

COSTS TO PRODUCE GRAIN SORGHUM (SINGLE CROP) IN MADERA AND MERCED COUNTIES - 1968

Based on man labor at \$1.70 and \$1.90 per hour; 40 H.P. tractor cash cost per hour \$1.30; tractor depreciation 70¢ per hour; tractor interest 30¢ per hour.

Yield - 2 Tons per Acre

SORGHUM

Operation	Hours per Acre	Cash and Labor Cost per Acre			Sample Costs	My Costs
		Labor	Fuel and Repairs Equipment	Materials and Other Costs		
Cultural:						
Land Preparation	2.0	\$3.80	\$2.60		\$ 6.40	
Plant 4 row - 1 man	.5	.95	.65	Seed: 10 lbs. @ 30¢ \$ 3.00	4.60	
Fertilize	.5	.95	.65	Nitrogen: 100 lbs. @ 10¢ 10.00	11.60	
Irrigate: 1 pre, 3 crop	4.0	6.80	1.00	3.0 Acre ft., tax or power \$3.50 10.50	18.30	
Cultivate: 2 times	1.0	1.90	1.30		3.20	
Taxes	--				11.30	11.30
Miscellaneous	.5	.85	.65	Miscellaneous materials and repairs 1.75 Office, car, operating capital, etc. 3.00	3.25 3.00	
Total Cultural Costs		\$15.25	\$6.85	\$39.55	\$61.65	
Harvest:						
Combine				Contract \$ 6.50		
Haul				Contract @ \$2 per ton 4.00		
Total Harvest Costs					\$10.50	
Total Cash and Labor Costs					\$72.15	
Costs at Varying Yields						
<u>Tons</u>	<u>Cost</u>	<u>Investment</u>	<u>Per Acre</u>	<u>Annual Cost</u>		
<u>Per Acre</u>	<u>Per Ton</u>	<u>Land</u>		<u>Depreciation</u>	<u>Interest at 7%</u>	
1.5	\$95.60	\$750		--	\$52.50	
2.0	72.20	Irrigation System	120	\$ 6.00 (20 yrs) ½ cost	4.20	
2.5	58.08	Tractor 5.5 hrs.		3.85	1.65	
3.0	48.80	Equipment	30	3.00 (10 yrs) ½ cost	1.05	
			\$900	\$12.85	\$59.40	\$72.25
				Total Cost per Acre*		\$144.40
				Cost per Ton @ 2 Ton Yield		72.20

* When grain sorghum is double cropped, about 1/2 of the cost should be used for taxes, depreciation, interest on land and irrigation facilities. This will reduce the total cost shown by about \$37.00 per acre or by \$18.50 per ton if the same yield (2 tons) is obtained.

Prepared by Clarence Johnson, Chester C. Conley and Edward A. Yearly, Farm Advisors.

Madera 1968