

Estimated costs and returns per Acre  
 Grain Sorghum-12 Row Conventional Till-Dryland  
 Upper Coastal Bend, 5600# Yield Goal, 2010, Texas Agrilife Extension

| ITEM                                   | UNIT | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--|------|---------|----------|---------|-----------|
|  |      | dollars |          | dollars |           |
| INCOME                                 |      |         |          |         |           |
| Grain Sorghum                          | cwt  | 6.25    | 56.0000  | 350.00  | _____     |
|  |      |         |          | -----   |           |
| TOTAL INCOME                           |      |         |          | 350.00  | _____     |
| DIRECT EXPENSES                        |      |         |          |         |           |
| CUSTOM                                 |      |         |          |         |           |
| App by Air                             | appl | 6.00    | 1.0000   | 6.00    | _____     |
| Custom Haul Grain                      | cwt  | 0.30    | 57.0000  | 17.10   | _____     |
| FERTILIZER                             |      |         |          |         |           |
| 24-8-0                                 | ton  | 245.00  | 0.2250   | 55.13   | _____     |
| HERBICIDE                              |      |         |          |         |           |
| Glyphosate (gal)                       | gal  | 30.00   | 0.2187   | 6.56    | _____     |
| 2,4-D Amine                            | pt   | 1.88    | 2.0000   | 3.76    | _____     |
| Crop Oil                               | pt   | 0.94    | 0.5000   | 0.47    | _____     |
| Atrazine 4L                            | pt   | 2.12    | 2.0000   | 4.25    | _____     |
| Grain-Pre-em herb                      | qt   | 11.00   | 1.0000   | 11.00   | _____     |
| GS-Post Em-Herb                        | oz   | 12.00   | 0.5000   | 6.00    | _____     |
| Surfactant                             | pt   | 2.56    | 0.0150   | 0.04    | _____     |
| INSECTICIDE                            |      |         |          |         |           |
| Cutworm Control                        | oz   | 0.65    | 1.2500   | 0.81    | _____     |
| Worm Control                           | gal  | 200.00  | 0.0285   | 5.70    | _____     |
| SEED/PLANTS                            |      |         |          |         |           |
| Grain Sorg-Treated                     | lb   | 3.12    | 7.0000   | 21.84   | _____     |
| OTHER                                  |      |         |          |         |           |
| Crop Ins- GS                           | acre | 5.70    | 1.0000   | 5.70    | _____     |
| OPERATOR LABOR                         |      |         |          |         |           |
| Tractors                               | hour | 13.75   | 0.4590   | 6.32    | _____     |
| Self-Propelled                         | hour | 13.75   | 0.0955   | 1.32    | _____     |
| HAND LABOR                             |      |         |          |         |           |
| Implements                             | hour | 7.50    | 0.1666   | 1.26    | _____     |
| Self-Propelled                         | hour | 7.50    | 0.0400   | 0.30    | _____     |
| DIESEL FUEL                            |      |         |          |         |           |
| Tractors                               | gal  | 2.05    | 4.6947   | 9.63    | _____     |
| Self-Propelled                         | gal  | 2.05    | 1.1200   | 2.29    | _____     |
| REPAIR & MAINTENANCE                   |      |         |          |         |           |
| Implements                             | Acre | 2.41    | 1.0000   | 2.41    | _____     |
| Tractors                               | Acre | 2.57    | 1.0000   | 2.57    | _____     |
| Self-Propelled                         | Acre | 5.70    | 1.0000   | 5.70    | _____     |
| INTEREST ON OP. CAP.                   | Acre | 4.89    | 1.0000   | 4.89    | _____     |
|  |      |         |          | -----   |           |
| TOTAL DIRECT EXPENSES                  |      |         |          | 181.06  | _____     |
| RETURNS ABOVE DIRECT EXPENSES          |      |         |          | 168.94  | _____     |
| FIXED EXPENSES                         |      |         |          |         |           |
| Implements                             | Acre | 8.42    | 1.0000   | 8.42    | _____     |
| Tractors                               | Acre | 11.57   | 1.0000   | 11.57   | _____     |
| Self-Propelled                         | Acre | 10.35   | 1.0000   | 10.35   | _____     |
|  |      |         |          | -----   |           |
| TOTAL FIXED EXPENSES                   |      |         |          | 30.34   | _____     |
|  |      |         |          | -----   |           |
| TOTAL SPECIFIED EXPENSES               |      |         |          | 211.40  | _____     |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES |      |         |          | 138.60  | _____     |
| RESIDUAL ITEMS                         |      |         |          |         |           |
| Management Charge                      | %    | 350.00  | 0.0500   | 17.50   | _____     |
| Land Charge                            | acre | 40.00   | 1.0000   | 40.00   | _____     |
| G&A Overhead                           | acre | 10.50   | 1.0000   | 10.50   | _____     |
|  |      |         |          | -----   |           |
| RESIDUAL RETURNS                       |      |         |          | 70.60   | _____     |

Projection for planning only. Not to be used w/o update after 10/08/09.

