

Projections for Planning Purposes Only
Not to be Used without Updating after October 15, 2003

Table 20.A Estimated costs and returns per Acre
 Sorghum, Sprinkler Irrigated, (Sandy Soils)
 2004 Projected Costs and Returns per Acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| sorghum | cwt | 4.00 | 55.0000 | 220.00 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 220.00 | _____ |
| DIRECT EXPENSES | | | | | |
| SEED | | | | | |
| seed - sorghum | lb. | 1.15 | 6.0000 | 6.90 | _____ |
| FERTILIZER | | | | | |
| fert(P) - dry | lb. | 0.23 | 60.0000 | 14.34 | _____ |
| fert(N) - dry | lb. | 0.26 | 120.0000 | 31.92 | _____ |
| CUSTOM | | | | | |
| fert appl - dry | acre | 3.30 | 1.0000 | 3.30 | _____ |
| herb+appl - soghum | acre | 18.66 | 1.0000 | 18.66 | _____ |
| insec+appl - sorghum | appl | 13.00 | 0.3300 | 4.29 | _____ |
| cust harv - sorghumi | cwt. | 0.33 | 55.0000 | 18.15 | _____ |
| cust haul - sorghumi | cwt. | 0.28 | 55.0000 | 15.40 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 8.00 | 0.8729 | 6.98 | _____ |
| Tractors | hour | 8.00 | 0.8801 | 7.04 | _____ |
| HAND LABOR | | | | | |
| Implements | hour | 8.00 | 0.1527 | 1.22 | _____ |
| IRRIGATION LABOR | | | | | |
| irrig.-CP(nat. gas) | hour | 8.00 | 0.9600 | 7.68 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 1.06 | 3.8523 | 4.08 | _____ |
| GASOLINE | | | | | |
| Self-Propelled Eq. | gal | 1.47 | 3.5175 | 5.17 | _____ |
| NATURAL GAS | | | | | |
| irrig.-CP(nat. gas) | Mcf | 5.35 | 15.0000 | 80.25 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | Acre | 9.45 | 1.0000 | 9.45 | _____ |
| Tractors | Acre | 8.97 | 1.0000 | 8.97 | _____ |
| Self-Propelled Eq. | Acre | 0.28 | 1.0000 | 0.28 | _____ |
| irrig.-CP(nat. gas) | ac-in | 2.03 | 15.0000 | 30.45 | _____ |
| INTEREST ON OP. CAP. | Acre | 7.03 | 1.0000 | 7.03 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 281.60 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | -61.60 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | Acre | 15.84 | 1.0000 | 15.84 | _____ |
| Tractors | Acre | 12.75 | 1.0000 | 12.75 | _____ |
| Self-Propelled Eq. | Acre | 0.44 | 1.0000 | 0.44 | _____ |
| irrig.-CP(nat. gas) | Acre | 33.60 | 1.0000 | 33.60 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 62.64 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 344.24 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | -124.24 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| cash rent - sorghumf | acre | 45.00 | 1.0000 | 45.00 | _____ |
| RESIDUAL RETURNS | | | | -169.24 | _____ |

Projections for Planning Purposes Only.

*Projections for Planning Purposes Only
Not to be Used without Updating after October 15, 2003*

Table 20.B Estimated resource use and costs for field operations, per Acre
Sorghum, Sprinkler Irrigated, (Sandy Soils)
2004 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----- | | | | |
| shredder | 4 row | 40 | 0.209 | 1.00 | Dec | 1.93 | 1.70 | 0.80 | 2.36 | 0.460 | 3.68 | | | | | 10.50 |
| chisel | | 125 | 0.099 | 0.30 | Dec | 0.68 | 0.74 | 0.20 | 0.34 | 0.065 | 0.52 | | | | | 2.51 |
| disc | tandem | 100 | 0.138 | 1.00 | Feb | 2.63 | 2.87 | 1.52 | 2.23 | 0.303 | 2.42 | | | | | 11.69 |
| disc | tandem | 100 | 0.138 | 1.00 | Mar | 2.63 | 2.87 | 1.52 | 2.23 | 0.303 | 2.42 | | | | | 11.69 |
| Pickup Truck | 3/4 ton | | 0.006 | 35.00 | Mar | | | 5.45 | 0.44 | | | | | | | 5.90 |
| fert(P) - dry | lb. | | | 1.00 | Apr | | | | | | | 60.0000 | 0.23 | 14.34 | | 14.34 |
| fert(N) - dry | lb. | | | | | | | | | | | 120.0000 | 0.26 | 31.92 | | 31.92 |
| fert appl - dry | acre | | | | | | | | | | | 1.0000 | 3.30 | 3.30 | | 3.30 |
| field cultivator | 35 ft | 150 | 0.065 | 1.00 | May | 1.28 | 1.16 | 0.75 | 1.36 | 0.143 | 1.15 | | | | | 5.71 |
| planter | bed | 75 | 0.152 | 1.00 | May | 2.04 | 1.77 | 2.51 | 4.21 | 0.305 | 2.44 | | | | | 12.99 |
| seed - sorghum | lb. | | | | | | | | | | | 6.0000 | 1.15 | 6.90 | | 6.90 |
| herb+appl - soghum | acre | | | 1.00 | May | | | | | | | 1.0000 | 18.66 | 18.66 | | 18.66 |
| irrig.-CP(nat. gas) | ac-in | | | 1.00 | May | | | 22.14 | 33.60 | 0.192 | 1.53 | 3.0000 | | | | 57.27 |
| sand fighter | | 40 | 0.057 | 0.50 | Jun | 0.26 | 0.23 | 0.09 | 0.13 | 0.062 | 0.50 | | | | | 1.23 |
| cultivator | 8 row | 75 | 0.118 | 1.00 | Jun | 1.58 | 1.37 | 2.01 | 2.95 | 0.259 | 2.07 | | | | | 10.00 |
| irrig.-CP(nat. gas) | ac-in | | | | | | | 22.14 | | 0.192 | 1.53 | 3.0000 | | | | 23.67 |
| irrig.-CP(nat. gas) | ac-in | | | 1.00 | Jul | | | 22.14 | | 0.192 | 1.53 | 3.0000 | | | | 23.67 |
| irrig.-CP(nat. gas) | ac-in | | | 1.00 | Jul | | | 22.14 | | 0.192 | 1.53 | 3.0000 | | | | 23.67 |
| insec+appl - sorghum appl | | | | | | | | | | | | 0.3300 | 13.00 | 4.29 | | 4.29 |
| irrig.-CP(nat. gas) | ac-in | | | 1.00 | Aug | | | 22.14 | | 0.192 | 1.53 | 3.0000 | | | | 23.67 |
| cust harv - sorghumi cwt. | | | | 1.00 | Oct | | | | | | | 55.0000 | 0.33 | 18.15 | | 18.15 |
| cust haul - sorghumi cwt. | | | | | | | | | | | | 55.0000 | 0.28 | 15.40 | | 15.40 |
| TOTALS | | | | | | 13.06 | 12.75 | 125.61 | 49.89 | 2.865 | 22.92 | | | 112.96 | | 337.20 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | | 7.03 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | | 344.24 |

Projections for Planning Purposes Only.