

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2008*

B-1241 (C8)

Table 8.A Estimated costs and returns per Acre
Grain Sorghum
2008 Projected Costs and Returns per acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| sorghum | cwt. | 6.43 | 45.0000 | 289.35 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 289.35 | _____ |
| DIRECT EXPENSES | | | | | |
| CROP INSURANCE | | | | | |
| Sorgh Ins APH 65/100 | Ac. | 4.34 | 1.0000 | 4.34 | _____ |
| CUSTOM | | | | | |
| dry fert. rig | acre | 3.00 | 1.0000 | 3.00 | _____ |
| Custom Combine Sorgh | Acre | 14.00 | 1.0000 | 14.00 | _____ |
| Custom Hauling CWT | CWT | 0.25 | 45.0000 | 11.25 | _____ |
| FERTILIZER | | | | | |
| fert 18-46-0 | lb. | 0.35 | 100.0000 | 35.00 | _____ |
| fert 82-0-0 | lb. | 0.35 | 100.0000 | 35.00 | _____ |
| HERBICIDE | | | | | |
| herb, pre-emerg sorg | Quart | 6.50 | 1.5000 | 9.75 | _____ |
| INSECTICIDE | | | | | |
| Sorghum Insect Soil | acre | 8.00 | 2.5000 | 20.00 | _____ |
| Insecticide - Midge | acre | 3.00 | 1.0000 | 3.00 | _____ |
| SEED | | | | | |
| Seed Sorghum treated | Lb. | 1.40 | 6.0000 | 8.40 | _____ |
| OPERATOR LABOR | | | | | |
| Tractors | hour | 9.10 | 0.4510 | 4.10 | _____ |
| Self-Propelled Eq. | hour | 9.10 | 0.0360 | 0.32 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.65 | 4.0057 | 10.61 | _____ |
| Self-Propelled Eq. | gal | 2.65 | 0.2751 | 0.72 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | Acre | 4.46 | 1.0000 | 4.46 | _____ |
| Tractors | Acre | 2.92 | 1.0000 | 2.92 | _____ |
| Self-Propelled Eq. | Acre | 0.64 | 1.0000 | 0.64 | _____ |
| INTEREST ON OP. CAP. | Acre | 6.89 | 1.0000 | 6.89 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 174.45 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 114.89 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | Acre | 10.26 | 1.0000 | 10.26 | _____ |
| Tractors | Acre | 7.62 | 1.0000 | 7.62 | _____ |
| Self-Propelled Eq. | Acre | 1.04 | 1.0000 | 1.04 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 18.93 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 193.38 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | 95.96 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| CASH RENT CROPLAND | acre | 25.00 | 1.0000 | 25.00 | _____ |
| RESIDUAL RETURNS | | | | 70.96 | _____ |

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Table 8.B Estimated resource use and costs for field operations, per Acre
 Grain Sorghum
 2008 Projected Costs and Returns per acre

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | TRACTOR SIZE | PERF TIMES | | | TRACTOR COST | | EQUIP COST | | ALLOC LABOR | | OPERATING INPUT | | | TOTAL COST | |
|-------------------------------|---------------|-----------------|------------|------|-----|-------------------|-------|------------|-------|-------------|------|-------------------|-------|--------|---------------|--------|
| | | | RATE | OVER | MTH | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | | |
| Shredder | 20 foot | 200 hp | 0.147 | 1.00 | Aug | 4.85 | 2.73 | 0.30 | 1.03 | 0.161 | 1.47 | | | | | 10.39 |
| Tandem Disk | 30 ft. | 200 hp | 0.076 | 1.00 | Oct | 2.51 | 1.41 | 1.01 | 1.73 | 0.083 | 0.76 | | | | | 7.43 |
| dry fert. rig | acre | | | 1.00 | Jan | | | | | | | 1.0000 | 3.00 | 3.00 | | 3.00 |
| fert 18-46-0 | lb. | | | | | | | | | | | 100.0000 | 0.35 | 35.00 | | 35.00 |
| Field Cultivator | 32 ft. | 200 hp | 0.047 | 1.00 | Feb | 1.55 | 0.87 | 0.54 | 1.16 | 0.051 | 0.47 | | | | | 4.60 |
| fert 82-0-0 | lb. | | | | | | | | | | | 100.0000 | 0.35 | 35.00 | | 35.00 |
| Planter Pull | 12 row | 200 hp | 0.140 | 1.00 | Mar | 4.62 | 2.60 | 2.60 | 6.32 | 0.154 | 1.40 | | | | | 17.55 |
| Seed Sorghum treated Lb. | | | | | | | | | | | | 6.0000 | 1.40 | 8.40 | | 8.40 |
| Sorghum Insect Soil | acre | | | | | | | | | | | 2.5000 | 8.00 | 20.00 | | 20.00 |
| herb, pre-emerg sorg | Quart | | | | | | | | | | | 1.5000 | 6.50 | 9.75 | | 9.75 |
| High Boy Spryr | 60' Boom | | 0.030 | 1.00 | Jun | | | 1.37 | 1.04 | 0.036 | 0.32 | | | | | 2.74 |
| Insecticide - Midge | acre | | | | | | | | | | | 1.0000 | 3.00 | 3.00 | | 3.00 |
| Custom Combine Sorg | Acre | | | 1.00 | Aug | | | | | | | 1.0000 | 14.00 | 14.00 | | 14.00 |
| Custom Hauling CWT | CWT | | | | | | | | | | | 45.0000 | 0.25 | 11.25 | | 11.25 |
| Sorg Ins APH 65/100 | Ac. | | | 1.00 | Aug | | | | | | | 1.0000 | 4.34 | 4.34 | | 4.34 |
| TOTALS | | | | | | 13.54 | 7.62 | 5.83 | 11.31 | 0.487 | 4.43 | | | 143.74 | | 186.48 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | | 6.89 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | | 193.38 |