

**SAMPLE COST TO PRODUCE COTTON  
SAN JOAQUIN VALLEY - 1987**

**COST DATA ENTRY SECTION**

I. FACTOR	COST	UNIT
A. Labor		
Field	\$5.00	\$/hr
Equipment Operator	\$6.00	\$/hr
B. Equipment		
80 HP Tractor	\$10.00	\$/hr
130 HP Tractor	\$15.00	\$/hr
C. Yield	1100	lbs/ac
D. Gin Turnout	33	%
E. Estimated Lint Price	\$0.65	\$/lbs
F. Seed to Lint Ratio	1.7	
G. Interest Rate	10	%
H. Credit for Seed	\$110.00	\$/ton

ACTIVITY	UNIT COST	UNIT	RATE	UNIT	COST/ACRE	COST/POUND
<b>II. PREHARVEST COST</b>						
A. Land Preparation						
Labor	\$6.00	\$/hr	3	hr	\$18.00	
130 HP Tractor	\$15.00	\$/hr	1	hr	\$15.00	
80 HP Tractor	\$10.00	\$/hr	2	hr	\$20.00	
B. Nematode Control (if needed)	\$66.00	\$/ac	0	ac	\$0.00	
C. Preplant Herbicide						
Material	\$5.25	\$/ac	1	ac	\$5.25	
Application	\$6.00	\$/ac	1	ac	\$6.00	
Incorporation						
Labor	\$6.00	\$/hr	0.5	hr	\$3.00	
80 HP Tractor	\$10.00	\$/hr	0.5	hr	\$5.00	
D. Planting						
Seed	\$0.60	\$/lb	14	lbs	\$8.40	
Labor	\$6.00	\$/hr	0.3	hr	\$1.80	
80 HP Tractor	\$10.00	\$/hr	0.3	hr	\$3.00	
E. Fertilize						
Material (NH3)	\$0.17	\$/lb	125	lbs/ac	\$21.25	
Application (Custom)	\$7.00	\$/ac	1	ac	\$7.00	
Manure (Chicken)						
Includes Appl.	\$25.00	\$/ton	0	tons/ac	\$0.00	
Urea (Water Run)	\$0.27	\$/lbs	0	lbs/ac	\$0.00	
F. Irrigation						
Water Charge	\$25.00	\$/acft	3	acft	\$75.00	
Labor (1 pre & 5 postplant)	\$5.00	\$/hr	6	hr	\$30.00	
G. Postplant Weed Control						
Hand Weeding	\$4.00	\$/hr	5	hr	\$20.00	
Cultivation						
Labor	\$6.00	\$/hr	1.5	hr	\$9.00	
80 HP Tractor	\$10.00	\$/hr	1.5	hr	\$15.00	
Material	\$16.00	\$/ac	1	ac	\$16.00	
Application	\$6.00	\$/ac	1	ac	\$6.00	
H. Mite Control						
Material	\$10.00	\$/ac	1	ac	\$10.00	
Application	\$6.00	\$/ac	1	ac	\$6.00	
I. Insect Control						
Material	\$8.00	\$/ac	1	ac	\$8.00	
Application	\$5.00	\$/ac	1	ac	\$5.00	

ACTIVITY	UNIT COST	UNIT	RATE	UNIT	COST / ACRE	COST/ POUND
<b>J. Defoliation</b>						
Material	\$7.00	\$/ac	2	ac	\$14.00	
Application	\$5.00	\$/ac	2	ac	\$10.00	
<b>K. Land Rent</b>	\$100.00	\$/ac	1	ac	\$100.00	
<b>L. Non-tractor Repair</b>	\$20.00	\$/ac	1	ac	\$20.00	
<b>M. Misc. Labor</b>						
Labor	\$6.00	\$/hr	1	hr	\$6.00	
80 HP Tractor	\$10.00	\$/hr	1	hr	\$10.00	
<b>N. Office Expense</b>	\$10.00	\$/ac	1	ac	\$10.00	
<b>O. Interest on Prod. Loan</b> (Prod. Cost/2) * I.R.	10	%	\$241.85	\$/ac	\$24.19	
<b>TOTAL PREHARVEST COST</b>					\$507.89	\$0.46
<b>III. HARVEST COST</b>						
<b>A. Picking &amp; Hauling</b>						
1st Pick (90%)	\$3.20	\$/cwt	30.00	cwt SC	\$96.00	
2nd Pick (10%)	\$3.35	\$/cwt	3.33	cwt SC	\$11.16	
<b>B. Ginning: (bags,ties,etc)</b>	\$3.20	\$/cwt	33.33	cwt SC	\$106.66	
<b>TOTAL HARVEST COST</b>					\$213.82	\$0.19
<b>IV. MISCELLANEOUS COST</b>						
<b>A. CI Promotion \$1/bale &amp; .6% of value</b>	\$1.00	\$/bale	2.29	bale	\$2.29	
	\$715.00	\$/ac	0.6	%	\$4.29	
<b>B. Pink Bollworm Fund</b>	\$1.75	\$/bale	2.29	bale	\$4.01	
<b>C. National Cotton Council</b>	\$0.45	\$/bale	2.29	bale	\$1.03	
<b>D. Western Cotton Growers</b>	\$0.03	\$/bale	2.29	bale	\$0.07	
<b>E. Classing Cost</b>	\$1.10	\$/bale	2.29	bale	\$2.52	
<b>TOTAL MISCELLANEOUS COST</b>					\$14.21	\$0.01
<b>TOTAL CASH COST</b>					\$735.92	\$0.67
<b>V. DEPRECIATION</b>						
<b>A. Irrigation System</b>	\$300.00	\$/ac	16	years	\$18.75	
<b>B. 80 HP Tractor</b>	\$2.58	\$/hr	5.25	hr/ac	\$13.55	
<b>C. 130 HP Tractor</b>	\$4.75	\$/hr	1	hr/ac	\$4.75	
<b>D. Other Equipment</b>	\$100.00	\$/ac	10	years	\$10.00	
<b>VI. INTEREST ON INVESTMENT</b>						
<b>A. Irrigation System</b>	\$160.00	\$/ac	10	%/ \$	\$16.00	
<b>B. 80 HP Tractor</b>	\$1.94	\$/hr	5.25	hr/ac	\$10.19	
<b>C. 130 HP Tractor</b>	\$3.56	\$/hr	1	hr/ac	\$3.56	
<b>D. Other Equipment</b>	\$50.00	\$/ac	10	%/ \$	\$5.00	
<b>TOTAL NON-CASH COST</b>					\$81.80	\$0.07
<b>TOTAL CASH COSTS</b>					\$735.92	\$0.67
<b>TOTAL COST OF PRODUCTION</b>					\$817.72	\$0.74
<b>NET CASH COST (total - seed credit)</b>					\$633.07	
<b>NET COST OF PRODUCTION (total - seed credit)</b>					\$714.87	\$0.65
<b>RETURNS OVER CASH COSTS</b>					\$81.93	
<b>RETURNS OVER TOTAL COSTS</b>					\$0.13	\$0.00