

Table 37. A Standard of Labor, Material, and Other Costs of Producing Cotton in the San Joaquin Valley, with a yield of 700 lbs. of Lint Cotton per Acre.

	Man Labor	Horse Work	12 hp. Tractor	Truck or Car	Cost per Acre	Cost per Cwt
	Hours per Acre				Dollars	
Disk before plowing	.7		.7		.70	
Plow	2.0		2.0		2.00	
Disk after plowing	.7		.7		.70	
Check and irrigate before plant.	6.0	1.0	.5		2.25	
Harrow twice before planting	1.0	3.0	.5		.95	
Planting	1.0	2.0		.1	.60	
Chopping	6.0				1.80	
Hoeing twice	6.0				1.80	
Cultivate 5 times	5.0	20.0			3.50	
Irrigate 4 times	20.0				6.00	
Sub total Cultural Labor	48.4	26.0	4.4	.1	20.30	2.90
Picking 20 lb. Seed Cotton per hr	100.0				30.00	4.29
Weighing	4.0				1.20	.17
Hauling, 1 Ton of Seed Cotton	2.0			1.0	1.60	.23
Ginning, Contract at \$.25 per Cwt	Contract				5.00	.71
Total Labor	154.4	26.0	4.4	1.1	58.10	8.30
Power for Pumping Water 6" Pre irrg., 26" Crop					8.00	
Seed 45 lb. at \$2.00 per Cwt.					.90	
Bagging and Ties at \$1.25 per Bale					1.75	
Total Material Cost					10.65	1.52
General Expense					3.44	
Taxes					2.00	
Machinery Repairs					1.00	
Compensation Insurance					.75	
Storage and Insurance on Cotton at \$.50 per Bale					.70	
Total Cash Overhead Cost					7.89	1.13
Total Cash Costs					76.64	10.95
	Original Cost	Average Investment	5% Interest	Depreciation		
	Dollars per Acre					
Building for Eqt.	3.00	1.50	.08	.08		
Irrigation System	40.00	20.00	1.00	2.50		
Tillage & Cultiv. Eqt.	6.00	3.00	.15	.45		
Planter	.60	.30	.02	.06		
Trailers & Harvesting Eqt.	4.00	2.00	.10	.40		
Miscellaneous	1.00	.50	.03	.10		
Land	160.00	160.00	8.00			
Total Investment	214.50	187.30				
Total Depreciation				3.59	3.59	.51
Total Cash and Depreciation Costs					80.23	11.46
Total Interest on Investment			9.38		9.38	1.34
Total All Costs					89.61	12.80
Less Value of Seed at \$1.00 per Cwt.					13.00	1.85
Net Cost of Lint Cotton					76.61	10.95

The above costs are computed for a San Joaquin Valley cotton farm of 100 acres. Labor costs are all computed at the following rates per hour: Man labor, \$0.30; horse work, \$0.10; 12-drawbar horsepower tractor, \$0.70; and the automobile or truck, \$1.00.

Table 38. Standard Costs of Producing Cotton in the San Joaquin Valley with varying yields.

Yield, Lbs. Lint per Acre	200	300	400	500	600	700	800	900	1000	1200
Lbs. Seed per Acre	430	610	780	950	1120	1300	1400	1500	1600	1840
Total Seed Cotton	630	910	1180	1450	1720	2000	2200	2400	2600	3040
Dollars per Acre										
Cultural Labor Cost	16.00	17.00	18.00	19.00	20.00	20.30	20.50	20.75	21.00	21.50
Harvesting and Ginning	12.60	18.00	21.80	27.70	32.70	37.80	40.45	44.90	48.40	56.00
Total Labor Cost	28.60	35.00	39.80	46.70	52.70	58.10	60.95	65.65	69.40	77.50
Material Cost per Acre	9.50	9.70	9.90	10.10	10.35	10.65	11.20	11.60	12.30	12.95
Cash Overhead Cost	5.60	6.00	6.50	7.00	7.30	7.89	8.50	9.20	10.00	10.72
Total Cash Costs	43.70	50.70	56.20	63.80	70.35	76.64	80.65	86.45	91.70	101.17
Less										
Cash Income from Seed at \$1.00	4.30	6.10	7.80	9.50	11.20	13.00	14.00	15.00	16.00	18.40
Net Cash Costs per Acre	39.40	44.60	48.40	54.30	59.15	63.64	66.65	71.45	75.70	82.77
Depreciation	3.40	3.43	3.45	3.50	3.55	3.59	3.70	3.90	4.10	4.30
Net Cash & Deprec. Costs	42.80	48.03	51.85	57.80	62.70	67.23	70.35	75.35	79.80	87.07
Interest on Investment	6.10	6.50	7.00	8.00	9.00	9.38	9.50	9.70	9.90	10.20
Total all Costs per Acre	48.90	54.53	58.85	65.80	71.70	76.61	79.85	85.05	89.70	97.27
Dollars per hundredweight of Lint Cotton										
Net Cash Costs per Cwt. Lint	19.70	14.87	12.10	10.86	9.86	9.10	8.33	7.94	7.57	6.90
Net Cash & Deprec. Cost	21.40	16.00	12.96	11.56	10.45	9.61	8.79	8.37	7.98	7.26
Total Net Cost of Production	24.45	18.18	14.71	13.16	11.95	10.95	9.98	9.45	8.97	8.11

The above table shows costs for cotton plantings with varying yields. Costs for the 700 pound yield are shown in table 23 in detail. Costs for other yields are computed on the same basis except that certain costs would be lower in poorer yielding fields and, of course, harvesting costs would be changed with the change in yield.