

Sugar Beets Canal Irrigated
Conventional
20 Tons/ac Sugar Beets

20 Acre-inches

Year 2004

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your Estimate
1 Spread,Fert.	1 ac	0.78	0.28	0.11	Incl	0.04	Incl	\$1.21	_____
2 Plow	1 ac	1.65	1.25	0.46	1.73	0.96	1.10	\$7.15	_____
3 Apply Nemat	Custom								_____
4 Roller Harrow	1 ac	1.38	0.49	0.23	1.13	0.09	1.51	\$4.84	_____
5 Plant	1 ac	1.82	0.46	0.21	0.52	1.19	1.98	\$6.18	_____
6 Hoe	1 ac	0.66	0.23	0.09	0.05	0.49	0.30	\$1.82	_____
7 Row Crop Cult	1 ac	1.68	0.47	0.33	0.30	0.48	0.29	\$3.56	_____
8 Spray	1 ac	0.81	0.13	0.11	0.15	0.05	0.17	\$1.42	_____
9 Row Crop Cult	1 ac	1.68	0.47	0.33	0.30	0.48	0.29	\$3.56	_____
10 Spray	1 ac	0.81	0.13	0.11	0.15	0.05	0.17	\$1.42	_____
11 Weed	Labor								_____
12 Ditch Irrig	20 Al	34.00						\$34.00	_____
13 Spray	Custom								_____
14 Top Beets	1 ac	1.88	0.68	0.44	1.13	0.82	2.53	\$7.48	_____
15 Lift Beets	1 ac	2.13	1.21	0.45	11.75	0.84	8.35	\$24.73	_____
16 Truck	Custom								_____
17 Subsoil	1 ac	1.32	1.00	0.44	0.31	0.91	2.10	\$6.08	_____
Total for Field operations		\$50.60	\$6.80	\$3.31	\$17.52	\$6.40	\$18.80	\$103.43	_____

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
10-34-0 Fertilizer	1	100%	13.4 gal	1.42 /gal	\$19.03
28-0-0 Fertilizer	1	100%	105 lb N	0.27 /lb N	\$28.35
Nemat Application	3	25%	1 ac	12.50 /ac	\$3.13
Telone Nemat	3	25%	10 gal	11.00 /gal	\$27.50
Nortron SC	5	40%	3 pt	14.38 /pt	\$17.26
Counter 20 CR	5	100%	7 lb	3.00 /lb	\$21.00
Sugar Beets	5	100%	1 ac	41.50 /ac	\$41.50
Ro-Neet 6E	8	100%	1.5 oz	0.49 /oz	\$0.74
Upbeet	8	100%	0.17 oz	50.00 /oz	\$8.50
Ro-Neet 6E	10	100%	1.5 oz	0.49 /oz	\$0.74
Upbeet	10	100%	0.17 oz	50.00 /oz	\$8.50
Weeding	11	100%	1 ac	30.00 /ac	\$30.00
Water Charge	12	100%	1 ac	25.00 /ac	\$25.00
Aerial Spray	13	100%	1 ac	4.00 /ac	\$4.00
Supertin	13	100%	5 oz	2.19 /oz	\$10.95
Haul Beets	16	100%	20 ton	3.00 /ton	\$60.00
Total Materials & Services					\$306.20

Total listed costs for Field Operations and Materials & Services		\$409.63
Interest on op.capital \$384 cash expense @ 6.0% 8 mo		15.38
Total Operating Costs and Use Related Depreciation		\$425.01

Overheads including accounting, liability insurance, vehicle cost, office expense		22.00
Management including scouting and crop insurance		58.62
Machinery taxes, housing, insurance & interest \$359 /acre @ 6.5%		23.34
Irrigation system taxes, insurance & interest /acre @ 6.0%		
Land real estate taxes and interest \$95 /acre 1.00 acres		95.00
incl interest and depreciation on well		
Total Costs including overheads		\$623.97

Revenue		
Value of Production _____ 20 Tons Sugar Beets @ \$ _____ /Tons		
Program Payment _____ base x _____ Bu HWY @ \$ _____ /bu x 85%		
Total Revenue		
Net Revenue = Total Revenue - Total Costs including overheads =		