

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

B-1241 (C1&2)

Table 3.A Estimated costs and returns per Acre
Bt Corn (corn borer) for Grain, Furrow Irrig, (NG)
2007 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
corn	bu.	3.68	190.0000	699.20	_____

TOTAL INCOME				699.20	_____
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 ₃	lb.	0.20	152.0000	30.40	_____
fert(P) - liquid	lb.	0.41	60.0000	24.60	_____
fert(N) - liquid	lb.	0.35	32.0000	11.20	_____
CUSTOM					
fert appl - ANH ₃	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					
corn -CP	acre	15.00	1.0000	15.00	_____
OPERATOR LABOR					
Implements	hour	9.10	0.4483	4.07	_____
Tractors	hour	9.10	0.5263	4.78	_____
HAND LABOR					
Implements	hour	9.10	0.1527	1.38	_____
IRRIGATION LABOR					
Furrow	hour	9.10	3.6530	33.24	_____
DIESEL FUEL					
Tractors	gal	2.00	3.1032	6.20	_____
GASOLINE					
Pickup	gal	2.25	3.0150	6.78	_____
IRRIGATION ENERGY					
Furrow	ac-in	8.30	26.0000	215.80	_____
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	_____
Furrow	ac-in	1.80	26.0000	46.80	_____
INTEREST ON OP. CAP.	Acre	21.35	1.0000	21.35	_____

TOTAL DIRECT EXPENSES				608.23	_____
RETURNS ABOVE DIRECT EXPENSES				90.96	_____
FIXED EXPENSES					
Implements	Acre	12.06	1.0000	12.06	_____
Tractors	Acre	13.56	1.0000	13.56	_____
Pickup	Acre	0.46	1.0000	0.46	_____
Furrow	Acre	24.62	1.0000	24.62	_____

TOTAL FIXED EXPENSES				50.71	_____

TOTAL SPECIFIED EXPENSES				658.95	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				40.24	_____
ALLOCATED COST ITEMS					
cash rent - corn	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-34.75	_____

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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 3.B Estimated resource use and costs for field operations, per Acre
 Bt Corn (corn borer) for Grain, Furrow Irrig, (NG)
 2007 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-----			
disc	offset	100	0.078	1.00	Nov	1.90	1.99	1.54	2.59	0.173	1.57				9.60
chisel		125	0.099	1.00	Dec	2.91	2.99	0.69	1.32	0.219	1.99				9.93
disc	tandem	100	0.138	1.00	Feb	3.33	3.48	1.52	2.56	0.303	2.76				13.66
bedder		150	0.057	1.00	Mar	1.53	1.23	0.44	0.74	0.125	1.14				5.10
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	0.20	30.40	30.40
Furrow	ac-in			1.00	Mar			60.60	24.62	0.843	7.67	6.0000			92.89
planter	bed	100	0.152	1.00	Apr	3.68	3.85	2.51	4.83	0.305	2.77				17.68
seed - Bt corngr.	bags											0.3500	145.00	50.75	50.75
fert(P) - liquid	lb.											60.0000	0.41	24.60	24.60
Pickup Truck	3/4 ton		0.006	30.00	Apr			7.03	0.46						7.49
herb -corn post	acre			1.00	May							1.0000	15.00	15.00	15.00
crop consultant	acre											1.0000	6.00	6.00	6.00
corn -CP	acre											1.0000	15.00	15.00	15.00
Furrow	ac-in			2.00	Jun			80.80		1.124	10.22	8.0000			91.02
fert(N) - liquid	lb.											32.0000	0.35	11.20	11.20
Furrow	ac-in			2.00	Jul			80.80		1.124	10.22	8.0000			91.02
miticide	acre			1.00	Aug							1.0000	25.00	25.00	25.00
Furrow	ac-in			1.00	Aug			40.40		0.562	5.11	4.0000			45.51
harv & haul - corn	bu.			1.00	Sep							190.0000	0.26	49.40	49.40
TOTALS						13.37	13.56	276.35	37.14	4.780	43.50			253.65	637.60
INTEREST ON OPERATING CAPITAL															21.35
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															658.95

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