

SAMPLE COSTS TO PRODUCE SUGAR BEETS - BUTTE COUNTY 1963

Not Including Cost of Water

Yield - 20 tons

Operation	Hours per acre	Cash and labor cost per acre			Total
		Labor	Fuel and repairs	Materials	
Cultural					
Landplane (every 4th year)	.1	.18	.18		.36
Plow	.5	.88	.95		1.83
Disc, 2 times	.5	.88	.95		1.83
Float	.2	.35	.21		.56
Harrow, 2 times	.5	.88	.52		1.40
Fertilize	.2	.44	.35	Fertilizer 7.25	8.04
Disc, 2 way	.5	.88	.95		1.83
Bed	.2	.44	.43		.87
Shape beds	.2	.44	.28		.72
Plant	.3	.58	.25	Seed 4 lbs. @ \$.70 2.80	3.73
Irrigate, 12 times	1.0	16.20			16.20
Ditch, 4 times	.4	.70	.58		1.28
Ditch removal, 4 times	.4	.70	.58		1.28
Cultivate, 5 times	1.7	2.98	2.07		5.05
Thinning	16.0	22.40			22.40
Weeding	5.0	7.75			7.75
Fertilize side dress	.3	.53	.29	Fertilizer 9.85	10.67
TOTAL CULTURAL COST		57.21	8.69	19.90	85.80
Harvest					
Digger	1.5	2.63	3.60		6.23
Trucks				20 ton @ \$.80/ton + 1/2¢/ton-mile 17.00	17.00
TOTAL HARVEST COST		2.63	3.60	17.00	23.23
Miscellaneous overhead				6.61	
Management, 10% of 20 tons @ \$13				26.00	
TOTAL MISCELLANEOUS OVERHEAD					32.61
Investment	Per acre	Annual cost			
Land	\$600.00	<u>Depreciation</u>	<u>Interest</u>	<u>Taxes and insurance</u>	
Irrigation	60.00	--	\$36.00	\$10.00	
Equipment	180.00	\$ 3.00	1.80	.90	
Buildings	10.00	18.00	5.40	2.70	
		.40	.30	.15	
TOTAL INVESTMENT	\$850.00	\$21.40	\$43.50	\$13.75	78.65
TOTAL COST PER ACRE					243.52

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

Yield tons	Price per ton				
	\$11.00	\$12.00	\$13.00	\$14.00	\$15.00
16	-59.72	-43.32	-26.92	-10.52	5.88
18	-39.62	-22.42	- 5.22	11.98	29.18
20	-19.52	- 1.52	16.48	34.48	52.48
22	.58	19.38	38.18	56.98	75.78
24	20.68	40.28	59.88	79.48	99.08

SUGAR BEETS - Cont.

Net Income Per Acre-Foot of Water At 3.6 Feet Per Acre
Clay Adobe Soil

Yield tons	Price per ton				
	\$11.00	\$12.00	\$13.00	\$14.00	\$15.00
16	-16.60	-12.05	- 7.50	- 2.90	1.65
18	-11.00	- 6.25	- 1.45	3.30	8.10
20	- 5.40	- .40	4.55	9.60	14.60
22	.15	5.40	10.60	15.85	21.05
24	5.75	11.20	16.65	22.10	27.50

Net Income Per Acre-Foot of Water At 3.7 Feet Per Acre
Loam Soil

Yield tons	Price per ton				
	\$11.00	\$12.00	\$13.00	\$14.00	\$15.00
16	-16.15	-11.70	- 7.30	- 2.85	1.60
18	-10.70	- 6.05	- 1.40	3.25	7.90
20	- 5.30	- .40	4.45	9.35	14.20
22	.15	5.25	10.30	15.40	20.50
24	5.60	10.90	16.20	21.50	26.80