

\*\*\*\*\*  
**SAMPLE COST TO PRODUCE COTTON**  
**FRESNO COUNTY 1984**  
\*\*\*\*\*

**DATA ENTRY SECTION**  
-----

Labor		
Field	\$/hr	5.50
Equipment Oper.	\$/hr	6.50
Equipment Cost		
80 HP Tractor	\$/hr	10.69
130 HP Tractor	\$/hr	15.79
Yield	lbs/ac	1000
Gin Turnout	%	32
Estimated Price	\$/lbs	0.75
Seed to Lint Ratio		1.70
Interest Rate	%	12

\*\*\*\*\*

ACTIVITY	UNIT COST	UNIT	RATE	UNIT	COST/ACRE	COST/LBS
----------	-----------	------	------	------	-----------	----------

\*\*\*\*\*

**PRE-HARVEST COST**  
-----

**Land Preparation**

Labor	6.50	\$/hr	3.00	hr/ac	19.50
130 HP Tractor	15.79	\$/hr	1.00	hr/ac	15.79
80 HP Tractor	10.69	\$/hr	2.00	hr/ac	21.38

**Nematode Control if Needed**

	66.00	\$/ac	1.00	ac	
--	-------	-------	------	----	--

**Preplant Herbicide**

Material	6.75	\$/ac	1.00	ac	6.75
Application	8.00	\$/ac	1.00	ac	8.00

**Incorporation**

Labor	6.50	\$/hr	0.50	hr/ac	3.25
80 HP Tractor	10.69	\$/hr	0.50	hr/ac	5.35

**Planting**

Seed	0.55	\$/lbs	14.00	lbs/ac	7.70
Labor	6.50	\$/hr	0.25	hr/ac	1.63
80 HP Tractor	10.69	\$/hr	0.25	hr/ac	2.67

**Fertilizer**

Material (NH3)	0.19	\$/lbs	125	lbs/ac	23.75
Application Custom	7.00	\$/ac	1.00	ac	7.00

**Irrigation**

Water charge	15.00	\$/acft	3.00	acft/ac	45.00
Labor (1 pre and 5 post irrig.)	5.50	\$/hr	6.00	hr/ac	33.00

**Postplant weed control**

Material	15.00	\$/ac	1.00	ac	15.00
Application	8.00	\$/ac	1.00	ac	8.00
Hand weeding (1x)	5.50	\$/hr	5.00	hr/ac	27.50
Cultivation (3x)					
Labor	6.50	\$/hr	1.50	hr/ac	9.75
80 HP Tractor	10.69	\$/hr	1.50	hr/ac	16.04

**Mite Control**

Material	11.00	\$/ac	1.00	ac	11.00
Application	5.00	\$/ac	1.00	ac	5.00

**Insect Control**

Material	10.00	\$/ac	1.00	ac	10.00
Application	5.00	\$/ac	1.00	ac	5.00

**Defoliation (2x)**

Material	10.00	\$/ac	2.00	x/ac	20.00
Application	5.00	\$/ac	2.00	x/ac	10.00

Land Rent	125.00	\$/ac	1.00	ac	125.00
Non-tractor repair	20.00	\$/ac	1.00	ac	20.00
Misc. Labor					
Labor	6.50	\$/hr	1.00	hr/ac	6.50
80 HP Tractor	10.69	\$/hr	1.00	hr/ac	10.69
Office Expense	20.00	\$/ac	1.00	ac	20.00
Interest on Loan					
(prod. cost/2)*IR	12.00	%/\$	520.24	\$/ac	31.21
<b>TOTAL PREHARVEST COST</b>					<b>551.45</b>
<b>HARVEST COST</b>					<b>0.55</b>
Picking +Hauling					
1st pick 90%	3.20	\$/cwt SC	28.13	cwt/ac	90.00
2nd pick 10%	3.35	\$/cwt SC	3.13	cwt/ac	10.47
Ginning: (Bags, Ties, etc.)	3.20	\$/cwt SC	31.25	cwt/ac	100.00
<b>TOTAL HARVEST COST</b>					<b>200.47</b>
<b>MISCELLANEOUS CASH COST</b>					
CI Research and promotion	1.00	\$/bale	2.08	bale/ac	2.08
plus .4% of value	0.40	%/\$	750.00	\$/ac	3.00
Pink bollworm	1.75	\$/bale	2.08	bale/ac	3.65
National Cotton C.	0.45	\$/bale	2.08	bale/ac	0.94
West. Cotton G. A.	0.06	\$/bale	2.08	bale/ac	0.12
USDA Classing	1.10	\$/bale	2.08	bale/ac	2.29
<b>TOTAL MISCELLANEOUS COST</b>					<b>12.08</b>
<b>TOTAL CASH COST</b>					<b>764.00</b>
<b>DEPRECIATION</b>					<b>0.76</b>
Irrigation system	300.00	\$/ac	16.00	years	18.75
80 HP Tractor	2.58	\$/hr	5.25	hr/ac	13.55
130 HP Tractor	4.75	\$/hr	1.00	hr/ac	4.75
Other Equipment	100.00	\$/ac	10.00	years	10.00
<b>INTEREST ON INVESTMENT</b>					
Irrigation system	160.00	\$/ac	12.00	%/\$	19.20
80 HP Tractor	1.94	\$/hr	5.25	hr/ac	10.19
130 HP Tractor	3.56	\$/hr	1.00	hr/ac	3.56
Other Equipment	50.00	\$/ac	12.00	%/\$	6.00
<b>TOTAL NON-CASH COST</b>					<b>85.99</b>
<b>TOTAL COST OF PRODUCTION</b>					<b>849.99</b>
<b>CREDIT FOR SEED</b>					<b>0.85</b>
CREDIT FOR SEED	120.00	\$/ton	0.85	ton/ac	102.00
<b>NET COST OF PRODUCTION</b>					<b>747.99</b>
<b>PROFIT OR LOSS</b>					<b>0.75</b>
<b>PROFIT OR LOSS</b>					<b>2.01</b>
<b>PROFIT OR LOSS</b>					<b>0.00</b>