

CROP CLIP SHEET

SAMPLE COSTS TO PRODUCE SUGAR BEETS

in
Merced and Madera Counties - 1977

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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 growing 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. It is assumed that sugar beets will be grown in rotation with other field crops.

A suggested way to use the sample costs 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.

The table below shows the effect of various yields on production costs using the sample costs shown on the reverse side of this page.

SAMPLE COSTS TO PRODUCE SUGAR BEETS AT VARYING YIELDS

Yield: Tons per acre, clean beets	20	25	30	35	40
Costs per ton:	\$26.02	\$21.44	\$18.38	\$16.20	\$14.56

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SAMPLE COSTS TO PRODUCE SUGAR BEETS IN MERCED AND MADERA COUNTIES, 1977

Equipment operator \$4.60 per hour total cost
Other labor \$3.80 per hour

70 H.P.-Wheel diesel tractor per hour cash costs \$3.20, depreciation \$1.86 interest 94¢

Yield: 30 tons per acre

Operation	Hours per acre	Cash and Labor Costs Per Acre			Sample costs per acre	My Costs
		Labor	Fuel and repairs	Materials		
Cultural Land Preparation	2.5	\$ 11.50	\$10.50		\$ 22.00	
Herbicide - Custom				Materials and application	\$28.00	28.00
Pre-plant fertilizer - Custom				250 lbs. at 6 1/2¢ app. \$3.50	19.75	19.75
Planting (2 men)	.6	2.52	1.40	Seed 3 lbs. at \$2.00	6.00	9.92
Cultivate and fertilize	3.0	13.80	12.60	180 lbs. N at 20¢	36.00	62.40
Thin: Contract hand crew		30.00				30.00
Weed 2X contract		25.00				25.00
Irrigate 9X	9.0	34.20	3.00	4 acre ft. water at 6.00	24.00	61.20
Taxes					15.00	15.00
Miscellaneous - 1 tractor	3.0 <i>18.1</i>	12.20	3.80	Materials, etc.	3.00	19.00
Pre-Harvest Cultural Costs		\$129.22	\$31.30		\$131.75	\$292.27
Harvest costs						
Dig				Contract \$1.50 ton clean beets	45.00	45.00
Haul*				\$1.60 ton clean beets	48.00	48.00
Total Harvest Costs					93.00	93.00
Business and Office Costs				6% of cultural and harvest costs		23.12
Total Cash Costs						\$408.39
Sample Costs at Varying Yields		Depreciation and Interest				
Tons per acre	Costs per ton	<u>Investment</u>	<u>Per acre</u>	<u>Depreciation</u>	<u>Interest 8%</u>	
<u>Clean Beets</u>		Land	1100		88.00	
20	26.02	Irr. System	260	13.00	10.40	
		Trac. for 6.8 hrs		12.65	6.39	
		Equipment	90	9.00	3.60	
25	21.44			<u>34.65</u>	<u>108.39</u>	\$143.04
30	18.38	Total Costs per acre				\$551.43
35	16.20	Cost per ton at 30-ton yield			\$18.38	
40	14.56					

* The cost of hauling is returned to the grower at the rate of 3 3/4¢ per ton mile.