

COOPERATIVE EXTENSION
UNIVERSITY OF CALIFORNIA
MERCED COUNTY

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Sample Costs To Produce Sugar Beets

In

Merced and Madera Counties - 1983

By

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The first step in intelligent crop planning is an objective analysis of production costs and potential profits. The sample costs on the reverse side of this page are for Sugar Beets in Merced and Madera Counties. The figures used are from the latest and most reliable sources available and are based on good management practices.

A suggested way to use the sample cost sheet is to insert your actual costs in the blank column and use the sample costs only when actual costs are not known. Overhead fixed costs may be omitted when comparing alternate crops.

Sincerely,

Bill L. Weir

Bill L. Weir
Farm Advisor

jb

SUGAR BEETS
Cost Analysis Work Sheet - 1983

Sample costs to raise sugar beets in Madera and Merced Counties. Based on a yield of 30 tons per acre - clean basis. Field labor \$5.50 per hour cost to the grower, and equipment operator \$6.00. 80 hp wheel tractor per hour cash costs \$12.80, depreciation \$3.25 and interest \$2.28.

	Sample Costs		My Costs	
	Per Acre	Per Ton	Per Acre	Per Ton
Pre-harvest Cash and Overhead Costs				
Land preparation 3 hrs. labor and tractor	\$57.90			
Pre-plant herbicide and application	22.00			
Pre-plant fertilizer 80 lbs. N @ .28¢ application	22.40			
Insecticide: material and application	5.00			
Plant: Seed 2 lbs. @ \$3.50	21.00			
.60 hr. 2 men and tractor	7.00			
Cultivate: 3 hours labor and tractor	14.90			
Thin: Contract	57.90			
*Irrigate 9X: labor 9 hours	39.00			
water 4 ac. ft. @ \$7.50	49.50			
Pest Control 2X material application	30.00			
Layby herbicide: material application	45.00			
Rent	9.00			
Misc. labor, materials 4 hrs. tractor	6.50			
Repairs, except tractor	5.00			
Business and office costs 6% cash costs	125.00			
PRE-HARVEST CASH AND OVERHEAD COSTS	\$594.87	19.83		
Harvest Costs				
Dig 1.75 ton clean basis	52.50			
**Haul 1.60 ton field run +6¢ ton mile	55.20			
TOTAL HARVEST COSTS	\$107.70	3.59		
TOTAL CASH	\$702.57	23.42		
Depreciation				
Tractor: 7 hrs. @ \$3.25	22.75			
Equipment \$120 10 yrs.	12.00			
TOTAL DEPRECIATION	\$34.75	1.16		
Interest on Investment @ 12%				
Tractor: 7 hrs. @ \$2.28	15.96			
Equipment: 1/2 cost \$60	7.20			
TOTAL INTEREST ON INVESTMENT	\$23.16	.77		
TOTAL COST OF PRODUCTION	\$760.48	25.35		

SAMPLE COST AT VARYING YIELDS

Yield: Tons Per Acre: Clean Basis	20	25	30	35	40
Cash Costs Per Ton	33.33	27.40	23.42	20.57	18.46
Total Costs Per Ton	36.23	29.72	25.35	22.23	19.91

*Applicable district taxes must be added to the water costs.
**6¢ ton mile hauling cost returned to the grower.