

Sugar Beets Pivot 800 GPM 35PSI
One Pass Tillage
20 Tons/ac Sugar Beets

16 Acre-inches

Year 2004

37

	Times or		Fuel&	Repairs	Deprec			Your
Field operations	Qty	Labor	Lube	Pwr	Imp	Pwr	Imp	Total Estimate
1 Disc	1 ac	1.00	0.76	0.13	0.79	0.74	0.81	\$4.23
2 Spread,Fert.	1 ac	0.78	0.28	0.11	Incl	0.04	Incl	\$1.21
3 Disk ripper	1 ac	1.58	1.35	0.53	0.54	1.09	3.14	\$8.23
4 Plant	1 ac	1.82	0.46	0.21	0.52	1.19	1.98	\$6.18
5 Hoe	1 ac	0.66	0.23	0.09	0.05	0.49	0.30	\$1.82
6 Row Crop Cult	1 ac	1.68	0.47	0.33	0.30	0.48	0.29	\$3.56
7 Spray	1 ac	0.81	0.13	0.11	0.15	0.05	0.17	\$1.42
8 Row Crop Cult	1 ac	1.68	0.47	0.33	0.30	0.48	0.29	\$3.56
9 Spray	1 ac	0.81	0.13	0.11	0.15	0.05	0.17	\$1.42
10 Weed	Labor							
11 PivotD125'Lift	16 Al	5.33	34.75	5.39	5.03	7.69	19.46	\$77.64
12 Spray	Custom							
13 Top Beets	1 ac	1.88	0.68	0.44	1.13	0.82	2.53	\$7.48
14 Lift Beets	1 ac	2.13	1.21	0.45	11.75	0.84	8.35	\$24.73
15 Truck	Custom							
16 Subsoil	1 ac	1.32	1.00	0.44	0.31	0.91	2.10	\$6.08
Total for Field operations		\$21.48	\$41.92	\$8.67	\$21.02	\$14.87	\$39.60	\$147.55

Materials & Services		Oper				Total
Item		#	Acres	Quantity/ac	Price\$/unit	\$/acre
10-34-0	Fertilizer	2	100%	13.4 gal	1.42 /gal	\$19.03
28-0-0	Fertilizer	2	100%	105 lb N	0.27 /lb N	\$28.35
Nortron SC	Herbicide	4	40%	3 pt	14.38 /pt	\$17.26
Counter 20 CR	Insecticide	4	100%	7 lb	3.00 /lb	\$21.00
Sugar Beets	Seed	4	100%	1 ac	41.50 /ac	\$41.50
Ro-Neet 6E	Herbicide	7	100%	1.5 oz	0.49 /oz	\$0.74
Upbeet	Herbicide	7	100%	0.17 oz	50.00 /oz	\$8.50
Ro-Neet 6E	Herbicide	9	100%	1.5 oz	0.49 /oz	\$0.74
Upbeet	Herbicide	9	100%	0.17 oz	50.00 /oz	\$8.50
Weeding	Other	10	100%	1 ac	30.00 /ac	\$30.00
Aerial Spray	Custom	12	100%	1 ac	4.00 /ac	\$4.00
Supertin	Fungicide	12	100%	5 oz	2.19 /oz	\$10.95
Haul Beets	Custom	15	100%	20 ton	3.00 /ton	\$60.00

Total Materials & Services **\$250.57**

Total listed costs for Field Operations and Materials & Services **\$398.12**

Interest on op.capital \$344 cash expense @ 6.0% 8 mo 13.75

Total Operating Costs and Use Related Depreciation **\$411.87**

Overheads including accounting, liability insurance, vehicle cost, office expense **22.00**

Management including scouting and crop insurance **58.62**

Machinery taxes, housing, insurance & interest \$384 /acre @ 6.5% **24.95**

Irrigation system taxes, insurance & interest \$201 /acre @ 6.0% **12.04**

Land real estate taxes and interest \$95 /acre 1.00 acres **95.00**

incl interest and depreciation on well

Total Costs including overheads **\$624.48**

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 =