD COSTS	419.57	5.24

DEPRECIATION

Irrigation system \$280 20 years - 1/2	7.00	
Tractor - 1.5 hrs @ 5.00, 2.5 hrs @ 2.75	14.38	
Equipment	12.00	
TOTAL DEPRECIATION	33.38	.42

INTEREST ON INVESTMENT @ 15%

Irrigation system: 1/2 cost \$140	10.50	
Tractor: 1.5 hr @ 3.87, 2.5 hr @ 2.13	11.13	
Equipment	7.20	
Land \$2000 - 1/2 cost	150.00	
TOTAL INTEREST ON INVESTMENT	178.83	2.24
TOTAL COST OF PRODUCTION	631.77	7.90

SAMPLE COSTS OF PRODUCTION PER CWT AT VARYING YIELDS

Yield: lbs./acre	4000	5000	6000	7000	8000	9000
Cash Costs/CWT	10.48	8.39	6.99	5.99	5.24	4.66
Total Costs/CWT	15.79	12.63	10.52	9.02	7.89	7.01