

Table 7.A Estimated costs and returns per Acre
 Grain Sorghum-12 Row Conventional Till-Dryland
 Upper Coastal Bend, 5600# Yield Goal, TCE District 11, 2007

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|------|--------|----------|---------|-----------|
| | | | | dollars | dollars |
| INCOME | | | | | |
| Grain Sorghum | cwt | 5.55 | 56.0000 | 310.80 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 310.80 | _____ |
| DIRECT EXPENSES | | | | | |
| CUSTOM | | | | | |
| App by Air (2 gal) | appl | 4.00 | 1.0000 | 4.00 | _____ |
| Custom Haul Grain | cwt | 0.28 | 57.0000 | 15.96 | _____ |
| FERTILIZER | | | | | |
| 24-8-0 | ton | 213.00 | 0.2250 | 47.93 | _____ |
| HERBICIDE | | | | | |
| Glyphosate (gal) | gal | 14.25 | 0.2187 | 3.12 | _____ |
| 2,4-D Amine | pt | 1.29 | 2.0000 | 2.58 | _____ |
| Crop Oil | pt | 1.24 | 0.5000 | 0.62 | _____ |
| Atrazine 4L | pt | 1.14 | 2.0000 | 2.28 | _____ |
| Grain-Pre-em herb | qt | 8.93 | 1.0000 | 8.93 | _____ |
| GS-Post Em-Herb | oz | 11.25 | 0.5000 | 5.63 | _____ |
| Surfactant | pt | 1.38 | 0.0150 | 0.02 | _____ |
| INSECTICIDE | | | | | |
| GSSeedInsectTrtmnt | bag | 57.00 | 0.1400 | 7.98 | _____ |
| Cutworm Control | oz | 1.05 | 1.2500 | 1.31 | _____ |
| Worm Control | gal | 216.74 | 0.0285 | 6.18 | _____ |
| SEED/PLANTS | | | | | |
| Grain Sorghum/Seed | lb | 1.26 | 7.0000 | 8.82 | _____ |
| OTHER | | | | | |
| Crop Ins- GS | acre | 5.70 | 1.0000 | 5.70 | _____ |
| OPERATOR LABOR | | | | | |
| Tractors | hour | 11.00 | 0.4590 | 5.05 | _____ |
| Self-Propelled | hour | 11.00 | 0.0955 | 1.05 | _____ |
| HAND LABOR | | | | | |
| Implements | hour | 7.50 | 0.1166 | 0.88 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.00 | 4.6947 | 9.39 | _____ |
| Self-Propelled | gal | 2.00 | 0.9205 | 1.84 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | Acre | 2.09 | 1.0000 | 2.09 | _____ |
| Tractors | Acre | 2.37 | 1.0000 | 2.37 | _____ |
| Self-Propelled | Acre | 5.70 | 1.0000 | 5.70 | _____ |
| INTEREST ON OP. CAP. | Acre | 6.84 | 1.0000 | 6.84 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 156.27 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 154.53 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | Acre | 8.50 | 1.0000 | 8.50 | _____ |
| Tractors | Acre | 11.72 | 1.0000 | 11.72 | _____ |
| Self-Propelled | Acre | 11.48 | 1.0000 | 11.48 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 31.70 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 187.97 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | 122.83 | _____ |
| RESIDUAL ITEMS | | | | | |
| Management Charge | % | 310.80 | 0.0500 | 15.54 | _____ |
| RESIDUAL RETURNS | | | | 107.29 | _____ |
| Land Charge | acre | 40.00 | 1.0000 | 40.00 | _____ |
| RESIDUAL RETURNS | | | | 67.29 | _____ |
| G&A Overhead | acre | 6.50 | 1.0000 | 6.50 | _____ |
| RESIDUAL RETURNS | | | | 60.79 | _____ |

Projection for planning only. Not to be used w/o update after 11/16/06.

