

SG-SV-63-4

SAMPLE COSTS TO PRODUCE SUGAR BEETS - TEHAMA COUNTY 1963

Not Including Cost of Water

Yield - 25 tons

Operation	Hours per acre	Cash and labor cost per acre			
		Labor	Fuel and repairs	Materials	Total
Cultural					
Plow	.4	.70	.84		1.54
Disc, 3 times	.9	1.59	1.29		2.88
Landplane	.4	.70	.62		1.32
Fertilize	.3	.53	.39	120 lbs. N	15.32
Springtooth, 2 times	.3	.53	.40		.93
Bed & shape beds	1.0	1.75	1.42		3.17
Plant	.5	.88	.71	5 lbs.	5.59
Thin and hoe				@ \$40.00 per acre	40.00
Cultivate, 5 times	1.3	2.28	1.92		4.20
Irrigate, 5 times	5.0	6.75			6.75
TOTAL CULTURAL COST	10.1	55.71	7.59		81.70
Harvest					
Dig				@ \$1.25 per clean ton	31.25
Haul				@ \$2.25 per clean ton	56.25
TOTAL HARVEST COST					87.50
Miscellaneous overhead					
Management, 10% of 25 tons @ \$12.00					30.00
TOTAL MISCELLANEOUS OVERHEAD					38.80
Investment					
	<u>Per acre</u>	<u>Depreciation</u>	<u>Interest</u>	<u>Taxes & Insurance</u>	
Land	\$1000.00		\$60.00	\$12.50	
Concrete pipeline	50.00	\$ 2.00	1.50	.75	
Tractor and equip.	95.00	9.50	2.85	1.43	
Pickup truck	15.00	3.00	.45	.22	
TOTAL INVESTMENT	\$1160.00	\$14.50	\$64.80	\$14.90	94.20
TOTAL COST PER ACRE					302.20

Net Income Per Acre After Paying All Expenses Except Water At Various Yields and Prices

Yield tons	Price per ton				
	\$ 8.00	\$ 10.00	\$ 12.00	\$ 14.00	\$ 16.00
15	-129.20	-102.20	- 75.20	- 48.20	- 21.20
20	-110.70	- 74.70	- 38.70	2.70	33.30
25	- 92.20	- 47.20	- 2.20	42.80	87.80
30	- 73.70	- 19.70	34.40	88.30	142.30
35	- 55.20	7.80	70.80	133.80	196.80

Net Income Per Acre-Foot of Water at 2.7 Feet Per Acre

Yield tons	Price per ton				
	\$ 8.00	\$ 10.00	\$ 12.00	\$ 14.00	\$ 16.00
15	- 47.85	- 37.85	- 27.85	- 26.85	- 25.85
20	- 41.00	- 27.65	- 14.35	1.00	12.35
25	- 34.15	- 17.50	.80	15.85	32.50
30	- 27.30	7.30	12.75	32.70	52.70
35	- 20.45	2.90	26.20	49.55	72.90