

COTTON

Cost Analysis Work Sheet

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 \$1.25 per hour total, and equipment operator \$1.40. Medium wheel tractor cash costs \$1.25 per hour, depreciation 70¢ and interest 25¢.

	Sample Costs Per Per Cwt. Lint Acre	My Costs Per Per Cwt. Lint Acre
PRE-HARVEST CASH COSTS		
Land preparation - 5 hrs. man & tractor	13.25	
Plant - 4 row planter, 2 man & tractor 1/3 hr./Ac.	1.31	
Seed - 35 lbs. delinted & treated @ 10¢	3.50	
Irrigate: 1 pre & 7 crop - 8 hrs. labor	10.00	
Water - power for 4 ac. ft. @ \$2.50	10.00	
Thin & weed - contract	11.00	
Cultivate & fertilize 3½ man hrs. 3 tractor hrs.	8.58	
Fertilizer - 125 lbs. N @ 12½¢	15.63	
Hoe & weed 1 time	5.00	
Misc. work 2/3 hr. man & tractor 1 hr. man labor	3.01	
* Pest control - materials & application	28.00	
Defoliation - contract materials & application	4.00	
County taxes	6.75	
General expense - office, car, operating capital, etc.	12.00	
Repairs to equipment except tractor	2.50	
Total Pre-Harvest Cash Costs	134.53	13.45
HARVESTING, GINNING AND PROCESSING		
Picking and hauling		
80% 1st pick @ \$1.50 cwt.	33.33	
20% 2nd pick @ \$2.00 cwt.	11.10	
Ginning, cleaning, drying, ties, bags		
Insurance & storage for 20 days, sampling, etc. @ \$1.20 cwt. seed cotton	33.33	
TOTAL HARVESTING COSTS	77.76	7.78
TOTAL CASH COSTS	212.29	21.23
DEPRECIATION		
Tractor - 9 hrs. @ 70¢	6.30	
Bldgs. & irrigation system - cost \$120 - 16 yr. life	7.50	
Equipment except tractor - cost \$25 - 10 yr. life	2.50	
TOTAL DEPRECIATION	16.30	1.63
INTEREST ON INVESTMENT @ 6%		
Tractor - 9 hrs. @ 25¢	2.25	
Bldgs. & irrigation system - ½ cost \$60	3.60	
Equipment except tractor - ½ cost \$12.50	.75	
Land @ \$700	42.00	
TOTAL INTEREST ON INVESTMENT	48.60	4.86
TOTAL COST OF PRODUCTION	277.19	27.72
SEED CREDIT		
1500 lbs. seed @ \$57/ton	42.75	
NET COST OF PRODUCTION	234.44	23.44

* Does not include nematode control. This would add \$17 per acre to pest control costs.

COTTON PRODUCTION
Cost Analysis Work Sheet

by
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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.

Various systems of skip-row planting are now commonly used in cotton. 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

Yield: Lbs. Lint Cotton Per Acre	500	750	1000	1250	1500
Net Cost Per Cwt. Lint	\$43.39	\$30.09	\$23.44	\$19.46	\$16.80

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