

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2013*

B-1241 (C1)

Table 14.A Estimated costs and returns per Acre
Cont. Sorghum, Furrow Irrigated, (NG)
2013 Projected Costs and Returns per Acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| sorghum | cwt | 10.60 | 65.0000 | 689.00 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 689.00 | _____ |
| DIRECT EXPENSES | | | | | |
| SEED | | | | | |
| seed - sorghum | lb. | 1.83 | 4.5000 | 8.23 | _____ |
| FERTILIZER | | | | | |
| fert(N) - ANH3 | lb. | 0.50 | 100.0000 | 50.00 | _____ |
| fert(P) - dry | lb. | 0.71 | 40.0000 | 28.40 | _____ |
| CUSTOM | | | | | |
| fert appl - ANH3 | acre | 10.00 | 1.0000 | 10.00 | _____ |
| fert application | acre | 5.00 | 1.0000 | 5.00 | _____ |
| herb&appl-sorghumi | acre | 22.13 | 1.0000 | 22.13 | _____ |
| insec+appl - sorghum | appl | 9.66 | 0.3300 | 3.18 | _____ |
| harvest & haul - sor | cwt. | 0.54 | 65.0000 | 35.10 | _____ |
| CROP INSURANCE | | | | | |
| sorghum - irrigated | acre | 28.90 | 1.0000 | 28.90 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 10.70 | 0.5978 | 6.39 | _____ |
| Tractors | hour | 10.70 | 0.8086 | 8.65 | _____ |
| HAND LABOR | | | | | |
| Implements | hour | 10.70 | 0.3104 | 3.32 | _____ |
| IRRIGATION LABOR | | | | | |
| Furrow | hour | 10.70 | 1.6860 | 18.04 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 3.95 | 4.5441 | 17.94 | _____ |
| GASOLINE | | | | | |
| Self-Propelled Eq. | gal | 3.52 | 2.0100 | 7.07 | _____ |
| NATURAL GAS | | | | | |
| Furrow | Mcf | 4.40 | 12.0000 | 52.80 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | Acre | 9.24 | 1.0000 | 9.24 | _____ |
| Tractors | Acre | 10.19 | 1.0000 | 10.19 | _____ |
| Self-Propelled Eq. | Acre | 0.16 | 1.0000 | 0.16 | _____ |
| Furrow | ac-in | 3.96 | 12.0000 | 47.55 | _____ |
| INTEREST ON OP. CAP. | Acre | 8.46 | 1.0000 | 8.46 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 380.82 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 308.17 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | Acre | 13.29 | 1.0000 | 13.29 | _____ |
| Tractors | Acre | 14.81 | 1.0000 | 14.81 | _____ |
| Self-Propelled Eq. | Acre | 0.24 | 1.0000 | 0.24 | _____ |
| Furrow | Acre | 22.58 | 1.0000 | 22.58 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 50.93 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 431.76 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | 257.23 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| cash rent - sorghumf | acre | 85.00 | 1.0000 | 85.00 | _____ |
| RESIDUAL RETURNS | | | | 172.23 | _____ |

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*Information presented is prepared solely as a general guide & not intended to recognize or predict the costs & returns from any one operation.
Developed by Texas AgriLife Extension Service.*

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Table 14.B Estimated resource use and costs for field operations, per Acre
 Cont. Sorghum, Furrow Irrigated, (NG)
 2013 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----- | | | |
| disc | tandem | 100 | 0.138 | 1.00 | Feb | 4.78 | 2.75 | 1.52 | 2.16 | 0.303 | 3.24 | | | | 14.47 |
| chisel | | 125 | 0.099 | 1.00 | Feb | 4.21 | 2.36 | 0.69 | 1.12 | 0.219 | 2.34 | | | | 10.74 |
| fert(N) - ANH3 | lb. | | | 1.00 | Mar | | | | | | | 100.0000 | 0.50 | 50.00 | 50.00 |
| fert(P) - dry | lb. | | | | | | | | | | | 40.0000 | 0.71 | 28.40 | 28.40 |
| fert appl - ANH3 | acre | | | | | | | | | | | 1.0000 | 10.00 | 10.00 | 10.00 |
| fert application | acre | | | | | | | | | | | 1.0000 | 5.00 | 5.00 | 5.00 |
| sorghum - irrigated | acre | | | | | | | | | | | 1.0000 | 28.90 | 28.90 | 28.90 |
| disc | tandem | 100 | 0.138 | 1.00 | Mar | 4.78 | 2.75 | 1.52 | 2.16 | 0.303 | 3.24 | | | | 14.47 |
| sweep plow | | 150 | 0.065 | 1.00 | Apr | 2.74 | 1.11 | 0.85 | 1.21 | 0.143 | 1.53 | | | | 7.46 |
| bedder | | 150 | 0.057 | 1.00 | Apr | 2.39 | 0.97 | 0.44 | 0.62 | 0.125 | 1.34 | | | | 5.79 |
| planter | | 75 | 0.152 | 1.00 | May | 3.74 | 1.69 | 2.51 | 4.08 | 0.305 | 3.26 | | | | 15.32 |
| seed - sorghum | lb. | | | | | | | | | | | 4.5000 | 1.83 | 8.23 | 8.23 |
| herb&appl-sorghumi | acre | | | | | | | | | | | 1.0000 | 22.13 | 22.13 | 22.13 |
| sprayer | mounted | 100 | 0.157 | 1.00 | May | 5.46 | 3.14 | 1.68 | 1.91 | 0.315 | 3.37 | | | | 15.59 |
| Pickup Truck | 3/4 ton | | 0.006 | 20.00 | May | | | 7.24 | 0.24 | | | | | | 7.48 |
| Furrow | ac-in | | | 1.00 | Jun | | | 33.45 | 22.58 | 0.562 | 6.01 | 4.0000 | | | 62.04 |
| Furrow | ac-in | | | 1.00 | Jul | | | 33.45 | | 0.562 | 6.01 | 4.0000 | | | 39.46 |
| insec+appl - sorghum | appl | | | 1.00 | Jul | | | | | | | 0.3300 | 9.66 | 3.18 | 3.18 |
| Furrow | ac-in | | | 1.00 | Aug | | | 33.45 | | 0.562 | 6.01 | 4.0000 | | | 39.46 |
| harvest & haul - sor cwt. | | | | 1.00 | Oct | | | | | | | 65.0000 | 0.54 | 35.10 | 35.10 |
| TOTALS | | | | | | 28.14 | 14.81 | 116.84 | 36.12 | 3.402 | 36.41 | | | 190.95 | 423.29 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 8.46 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 431.76 |

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