

SAMPLE COSTS TO PRODUCE COTTON
IN MERCED COUNTY 1985

Field labor	5.50	/hr
Tractor labor	6.50	/hr
Yield	1000	ounce lint
Price per pound	.70	

Operation	Hour per Acre	Labor and Cash Costs per Acre			total / acre	total / pound	My Cost /Acre	My Cost / Pound
		Labor	Repairs+ Fuel	Materials Kind and Quantity				
land preparation	3	19.50	39.12		58.62			
Pre-plant herb.				custom application materials	8.00 6.75	8.00 6.75		
Incorporate herb.	.5	3.25	5.77		9.02			
Plant	.25	1.63	3.34	15 # seed @ \$.59/#	8.85	13.82		
Fertilize				custom application 120 lbs NH3 @ \$.18	7.00 33.60	7.00 33.60		
Irrigate 1 pre + 5	5	27.50		3 AF @ \$7.50/AF	22.50	50.00		
Post-plant herb.	.5	3.25	5.93	materials	20.00	29.18		
Hand weed				custom	28.00	28.00		
Cultivate 4x	2	13.00	21.16			34.16		
Mite control				aerial application material	5.00 11.00	5.00 11.00		
Insect control				aerial application materials	5.00 10.00	5.00 10.00		
Defoliation 2x				aerial application materials	8.50 16.00	8.50 16.00		
Misc. labor	1	5.50				5.50		
Interest on operating capital @ 14% for 6 mo.						19.08		
TOTAL CULTURAL COSTS					291.61	.29		
Harvest costs:								
1st pick	.5	3.25	7.72			10.97		
2nd pick	.33	2.15	5.10			7.24		
Ginning, bags, ties, etc.				\$3.20/cwt seed cotton	96.00	96.00		
TOTAL HARVEST COSTS					114.21	.11		
Misc. costs:								
CI Research & promotion				\$1/bale		2.00		
				.4% of value		2.80		
Pink bollworm				\$1.75 per bale		3.50		
National Cotton Council				\$.45/bale		.90		
Western Cotton Growers Ass.				\$.26/bale		.12		
Classing fee				\$1.10/bale		2.20		
TOTAL MISC COSTS					11.52	.01		
Cash Overhead:								
Misc., office, etc.						33.39		
Rent				\$125 per acre		125.00		
TOTAL CASH OVERHEAD COSTS					158.39	.16		
TOTAL CASH COSTS					575.72	.58		

Equipment List

EQUIPMENT	NEW COST	ACRES USED	YEARS OF LIFE	COSTS PER ACRE		
				REPAIRS+ FUEL/HR	INTEREST 12%	DEPRECIATION
350 ACRES						
80 HP wheel diesel	30000.00	350	10	7.70	5.14	8.57
130HP wheel diesel	52000.00	350	10	12.62	8.57	14.29
Offset disc 12'	8000.00	350	10	3.84	1.37	2.29
Chisel	2000.00	350	10	.96	.34	.57
Ring roller 12'	2000.00	350	20	.96	.34	.29
Lister 4-row	2000.00	175	10	.96	.69	1.14
Cultivator 4-row	6000.00	175	20	2.88	2.06	1.71
Planter 4-row	8000.00	175	10	5.67	2.74	4.57
Saddle tanks	17000.00	350	10	8.33	1.71	2.85
Weed sprayer	5000.00	350	15	4.17	.86	.95
Spindle picker	50000.00	175	10	15.00	17.14	28.57
4 trailers	2400.00	175	10	.44	.82	1.37
Pickup 3/4 ton	15000.00	350	5		2.57	8.57
Pickup 1/2 ton	10000.00	350	5		1.71	5.71
Shredder	3000.00	175	10	1.80	1.03	1.71

TOTAL COST))))))				47.11	83.18
40 % OF NEW COST	81360.00				18.84	33.27

Investment	Per Acre	Depreciation	Interest @ 12%
Irrigation system	160.00	6.40	9.60
Equipment	51.00	33.24	18.84
TOTAL	211.00	39.64	28.44

TOTAL COST PER ACRE			643.80	.64
CREDIT FOR SEED		\$120/ton seed	102.00	
NET TOTAL COST OF PRODUCTION			541.80	.54
COST PER BALE			270.90	