

Table 14.A Estimated costs and returns per Acre
Sorghum for Hay
2002 Projected Cost and Returns per Acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| hay sorghum | bale | 2.00 | 60.0000 | 120.00 | _____ |
| hay sorghum | bale | 2.00 | 60.0000 | 120.00 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 240.00 | _____ |
| DIRECT EXPENSES | | | | | |
| CUSTOM | | | | | |
| custom baling | bale | 0.65 | 120.0000 | 78.00 | _____ |
| custom hauling hay | bale | 0.40 | 120.0000 | 48.00 | _____ |
| FERTILIZER | | | | | |
| fert 18-46-0 | lb. | 0.11 | 100.0000 | 11.25 | _____ |
| fert 82-0-0 | lb. | 0.11 | 100.0000 | 11.00 | _____ |
| fert 34-0-0 | lb. | 0.08 | 300.0000 | 24.00 | _____ |
| SEED | | | | | |
| seed forage sorghum | lb. | 0.20 | 15.0000 | 3.00 | _____ |
| OPERATOR LABOR | | | | | |
| Tractors | hour | 5.75 | 1.4991 | 8.61 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 1.10 | 9.6999 | 10.66 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | Acre | 8.38 | 1.0000 | 8.38 | _____ |
| Tractors | Acre | 18.16 | 1.0000 | 18.16 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 221.09 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 18.90 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | Acre | 20.11 | 1.0000 | 20.11 | _____ |
| Tractors | Acre | 34.19 | 1.0000 | 34.19 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 54.30 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 275.39 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | -35.39 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| CASH RENT CROPLAND | acre | 25.00 | 1.0000 | 25.00 | _____ |
| RESIDUAL RETURNS | | | | -60.39 | _____ |

Table 14.B Estimated resource use and costs for field operations, per Acre
 Sorghum for Hay
 2002 Projected Cost 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----- | | | | |
| 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 |
| dry fertilizer rig | | 125 | 0.034 | 1.00 | Oct | 0.72 | 0.89 | 0.02 | 0.16 | 0.034 | 0.19 | | | | | 2.01 |
| fert 18-46-0 | lb. | | | | | | | | | | | 100.0000 | 0.11 | 11.25 | | 11.25 |
| tandem disc | 20 ft. | 100 | 0.114 | 1.00 | Oct | 1.56 | 1.66 | 0.40 | 0.90 | 0.114 | 0.65 | | | | | 5.19 |
| 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 |
| grain drill | | 125 | 0.937 | 1.00 | Mar | 19.83 | 24.35 | 5.62 | 13.72 | 0.937 | 5.39 | | | | | 68.93 |
| seed forage sorghum | lb. | | | | | | | | | | | 15.0000 | 0.20 | 3.00 | | 3.00 |
| custom baling | bale | | | 1.00 | May | | | | | | | 60.0000 | 0.65 | 39.00 | | 39.00 |
| custom hauling hay | bale | | | | | | | | | | | 60.0000 | 0.40 | 24.00 | | 24.00 |
| dry fertilizer rig | | 125 | 0.034 | 1.00 | Jun | 0.72 | 0.89 | 0.02 | 0.16 | 0.034 | 0.19 | | | | | 2.01 |
| fert 34-0-0 | lb. | | | | | | | | | | | 300.0000 | 0.08 | 24.00 | | 24.00 |
| custom baling | bale | | | 1.00 | Jul | | | | | | | 60.0000 | 0.65 | 39.00 | | 39.00 |
| custom hauling hay | bale | | | | | | | | | | | 60.0000 | 0.40 | 24.00 | | 24.00 |
| TOTALS | | | | | | 28.83 | 34.19 | 8.38 | 20.11 | 1.499 | 8.61 | | | 175.25 | | 275.39 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | | 0.00 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | | 275.39 |