

Table 9.A Estimated costs and returns per Acre
Sorghum after Wheat
2002 Projected Costs and Return per acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|------|---------|----------|-----------------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| sorghum | cwt. | 3.55 | 36.0000 | 127.80 | _____ |
| TOTAL INCOME | | | | ----- 127.80 | _____ |
| DIRECT EXPENSES | | | | | |
| CROP INSURANCE | | | | | |
| sorghum 36 | acre | 5.43 | 1.0000 | 5.43 | _____ |
| CUSTOM | | | | | |
| custom combine sorg | acre | 14.00 | 1.0000 | 14.00 | _____ |
| custom hauling sorgh | cwt. | 0.25 | 36.0000 | 9.00 | _____ |
| FERTILIZER | | | | | |
| fert 10-34-0 | lb. | 0.11 | 150.0000 | 16.87 | _____ |
| fert 82-0-0 | lb. | 0.11 | 100.0000 | 11.00 | _____ |
| HERBICIDE | | | | | |
| herb, pre-emerg sorg | acre | 11.06 | 2.0000 | 22.12 | _____ |
| INSECTICIDE | | | | | |
| insect, sorghum | acre | 16.25 | 1.0000 | 16.25 | _____ |
| SEED | | | | | |
| seed sorghum treated | lb. | 0.85 | 7.0000 | 5.95 | _____ |
| OPERATOR LABOR | | | | | |
| Tractors | hour | 5.75 | 1.2081 | 6.94 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 1.10 | 6.7903 | 7.46 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | Acre | 12.56 | 1.0000 | 12.56 | _____ |
| Tractors | Acre | 9.92 | 1.0000 | 9.92 | _____ |
| TOTAL DIRECT EXPENSES | | | | ----- 137.53 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | -9.73 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | Acre | 28.50 | 1.0000 | 28.50 | _____ |
| Tractors | Acre | 18.68 | 1.0000 | 18.68 | _____ |
| TOTAL FIXED EXPENSES | | | | ----- 47.18 | _____ |
| TOTAL SPECIFIED EXPENSES | | | | ----- 184.72 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | -56.92 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| CASH RENT CROPLAND | acre | 25.00 | 1.0000 | 25.00 | _____ |
| RESIDUAL RETURNS | | | | -81.92 | _____ |

Table 9.B Estimated resource use and costs for field operations, per Acre

Sorghum after Wheat

*Projections for Planning Purposes Only
Not to be Used without Updating after December 15, 2001*

B-1241 (C8)

2002 Projected Costs and Return per acre

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | TRACTOR SIZE | PERF RATE | TIMES OVER | MTH | TRACTOR COST | | EQUIP COST | | ALLOC LABOR | | OPERATING INPUT | | | TOTAL COST | |
|-------------------------------|---------------|-----------------|--------------|---------------|-----|-------------------|-------|------------|-------|-------------|------|-------------------|-------|--------|---------------|--------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | | |
| offset disc | 13 ft. | 150 | 0.132 | 1.00 | Jun | 2.61 | 2.81 | 1.76 | 3.93 | 0.132 | 0.76 | | | | | 11.89 |
| tandem disc | 20 ft. | 100 | 0.114 | 1.00 | Aug | 1.56 | 1.66 | 0.40 | 0.90 | 0.114 | 0.65 | | | | | 5.19 |
| tandem disc | 20 ft. | 100 | 0.114 | 1.00 | Sep | 1.56 | 1.66 | 0.40 | 0.90 | 0.114 | 0.65 | | | | | 5.19 |
| liquid fert rig | | 125 | 0.034 | 1.00 | Oct | 0.72 | 0.89 | 0.14 | 0.32 | 0.034 | 0.19 | | | | | 2.29 |
| fert 10-34-0 | lb. | | | | | | | | | | | 150.0000 | 0.11 | 16.87 | | 16.87 |
| herb, pre-emerg sorg | acre | | | | | | | | | | | 1.0000 | 11.06 | 11.06 | | 11.06 |
| tandem disc | 20 ft. | 100 | 0.114 | 1.00 | Oct | 1.56 | 1.66 | 0.40 | 0.90 | 0.114 | 0.65 | | | | | 5.19 |
| rolling cultivator | 6 row | 100 | 0.103 | 1.00 | Nov | 1.40 | 1.49 | 0.57 | 1.28 | 0.103 | 0.59 | | | | | 5.36 |
| anhydrous rig | 20 foot | 100 | 0.131 | 1.00 | Feb | 1.79 | 1.90 | 0.14 | 0.31 | 0.131 | 0.75 | | | | | 4.91 |
| fert 82-0-0 | lb. | | | | | | | | | | | 100.0000 | 0.11 | 11.00 | | 11.00 |
| rolling cultivator | 6 row | 100 | 0.103 | 1.00 | Feb | 1.40 | 1.49 | 0.57 | 1.28 | 0.103 | 0.59 | | | | | 5.36 |
| planter | 6 row | 100 | 0.137 | 1.00 | Mar | 1.87 | 1.99 | 7.77 | 17.36 | 0.137 | 0.79 | | | | | 29.80 |
| seed sorghum treated lb. | | | | | | | | | | | | 7.0000 | 0.85 | 5.95 | | 5.95 |
| herb, pre-emerg sorg | acre | | | | | | | | | | | 1.0000 | 11.06 | 11.06 | | 11.06 |
| insect, sorgum | acre | | | | | | | | | | | 1.0000 | 16.25 | 16.25 | | 16.25 |
| roller | | 75 | 0.055 | 1.00 | Mar | 0.57 | 0.65 | 0.09 | 0.21 | 0.055 | 0.31 | | | | | 1.84 |
| cultivator | 6 row | 100 | 0.103 | 1.00 | Apr | 1.40 | 1.49 | 0.23 | 0.97 | 0.103 | 0.59 | | | | | 4.71 |
| spray rig | | 100 | 0.064 | 1.00 | Jun | 0.88 | 0.93 | 0.04 | 0.09 | 0.064 | 0.37 | | | | | 2.32 |
| sorghum 36 | acre | | | 1.00 | Jul | | | | | | | 1.0000 | 5.43 | 5.43 | | 5.43 |
| custom combine sorg | acre | | | 1.00 | Jul | | | | | | | 1.0000 | 14.00 | 14.00 | | 14.00 |
| custom hauling sorgh | cwt. | | | | | | | | | | | 36.0000 | 0.25 | 9.00 | | 9.00 |
| TOTALS | | | | | | 17.39 | 18.68 | 12.56 | 28.50 | 1.208 | 6.94 | | | 100.62 | | 184.72 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | | 0.00 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | | 184.72 |

*Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation.
These projections were collected and developed by staff members of the Texas Agricultural Extension Service and approved for publication.*