

SG-SV-63-2

SAMPLE COSTS TO PRODUCE SUGAR BEETS - GLENN 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					
Plow	.5	.88	1.25		2.13
Disc and/or chisel, 2 times	.6	1.05	1.38		2.43
Landplane, biannually 2 times	.3	.53	.60	Rent @ \$1.00 per acre .50	1.63
Fertilize preplant	.3	.58	.66		
Fertilize sidedress	.3	.58	.28	9.50	11.60
Harrow and roll	.2	.35	.20		.55
List and shape beds	.3	.53	.33		.86
Roll beds	.2	.35	.20		.55
Ditch preparation	.2	.35	.41		.76
Plant	.3	.58	.35	Seed, 4 lb. @ \$.70 2.80	3.73
Irrigate up	1.2	1.69			1.69
Cultivate, 4 times	1.2	2.10	1.32		3.42
Irrigate, 9 times	9.0	12.15			12.15
Thin and hoe				Contract 35.00	35.00
TOTAL CULTURAL COST		21.72	6.98	47.80	76.50
Harvest					
Harvest	2.0	3.50	3.70		7.20
Hauling				17.00	17.00
TOTAL HARVEST COST		3.50	3.70	17.00	24.20
Miscellaneous overhead					
Management 10% of 20 tons @ \$14.00				5.04	
TOTAL MISCELLANEOUS OVERHEAD				28.00	33.04
Depreciation on Tenant's Equipment					15.01
Interest on Tenant's Equipment					4.86
Taxes and Insurance on Tenant's Equipment					2.42
Rent, 1/5 of \$280					56.00
TOTAL COST PER ACRE					212.03

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

Yield tons	Price per ton				
	\$ 12.00	\$ 13.00	\$ 14.00	\$ 15.00	\$ 16.00
16	- 6.00	8.00	23.00	37.00	51.00
18	12.00	29.00	45.00	61.00	77.00
20	32.00	50.00	68.00	86.00	104.00
22	52.00	71.00	91.00	111.00	131.00
24	70.00	92.00	113.00	135.00	157.00

Net Income Per Acre-Foot of Water at 3.8 Feet Per Acre Silt Loam Soil

Yield tons	Price per ton				
	\$ 12.00	\$ 13.00	\$ 14.00	\$ 15.00	\$ 16.00
16	- 1.58	2.11	6.05	9.74	13.42
18	3.16	7.63	11.84	16.05	20.26
20	8.42	13.15	17.89	22.63	27.37
22	13.68	18.68	23.95	29.21	34.21
24	18.42	24.21	29.74	35.53	41.32