

Table 12.D Estimated costs and returns per ACRE
Sorghum-Dryland Upper Coastal Bend
4500# Yield Goal, TCE District 11, 2005

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| Grain Sorghum | cwt | 4.00 | 45.0000 | 180.00 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 180.00 | _____ |
| DIRECT EXPENSES | | | | | |
| Custom | | | | | |
| Fert. Application | acre | 3.50 | 1.0000 | 3.50 | _____ |
| Aerial Application | acre | 4.25 | 1.0000 | 4.25 | _____ |
| Herbicides | | | | | |
| grain/planting herb | oz | 1.03 | 9.6000 | 9.89 | _____ |
| Atrazine | lb | 2.50 | 0.7500 | 1.88 | _____ |
| sorg/post emerg herb | oz | 10.33 | 0.3600 | 3.72 | _____ |
| Insecticides | | | | | |
| sorghum/stinkbug trt | oz | 1.52 | 1.8000 | 2.74 | _____ |
| Seed | | | | | |
| sorghum seed/treated | lb | 2.65 | 6.0000 | 15.90 | _____ |
| Fertilizer | | | | | |
| 24-8-0 | ton | 185.00 | 0.1500 | 27.75 | _____ |
| Hauling and Handling | | | | | |
| custom haul-sorghum | cwt | 0.28 | 46.0000 | 12.88 | _____ |
| drying-sorghum | cwt | 0.05 | 46.0000 | 2.30 | _____ |
| Other | | | | | |
| crop insurance/sorg | acre | 5.64 | 1.0000 | 5.64 | _____ |
| pickup charge | acre | 2.10 | 1.0000 | 2.10 | _____ |
| OPERATOR LABOR | | | | | |
| Tractors | hour | 8.65 | 0.7848 | 6.81 | _____ |
| Self-Propelled | hour | 8.65 | 0.0850 | 0.74 | _____ |
| HAND LABOR | | | | | |
| Implements | hour | 6.00 | 0.1184 | 0.71 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 1.35 | 8.6485 | 11.66 | _____ |
| Self-Propelled | gal | 1.35 | 1.2248 | 1.65 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | ACRE | 4.62 | 1.0000 | 4.62 | _____ |
| Tractors | ACRE | 7.37 | 1.0000 | 7.37 | _____ |
| Self-Propelled | ACRE | 6.19 | 1.0000 | 6.19 | _____ |
| INTEREST ON OP. CAP. | ACRE | 4.92 | 1.0000 | 4.92 | _____ |
| TOTAL DIRECT EXPENSES | | | | 137.22 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 42.78 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | ACRE | 8.68 | 1.0000 | 8.68 | _____ |
| Tractors | ACRE | 16.61 | 1.0000 | 16.61 | _____ |
| Self-Propelled | ACRE | 10.32 | 1.0000 | 10.32 | _____ |
| TOTAL FIXED EXPENSES | | | | 35.61 | _____ |
| TOTAL SPECIFIED EXPENSES | | | | 172.83 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | 7.17 | _____ |
| RESIDUAL ITEMS | | | | | |
| Management Charge | % | 180.00 | 0.0500 | 9.00 | _____ |
| RESIDUAL RETURNS | | | | -1.83 | _____ |
| Land Charge | acre | 55.00 | 1.0000 | 55.00 | _____ |
| RESIDUAL RETURNS | | | | -56.83 | _____ |

Note: Cost estimates are based on producer and specialist input.

