

COTTON PRODUCTION

Cost Analysis Work Sheet

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This work sheet is based on estimates on the east side of Fresno County. Water costs on the west side are substantially higher. Depreciation on pumps and irrigation systems are also greater. The investment in land, on the other hand, may be slightly lower. The higher net costs for producing cotton on the west side makes it necessary to produce greater yields to be profitable.

Pest control figures may range widely. In some cases it may be necessary to use more costly chemicals or more costly and less convenient means of applying chemicals to avoid contaminating adjacent crops with illegal residues.

These costs are based on solid planted cotton. Any method of skip row planting will materially increase the cost of production per planted acre. Increased yields, therefore, must be great enough to pay for the increased cost of production.

SAMPLE COSTS PER CWT. LINT COTTON AT VARYING YIELDS

Table with 5 columns: Yield (500, 750, 1000, 1250, 1500) and Net Cost Per Cwt. Lint Cotton (\$54.24, 37.33, 28.87, 23.83, 20.57)

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COTTON - EAST SIDE

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Sample costs to produce cotton on the East Side of Fresno County. Based on a solid planted stand yielding 1000 lbs. of lint per acre with a 36% turnout. Man labor \$1.35 per hour total and equipment operator \$1.60. Medium wheel tractor per hour cash costs \$1.20, depreciation 60¢ and interest 30¢.

	Sample Costs		My Costs	
	Per Acre	Per Cwt. Lint	Per Acre	Per Cwt. Lint
PRE-HARVEST CASH COSTS				
Land preparation: 5 hrs. man & tractor	14.00			
Plant: seed; 35 lbs. delinted, treated; 11¢/lb.		3.85		
1/3 hr. per acre, 2 men & tractor		1.38		
Irrigate: 1 pre & 7 crop; 8 hrs. labor		10.80		
water: power for 4 ac. ft. @ \$4.00		16.00		
Pre-emergence herbicide; total		8.00		
Thin & weed: contract		18.00		
Cultivate & fertilize 3 x: 3½ man hrs.				
3 tractor hrs.		9.08		
fertilizer: 125 lbs. N @ 10¢		12.50		
Misc. work: 2/3 hr. man & tractor; 1 hr. labor		3.22		
** Pest control: materials & application		28.00		
Defoliation: contract, total		4.00		
County taxes:		13.85		
Repairs to equipment except tractor		4.00		
Misc. for office, car, oper. capital, etc.		13.00		
TOTAL PRE-HARVEST CASH COSTS	159.68	15.97		
HARVESTING COSTS				
Picking & hauling;				
85% 1st pick @ \$1.50 cwt.		35.42		
15% 2nd pick @ \$2.00 cwt. with \$10 minimum		10.00		
Ginning, cleaning, drying, ties, bags, ins. storage 20 days, sampling, etc. \$1.25 cwt. seed cotton basis		34.73		
TOTAL HARVESTING COSTS	80.15	8.01		
TOTAL CASH COSTS	239.83	23.98		
DEPRECIATION				
Irrigation system & well: \$210 cost, 20 yrs.		10.50		
Tractor: 9 hrs. @ 60¢		5.40		
Equipment except tractor: \$40 cost: 10 yrs.		4.00		
TOTAL DEPRECIATION	19.90	1.99		
INTEREST ON INVESTMENT AT 6%				
Irrigation system & well: ½ cost \$105		6.30		
Tractor: 9 hrs. @ 30¢		2.70		
Equipment except tractor: ½ cost \$20		1.20		
Land: \$900.00		54.00		
TOTAL INTEREST ON INVESTMENT	64.20	6.42		
TOTAL COST OF PRODUCTION	323.93	32.39		
Seed credit: 1500 lbs. @ \$47/ton		35.25		
NET COST OF PRODUCTION	288.68	28.87		

** Does not include nematode control. This would add \$17.00 per acre to pest control costs.