

SAMPLE COSTS TO PRODUCE GRAIN SORGHUM IN MADERA AND MERCED COUNTIES - 1971

Based on man labor at \$1.90 per hour total; Equipment operator \$2.15 per hour total;
 Medium wheel tractor cash cost per hour \$1.55; Depreciation \$1.28; Interest \$.58 an hour.

SR-VN-71

Agricultural Extension Service - University of California

Yield - 2½ Tons Per Acre - Single Crop

Operation	Hours Per Acre	Cash and Labor Costs Per Acre				Sample Costs Per Acre	My Costs
		Labor	Fuel & Repairs	Materials	Costs		
Cultural:							
Land preparation	3.0	6.45	4.65			11.10	
Plant (4 row) 1 man	.3	.65	.47	Seed: 12 lbs. @30¢	3.60	4.72	
Fertilize	.5	1.08	.78	150 lbs. N @8¢	12.00	13.86	
Irrigate: 1 pre, 5 crop	6.0	11.40	2.00	3 Ac. Ft. Water; tax or power \$3.50	10.50	23.90	
Cultivate (2 times)	1.0	2.15	1.55			3.70	
Taxes					15.00	15.00	
Miscellaneous	.5	1.08	.78	Materials, maintenace, etc.	2.00	3.86	
Repairs to equipment			4.40			4.40	
Pre-Harvest Cultural Costs		22.81	14.63		43.10	80.54	
Harvest Costs:							
Combine - Contract				\$6.00 Ac. + 10¢ cwt over 1000 lbs.	10.00	10.00	
Haul				\$2.00 per ton	5.00	5.00	
Total Harvest Costs					15.00	15.00	
Business and Office Costs				6% of Cultural and Harvest Costs		5.73	
Total Cash Costs						101.27	
Sample Costs at Varying Yields							
<u>Tons Per Acre</u>	<u>Cost Per Ton</u>	<u>Depreciation and Interest</u>					
		<u>Investment</u>	<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest 7%</u>		
1.5	118.40	Land	750.00		\$52.50		
		Irrigation System	140.00	7.00(20 yrs)	4.90		
2.0	89.80	Tractor - 5.3 hrs		6.78	3.07		
		Equipment	45.00	4.50(10 yrs)	1.58		
2.5	72.64		935.00	\$18.28	\$62.05	80.33	
3.0	61.20	Total Cost Per Acre*					181.60
3.5	53.03	Cost Per Ton @2½ ton Yield				72.64	

* When grain sorghum is double cropped, about ½ of the cost should be used for taxes, depreciation, interest on land and irrigation facilities. This will reduce the cost shown by about \$41.95 per acre or by about \$16.78 per ton if a 2½ ton yield is obtained.

1971
 Evans