

SAMPLE COSTS TO PRODUCE SUGAR BEETS

1983

Sutter and Yuba Counties

Based on 200 acres of sugar beets on 1,000 acre ranch. In rotation with small grains and beans. Yield 25 tons per acre. Labor rate including fringe benefits \$5.00 and \$4.10 per hour. (16-17% sugar)

Operation	Hrs. per acre	Cash and Labor Cost per acre			Cost
		Labor	Fuel & Repairs	Materials Kind & Quantity	
<b>Land preparation</b>					
disc	.2	\$ 1.00	5.80		\$ 6.80
landplane 2x	.3	1.50	6.90		8.40
subsoil 2x	1.0	9.00	10.50		10.50
land cultivator	.2	1.00	3.00		4.00
harrow & roll 2x	.3	1.50	8.70		10.20
list & fertilize	.1	.50	2.90	125# N@ \$.24=\$30.00	33.40
plant, herbicide & fertilize	.4	2.00	6.00	Seed 2½# @ \$4 = \$10 Tillam @ \$22.00 4-10-10 20 gal/\$20. 4 ac.ft.@ \$10 = \$40	20.00 62.00 69.50
irrigation 9x	7.2	29.50			69.50
cut & fill ditches	.2	1.00	5.80		6.80
cultivate 2x	.5	2.50	7.50		10.00
insect control 2x				materials \$17.00 - plane \$ 9.00	26.00
layby herbicide	.3	1.50	3.12	Treflan (1 pt) \$6.62	11.24
hand weeding	6.1	25.00			25.00
electronic thin	.33	1.65	7.48		9.13
mildew leafspot				40/lb sulfur \$3.00 - plane \$6.00	9.00
misc. labor	1.0	5.00			5.00
Interest for 6 months @ 15%					22.87
<b>Total Operating Cost</b>					<b>\$327.84</b>
<b>Harvest cost</b>					
top and dig		contract \$1.65/ton			33.00
haul (20 miles)		(\$1.40 + \$.055/mile)/ton			62.50
<b>Total Harvest Cost</b>					<b>\$ 95.50</b>
<b>Cash overhead</b>					
Misc., office, etc. @ 8% of cash costs					33.70
Taxes 1% of equipment					4.80
Rent					---
<b>Total Cash Overhead</b>					<b>\$ 38.50</b>
Management \$20/acre					\$ 20.00
<b>Investment cost</b>					
per acre		depreciation	interest @ 12%		Total
\$ 498		\$50	\$30		\$ 80.00
<b>Total Cost/Acre</b>					<b>\$561.84</b>

## SUGAR BEETS EQUIPMENT

### TRACTORS

2	D-6 Crawlers	\$200,000
2	2W Drive 120HP	90,000
	2W Drive 80HP	27,000

### EQUIPMENT

2	Disks 21', offset	32,000
2	Cultivator sleds	4,400
2	Chisel plows - 16'	10,000
2	Springtooth harrows - 25'	16,000
2	Spiketooth harrows - 25'	10,000
	Rollover plow	4,000
	Planter - 6 row	4,200
	V-Ditcher 6'	5,000
	Ditch closer 15'	5,700
	Windrower 4 row	6,000
2	Pickups	20,000
2	Compact pickups	16,000
	<b>TOTAL</b>	<b>\$450,300</b>

### EQUIPMENT - SUGAR BEETS ONLY

Electronic thinner	9,500
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### INVESTMENT

<u>Whole Farm</u>	<u>Sugar Beets</u>	<u>Total</u>
\$450,300	\$ 9,500	\$459,800