

Table 16.A Estimated costs and returns per Acre
Sorghum, Dryland, Continuous, Minimum Tillage
2003 Projected Costs and Returns per Acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| sorghum | cwt | 4.00 | 22.0000 | 88.00 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 88.00 | _____ |
| DIRECT EXPENSES | | | | | |
| SEED | | | | | |
| seed - sorghum | lb. | 1.10 | 2.0000 | 2.20 | _____ |
| FERTILIZER | | | | | |
| fert(N) - ANH3 | lb. | 0.10 | 40.0000 | 4.16 | _____ |
| CUSTOM | | | | | |
| fert appl - ANH3 | acre | 6.60 | 1.0000 | 6.60 | _____ |
| herb+appl - soghum | acre | 18.66 | 1.0000 | 18.66 | _____ |
| insec+appl - sorghum | appl | 13.00 | 0.3300 | 4.29 | _____ |
| cust harv - sorghumd | acre | 11.00 | 1.0000 | 11.00 | _____ |
| cust haul - sorghumd | cwt. | 0.28 | 22.0000 | 6.16 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 8.00 | 0.1569 | 1.25 | _____ |
| Tractors | hour | 8.00 | 0.4412 | 3.52 | _____ |
| HAND LABOR | | | | | |
| Implements | hour | 8.00 | 0.3104 | 2.48 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 1.06 | 2.4507 | 2.59 | _____ |
| GASOLINE | | | | | |
| Self-Propelled Eq. | gal | 1.45 | 2.0100 | 2.91 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | Acre | 5.81 | 1.0000 | 5.81 | _____ |
| Tractors | Acre | 5.02 | 1.0000 | 5.02 | _____ |
| Self-Propelled Eq. | Acre | 0.16 | 1.0000 | 0.16 | _____ |
| INTEREST ON OP. CAP. | Acre | 1.96 | 1.0000 | 1.96 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 78.82 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 9.17 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | Acre | 9.09 | 1.0000 | 9.09 | _____ |
| Tractors | Acre | 7.75 | 1.0000 | 7.75 | _____ |
| Self-Propelled Eq. | Acre | 0.26 | 1.0000 | 0.26 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 17.12 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 95.95 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | -7.95 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| cash rent- sorghum | acre | 15.00 | 1.0000 | 15.00 | _____ |
| RESIDUAL RETURNS | | | | -22.95 | _____ |

Projections for Planning Purposes Only.

Table 16.B Estimated resource use and costs for field operations, per Acre
 Sorghum, Dryland, Continuous, Minimum Tillage
 2003 Projected Costs and Returns 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----- | | | |
| sweep plow | | 150 | 0.065 | 1.00 | Mar | 1.28 | 1.22 | 0.85 | 1.29 | 0.143 | 1.15 | | | | 5.80 |
| fert(N) - ANH3 | lb. | | | 1.00 | Apr | | | | | | | 40.0000 | 0.10 | 4.16 | 4.16 |
| fert appl - ANH3 | acre | | | | | | | | | | | 1.0000 | 6.60 | 6.60 | 6.60 |
| field cultivator | 35 ft | 150 | 0.065 | 1.00 | May | 1.28 | 1.22 | 0.75 | 1.40 | 0.143 | 1.15 | | | | 5.82 |
| planter | bed | 75 | 0.152 | 1.00 | Jun | 2.04 | 1.86 | 2.51 | 4.35 | 0.305 | 2.44 | | | | 13.22 |
| seed - sorghum | lb. | | | | | | | | | | | 2.0000 | 1.10 | 2.20 | 2.20 |
| sprayer | mounted | 100 | 0.157 | 1.00 | Jun | 3.00 | 3.44 | 1.68 | 2.04 | 0.315 | 2.52 | | | | 12.71 |
| herb+appl - soghum | acre | | | | | | | | | | | 1.0000 | 18.66 | 18.66 | 18.66 |
| Pickup Truck | 3/4 ton | | 0.006 | 20.00 | Jun | | | 3.07 | 0.26 | | | | | | 3.34 |
| insec+appl - sorghum | appl | | | 1.00 | Jul | | | | | | | 0.3300 | 13.00 | 4.29 | 4.29 |
| cust harv - sorghumd | acre | | | 1.00 | Oct | | | | | | | 1.0000 | 11.00 | 11.00 | 11.00 |
| cust haul - sorghumd | cwt. | | | | | | | | | | | 22.0000 | 0.28 | 6.16 | 6.16 |
| TOTALS | | | | | | 7.62 | 7.75 | 8.89 | 9.36 | 0.908 | 7.26 | | | 53.07 | 93.98 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 1.96 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 95.95 |

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