

SAMPLE COSTS TO PRODUCE SUGAR BEETS IN MONTEREY COUNTY - 1976

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YIELD: 32 tons per acre
 HARVEST: August 15 to November 15
 PLANT: December through March

Total Labor Costs/Hour ^{1/}	Hourly Tractor Costs		
	Cash Costs	Depreciation	Interest
Cl. I Equipment Operator 4.85	80 H.P. Crawler Diesel 7.06	3.13	2.34
Cl. II Equipment Operator 4.73	80 H.P. Wheel Diesel 3.44	1.63	.82
Other Labor 3.90	55 H.P. Wheel Diesel 2.26	1.12	.56

Operation	Tractor Used	Hours Acre	Labor	Fuel & Repairs	Contract and Materials	Total Acre
Cultural:						
Disc & roll 3x	C-80	0.69	3.26	4.87		\$ 8.13
Chisel 2x	C-80	1.0	4.73	7.06		11.79
Land plane 2x	C-80	0.52	2.46	3.67		6.13
List & preplant fertilizer					Contract @ \$4.50/Acre 400 lb. 16-20-0 @ \$34.00	38.50
Shape beds & roll	WD-80	0.25	1.18	0.57		1.75
Plant - 4 beds	WD-80	0.50	2.37	1.13	3 lbs. seed @ \$2.50/lb.	11.00
Herbicide 2x (includes pre- & post applic.)					Contract @ \$6.05/acre materials @ \$30.00	42.10
Irrigation 9x		14.0	54.60	5.00	3.0 ac. ft. @ \$7.50/ac. ft. \$2.00 for booster pump	79.10
Thin		16.0	62.40			62.40
Fertilizer - Sidedress 2x					Contract @ \$3.75/ac, applic. 100 lbs. N @ 0.27/lb.	34.50
Insecticide 3x (includes 1x sulphur for mildew)					Contract @ \$5.00/ac, applic. materials @ \$31.00	46.00
Cultivate 5x	WD-55	2.0	9.46	4.52		13.98
Hoe & weed		8.0	31.20			31.20
Miscellaneous (includes setup & moving)		4.0	15.60	5.50		21.10

TOTAL CULTURAL & MATERIAL COSTS \$ 407.68

Overhead:		
Business Costs: Office and business expense @ 7% of cultural costs		\$ 28.54
Taxes: Equipment		10.00
Rent: \$250.00 per acre		250.00

TOTAL OVERHEAD COSTS \$ 288.54

Harvest: Dig \$1.65 per ton	\$ 52.80
Haul \$1.85 per ton	59.20

TOTAL HARVEST COSTS \$ 112.00

TOTAL CULTURAL, OVERHEAD & HARVESTING COSTS \$ 808.22

Annual Costs:			
Investment	Per Acre	Depreciation	Interest - 8%
Buildings	\$ 50.00	\$ 2.50	\$ 2.64
Irrig. Systems	90.00	9.00	4.75
Port. Irrig. System	25.00	2.50	1.32
Tractors	150.00	11.51	7.48
Equipment	100.00	10.00	5.28
	<u>\$415.00</u>	<u>\$35.51</u>	<u>\$21.47</u>

TOTAL COST PER ACRE \$ 865.20

TOTAL COST PER TON \$ 27.04

Management has not been included as a cost of production in this study.

^{1/}Labor costs per hour include fringe benefits paid by the farmer. FDI, social security, workmen's compensation, unemployment, health plan, vacation, holidays, and pension plan.

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

YIELD: TONS PER ACRE	30	32	34	36	38
PRODUCTION COSTS	\$753.20	\$753.20	\$753.20	\$753.20	\$753.20
HARVEST COSTS	105.00	112.00	119.00	126.00	133.00
TOTAL COST PER ACRE	858.20	865.20	872.20	879.20	886.20
COST PER TON	28.61	27.04	25.65	24.42	23.32