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COTTON
COST ANALYSIS WORK SHEET - 1973

Sample costs to produce cotton in Fresno County. Costs are based on a field producing 800 lbs. lint per acre. Man labor at \$2.90 per hour total, and equipment operator at \$3.50. Wheel diesel tractor per hour cash costs \$2.10, depreciation \$1.65 and interest 75¢. Gin turnout assumed to be 31%.

	Sample Costs		My Costs	
	Dollars Per Acre	Cents Per Lb. Lint	Per Acre	Per Lb. Lint
PRE-HARVEST CASH COST				
Land preparation: 3 hrs. man & tractor	\$ 16.80			
Nematode control, if needed - \$18.00	-			
Plant: seed 14 lbs. @ 21¢/lb.	2.94			
½ hr. man & tractor	1.40			
Irrigate: 1 pre and 5 crop - 8 hrs. labor	23.20			
3 ac. ft. @ \$8.00/ac. ft.	24.00			
Pre-emergence herbicide, custom and				
½ hr. man & tractor for discing	9.80			
Hand weeding, if needed - \$8.00 - \$18.00	-			
Cultivate 2 X: 1 hr. man & tractor	5.60			
Fertilize: 100 lbs. N @ 10¢	10.00			
application: custom	2.50			
Pest control: materials	10.50			
application	3.00			
Defoliation	6.00			
County taxes	20.25			
Misc. labor, materials, 1 hr. man & tractor	9.00			
Repairs to equipment except tractor	10.00			
Office and business costs - 6% cash costs	15.04			
TOTAL PRE-HARVEST COSTS	170.03	21.25		
HARVEST COSTS				
Picking and hauling				
85% 1st pick @ \$1.75/cwt	38.39			
15% 2nd pick @ \$2.00/cwt (\$14.00 minimum)	14.00			
Ginning, bags, ties, insurance, storage -	41.30			
\$1.60/cwt.				
TOTAL HARVEST COST	93.69	11.71		
MISCELLANEOUS COSTS				
Research and promotion @ \$1.00/bale	1.60			
Pink bollworm eradication @ 25¢/bale	.40			
TOTAL CASH COSTS	265.72	33.22		
DEPRECIATION				
Irrigation system - \$220 - 15 yrs.	14.67			
Tractor - 5 3/4 hrs. @ \$1.65	9.49			
Other equipment \$50 - 10 years.	5.00			
TOTAL DEPRECIATION	29.16	3.64		
INTEREST ON INVESTMENT @ 8%				
Irrigation system ½ cost \$110	8.80			
Tractor: 5 3/4 hrs. @ 75¢	4.31			
Other equipment ½ cost \$25	2.00			
Land \$800/acre	64.00			
TOTAL INTEREST ON INVESTMENT	79.11	9.89		
TOTAL COST OF PRODUCTION	373.99	46.75		
Credit for seed - 1,360 lbs. @ \$125/ton	85.00	10.62		
NET COST OF PRODUCTION	288.99	36.12		

COTTON - FRESNO COUNTY - 1973

Cost Per Pound Lint at Varying Yields

Yield: Lbs. lint per acre	600	800	1000	1200	1400
Cash cost per pound lint with seed credit applied	30.68¢	22.59¢	18.34¢	15.22¢	13.06¢
Total cost per pound lint with seed credit applied	48.72¢	36.12¢	29.17¢	24.93¢	20.79¢

Individual items listed in the sample costs may vary widely from field to field.

Pest control costs are highly variable depending upon the kinds of pests and the necessity of control.

Water costs may exceed \$20 per acre foot where deep wells are used as a source of irrigation water.

If sprinkler irrigation is used, repair costs, depreciation and interest on the irrigation system may be increased.

On larger farms where part or full-time supervisors are employed, the cash costs may increase by \$8 to \$12 per acre.

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