

Table 4.A Estimated costs and returns per Acre
Bt Corn for Grain, Sprinkler Irrigated, (NG)
2011 Projected Costs and Returns per Acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| corn | bu. | 5.25 | 225.0000 | 1181.25 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 1181.25 | _____ |
| DIRECT EXPENSES | | | | | |
| SEED | | | | | |
| seed - Bt corngr. | bags | 255.00 | 0.3800 | 96.90 | _____ |
| INSECTICIDE | | | | | |
| miticide | acre | 20.00 | 1.0000 | 20.00 | _____ |
| HERBICIDE | | | | | |
| herb - corn pre | acre | 19.60 | 1.0000 | 19.60 | _____ |
| herb -corn post | acre | 27.80 | 1.0000 | 27.80 | _____ |
| FERTILIZER | | | | | |
| fert(N) - ANH3 | lb. | 0.43 | 126.0000 | 54.18 | _____ |
| fert(P) - liquid | lb. | 0.71 | 60.0000 | 42.60 | _____ |
| fert(N) - liquid | lb. | 0.57 | 78.0000 | 44.46 | _____ |
| CUSTOM | | | | | |
| fert appl - ANH3 | acre | 11.00 | 1.0000 | 11.00 | _____ |
| crop consultant | acre | 7.25 | 1.0000 | 7.25 | _____ |
| harv & haul - corn | bu. | 0.39 | 225.0000 | 87.75 | _____ |
| CROP INSURANCE | | | | | |
| corn - irrigated | acre | 24.25 | 1.0000 | 24.25 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 10.30 | 0.2925 | 3.01 | _____ |
| Tractors | hour | 10.30 | 0.3965 | 4.08 | _____ |
| HAND LABOR | | | | | |
| Implements | hour | 10.30 | 0.1527 | 1.57 | _____ |
| IRRIGATION LABOR | | | | | |
| Center Pivot | hour | 10.30 | 1.4080 | 14.50 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.65 | 2.1861 | 5.79 | _____ |
| GASOLINE | | | | | |
| Self-Propelled Eq. | gal | 2.73 | 2.0100 | 5.48 | _____ |
| NATURAL GAS | | | | | |
| Center Pivot | Mcf | 4.75 | 22.0000 | 104.50 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | Acre | 5.61 | 1.0000 | 5.61 | _____ |
| Tractors | Acre | 4.80 | 1.0000 | 4.80 | _____ |
| Self-Propelled Eq. | Acre | 0.16 | 1.0000 | 0.16 | _____ |
| Center Pivot | ac-in | 2.03 | 22.0000 | 44.66 | _____ |
| INTEREST ON OP. CAP. | Acre | 10.27 | 1.0000 | 10.27 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 640.26 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 540.98 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | Acre | 8.87 | 1.0000 | 8.87 | _____ |
| Tractors | Acre | 7.06 | 1.0000 | 7.06 | _____ |
| Self-Propelled Eq. | Acre | 0.25 | 1.0000 | 0.25 | _____ |
| Center Pivot | Acre | 33.60 | 1.0000 | 33.60 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 49.79 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 690.06 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | 491.18 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| cash rent - corn | acre | 110.00 | 1.0000 | 110.00 | _____ |
| RESIDUAL RETURNS | | | | 381.18 | _____ |

Projections for Planning Purposes Only.

Projections for Planning Purposes Only
Not to be Used without Updating after December 15, 2010

B-1241 (C1)

Table 4.B Estimated resource use and costs for field operations, per Acre
Bt Corn for Grain, Sprinkler Irrigated, (NG)
2011 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----- | | | | |
| chisel | | 125 | 0.099 | 1.00 | Feb | 3.35 | 2.47 | 0.69 | 1.15 | 0.219 | 2.25 | | | | | 9.93 |
| disc | offset | 100 | 0.078 | 1.00 | Mar | 2.17 | 1.64 | 1.54 | 2.25 | 0.173 | 1.78 | | | | | 9.40 |
| fert appl - ANH3 | acre | | | 1.00 | Mar | | | | | | | 1.0000 | 11.00 | 11.00 | | 11.00 |
| fert(N) - ANH3 | lb. | | | | | | | | | | | 126.0000 | 0.43 | 54.18 | | 54.18 |
| corn - irrigated | acre | | | | | | | | | | | 1.0000 | 24.25 | 24.25 | | 24.25 |
| sweep plow | | 150 | 0.065 | 1.00 | Apr | 2.08 | 1.16 | 0.85 | 1.25 | 0.143 | 1.48 | | | | | 6.84 |
| planter | | 75 | 0.152 | 1.00 | May | 2.98 | 1.77 | 2.51 | 4.21 | 0.305 | 3.14 | | | | | 14.63 |
| seed - Bt corngr. | bags | | | | | | | | | | | 0.3800 | 255.00 | 96.90 | | 96.90 |
| crop consultant | acre | | | | | | | | | | | 1.0000 | 7.25 | 7.25 | | 7.25 |
| herb - corn pre | acre | | | | | | | | | | | 1.0000 | 19.60 | 19.60 | | 19.60 |
| fert(P) - liquid | lb. | | | | | | | | | | | 60.0000 | 0.71 | 42.60 | | 42.60 |
| Center Pivot | ac-in | | | 2.00 | May | | | 20.34 | 33.60 | 0.192 | 1.97 | 3.0000 | | | | 55.91 |
| herb -corn post | acre | | | 1.00 | May | | | | | | | 1.0000 | 27.80 | 27.80 | | 27.80 |
| Center Pivot | ac-in | | | 4.00 | Jun | | | 40.68 | | 0.384 | 3.95 | 6.0000 | | | | 44.63 |
| fert(N) - liquid | lb. | | | | | | | | | | | 78.0000 | 0.57 | 44.46 | | 44.46 |
| Pickup Truck | 3/4 ton | | 0.006 | 20.00 | Jun | | | 5.65 | 0.25 | | | | | | | 5.90 |
| Center Pivot | ac-in | | | 4.00 | Jul | | | 40.68 | | 0.384 | 3.95 | 6.0000 | | | | 44.63 |
| miticide | acre | | | 1.00 | Aug | | | | | | | 1.0000 | 20.00 | 20.00 | | 20.00 |
| Center Pivot | ac-in | | | 1.00 | Aug | | | 13.56 | | 0.128 | 1.31 | 2.0000 | | | | 14.87 |
| Center Pivot | ac-in | | | 1.00 | Aug | | | 6.78 | | 0.064 | 0.65 | 1.0000 | | | | 7.43 |
| Center Pivot | ac-in | | | 1.00 | Aug | | | 13.56 | | 0.128 | 1.31 | 2.0000 | | | | 14.87 |
| Center Pivot | ac-in | | | 2.00 | Sep | | | 13.56 | | 0.128 | 1.31 | 2.0000 | | | | 14.87 |
| harv & haul - corn | bu. | | | 1.00 | Sep | | | | | | | 225.0000 | 0.39 | 87.75 | | 87.75 |
| TOTALS | | | | | | 10.59 | 7.06 | 160.42 | 42.73 | 2.249 | 23.17 | | | 435.79 | | 679.78 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | | 10.27 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | | 690.06 |

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