

**Sugar Beets Canal Irrigated**  
**Conventional**  
**20 Tons/ac Sugar Beets**

**20 Acre-inches**

**Year 2004**

36

	Times or		Fuel&	Repairs	Deprec			Your
Field operations	Qty	Labor	Lube	Pwr	Imp	Pwr	Imp	Total 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 AI	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
<b>Total for Field operations</b>		<b>\$50.60</b>	<b>\$6.80</b>	<b>\$3.31</b>	<b>\$17.52</b>	<b>\$6.40</b>	<b>\$18.80</b>	<b>\$103.43</b>

Materials & Services		Oper					Total
Item		#	Acres	Quantity/ac	Price\$/unit		\$/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	Custom	3	<b>25%</b>	1 ac	12.50 /ac		\$3.13
Telone Nemat	Nematicide	3	<b>25%</b>	10 gal	11.00 /gal		\$27.50
Nortron SC	Herbicide	5	<b>40%</b>	3 pt	14.38 /pt		\$17.26
Counter 20 CR	Insecticide	5	100%	7 lb	3.00 /lb		\$21.00
Sugar Beets	Seed	5	100%	1 ac	41.50 /ac		\$41.50
Ro-Neet 6E	Herbicide	8	100%	1.5 oz	0.49 /oz		\$0.74
Upbeet	Herbicide	8	100%	0.17 oz	50.00 /oz		\$8.50
Ro-Neet 6E	Herbicide	10	100%	1.5 oz	0.49 /oz		\$0.74
Upbeet	Herbicide	10	100%	0.17 oz	50.00 /oz		\$8.50
Weeding	Other	11	100%	1 ac	30.00 /ac		\$30.00
Water Charge	Other	12	100%	1 ac	25.00 /ac		\$25.00
Aerial Spray	Custom	13	100%	1 ac	4.00 /ac		\$4.00
Supertin	Fungicide	13	100%	5 oz	2.19 /oz		\$10.95
Haul Beets	Custom	16	100%	20 ton	3.00 /ton		\$60.00
<b>Total Materials &amp; Services</b>							<b>\$306.20</b>

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

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

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