

COST ANALYSIS WORK SHEET - KINGS COUNTY - 1965

SAMPLE COSTS PER ACRE TO PRODUCE/ COTTON - SOLID PLANTING

(Based on a yield of 1000 pounds lint per acre.)

Man labor @ \$1.40 and \$1.65 per hour, including Social Security and Compensation Insurance; tractors: 60 HP track & 40 HP wheel-per hr. cash costs \$2.60 & \$1.30; depreciation \$2.00 & \$.75; interest \$.90 & \$.25.

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	Sample Costs		My Costs	
	Per Acre	Per Cwt. L.	Per Acre	Per. Cwt. L.
Pre-Harvest Cash Costs:				
Land Preparation - 60 HP - 1½ hr.; 40 HP-2.0 hrs.	\$ 12.28			
Plant (4-row planter) 2 men & tractor .3 hr.	1.31			
Seed: 20 pounds @ 10¢	2.00			
Irrigate: 1 pre and 6 crop, 10 man hours	14.00			
*Water: Power to pump 3 acre feet @ \$5.00	15.00			
Cultivate: 4 times, man & tractor 2 hrs.	5.90			
Fertilizer: 80# of Nitrogen @ 7¢	5.60			
Fertilizer Application: contract	2.25			
Weed Control: Hand - 1 times x, - 4 M. hrs.	5.60			
Chemicals - \$5.20; Applic. \$2.00	7.20			
Insecticides: Mites @ \$5, Lygus @ \$3, Bollworms @ \$2.50	10.50			
Apply insecticides: 2 grd. @ \$1.50, 2 Air @ \$2.75	8.50			
Miscellaneous Labor, equipment & materials	5.00			
County Taxes	7.50			
Office, car, operating capital, etc.	7.50			
Repairs (except tractor): Irrig. system, equip.	3.50			
TOTAL PRE HARVEST CASH COSTS	\$117.64	\$11.36		
Harvesting Costs:				
Defoliate: 2 gals. material @ 85¢; air application @ \$2.75	\$ 4.45	\$.44		
Picking: Machine (contract) 2444 lbs. seed cotton @ \$1.25/CWT. & 501 lbs. @ \$1.50/CWT. including hauling	38.07	3.81		
Ginning, bagging, ties, insurance, storage & sampling @ \$1.25/CWT. seed cotton	36.81	3.68		
TOTAL HARVESTING COSTS	\$ 79.33	\$ 7.94		
TOTAL CASH COSTS	\$192.97	\$19.30		
Depreciation:				
Irrigation System: (original cost \$140) 16 yr. life	\$ 8.75			
Tractor: 1½ hours @ \$2.00 & 5 hrs. @ \$.75	6.75			
Equipment, except tractor: (original cost \$30) 10 yr. life	3.00			
TOTAL DEPRECIATION	\$ 18.50	\$ 1.85		
TOTAL CASH & DEPRECIATION COSTS	\$211.47	\$ 21.15		
Interest on Investment @ 6%:				
Land at \$700	\$ 42.00			
Irrigation system on 1/2 cost (\$70)	4.20			
Tractor: 1½ hours @ 90¢ & 5 hrs. @ 25¢	2.60			
Equipment on 1/2 cost (\$15.00)	.90			
TOTAL INTEREST	\$ 49.70	\$ 4.97		
TOTAL COST OF PRODUCTION	\$261.17	\$ 26.12		
Less Seed Credit for 1501 lbs. seed @ \$47/T	\$ 35.27	\$ 3.53		
NET COST OF PRODUCTION LINT COTTON	\$225.90	\$ 22.59		

Nematode treatment under pre-harvest costs would add \$15 per acre. *Water costs vary considerably. The figure used is low in some areas and too high in others. (Over)

Cost Per CWT. Lint Cotton At Varying Yields

Yield - lbs. per acre	500	750	1000	1250	1500
Net Cost per CWT. lint	\$41.22	\$28.80	\$22.59	\$18.86	\$16.38

The costs are estimated on an average solid-planted yield. Your costs will vary from those presented here. The two columns on the right on the Cost Analysis Work Sheet are provided for your use.