Table 2.A Estimated resource use and costs for field operations, per Acre  
 Grain Sorghum-12 Row Conventional Till-Dryland  
 Upper Coastal Bend, 5600# Yield Goal, 2010, Texas Agrilife Extension

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | POWER UNIT<br>SIZE | PERF<br>RATE | TIMES<br>OVER | MTH | POWER UNIT COST   |       | EQUIPMENT COST |       | ALLOC LABOR |      | OPERATING/DURABLE INPUT |        |        | TOTAL<br>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              | 0.93  |                |       | 0.04        | 0.43 |                         |        |        | 1.55          |
| Glyphosate (gal)              | gal           |                    |              |               |     |                   |       |                |       |             |      | 0.1875                  | 30.00  | 5.63   | 5.63          |
| 2,4-D Amine                   | pt            |                    |              |               |     |                   |       |                |       |             |      | 1.0000                  | 1.88   | 1.88   | 1.88          |
| Bedder/Hipper 12 R            | 12R - 38"     | 225                | 0.040        | 1.00          | Oct | 1.13              | 1.26  | 0.29           | 1.02  | 0.04        | 0.55 |                         |        |        | 4.25          |
| Bedder/Hipper 12 R            | 12R - 38"     | 225                | 0.040        | 1.00          | Nov | 1.13              | 1.26  | 0.29           | 1.02  | 0.04        | 0.55 |                         |        |        | 4.25          |
| Fertilizer Tool Bar           | 12R - 38"     | 225                | 0.066        | 1.00          | Nov | 1.89              | 2.11  | 0.26           | 0.92  | 0.13        | 1.42 |                         |        |        | 6.60          |
| 24-8-0                        | ton           |                    |              |               |     |                   |       |                |       |             |      | 0.2250                  | 245.00 | 55.13  | 55.13         |
| Sprayer - 76'                 | 76 ft boom    |                    | 0.020        | 1.00          | Jan | 0.19              | 0.93  |                |       | 0.04        | 0.43 |                         |        |        | 1.55          |
| Crop Oil                      | pt            |                    |              |               |     |                   |       |                |       |             |      | 0.5000                  | 0.94   | 0.47   | 0.47          |
| 2,4-D Amine                   | pt            |                    |              |               |     |                   |       |                |       |             |      | 1.0000                  | 1.88   | 1.88   | 1.88          |
| Atrazine 4L                   | pt            |                    |              |               |     |                   |       |                |       |             |      | 2.0000                  | 2.12   | 4.25   | 4.25          |
| Planter 12R-38                |               | 225                | 0.050        | 1.00          | Feb | 1.41              | 1.58  | 0.32           | 1.87  | 0.10        | 1.07 |                         |        |        | 6.25          |
| Grain Sorg-Treated            | lb            |                    |              |               |     |                   |       |                |       |             |      | 7.0000                  | 3.12   | 21.84  | 21.84         |
| Grain-Pre-em herb             | qt            |                    |              |               |     |                   |       |                |       |             |      | 1.0000                  | 11.00  | 11.00  | 11.00         |
| Glyphosate (gal)              | gal           |                    |              |               |     |                   |       |                |       |             |      | 0.0312                  | 30.00  | 0.94   | 0.94          |
| Cutworm Control               | oz            |                    |              |               |     |                   |       |                |       |             |      | 1.2500                  | 0.65   | 0.81   | 0.81          |
| Cult & Spray                  | 12R-38"       | 225                | 0.050        | 1.00          | Mar | 1.41              | 1.58  | 0.45           | 1.11  | 0.10        | 1.07 |                         |        |        | 5.62          |
| GS-Post Em-Herb               | oz            |                    |              |               |     |                   |       |                |       |             |      | 0.5000                  | 12.00  | 6.00   | 6.00          |
| Surfactant                    | pt            |                    |              |               |     |                   |       |                |       |             |      | 0.0150                  | 2.56   | 0.04   | 0.04          |
| Cultivate                     | 12R-38"       | 225                | 0.050        | 1.00          | Apr | 1.41              | 1.58  | 0.45           | 1.11  | 0.05        | 0.69 |                         |        |        | 5.24          |
| App by Air                    | appl          |                    |              | 1.00          | Jun |                   |       |                |       |             |      | 1.0000                  | 6.00   | 6.00   | 6.00          |
| Worm Control                  | gal           |                    |              |               |     |                   |       |                |       |             |      | 0.0285                  | 200.00 | 5.70   | 5.70          |
| Custom Haul Grain             | cwt           |                    |              | 1.00          | Jul |                   |       |                |       |             |      | 57.0000                 | 0.30   | 17.10  | 17.10         |
| Combine                       | 30'           |                    | 0.055        | 1.00          | Jul | 7.61              | 8.49  |                |       | 0.05        | 0.76 |                         |        |        | 16.86         |
| Grain Cart                    |               | 2WD 150            | 0.090        | 1.00          | Jul | 2.14              | 1.23  | 0.24           | 0.83  | 0.09        | 1.25 |                         |        |        | 5.69          |
| Disk & Chop                   | 19'           | 2WD 150            | 0.071        | 1.00          | Jul | 1.68              | 0.97  | 0.11           | 0.54  | 0.07        | 0.98 |                         |        |        | 4.28          |
| Crop Ins- GS                  | acre          |                    |              | 1.00          | Oct |                   |       |                |       |             |      | 1.0000                  | 5.70   | 5.70   | 5.70          |
| TOTALS                        |               |                    |              |               |     | 20.19             | 21.92 | 2.41           | 8.42  | 0.76        | 9.20 |                         |        | 144.37 | 206.51        |
| INTEREST ON OPERATING CAPITAL |               |                    |              |               |     |                   |       |                |       |             |      |                         |        |        | 4.89          |
| UNALLOCATED LABOR             |               |                    |              |               |     |                   |       |                |       |             |      |                         |        |        | 0.00          |
| TOTAL SPECIFIED COST          |               |                    |              |               |     |                   |       |                |       |             |      |                         |        |        | 211.40        |

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