

SAMPLE COSTS TO PRODUCE COTTON IN KINGS COUNTY

Cost Analysis Worksheet - 1982

Sample costs to produce cotton in Kings County. Costs are based on field producing 1000 lbs. of lint per acre. Equipment operator \$6.25 per hour total cost to the grower, and other labor \$5.25. Wheel diesel tractor per hour cash costs \$9.40 depreciation \$2.34 and interest \$1.86. Gin turnout is 31%.

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	SAMPLE	COSTS	MY	COSTS
	PER ACRE	PER CWT. LINT	PER ACRE	PER CWT. LINT
Pre-Harvest Costs				
Land Preparation: 3hrs. labor and tractor	\$46.95			
*Nematode control, if needed: \$45.00 per acre				
Plant: Acid de-linted seed 14 lbs. at 41¢	5.74			
1/4 Hr. labor and tractor	3.91			
Irrigate: 1 Pre and 4 Crop				
7 Hrs. Labor	36.75			
3 Acre Ft. at \$25.00	75.00			
Pre-emergence herbicide, custom and 1/2 hr. discing	17.50			
Hand Weeding: 6 Hrs. Labor	31.50			
Cultivate 3 times: 1 1/2 Hr. Labor & Tractor	23.48			
Fertilize: 100 Lbs. "N" at 18¢, source NH ₃	18.00			
Application: Custom	5.00			
Mite Control Materials:	14.40			
Application: Custom 2X	13.00			
Defoliation 2 times	17.40			
Land Rent	150.00			
Misc. Labor, Material, Field Power	20.00			
Repairs to equipment-except tractor	20.00			
Office and Business Costs, 9% of Cash Costs	44.88			
TOTAL PRE-HARVEST COSTS	\$543.51	\$ 54.35		
Harvesting Costs:				
Picking and Hauling				
90% - 1st pick @ \$3.00 per cwt.	87.10			
10% - 2nd pick @ \$20.00/acre	20.00			
Ginning, Bags, Ties, Insurance, Invoicing, and Storage for 20 Days @ \$3.17 per cwt. field run	102.26			
TOTAL HARVEST COSTS	\$209.36	\$20.94		
Miscellaneous Cash Costs:				
Research & Promotion \$1.00 per bale plus 4/10% lint value, estimated sale at 60¢ per lb. lint	4.40			
Pink Bollworm Eradication @ \$1.75/Bale	3.65			
Classing Costs @ 60¢/Bale	1.25			

(OVER)

	PER ACRE	PER CWT. LINT	PER ACRE	PER CWT. LINT
<u>Miscellaneous Cash Costs: (continued)</u>				
National Cotton Council 30¢/Bale	\$.60			
Western Cotton Growers @ 2¢/Bale	.04			
TOTAL MISCELLANEOUS COSTS	9.94	\$.99		
TOTAL CASH COSTS	762.81	76.28		
<u>Depreciation:</u>				
Irrigation System \$300 renter owned 16 year life	18.75			
Tractor: 6½ Hrs. @ \$2.34	14.63			
Other Equipment: \$100.00 - 10 Yr. Life	10.00			
TOTAL DEPRECIATION	\$ 43.38	\$ 4.34		
<u>Interest on Investment @ 1½</u>				
Irrigation System (renter) - 1/2 Cost - \$150.00	21.00			
Tractor 6½ Hrs. @ \$1.86	11.63			
Other Equipment: 1/2 Cost - \$50.00	7.00			
TOTAL INTEREST ON INVESTMENT	\$ 39.63	\$ 3.96		
TOTAL COST OF PRODUCTION	845.82	\$ 84.58		
CREDIT FOR SEED: 1700 Lbs. @ \$95/ TON	80.75	8.08		
NET COST OF PRODUCTION	\$765.07	\$ 76.50		

*(Nematode Control) - This treatment is not usually required in Kings County.

SAMPLE COSTS AT VARYING YIELDS

PER POUND LINT

YIELD - LBS. LINT PER ACRE	700 #	800 #	900 #	1000 #	1100 #	1200 #
NET COST OF PRODUCTION PER POUND LINT SEED CR. APPLIED	\$ 1.04	92.7¢	82.6¢	76.5¢	70.6¢	65.7¢
<u>WATER AT \$50/ACRE FOOT</u>						
YIELD - LBS. LINT PER ACRE	700 #	800 #	900 #	1000 #	1100 #	1200 #
TOTAL COST PER POUND WITH SEED CREDIT APPLIED	\$ 1.15	\$1.02	.91¢	.84¢	.77.4¢	.72¢

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