

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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