

SESAME

Double Cropped

Cost Analysis Work Sheet

Projected costs to produce sesame on the west side of Fresno County. Costs are based on a yield of 1,000 pounds per acre. Sesame is double cropped with barley. Man labor at \$2.05 per acre total, and equipment operator \$2.40. Heavy crawler tractor per hour cash costs \$3.20, depreciation \$2.60, and interest \$1.10. Medium wheel tractor \$1.60, \$1.00, and 50¢. This crop is charged for six months use of the land and permanent improvements.

	Sample Costs		My Costs	
	Per Acre	Per Cwt.	Per Acre	Per Cwt.
<u>PRE-HARVEST CASH COSTS:</u>				
Plow or disc 2X 1 hr. crawler tractor	5.70			
Float or land plane 2X 1 hr. crawler tractor	5.70			
List and apply pre-plant fertilizer				
1 hr. crawler tractor	5.70			
50 lbs. N at 5¢	2.50			
Pre-irrigate: labor ½ hr.	1.03			
water: 6" at \$12.00 ac. ft.	6.00			
Shape beds, incorporate herbicide and plant: Seed 3 lbs. at 50¢	1.50			
herbicide; band treatment	2.80			
1½ hrs. medium wheel tractor	5.00			
Irrigate 1X: labor ½ hr.	1.03			
water: 4" at \$12.00 ac. ft.	4.00			
Cultivate 1X: ¼ hr. medium tractor	1.00			
Irrigate 1X: labor ½ hr.	1.03			
water: 6" at \$12.00 ac. ft.	6.00			
Repairs to equipment	10.00			
Taxes: 6 mos. basis - real and personal	10.00			
Office and business costs	4.83			
Total Pre-Harvest Costs	73.82	7.38		
<u>Harvesting Costs:</u>				
Combine: estimate \$10.00 per acre minimum charge. Usual basis is a flat fee per acre plus an additional cost per cwt. over the first 1,000 lbs.	10.00			
Haul at \$3.00/ton	1.50			
Total Harvesting Costs	11.50	1.15		
TOTAL CASH COSTS	85.32	8.53		
<u>Depreciation:</u>				
Irrigation equipment: ½ of \$200.00 20 yrs.	5.00			
Tractors	9.30			
Other equipment: \$80 10 yrs. ½ cost	4.00			
Total Depreciation	18.30	1.83		
<u>Interest on Investment at 7%:</u>				
Irrigation system: ½ at \$100 at 7%	3.50			
Tractors	4.05			
Other equipment: ½ at \$40 at 7%	1.40			
Land: \$600 ½ cost	21.00			
Total Interest on Investment	29.95	3.00		
TOTAL COST OF PRODUCTION	133.57	13.36		

(OVER)

UC Cooperative Extension

SAMPLE COSTS AT VARYING YIELDS

Yield: lbs. per acre	1,000	1,200	1,400	1,600
Cash costs per cwt.	8.53	7.14	6.14	5.39
Total costs per cwt.	13.36	11.16	9.58	8.40

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March, 1972