

**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 AI | 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 = _____