

COTTON COST ANALYSIS WORK SHEET - 1975

Sample costs to produce cotton in Kern County in 1975. Costs are based on a solid planting with a yield of 1000 lbs. lint per acre. Man labor at \$3.00 per hour, total cost to grower, and equipment operator \$3.60. Heavy four wheel drive wheel diesel tractor per hour cash costs \$3.60, depreciation \$2.10, and interest \$1.00. Medium wheel tractor costs \$2.45, \$1.50 and \$.75. Gin turnout is assumed to be 32%.

DAVID L. WEST, KERN COUNTY FARM ADVISOR AND EDWARD A. YEARY, FARM ADVISOR-STATEWIDE

	SAMPLE COSTS		MY COSTS	
	PER ACRE	PER CWT. LB. LINT	PER ACRE	PER CWT. LB. LINT
<u>Pre-harvest Cash Costs</u>				
Land preparation: 3 hrs. heavy tractor	\$	21.60		
Plant: Seed 15 lbs. at 21¢		3.15		
1/3 hr. 2 men and medium tractor		3.02		
Irrigate: 1 pre and 7 crop: 8 hours labor		24.00		
Water: power for 3 1/2 ac.-ft. @ \$15.00		52.50		
Pre-emergence herbicide: total		9.00		
Thin and weed: contract		15.00		
Cultivate and fertilizers 3 times				
Labor 2 hours		6.90		
1 1/2 hours, medium tractor		3.60		
Fertilizer		18.00		
*Pest control: total		30.00		
Defoliation		7.00		
County taxes		18.00		
Miscellaneous labor, materials 1 hr. medium tractor		8.00		
Repairs to equipment except tractors		12.00		
Supervision		12.50		
Office and business costs 6% of labor costs		14.65		
<b>TOTAL PRE-HARVEST CASH COSTS</b>		<b>\$258.92</b>		
<u>Harvesting Costs</u>				
Picking and hauling				
85% first pick at \$2.25		69.75		
15% second pick at \$2.50 (\$15.00 minimum)		15.00		
Ginning, cleaning, drying, ties, bags insurance, 20 days storage \$1.75/cwt.		56.00		
<b>TOTAL HARVESTING COSTS</b>		<b>\$140.75</b>		
<u>Miscellaneous Cash Costs</u>				
Pink Bollworm Eradication @ 50¢/Bale	\$	.50		
Research and Promotion @ \$1.25/Bale		2.50		
<b>TOTAL CASH COSTS</b>		<b>\$402.67</b>		
<u>Depreciation</u>				
Irrigation system and well \$250 cost 20 years		12.50		
Heavy tractor: 3 hrs. at \$2.10		6.30		
Medium tractor: 3 hrs. at \$1.50		4.50		
Other equipment \$50 cost 10 year life		5.00		
<b>TOTAL DEPRECIATION</b>		<b>\$ 28.30</b>		

	SAMPLE COSTS		MY COSTS	
	PER ACRE	PER CWT. LB. LINT	PER ACRE	PER CWT. LB. LINT
<u>Interest on Investment @ 8%</u>				
Irrigation system and well: 1/2 cost \$125	\$ 10.00			
Heavy tractor: 3 hrs. at \$1.00		3.00		
Medium tractor: 3 hrs. at \$.75		2.25		
Other equipment: 1/2 cost \$25.00		2.00		
Land: \$1,000 @ 8%		80.00		
<b>TOTAL INTEREST ON INVESTMENT</b>	<b>\$ 97.25</b>			
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<b>TOTAL COST OF PRODUCTION</b>	<b>\$528.22</b>			
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Seed credit: 1900 lbs. @ \$160/ton	\$152.00			
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<b>NET COST OF PRODUCTION</b>	<b>\$376.22</b>			
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\* This cost may vary widely - nematode control could add \$15 to \$20 per acre.