

SAMPLE COSTS TO PRODUCE SUGAR BEETS IN MONTEREY COUNTY - 1981
By S. D. Mendivil and E. A. Yeary

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

Total Labor Costs/Hr. ^{1/}	Hourly Tractor Costs				
			Cash Costs	Depreciation	Interest
Cl. I Equip. Operator 9.32	80 h.p. Crawler Diesel		14.51	6.33	4.75
Cl. II Equip. Operator 9.11					
Irrigator 8.15					
Other Labor 8.02	60 h.p. Wheel Diesel		6.35	2.25	1.69

Operation	Tractor Used	Hours/Acre	Labor	Fuel & Repairs	Contract & Materials	Total/Acre
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CULTURAL

Subsoil 2x	C-80	1.24	11.30	21.62		32.92
Disc & Roll 3x	C-80	0.69	6.29	12.24		18.53
Chisel 2x	C-80	1.0	9.11	16.17		25.28
Level 2x	C-80	0.52	4.73	9.61		14.34
List & Preplant Fertilizer					Contract @ \$8.00/ac, 400 lb 16-20-0 @\$48.00	56.00
Fumigation for nematodes ^{2/}						50.00
Shape Beds & Roll	WD-60	0.25	2.28	1.84		4.12
Plant--4 Beds	WD-60	0.50	4.56	4.45		9.01
Herbicide 2x (incl. pre & post applic.)					Contract @ \$9.50/ac, materials @ \$47.04	66.04
Irrigation 9x		14.0	114.10		3.5 ac. ft. @ \$36.00/ ac. ft., \$4.00 for booster pump	244.10
Thin ^{3/}						
Fertilizer--Sidedress 2x					Contract @\$7.25/ac/ appli., 100 lbs. N @ \$.44/lb--one sidedress add \$2.50 for appli. & \$38.00 for Tinok (insec- ticide)	99.00
Pest Control 3x (incl. 2x sulphur for mildew)					Contract @\$8.25/ac/ appli., materials @ \$34.00	58.75
Cultivate 5x	WD-60	1.2	11.18	7.62		18.80
Hoe & Weed		8.0	64.16			64.16
Miscellaneous (incl. setup & moving)			33.17	8.32		41.49

<u>CULTURAL & MATERIAL COSTS</u>	802.54
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OVERHEAD

Business Costs: Office and business expense @ 15% of cultural costs	120.38
Taxes: Equipment	5.00
Rent: \$500.00	500.00

<u>OVERHEAD COSTS</u>	625.38
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HARVEST

Dig: \$2.25 per ton	72.00
Haul: \$3.25 per ton	104.00

<u>HARVEST COSTS</u>	176.00
<u>TOTAL CULTURAL, OVERHEAD, AND HARVESTING COSTS</u>	1603.92

<u>ANNUAL COSTS</u>	<u>Investment</u>	<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest-15%</u>
	Buildings	60.00	3.00	4.50
	Irrig. System	300.00	30.00	22.50

1/ Labor costs per hour include fring benefits paid by the farmer: FDI, social security, workmen's compensation, unemployment, health plan, vacation, holidays, and pension plan. (Farmers may figure a higher fringe rate.)

2/ It is sometimes necessary to fumigate for nemotodes, when required, the contract application would be \$10.00 per acre and materials would run about \$40.00 per acre.

3/ With good weed control and good soil preparation, many farmers are planting to stand. If hand thinning or electronic thinning is used, then costs are increased.

For herbicide materials, rates and application, consult a Pest Control Advisor or contact your local Agricultural Extension Office.

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

YIELD: TONS PER ACRE	30	32	34	36	38
PRODUCTION COSTS	1427.92	1427.92	1427.92	1427.92	1427.92
HARVEST COSTS	165.00	176.00	187.00	198.00	209.00
ANNUAL COSTS	144.86	144.86	144.86	144.86	144.86
TOTAL COST PER ACRE	1737.78	1748.78	1759.78	1770.78	1781.78
COST PER TON	57.93	54.65	51.76	49.19	46.89