

COTTON  
COST ANALYSIS WORK SHEET

Sample costs to produce cotton in Madera and Merced Counties in 1968. Man labor at \$1.70 per hour total and equipment operator \$1.90. 40 h.p. wheel tractor per hour cash costs \$1.30, depreciation 70¢ and interest 30¢.

Costs are based on production of 1000 lbs. of lint per acre, from a solid planted stand with a 33 1/3% turnout.

	Sample Costs Per Acre	My Costs Per Acre
<b>Pre-harvest Cash Costs</b>		
Land preparation: 4 hrs. man and tractor	\$ 12.80	
Pre-plant herbicide - custom application	8.00	
Plant: 1/2 hr. 2 men and tractor	2.45	
Seed: 25 lbs. at 12¢	3.00	
Irrigate: 1 pre and 5 crop labor 6 hrs.	10.20	
Water 3 1/2 ac. ft. at \$3.50	12.25	
1/2 hr. man and tractor, ditching, etc.	1.60	
Cultivate 5X: 3 hrs. man and tractor	9.60	
Fertilizer: 80 lbs. N at 10¢	8.00	
Application, contract	2.50	
Pest control: materials	15.00	
Application	7.00	
Hand thinning and weeding 6 hrs. labor	10.20	
Defoliation, contract	4.50	
Taxes	13.50	
Misc. labor, equipment, materials	5.00	
Repairs except tractor	10.00	
Business expense - office, car, operating capital, etc.	12.00	
<b>Total Pre-harvest Cash Costs</b>	<b>\$147.60</b>	
<b>Harvesting Costs</b>		
Pick and haul 3000 lbs. of seed cotton		
1st pick - (80%) 2400 lbs. at \$1.50 cwt.	36.00	
2nd pick - (20%) \$10.00 per acre	10.00	
Ginning, bagging, ties, insurance, storage, sampling, etc. \$1.35 cwt. of feed cotton	40.50	
<b>Total Harvesting Costs</b>	<b>86.50</b>	
<b>Total Cash Costs</b>	<b>234.10</b>	
<b>Depreciation</b>		
Irrigation system - cost \$120.00 - 20 yrs.	6.00	
Tractor - 8 hrs. at 70¢	5.60	
Equipment except tractor - \$40.00 - 10 yrs.	4.00	
<b>Total Depreciation</b>	<b>15.60</b>	
<b>Interest on Investment at 7%</b>		
Irrigation system 1/2 cost \$60.00	4.20	
Tractor 8 hrs. at 30¢	2.40	
Equipment except tractor 1/2 cost \$20.00	1.40	
Land: \$900.00	63.00	
<b>Total Interest on Investment</b>	<b>71.00</b>	
<b>Total Cost of Production</b>	<b>320.70</b>	
<b>Less Seed Credit: 1690 lbs. seed at \$53.00 ton</b>	<b>44.78</b>	
<b>Net Cost of Production Per Acre</b>	<b>275.92</b>	
<b>Net Cost Per Pound Lint</b>	<b>27.59 cents</b>	

COTTON

Sample Costs to Produce Cotton at Varying Yields

YIELD: Pounds Lint Cotton Per Acre	500	750	1000	1250
Cost Per Cwt. Lint Cotton	\$53.01	\$35.73	\$27.60	\$23.11

Acresage, Yield, and Production of Cotton in California, and California Farm Prices of Cotton Lint and Cottonseed

Year	Acresage Harvested: 1000 Acres	Yield Per Acre Pounds Lint	Production in 1000 Bales	Calif. Farm Prices	
				Cottonseed Per Ton	Cotton Lint Cents Per Lb.
1968 +	680 <u>1/</u>	1041 <u>1/</u>	1475 <u>1/</u>		
1967	588	847	1040	53.00	31.9
1966	618	952	1228	61.40	27.0
1965	725	1116	1690	47.00	30.3
1964	743	1133	1760	48.40	33.5
1963	730	1124	1714	47.10	33.8
1962	809	1132	1912	50.60	32.9
1961	816	990	1689	55.90	33.7
1960	946	981	1939	51.50	30.9

+ Preliminary  
1/ 1968 indicated

Sources: California Crop and Livestock Reporting Service, University of California Agricultural Extension Service, and "California Cotton" reports dated August 8, 1968 and May 14, 1968.

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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