

*Projections for Planning Purposes Only  
Not to be Used without Updating after January 1, 2009*

B-1241 (C6)

Table 24.D Estimated costs and returns per acre  
Alamo Switch Grass Establishment  
Pivot Irrigated, Far West Texas, 2009

| ITEM                                   | UNIT  | PRICE    | QUANTITY | AMOUNT  | YOUR FARM |
|--|-------|----------|----------|---------|-----------|
|  |       | dollars  |          | dollars |           |
| INCOME                                 |       |          |          | -----   |           |
| TOTAL INCOME                           |       |          |          | 0.00    | _____     |
| DIRECT EXPENSES                        |       |          |          |         |           |
| FERTILIZERS                            |       |          |          |         |           |
| N-32 in Water                          | lb    | 0.25     | 20.0000  | 5.00    | _____     |
| HERBICIDES                             |       |          |          |         |           |
| Roundup Original                       | oz    | 0.26     | 128.0000 | 33.28   | _____     |
| SEED/PLANTS                            |       |          |          |         |           |
| Switchgrass seed                       | lb    | 5.00     | 3.0000   | 15.00   | _____     |
| Operator Labor                         |       |          |          |         |           |
| Tractors                               | hour  | 11.50    | 0.6798   | 7.82    | _____     |
| Irrigation Labor                       |       |          |          |         |           |
| Trans-Pecos Pivot NG                   | hour  | 10.50    | 0.0175   | 0.18    | _____     |
| Hand Labor                             |       |          |          |         |           |
| Implements                             | hour  | 10.50    | 0.1789   | 1.88    | _____     |
| DIESEL FUEL                            |       |          |          |         |           |
| Tractors                               | gal   | 2.60     | 4.6032   | 11.97   | _____     |
| NATURAL GAS                            |       |          |          |         |           |
| Trans-Pecos Pivot NG                   | Mcf   | 12.00    | 3.0433   | 36.52   | _____     |
| REPAIR & MAINTENANCE                   |       |          |          |         |           |
| Implements                             | acre  | 2.85     | 1.0000   | 2.85    | _____     |
| Tractors                               | acre  | 1.54     | 1.0000   | 1.54    | _____     |
| Trans-Pecos Pivot NG                   | ac-in | 2.00     | 4.0000   | 8.02    | _____     |
| INTEREST ON OP. CAP.                   | acre  | 2.18     | 1.0000   | 2.18    | _____     |
| TOTAL DIRECT EXPENSES                  |       |          |          | 126.24  | _____     |
| RETURNS ABOVE DIRECT EXPENSES          |       |          |          | -126.24 | _____     |
| FIXED EXPENSES                         |       |          |          |         |           |
| Implements                             | acre  | 7.18     | 1.0000   | 7.18    | _____     |
| Tractors                               | acre  | 10.76    | 1.0000   | 10.76   | _____     |
| Trans-Pecos Pivot NG                   | each  | 11900.63 | 0.0083   | 99.17   | _____     |
| TOTAL FIXED EXPENSES                   |       |          |          | 117.11  | _____     |
| TOTAL SPECIFIED EXPENSES               |       |          |          | 243.35  | _____     |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES |       |          |          | -243.35 | _____     |

Note: Cost of production estimates are based on last year's input price

Table 24.A Estimated resource use and costs for field operations, per acre  
 Alamo Switch Grass Establishment  
 Pivot Irrigated, Far West Texas, 2009

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | POWER UNIT<br>SIZE | PERF TIMES |      |     | POWER UNIT COST   |       | EQUIPMENT COST |        | ALLOC LABOR |      | OPERATING/DURABLE INPUT |       |       | TOTAL<br>COST |
|-------------------------------|---------------|--------------------|------------|------|-----|-------------------|-------|----------------|--------|-------------|------|-------------------------|-------|-------|---------------|
|                               |               |                    | RATE       | OVER | MTH | DIRECT            | FIXED | DIRECT         | FIXED  | HOURS       | COST | AMOUNT                  | PRICE | COST  |               |
|                               |               |                    |            |      |     | -----dollars----- |       |                |        | dollars     |      | -----dollars-----       |       |       |               |
| Heavy Disk                    | 14'           | MFWD 150           | 0.145      | 2.00 | Aug | 6.64              | 5.35  | 1.08           | 2.59   | 0.29        | 3.36 |                         |       |       | 19.02         |
| Spray (Bcast/HB)              | 20' Rigid     | 2WD 50             | 0.084      | 2.00 | Aug | 1.22              | 0.63  | 0.40           | 0.55   | 0.25        | 2.84 |                         |       |       | 5.64          |
| Roundup Original              | oz            |                    |            |      |     |                   |       |                |        |             |      | 128.0000                | 0.26  | 33.28 | 33.28         |
| Field Cultivate               | 24'           | MFWD 170           | 0.062      | 2.00 | Aug | 3.21              | 2.72  | 0.40           | 1.91   | 0.12        | 1.43 |                         |       |       | 9.67          |
| Grain Drill                   | 20'           | MFWD 170           | 0.094      | 1.00 | Sep | 2.44              | 2.06  | 0.97           | 2.13   | 0.18        | 2.07 |                         |       |       | 9.67          |
| Switchgrass seed              | lb            |                    |            |      |     |                   |       |                |        |             |      | 3.0000                  | 5.00  | 15.00 | 15.00         |
| N-32 in Water                 | lb            |                    |            | 1.00 | Oct |                   |       |                |        |             |      | 20.0000                 | 0.25  | 5.00  | 5.00          |
| Trans-Pecos Pivot NG          | each          |                    |            | 1.00 | Oct |                   |       |                | 99.17  |             |      | 0.0083                  |       |       | 99.17         |
| Application 1                 | ac-in         |                    |            |      |     |                   |       | 22.27          |        | 0.00        | 0.09 | 2.0000                  |       |       | 22.36         |
| Application 2                 | ac-in         |                    |            |      |     |                   |       | 22.27          |        | 0.00        | 0.09 | 2.0000                  |       |       | 22.36         |
| TOTALS                        |               |                    |            |      |     | 13.51             | 10.76 | 47.39          | 106.35 | 0.87        | 9.88 |                         |       | 53.28 | 241.17        |
| INTEREST ON OPERATING CAPITAL |               |                    |            |      |     |                   |       |                |        |             |      |                         |       |       | 2.18          |
| UNALLOCATED LABOR             |               |                    |            |      |     |                   |       |                |        |             |      |                         |       |       | 0.00          |
| TOTAL SPECIFIED COST          |               |                    |            |      |     |                   |       |                |        |             |      |                         |       |       | 243.35        |

Note: Cost of production estimates are based on last year's input prices.