

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

16 Acre-inches

Year 2004

Field operations	Times or Qty	Labor	Fuel& Lube	Repairs Pwr	Imp	Deprec Pwr	Imp	Total	Your 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 Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/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
Norton 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 = _____