

Projections for Planning Purposes Only  
 Not to be Used without Updating after Novmeber 1. 2005

B-1241 (C1&2)

Table 4.A Estimated costs and returns per Acre  
 Bt Corn (corn Borer) for Grain, Sprinkler Irrig, (NG)  
 2006 Projected Costs and Returns per Acre

| ITEM                                   | UNIT  | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
|  |       | dollars |          | dollars |           |
| INCOME                                 |       |         |          |         |           |
| corn                                   | bu.   | 2.65    | 210.0000 | 556.50  | _____     |
|  |       |         |          | -----   |           |
| TOTAL INCOME                           |       |         |          | 556.50  | _____     |
| DIRECT EXPENSES                        |       |         |          |         |           |
| SEED                                   |       |         |          |         |           |
| seed - Bt corngr.                      | bags  | 145.00  | 0.3500   | 50.75   | _____     |
| INSECTICIDE                            |       |         |          |         |           |
| miticide                               | acre  | 23.50   | 1.0000   | 23.50   | _____     |
| HERBICIDE                              |       |         |          |         |           |
| herb - corn pre                        | acre  | 17.30   | 1.0000   | 17.30   | _____     |
| herb - corn post                       | acre  | 19.30   | 1.0000   | 19.30   | _____     |
| FERTILIZER                             |       |         |          |         |           |
| fert(N) - ANH3                         | lb.   | 0.30    | 126.0000 | 37.80   | _____     |
| fert(P) - liquid                       | lb.   | 0.37    | 60.0000  | 22.20   | _____     |
| fert(N) - liquid                       | lb.   | 0.40    | 78.0000  | 31.20   | _____     |
| CUSTOM                                 |       |         |          |         |           |
| fert appl - ANH3                       | acre  | 9.00    | 1.0000   | 9.00    | _____     |
| crop consultant                        | acre  | 6.00    | 1.0000   | 6.00    | _____     |
| harv & haul - corn                     | bu.   | 0.26    | 210.0000 | 54.60   | _____     |
| CROP INSURANCE                         |       |         |          |         |           |
| crop insurance-corn                    | acre  | 15.00   | 1.0000   | 15.00   | _____     |
| OPERATOR LABOR                         |       |         |          |         |           |
| Implements                             | hour  | 8.00    | 0.2925   | 2.34    | _____     |
| Tractors                               | hour  | 8.00    | 0.3965   | 3.17    | _____     |
| HAND LABOR                             |       |         |          |         |           |
| Implements                             | hour  | 8.00    | 0.1527   | 1.22    | _____     |
| IRRIGATION LABOR                       |       |         |          |         |           |
| Center Pivot                           | hour  | 8.00    | 1.3440   | 10.75   | _____     |
| DIESEL FUEL                            |       |         |          |         |           |
| Tractors                               | gal   | 2.16    | 2.1861   | 4.72    | _____     |
| GASOLINE                               |       |         |          |         |           |
| Pickup                                 | gal   | 2.20    | 2.0100   | 4.42    | _____     |
| IRRIGATION ENERGY                      |       |         |          |         |           |
| Center Pivot                           | ac-in | 10.00   | 21.0000  | 210.00  | _____     |
| REPAIR & MAINTENANCE                   |       |         |          |         |           |
| Implements                             | Acre  | 5.61    | 1.0000   | 5.61    | _____     |
| Tractors                               | Acre  | 4.80    | 1.0000   | 4.80    | _____     |
| Pick-up                                | Acre  | 0.16    | 1.0000   | 0.16    | _____     |
| Center Pivot                           | ac-in | 2.03    | 21.0000  | 42.63   | _____     |
| INTEREST ON OP. CAP.                   | Acre  | 14.42   | 1.0000   | 14.42   | _____     |
|  |       |         |          | -----   |           |
| TOTAL DIRECT EXPENSES                  |       |         |          | 590.91  | _____     |
| RETURNS ABOVE DIRECT EXPENSES          |       |         |          | -34.41  | _____     |
| FIXED EXPENSES                         |       |         |          |         |           |
| Implements                             | Acre  | 9.54    | 1.0000   | 9.54    | _____     |
| Tractors                               | Acre  | 7.82    | 1.0000   | 7.82    | _____     |
| Pickup                                 | Acre  | 0.28    | 1.0000   | 0.28    | _____     |
| Center Pivot                           | Acre  | 33.60   | 1.0000   | 33.60   | _____     |
|  |       |         |          | -----   |           |
| TOTAL FIXED EXPENSES                   |       |         |          | 51.25   | _____     |
|  |       |         |          | -----   |           |
| TOTAL SPECIFIED EXPENSES               |       |         |          | 642.17  | _____     |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES |       |         |          | -85.67  | _____     |
| ALLOCATED COST ITEMS                   |       |         |          |         |           |
| cash rent - corn                       | acre  | 75.00   | 1.0000   | 75.00   | _____     |
| RESIDUAL RETURNS                       |       |         |          | -160.67 | _____     |

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Table 4.B Estimated resource use and costs for field operations, per Acre  
 Bt Corn (corn Borer) for Grain, Sprinkler Irrig, (NG)  
 2006 Projected Costs and Returns per Acre

