

PSP ✓

SAMPLE COSTS TO PRODUCE COTTON IN KINGS COUNTY

COST ANALYSIS WORK SHEET - 1974

Costs are based on a solid planting with a yield of 900 lbs. lint per acre; man labor \$2.00 per hour total and equipment operator \$3.50. Heavy wheel tractor per hour cash costs \$3.86, depreciation \$1.67 and interest 80¢. 32% Gin Turnout.

O. D. MCCUTCHEON, KINGS COUNTY FARM ADVISOR AND EDWARD A. YEARY, FARM ADVISOR-STATEWIDE

	SAMPLE COSTS		NY COSTS	
	PER ACRE	PER LB. LINT	PER ACRE	PER LB. LINT
<b>Pre-harvest Cash Costs:</b>				
Land Preparation: 5 hrs. man & tractor	\$ 22.08			
Herbicide Control, if needed: \$21.00	-----			
Plant: Seed, 14 lbs. seed at 26¢	3.64			
1/4 hr. man and tractor	1.84			
Irrigate: 1 pre and 5 crop				
8 hrs. labor	23.20			
Power for 3 acre ft. at \$6.50	19.50			
Pre-emergence herbicide, custom	9.50			
Hand Weeding: Contract \$12.00	12.00			
Cultivate 4 times 1 1/2 hrs. man & tractor	11.04			
Fertilize: 100 lbs. "N" at 14¢	14.00			
Application: Custom \$3.00	3.00			
Pest Control Materials: \$6.00	6.00			
Application: Total \$3.00	3.00			
Defoliation	6.00			
County Taxes	18.00			
Miscellaneous labor, materials, field power	11.00			
Repairs to equipment - Except tractor	12.00			
Supervision	12.00			
Office, Car, Business Costs, Etc.--6% of Cash Costs	18.89			
<b>TOTAL PRE-HARVEST CASH COSTS</b>	<b>\$ 206.69</b>	<b>.23</b>		
<b>Harvesting Costs:</b>				
Picking And Hauling				
85% - 1st Pick @ \$2.50/cwt.	\$ 59.77			
15% - 2nd Pick @ \$15.00/Acre	15.00			
Ginning, Bags, Ties, Insurance, Storage for				
20 Days @ \$1.75/cwt field run	49.26			
<b>TOTAL HARVEST COSTS</b>	<b>\$ 124.03</b>	<b>.14</b>		
<b>Miscellaneous Cash Costs:</b>				
Pink Bollworm Eradication @ 25¢/Bale	\$ .45			
Research & Promotion @ \$1.25/Bale	2.25			
In-Lieu tax @ 21¢/Bale	.38			
<b>TOTAL CASH COSTS</b>	<b>\$ 533.80</b>	<b>.37</b>		
<b>Depreciation:</b>				
Irr. System & Well, \$220 Cost - 15 Yr. Life	\$ 14.67			
Tractor: 5 3/4 Hrs. @ \$1.67	9.60			
Other Equipment: \$50.00 - 10 Yr. Life	5.00			
<b>TOTAL DEPRECIATION</b>	<b>\$ 29.27</b>	<b>.03</b>		
<b>Interest on Investment @ 8%:</b>				
Irr. System & Well - 1/2 Cost \$110	\$ 8.80			
Tractor: 5 3/4 Hrs. @ 80¢	4.60			
Other Equipment: 1/2 Cost \$25.00	2.00			
Land: \$1000	80.00			
<b>TOTAL INTEREST ON INVESTMENT</b>	<b>\$ 95.40</b>	<b>.11</b>		

(OVER)

	SAMPLE COSTS		MY COSTS	
	PER ACRE	PER LB. LINT	PER ACRE	PER LB. LINT
TOTAL COST OF PRODUCTION	\$ 458.47	.51		
CREDIT FOR SEED: 1600 Lbs. @ \$125/Ton	\$ 100.00	-.11		
NET COST OF PRODUCTION	\$ 358.47	.40		

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

Seed volume is 56.8% of field run weight.

SAMPLING COSTS AT VARYING YIELDS

PER POUND LINT

YIELD - LBS. LINT PER ACRE	700	800	900	1000	1100
NET COST OF PRODUCTION PER POUND LINT-	\$.51	\$.45	\$.40	\$.36	\$.33

Individual items listed in the sample costs may vary widely from field to field.

Pest control costs are highly variable depending upon the kinds of pests and the necessity of control.

Water costs may exceed \$20 per acre foot where deep wells are used as a source of irrigation water.

If sprinkler irrigation is used, repair costs, depreciation and interest on the irrigation system may be increased.

On larger farms where part or full-time supervisors are employed, the cash costs may increase by \$8 to \$12 per acre.