

COOPERATIVE EXTENSION
UNIVERSITY OF CALIFORNIA
MERCED COUNTY

MERCED, CALIFORNIA 95340
2145 WEST WARDROBE AVENUE
TELEPHONE: 726-7403

Sample Costs To Produce Grain Sorghum
In
Merced and Madera Counties - 1983

By

Bill Weir, Farm Advisor, Merced County
Ron Vargas, Farm Advisor, Madera County
Ed Yeary, Farm Advisor, Statewide

The first step in intelligent crop planning is an objective analysis of production costs and potential profits. The sample costs on the reverse side of this page are for Grain Sorghum in Merced and Madera 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 costs may be omitted when comparing alternate crops.

Sincerely,

Bill L. Weir

Bill L. Weir
Farm Advisor

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GRAIN SORGHUM
Cost Analysis Worksheet - 1983

Sample costs to produce grain sorghum single cropped in Madera and Merced Counties. Based on a yield of 2½ tons per acre. Field labor \$5.50 per hour total 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		My Costs	
	Per Acre	Per Cwt	Per Acre	Per Cwt
Pre-Harvest Cash and Overhead Costs				
Land preparation 2½ hrs.	\$48.25			
Pre-plant fertilizer material 50 lbs. N @ 28¢ application - custom	14.00			
Plant .3 hrs. labor and tractor	5.00			
Seed: 12 lbs. @ 60¢	5.80			
Fertilize: material 100 lbs. N @ 28¢ application - custom	7.20			
Irrigate: 1 pre and 5 crop 6 hrs.	28.00			
water: 3 acre ft. @ \$7.50	5.00			
Cultivate 2X .7 hr labor and tractor	33.00			
Taxes	22.50			
Misc. labor, power, materials .2hr. tractor	13.50			
Repairs except tractor	25.00			
Business and office costs 6% of cash costs	10.00			
	12.00			
	16.45			
PRE-HARVEST COSTS	\$246.70	4.91		
Harvest Costs				
Combine 12.50 per ton	31.25			
Haul 5.50 per ton up to 20 miles	13.75			
TOTAL HARVEST COSTS	\$45.00	.90		
TOTAL CASH AND OVERHEAD COSTS	\$290.70	5.81		
Depreciation				
Irrigation system \$280 20 years	14.00			
Tractor: 3.2 hrs. @ \$3.25	12.02			
Equipment \$120 10 yrs	12.00			
TOTAL DEPRECIATION	\$38.02	.76		
Interest on Investment @ 12%				
Irrigation system ½ cost \$140	16.80			
Tractor: 3.7 hrs. @ \$2.28	8.44			
Equipment: ½ cost \$60	7.20			
Land \$3000	360.00			
TOTAL INTEREST ON INVESTMENT	\$392.44	7.85		
TOTAL COST OF PRODUCTION	\$721.16	14.42		

SAMPLE COSTS OF PRODUCTION PER CWT AT VARYING YIELDS

Yields: Pounds per Acre	3000	4000	5000	6000	7000	8000
Cash Costs Per Cwt	9.09	7.04	5.81	5.00	4.41	3.97
Total Costs Per Cwt	23.44	17.80	14.42	12.17	10.56	9.35