

*Projections for Planning Purposes Only  
Not to be Used without Updating  
after November 1, 2006*

B-1241 (C1&2)

Table 4.A Estimated costs and returns per Acre  
Bt Corn (Corn Borer) for Grain, Sprinkler Irrig, (NG)  
2007 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
corn	bu.	3.68	210.0000	772.80	_____
TOTAL INCOME				772.80	_____
DIRECT EXPENSES					
SEED					
seed - Bt corngr.	bags	145.00	0.3500	50.75	_____
INSECTICIDE					
miticide	acre	25.00	1.0000	25.00	_____
HERBICIDE					
herb - corn pre	acre	17.30	1.0000	17.30	_____
herb -corn post	acre	15.00	1.0000	15.00	_____
FERTILIZER					
fert(N) - ANH <sub>3</sub>	lb.	0.20	126.0000	25.20	_____
fert(P) - liquid	lb.	0.41	60.0000	24.60	_____
fert(N) - liquid	lb.	0.35	78.0000	27.30	_____
CUSTOM					
fert appl - ANH <sub>3</sub>	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					
corn -CP	acre	15.00	1.0000	15.00	_____
OPERATOR LABOR					
Implements	hour	9.10	0.2925	2.66	_____
Tractors	hour	9.10	0.3965	3.60	_____
HAND LABOR					
Implements	hour	9.10	0.1527	1.38	_____
IRRIGATION LABOR					
Center Pivot	hour	9.10	1.4080	12.81	_____
DIESEL FUEL					
Tractors	gal	2.00	2.1861	4.37	_____
GASOLINE					
Pickup	gal	2.25	2.0100	4.52	_____
IRRIGATION ENERGY					
Center Pivot	ac-in	8.30	22.0000	182.60	_____
REPAIR & MAINTENANCE					
Implements	Acre	5.61	1.0000	5.61	_____
Tractors	Acre	4.80	1.0000	4.80	_____
Pickup	Acre	0.16	1.0000	0.16	_____
Center Pivot	ac-in	2.03	22.0000	44.66	_____
INTEREST ON OP. CAP.	Acre	16.08	1.0000	16.08	_____
TOTAL DIRECT EXPENSES				553.04	_____
RETURNS ABOVE DIRECT EXPENSES				219.75	_____
FIXED EXPENSES					
Implements	Acre	10.19	1.0000	10.19	_____
Tractors	Acre	8.55	1.0000	8.55	_____
Pickup	Acre	0.30	1.0000	0.30	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____
TOTAL FIXED EXPENSES				52.66	_____
TOTAL SPECIFIED EXPENSES				605.71	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				167.08	_____
ALLOCATED COST ITEMS					
cash rent - corn	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				92.08	_____

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*Information presented is prepared solely as a general guide not intended to recognize or predict the costs returns from any one operation. these projections were collected developed by TCE staff approved for publication.*

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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)  
 2007 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-----																
chisel		125	0.099	1.00	Feb	2.91	2.99	0.69	1.32	0.219	1.99				9.93	
disc	offset	100	0.078	1.00	Mar	1.90	1.99	1.54	2.59	0.173	1.57				9.60	
fert appl - ANH <sub>3</sub>	acre			1.00	Mar							1.0000	9.00	9.00	9.00	
fert(N) - ANH <sub>3</sub>	lb.											126.0000	0.20	25.20	25.20	
sweep plow		150	0.065	1.00	Apr	1.75	1.41	0.85	1.43	0.143	1.30				6.77	
planter	bed	75	0.152	1.00	May	2.60	2.15	2.51	4.83	0.305	2.77				14.88	
seed - Bt corngr.	bags											0.3500	145.00	50.75	50.75	
crop consultant	acre											1.0000	6.00	6.00	6.00	
corn -CP	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	0.41	24.60	24.60	
Center Pivot	ac-in			2.00	May			30.99	33.60	0.192	1.74				66.33	
herb -corn post	acre			1.00	May							1.0000	15.00	15.00	15.00	
Center Pivot	ac-in			4.00	Jun			61.98		0.384	3.49				65.47	
fert(N) - liquid	lb.											78.0000	0.35	27.30	27.30	
Pickup Truck	3/4 ton		0.006	20.00	Jun			4.68	0.30						4.99	
Center Pivot	ac-in			4.00	Jul			61.98		0.384	3.49				65.47	
miticide	acre			1.00	Aug							1.0000	25.00	25.00	25.00	
Center Pivot	ac-in			1.00	Aug			20.66		0.128	1.16				21.82	
Center Pivot	ac-in			1.00	Aug			10.33		0.064	0.58				10.91	
Center Pivot	ac-in			1.00	Aug			20.66		0.128	1.16				21.82	
Center Pivot	ac-in			2.00	Sep			20.66		0.128	1.16				21.82	
harv & haul - corn	bu.			1.00	Sep							210.0000	0.26	54.60	54.60	
TOTALS								9.17	8.55	237.55	44.10	2.249	20.47		269.75	589.62
INTEREST ON OPERATING CAPITAL																16.08
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																605.71

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