Table 7.B Estimated resource use and costs for field operations, per Acre
 Grain Sorghum-12 Row Conventional Till-Dryland
 Upper Coastal Bend, 5600# Yield Goal, TCE District 11, 2007

| 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----- | | | |
| Sprayer - 76' | 76 ft boom | | 0.020 | 1.00 | Aug | 0.19 | 1.05 | | | 0.02 | 0.22 | | | | 1.46 |
| Glyphosate (gal) | gal | | | | | | | | | | | 0.1875 | 14.25 | 2.67 | 2.67 |
| 2,4-D Amine | pt | | | | | | | | | | | 1.0000 | 1.29 | 1.29 | 1.29 |
| Bedder/Hipper 12 R | 12R - 38" | 225 | 0.040 | 1.00 | Oct | 1.08 | 1.23 | 0.18 | 0.76 | 0.04 | 0.44 | | | | 3.69 |
| Bedder/Hipper 12 R | 12R - 38" | 225 | 0.040 | 1.00 | Nov | 1.08 | 1.23 | 0.18 | 0.76 | 0.04 | 0.44 | | | | 3.69 |
| Fertilizer Tool Bar | 12R - 38" | 225 | 0.066 | 1.00 | Nov | 1.80 | 2.05 | 0.26 | 1.09 | 0.13 | 1.23 | | | | 6.43 |
| 24-8-0 | ton | | | | | | | | | | | 0.2250 | 213.00 | 47.93 | 47.93 |
| Sprayer - 76' | 76 ft boom | | 0.020 | 1.00 | Jan | 0.19 | 1.05 | | | 0.02 | 0.22 | | | | 1.46 |
| Crop Oil | pt | | | | | | | | | | | 0.5000 | 1.24 | 0.62 | 0.62 |
| 2,4-D Amine | pt | | | | | | | | | | | 1.0000 | 1.29 | 1.29 | 1.29 |
| Atrazine 4L | pt | | | | | | | | | | | 2.0000 | 1.14 | 2.28 | 2.28 |
| Planter 12R-38 | | 225 | 0.050 | 1.00 | Feb | 1.35 | 1.54 | 0.32 | 2.16 | 0.10 | 0.93 | | | | 6.30 |
| Grain Sorghum/Seed | lb | | | | | | | | | | | 7.0000 | 1.26 | 8.82 | 8.82 |
| GSSeedInsectTmt | bag | | | | | | | | | | | 0.1400 | 57.00 | 7.98 | 7.98 |
| Grain-Pre-em herb | qt | | | | | | | | | | | 1.0000 | 8.93 | 8.93 | 8.93 |
| Glyphosate (gal) | gal | | | | | | | | | | | 0.0312 | 14.25 | 0.45 | 0.45 |
| Cutworm Control | oz | | | | | | | | | | | 1.2500 | 1.05 | 1.31 | 1.31 |
| Cult & Spray | 12R-38" | 225 | 0.050 | 1.00 | Mar | 1.35 | 1.54 | 0.45 | 1.26 | 0.05 | 0.55 | | | | 5.15 |
| GS-Post Em-Herb | oz | | | | | | | | | | | 0.5000 | 11.25 | 5.63 | 5.63 |
| Surfactant | pt | | | | | | | | | | | 0.0150 | 1.38 | 0.02 | 0.02 |
| Cult & Spray | 12R-38" | 225 | 0.050 | 1.00 | Apr | 1.35 | 1.54 | 0.45 | 1.26 | 0.05 | 0.55 | | | | 5.15 |
| App by Air (2 gal) | appl | | | 1.00 | Jun | | | | | | | 1.0000 | 4.00 | 4.00 | 4.00 |
| Worm Control | gal | | | | | | | | | | | 0.0285 | 216.74 | 6.18 | 6.18 |
| Custom Haul Grain | cwt | | | 1.00 | Jul | | | | | | | 57.0000 | 0.28 | 15.96 | 15.96 |
| Combine | 30' | | 0.055 | 1.00 | Jul | 7.16 | 9.38 | | | 0.05 | 0.61 | | | | 17.15 |
| Grain Cart | | 2WD 150 | 0.090 | 1.00 | Jul | 2.10 | 1.45 | 0.14 | 0.59 | 0.09 | 1.00 | | | | 5.28 |
| Disk & Chop | 19' | 2WD 150 | 0.071 | 1.00 | Jul | 1.65 | 1.14 | 0.11 | 0.62 | 0.07 | 0.79 | | | | 4.31 |
| Crop Ins- GS | acre | | | 1.00 | Oct | | | | | | | 1.0000 | 5.70 | 5.70 | 5.70 |
| TOTALS | | | | | | 19.30 | 23.20 | 2.09 | 8.50 | 0.67 | 6.98 | | | 121.06 | 181.13 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 6.84 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 187.97 |

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