

Table 4.A Estimated costs and returns per Acre
 Bt Corn for Grain, Sprinkler Irrigated, (NG)
 2010 Projected Costs and Returns per Acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| corn | bu. | 4.30 | 225.0000 | 967.50 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 967.50 | _____ |
| DIRECT EXPENSES | | | | | |
| SEED | | | | | |
| seed - Bt corngr. | bags | 255.00 | 0.3500 | 89.25 | _____ |
| 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. | 0.22 | 126.0000 | 27.72 | _____ |
| fert(P) - liquid | lb. | 0.51 | 60.0000 | 30.60 | _____ |
| fert(N) - liquid | lb. | 0.32 | 78.0000 | 24.96 | _____ |
| 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 | 19.30 | 1.0000 | 19.30 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 10.80 | 0.2925 | 3.15 | _____ |
| Tractors | hour | 10.80 | 0.3965 | 4.28 | _____ |
| HAND LABOR | | | | | |
| Implements | hour | 10.80 | 0.1527 | 1.64 | _____ |
| IRRIGATION LABOR | | | | | |
| Center Pivot | hour | 10.80 | 1.4080 | 15.20 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 2.05 | 2.1861 | 4.48 | _____ |
| GASOLINE | | | | | |
| Self-Propelled Eq. | gal | 2.36 | 2.0100 | 4.74 | _____ |
| NATURAL GAS | | | | | |
| Center Pivot | ac-in | 6.75 | 22.0000 | 148.50 | _____ |
| 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 | 10.88 | 1.0000 | 10.88 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 613.37 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 354.12 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | Acre | 8.73 | 1.0000 | 8.73 | _____ |
| Tractors | Acre | 6.89 | 1.0000 | 6.89 | _____ |
| Self-Propelled Eq. | Acre | 0.24 | 1.0000 | 0.24 | _____ |
| Center Pivot | Acre | 33.60 | 1.0000 | 33.60 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 49.48 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 662.86 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | 304.63 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| cash rent - corn | acre | 110.00 | 1.0000 | 110.00 | _____ |
| RESIDUAL RETURNS | | | | 194.63 | _____ |

Projections for Planning Purposes Only.
 1 ac-in = 1 Mcf

Projections for Planning Purposes Only
 Not to be Used without Updating after December 15, 2009

B-1241 (C1)

Table 4.B Estimated resource use and costs for field operations, per Acre
 Bt Corn for Grain, Sprinkler Irrigated, (NG)
 2010 Projected Costs and Returns per Acre

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | TRACTOR SIZE | PERF RATE | TIMES OVER | MTH | TRACTOR COST | | EQUIP COST | | ALLOC LABOR | | OPERATING INPUT | | | TOTAL COST | |
|-------------------------------|---------------|-----------------|--------------|---------------|-----|-------------------|-------|------------|-------|-------------|-------|-------------------|--------|--------|---------------|--------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | | |
| chisel | | 125 | 0.099 | 1.00 | Feb | 2.95 | 2.41 | 0.69 | 1.13 | 0.219 | 2.36 | | | | | 9.56 |
| disc | offset | 100 | 0.078 | 1.00 | Mar | 1.92 | 1.60 | 1.54 | 2.22 | 0.173 | 1.87 | | | | | 9.16 |
| fert appl - ANH3 | acre | | | 1.00 | Mar | | | | | | | 1.0000 | 11.00 | 11.00 | | 11.00 |
| fert(N) - ANH3 | lb. | | | | | | | | | | | 126.0000 | 0.22 | 27.72 | | 27.72 |
| corn - irrigated | acre | | | | | | | | | | | 1.0000 | 19.30 | 19.30 | | 19.30 |
| sweep plow | | 150 | 0.065 | 1.00 | Apr | 1.78 | 1.14 | 0.85 | 1.23 | 0.143 | 1.55 | | | | | 6.56 |
| planter | | 75 | 0.152 | 1.00 | May | 2.62 | 1.73 | 2.51 | 4.14 | 0.305 | 3.29 | | | | | 14.32 |
| seed - Bt corngr. | bags | | | | | | | | | | | 0.3500 | 255.00 | 89.25 | | 89.25 |
| 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 | 0.51 | 30.60 | | 30.60 |
| Center Pivot | ac-in | | | 2.00 | May | | | 26.34 | 33.60 | 0.192 | 2.07 | 3.0000 | | | | 62.01 |
| herb -corn post | acre | | | 1.00 | May | | | | | | | 1.0000 | 27.80 | 27.80 | | 27.80 |
| Center Pivot | ac-in | | | 4.00 | Jun | | | 52.68 | | 0.384 | 4.14 | 6.0000 | | | | 56.82 |
| fert(N) - liquid | lb. | | | | | | | | | | | 78.0000 | 0.32 | 24.96 | | 24.96 |
| Pickup Truck | 3/4 ton | | 0.006 | 20.00 | Jun | | | 4.90 | 0.24 | | | | | | | 5.15 |
| Center Pivot | ac-in | | | 4.00 | Jul | | | 52.68 | | 0.384 | 4.14 | 6.0000 | | | | 56.82 |
| miticide | acre | | | 1.00 | Aug | | | | | | | 1.0000 | 20.00 | 20.00 | | 20.00 |
| Center Pivot | ac-in | | | 1.00 | Aug | | | 17.56 | | 0.128 | 1.38 | 2.0000 | | | | 18.94 |
| Center Pivot | ac-in | | | 1.00 | Aug | | | 8.78 | | 0.064 | 0.69 | 1.0000 | | | | 9.47 |
| Center Pivot | ac-in | | | 1.00 | Aug | | | 17.56 | | 0.128 | 1.38 | 2.0000 | | | | 18.94 |
| Center Pivot | ac-in | | | 2.00 | Sep | | | 17.56 | | 0.128 | 1.38 | 2.0000 | | | | 18.94 |
| harv & haul - corn | bu. | | | 1.00 | Sep | | | | | | | 225.0000 | 0.39 | 87.75 | | 87.75 |
| TOTALS | | | | | | 9.28 | 6.89 | 203.67 | 42.58 | 2.249 | 24.29 | | | 365.23 | | 651.97 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | | 10.88 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | | 662.86 |

Projections for Planning Purposes Only.