Projections for Planning Purposes Only
Not to be Used without Updating after October 15, 2004

B-1241 (C11)

Table 12.A Estimated resource use and costs for field operations, per ACRE
Sorghum-Dryland Upper Coastal Bend
4500# Yield Goal, TCE District 11, 2005

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | POWER UNIT SIZE | PERF RATE | TIMES OVER | MTH | POWER UNIT COST | | EQUIPMENT COST | | ALLOC LABOR | | OPERATING/DURABLE INPUT | | | TOTAL COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|------|-------------------------|--------|-------|---------------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Stalk Shredder | 24' | MFWD 170 | 0.069 | 1.00 | Aug | 1.66 | 1.30 | 0.83 | 1.28 | 0.06 | 0.60 | | | | 5.67 |
| Chisel (8R) | 25' | MFWD 225 | 0.071 | 1.00 | Aug | 1.74 | 1.55 | 0.42 | 0.85 | 0.07 | 0.62 | | | | 5.18 |
| Chisel (8R) | 25' | MFWD 225 | 0.071 | 1.00 | Aug | 1.74 | 1.55 | 0.42 | 0.85 | 0.07 | 0.62 | | | | 5.18 |
| Fert. Application | acre | | | 1.00 | Nov | | | | | | | 1.0000 | 3.50 | 3.50 | 3.50 |
| 24-8-0 | ton | | | | | | | | | | | 0.1500 | 185.00 | 27.75 | 27.75 |
| Field Cultivator | 32' | MFWD 225 | 0.045 | 1.00 | Nov | 1.10 | 0.99 | 0.41 | 0.85 | 0.04 | 0.39 | | | | 3.74 |
| Bed | 8R-38" | MFWD 225 | 0.090 | 1.00 | Nov | 2.21 | 1.98 | 0.35 | 0.54 | 0.09 | 0.79 | | | | 5.87 |
| Bed | 8R-38" | MFWD 225 | 0.090 | 1.00 | Feb | 2.21 | 1.98 | 0.35 | 0.54 | 0.09 | 0.79 | | | | 5.87 |
| Plant & PreEmerge | 8R-38" | MFWD 225 | 0.072 | 1.00 | Mar | 1.77 | 1.59 | 0.84 | 1.73 | 0.14 | 1.07 | | | | 7.00 |
| sorghum seed/treated lb | | | | | | | | | | | | 6.0000 | 2.65 | 15.90 | 15.90 |
| grain/planting herb oz | | | | | | | | | | | | 9.6000 | 1.03 | 9.89 | 9.89 |
| Cultivate | 8R-38" | MFWD 225 | 0.090 | 1.00 | Apr | 2.21 | 1.98 | 0.38 | 0.68 | 0.09 | 0.79 | | | | 6.04 |
| Cultivate & Post | 8R-38" | MFWD 225 | 0.090 | 1.00 | Apr | 2.21 | 1.98 | 0.48 | 0.87 | 0.13 | 1.06 | | | | 6.60 |
| Atrazine | lb | | | | | | | | | | | 0.7500 | 2.50 | 1.88 | 1.88 |
| sorg/post emerg herb oz | | | | | | | | | | | | 0.3600 | 10.33 | 3.72 | 3.72 |
| Aerial Application | acre | | | 1.00 | Jun | | | | | | | 1.0000 | 4.25 | 4.25 | 4.25 |
| sorghum/stinkbug trt oz | | | | | | | | | | | | 1.8000 | 1.52 | 2.74 | 2.74 |
| Combine | 30' | | 0.085 | 1.00 | Jul | 7.84 | 10.32 | | | 0.08 | 0.74 | | | | 18.90 |
| custom haul-sorghum | cwt | | | | | | | | | | | 46.0000 | 0.28 | 12.88 | 12.88 |
| drying-sorghum | cwt | | | | | | | | | | | 46.0000 | 0.05 | 2.30 | 2.30 |
| Grain Cart | | MFWD 170 | 0.090 | 1.00 | Jul | 2.18 | 1.71 | 0.14 | 0.49 | 0.09 | 0.79 | | | | 5.31 |
| crop insurance/sorg | acre | | | 1.00 | Jul | | | | | | | 1.0000 | 5.64 | 5.64 | 5.64 |
| pickup charge | acre | | | 1.00 | Jul | | | | | | | 1.0000 | 2.10 | 2.10 | 2.10 |
| TOTALS | | | | | | 26.87 | 26.93 | 4.62 | 8.68 | 0.98 | 8.26 | | | 92.55 | 167.91 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 4.92 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 172.83 |

Note: Cost estimates are based on producer and specialist input.