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | TRACTOR<br>SIZE | PERF TIMES |       |     | TRACTOR COST      |       | EQUIP COST |       | ALLOC LABOR |        | OPERATING INPUT   |        |        | TOTAL<br>COST |        |
|-------------------------------|---------------|-----------------|------------|-------|-----|-------------------|-------|------------|-------|-------------|--------|-------------------|--------|--------|---------------|--------|
|                               |               |                 | RATE       | OVER  | MTH | DIRECT            | FIXED | DIRECT     | FIXED | HOURS       | COST   | AMOUNT            | PRICE  | COST   |               |        |
|                               |               |                 |            |       |     | -----dollars----- |       |            |       | dollars     |        | -----dollars----- |        |        |               |        |
| chisel                        |               | 125             | 0.099      | 1.00  | Feb | 3.02              | 2.74  | 0.69       | 1.24  | 0.219       | 1.75   |                   |        |        |               | 9.45   |
| disc                          | offset        | 100             | 0.078      | 1.00  | Mar | 1.97              | 1.82  | 1.54       | 2.42  | 0.173       | 1.38   |                   |        |        |               | 9.14   |
| fert appl - ANH3              | acre          |                 |            | 1.00  | Mar |                   |       |            |       |             |        | 1.0000            | 9.00   | 9.00   |               | 9.00   |
| fert(N) - ANH3                | lb.           |                 |            |       |     |                   |       |            |       |             |        | 126.0000          | 0.30   | 37.80  |               | 37.80  |
| sweep plow                    |               | 150             | 0.065      | 1.00  | Apr | 1.83              | 1.29  | 0.85       | 1.34  | 0.143       | 1.15   |                   |        |        |               | 6.48   |
| planter                       | bed           | 75              | 0.152      | 1.00  | May | 2.69              | 1.96  | 2.51       | 4.53  | 0.305       | 2.44   |                   |        |        |               | 14.15  |
| seed - Bt corngr.             | bags          |                 |            |       |     |                   |       |            |       |             |        | 0.3500            | 145.00 | 50.75  |               | 50.75  |
| crop consultant               | acre          |                 |            |       |     |                   |       |            |       |             |        | 1.0000            | 6.00   | 6.00   |               | 6.00   |
| crop insurance-corn           | acre          |                 |            |       |     |                   |       |            |       |             |        | 1.0000            | 15.00  | 15.00  |               | 15.00  |
| herb - corn pre               | acre          |                 |            |       |     |                   |       |            |       |             |        | 1.0000            | 17.30  | 17.30  |               | 17.30  |
| fert(P) - liquid              | lb.           |                 |            |       |     |                   |       |            |       |             |        | 60.0000           | 0.37   | 22.20  |               | 22.20  |
| Center Pivot                  | ac-in         |                 |            | 2.00  | May |                   |       | 36.09      | 33.60 | 0.192       | 1.53   | 3.0000            |        |        |               | 71.22  |
| herb -corn post               | acre          |                 |            | 1.00  | May |                   |       |            |       |             |        | 1.0000            | 19.30  | 19.30  |               | 19.30  |
| Center Pivot                  | ac-in         |                 |            | 4.00  | Jun |                   |       | 72.18      |       | 0.384       | 3.07   | 6.0000            |        |        |               | 75.25  |
| fert(N) - liquid              | lb.           |                 |            |       |     |                   |       |            |       |             |        | 78.0000           | 0.40   | 31.20  |               | 31.20  |
| Pickup Truck                  | 3/4 ton       |                 | 0.006      | 20.00 | Jun |                   |       | 4.58       | 0.28  |             |        |                   |        |        |               | 4.86   |
| Center Pivot                  | ac-in         |                 | 4.00       | Jul   |     |                   | 72.18 |            | 0.384 | 3.07        | 6.0000 |                   |        |        | 75.25         |        |
| miticide                      | acre          |                 |            | 1.00  | Aug |                   |       |            |       |             |        | 1.0000            | 23.50  | 23.50  |               | 23.50  |
| Center Pivot                  | ac-in         |                 |            | 1.00  | Aug |                   |       | 12.03      |       | 0.064       | 0.51   | 1.0000            |        |        |               | 12.54  |
| Center Pivot                  | ac-in         |                 |            | 1.00  | Aug |                   |       | 12.03      |       | 0.064       | 0.51   | 1.0000            |        |        |               | 12.54  |
| Center Pivot                  | ac-in         |                 |            | 1.00  | Aug |                   |       | 24.06      |       | 0.128       | 1.02   | 2.0000            |        |        |               | 25.08  |
| Center Pivot                  | ac-in         |                 |            | 2.00  | Sep |                   |       | 24.06      |       | 0.128       | 1.02   | 2.0000            |        |        |               | 25.08  |
| harv & haul - corn            | bu.           |                 |            | 1.00  | Sep |                   |       |            |       |             |        | 210.0000          | 0.26   | 54.60  |               | 54.60  |
| TOTALS                        |               |                 |            |       |     | 9.52              | 7.82  | 262.82     | 43.43 | 2.185       | 17.48  |                   |        | 286.65 |               | 627.74 |
| INTEREST ON OPERATING CAPITAL |               |                 |            |       |     |                   |       |            |       |             |        |                   |        |        |               | 14.42  |
| UNALLOCATED LABOR             |               |                 |            |       |     |                   |       |            |       |             |        |                   |        |        |               | 0.00   |
| TOTAL SPECIFIED COST          |               |                 |            |       |     |                   |       |            |       |             |        |                   |        |        |               | 642.17 |

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