

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

B-1241 (C1&2)

Table 3.A Estimated costs and returns per Acre
 Bt Corn (corn borer) for Grain, Furrow Irrig, (NG)
 2006 Projected Costs and Returns per Acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| corn | bu. | 2.65 | 190.0000 | 503.50 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 503.50 | _____ |
| 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 | 152.0000 | 45.60 | _____ |
| fert(P) - liquid | lb. | 0.37 | 60.0000 | 22.20 | _____ |
| fert(N) - liquid | lb. | 0.40 | 32.0000 | 12.80 | _____ |
| 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 | 190.0000 | 49.40 | _____ |
| CROP INSURANCE | | | | | |
| crop insurance-corn | acre | 15.00 | 1.0000 | 15.00 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 8.00 | 0.4483 | 3.58 | _____ |
| Tractors | hour | 8.00 | 0.5263 | 4.21 | _____ |
| HAND LABOR | | | | | |
| Implements | hour | 8.00 | 0.1527 | 1.22 | _____ |
| IRRIGATION LABOR | | | | | |
| Center Pivot | hour | 8.00 | 3.6530 | 29.22 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.16 | 3.1032 | 6.70 | _____ |
| GASOLINE | | | | | |
| Pickup | gal | 2.20 | 3.0150 | 6.63 | _____ |
| IRRIGATION ENERGY | | | | | |
| Center Pivot | ac-in | 10.00 | 26.0000 | 260.00 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | Acre | 6.72 | 1.0000 | 6.72 | _____ |
| Tractors | Acre | 7.17 | 1.0000 | 7.17 | _____ |
| Pickup | Acre | 0.24 | 1.0000 | 0.24 | _____ |
| Center Pivot | ac-in | 1.80 | 26.0000 | 46.80 | _____ |
| INTEREST ON OP. CAP. | Acre | 19.25 | 1.0000 | 19.25 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 662.62 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | -159.12 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | Acre | 11.29 | 1.0000 | 11.29 | _____ |
| Tractors | Acre | 12.40 | 1.0000 | 12.40 | _____ |
| Pickup | Acre | 0.42 | 1.0000 | 0.42 | _____ |
| Center Pivot | Acre | 24.62 | 1.0000 | 24.62 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 48.75 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 711.37 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | -207.87 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| cash rent - corn | acre | 75.00 | 1.0000 | 75.00 | _____ |
| RESIDUAL RETURNS | | | | -282.87 | _____ |

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Table 3.B Estimated resource use and costs for field operations, per Acre
 Bt Corn (corn borer) for Grain, Furrow Irrig, (NG)
 2006 Projected Costs and Returns per Acre

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | TRACTOR SIZE | PERF TIMES | | | TRACTOR COST | | EQUIP COST | | ALLOC LABOR | | OPERATING INPUT | | | TOTAL COST |
|-------------------------------|---------------|-----------------|------------|-------|-----|-------------------|-------|------------|-------|-------------|-------|-------------------|--------|--------|---------------|
| | | | RATE | OVER | MTH | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| disc | offset | 100 | 0.078 | 1.00 | Nov | 1.97 | 1.82 | 1.54 | 2.42 | 0.173 | 1.38 | | | | 9.14 |
| chisel | | 125 | 0.099 | 1.00 | Dec | 3.02 | 2.74 | 0.69 | 1.24 | 0.219 | 1.75 | | | | 9.45 |
| disc | tandem | 100 | 0.138 | 1.00 | Feb | 3.45 | 3.18 | 1.52 | 2.40 | 0.303 | 2.42 | | | | 12.99 |
| bedder | | 150 | 0.057 | 1.00 | Mar | 1.60 | 1.13 | 0.44 | 0.69 | 0.125 | 1.00 | | | | 4.88 |
| fert appl - ANH3 | acre | | | 1.00 | Mar | | | | | | | 1.0000 | 9.00 | 9.00 | 9.00 |
| herb - corn pre | acre | | | | | | | | | | | 1.0000 | 17.30 | 17.30 | 17.30 |
| fert(N) - ANH3 | lb. | | | | | | | | | | | 152.0000 | 0.30 | 45.60 | 45.60 |
| Center Pivot | ac-in | | | 1.00 | Mar | | | 70.80 | 24.62 | 0.843 | 6.74 | 6.0000 | | | 102.16 |
| planter | bed | 100 | 0.152 | 1.00 | Apr | 3.81 | 3.52 | 2.51 | 4.53 | 0.305 | 2.44 | | | | 16.84 |
| seed - Bt corngr. | bags | | | | | | | | | | | 0.3500 | 145.00 | 50.75 | 50.75 |
| fert(P) - liquid | lb. | | | | | | | | | | | 60.0000 | 0.37 | 22.20 | 22.20 |
| Pickup Truck | 3/4 ton | | 0.006 | 30.00 | Apr | | | 6.88 | 0.42 | | | | | | 7.30 |
| herb - corn post | acre | | | 1.00 | May | | | | | | | 1.0000 | 19.30 | 19.30 | 19.30 |
| crop consultant | acre | | | | | | | | | | | 1.0000 | 6.00 | 6.00 | 6.00 |
| crop insurance-corn | acre | | | | | | | | | | | 1.0000 | 15.00 | 15.00 | 15.00 |
| Center Pivot | ac-in | | | 2.00 | Jun | | | 94.40 | | 1.124 | 8.99 | 8.0000 | | | 103.39 |
| fert(N) - liquid | lb. | | | | | | | | | | | 32.0000 | 0.40 | 12.80 | 12.80 |
| Center Pivot | ac-in | | | 2.00 | Jul | | | 94.40 | | 1.124 | 8.99 | 8.0000 | | | 103.39 |
| miticide | acre | | 1.00 | | Aug | | | | | | | 1.0000 | 23.50 | 23.50 | 23.50 |
| Center Pivot | ac-in | | | 1.00 | Aug | | | 47.20 | | 0.562 | 4.49 | 4.0000 | | | 51.69 |
| harv & haul - corn | bu. | | | 1.00 | Sep | | | | | | | 190.0000 | 0.26 | 49.40 | 49.40 |
| TOTALS | | | | | | 13.87 | 12.40 | 320.40 | 36.34 | 4.780 | 38.24 | | | 270.85 | 692.12 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 19.25 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 711.37 |

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