

Madera County

Merced County

COTTON
SAMPLE COST WORK SHEET

Sample costs to produce cotton in Madera and Merced Counties in 1971. Man labor at \$1.90 per hour total and equipment operator \$2.15. Medium wheel tractor per hour cash costs \$1.55, depreciating \$1.28 and interest 58%.

Costs are based on production of 900 lbs. of lint per acre, from a solid planted stand with a 33 1/3% turnout.

	Sample Costs Per Acre	My Costs Per Acre
Pre-harvest Cash Costs		
Land preparation: 3.5 hrs. man and tractor	\$ 12.95	
Pre-plant herbicide - custom application	8.00	
Plant: 1/3 hr. 2 men and tractor	1.87	
Seed: 25 lbs. at 12½¢	3.13	
Irrigate: 1 pre and 5 crop; labor 6 hrs.	11.40	
Water 3½ ac. ft. at \$3.50, inc. dist. taxes	12.25	
½ hr. man and tractor; ditching, etc.	1.85	
Cultivate 4X: 2 hrs man and tractor	7.40	
Fertilizer: 80 lbs. N at 10¢	8.00	
Application	2.50	
Pest control: materials	15.00	
Application	7.00	
Hand thinning and weeding, 6 hrs. labor	11.40	
Defoliation - contract	6.00	
Taxes	15.00	
Misc. labor, equipment, materials	6.00	
Repairs except tractor	9.00	
Business expense - office, car, operating capital, etc.	13.22	
Total Pre-harvest Cash Costs	\$151.97	
Harvesting Costs		
Pick and haul 2700 lbs. of seed cotton		
1st pick - (80%) 2160 lbs. at \$1.50 cwt.	32.40	
2nd pick - (20%) \$10.00 per acre minimum	10.00	
Ginning, bagging, ties, insurance, storage, sampling, etc. \$1.45 cwt. of seed cotton	39.15	
Total Harvesting Costs	81.55	
Total Cash Costs	\$233.52	
Depreciation		
Irrigation system - cost \$140.00 - 20 yrs.	7.00	
Tractor - 6 1/3 hrs. at \$1.28	8.10	
Equipment except tractor - \$60.00 - 10 yrs.	6.00	
Total Depreciation	\$ 21.10	
Interest on investment at 7%		
Irrigation system ½ cost \$70.00	4.90	
Tractor 6 1/3 hrs. at 58¢	3.67	
Equipment except tractor ½ cost \$30.00	2.10	
Land: \$750.00	52.50	
Total Interest on investment	\$ 63.17	
Total Cost of Production	317.79	
Less Seed Credit: 1620 lbs. seed at \$60.00 ton	48.60	
Net Cost of Production Per Acre	269.19	
Net Cost Per Pound Lint	\$ 29.91	

COTTON

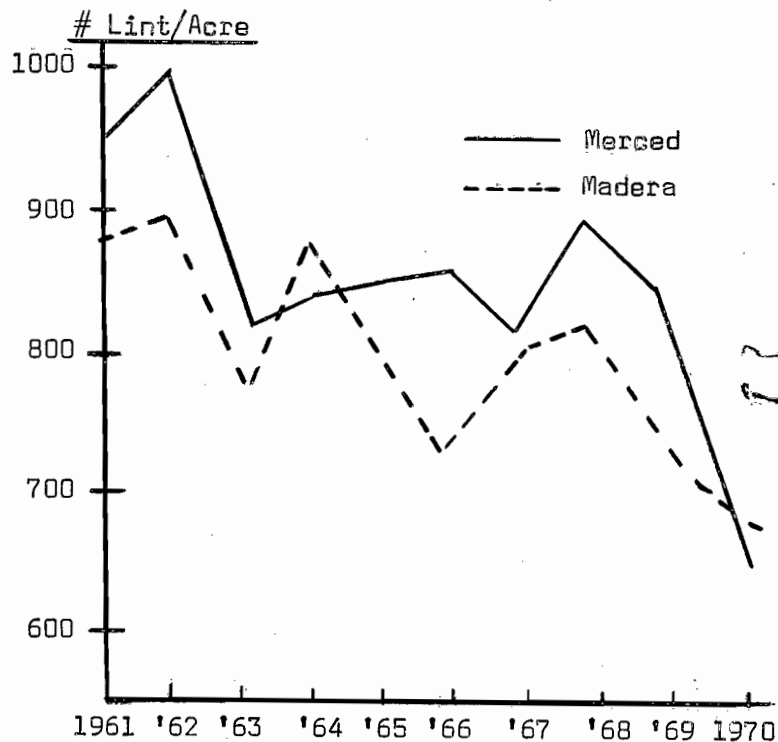
Sample Costs to Produce Cotton at Varying Yields

YIELD: <u>Pounds Lint Cotton Per Acre</u>	<u>500</u>	<u>750</u>	<u>1000</u>	<u>1250</u>
*Cash Costs Per Cwt. Lint	\$34.94	\$24.15	\$18.75	\$15.61
*Total Costs Per Cwt. Lint	\$51.80	\$35.38	\$27.17	\$22.35

*Seed credit has been applied as a cost reduction factor.

Yields per acre pound of lint*

<u>Year</u>	<u>Merced County</u>	<u>Madera County</u>
1961	950	875
1962	1000	883
1963	805	764
1964	834	874
1965	852	807
1966	857	739
1967	799	783
1968	907	815
1969	760	722
1970	625	672



*Source: Agricultural Commissioner's Reports

Comments About the Production Costs

1. Land preparation can include ripping, subsoiling, landplaning or precision tillage at some time during rotation.
2. Pest control costs indicated are minimal and could be considerably higher if a serious problem occurred.
3. Water costs will vary considerably within these two counties.

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