

G Sorghum Pivot 800 GPM 35PSI
Conventional, Limited Irrigation
140 Bu/ac G Sorghum

6 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 Anhy Apply	1 ac	1.39	0.81	0.17	0.57	1.07	0.56	\$4.57	
3 Field Cult	1 ac	0.51	0.38	0.07	0.40	0.37	0.41	\$2.14	
4 Plant	1 ac	1.82	0.46	0.21	0.52	1.19	1.98	\$6.18	
5 Row Crop Cult	1 ac	1.68	0.47	0.33	0.30	0.48	0.29	\$3.56	
6 Row Crop Cult	0.25 ac	0.42	0.12	0.08	0.08	0.12	0.07	\$0.89	
7 Spray	0.25 ac	0.20	0.03	0.03	0.04	0.01	0.04	\$0.35	
8 Spray	Custom								
9 PivotD125'Lift	6 Al	2.00	13.03	2.02	1.89	2.88	7.30	\$29.12	
10 Combine	1 ac	1.52	1.46	1.65	0.10	6.73	0.99	\$12.45	
11 Cart	140 bu	0.64	0.42	0.08	0.45	0.54	0.78	\$2.92	
12 Truck	Custom								
Total for Field operations		\$11.19	\$17.94	\$4.77	\$5.13	\$14.15	\$13.23	\$66.41	

Materials & Services Item	Oper #	Acres	Quantity/ac	Price\$/unit	Total \$/acre
82-0-0 Fertilizer	2	100%	150 lb N	0.20 /lb N	\$30.00
10-34-0 Fertilizer	4	100%	6 gal	1.42 /gal	\$8.52
Bicep II Magnum Herbicide	4	40%	2.1 qt	10.98 /qt	\$9.22
Sorghum Safened Seed	4	100%	6 lb	1.44 /lb	\$8.64
Peak Herbicide	7	50%	0.75 oz	11.30 /oz	\$4.24
Aerial Spray Custom	8	10%	1 ac	4.00 /ac	\$0.40
Lorsban 4 E Insecticide	8	10%	1.5 pt	4.41 /pt	\$0.66
Haul Grain bu Custom	12	100%	140 bu	0.06 /bu	\$8.40
Total Materials & Services					\$70.08

Total listed costs for Field Operations and Materials & Services	\$136.49
Interest on op.capital \$109 cash expense @ 6.0% 8 mo	4.36
Total Operating Costs and Use Related Depreciation	\$140.85

Overheads including accounting, liability insurance, vehicle cost, office expense	6.00
Management including scouting and crop insurance	24.88
Machinery taxes, housing, insurance & interest \$211 /acre @ 6.5%	13.69
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	\$292.45

Revenue	
Value of Production 140 Bu G Sorghum @ \$ /Bu	
Program Payment base x Bu HWY @ \$ /bu x 85%	
Total Revenue	

Net Revenue = Total Revenue - Total Costs including overheads =