

Table 3.A Estimated costs and returns per Acre  
Bt Corn for Grain, Furrow Irrigated, (NG)  
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
corn	bu.	5.25	200.0000	1050.00	_____
				-----	
TOTAL INCOME				1050.00	_____
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	152.0000	65.36	_____
fert(P) - liquid	lb.	0.71	60.0000	42.60	_____
fert(N) - liquid	lb.	0.57	50.0000	28.50	_____
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	200.0000	78.00	_____
CROP INSURANCE					
corn - irrigated	acre	24.25	1.0000	24.25	_____
OPERATOR LABOR					
Implements	hour	10.30	0.4483	4.61	_____
Tractors	hour	10.30	0.5263	5.42	_____
HAND LABOR					
Implements	hour	10.30	0.1527	1.57	_____
IRRIGATION LABOR					
Furrow	hour	10.30	3.6530	37.62	_____
DIESEL FUEL					
Tractors	gal	2.65	3.1032	8.22	_____
GASOLINE					
Self-Propelled Eq.	gal	2.73	3.0150	8.23	_____
NATURAL GAS					
Furrow	Mcf	4.75	26.0000	123.50	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.72	1.0000	6.72	_____
Tractors	Acre	7.17	1.0000	7.17	_____
Self-Propelled Eq.	Acre	0.24	1.0000	0.24	_____
Furrow	ac-in	1.80	26.0000	46.80	_____
INTEREST ON OP. CAP.	Acre	12.90	1.0000	12.90	_____
				-----	
TOTAL DIRECT EXPENSES				684.29	_____
RETURNS ABOVE DIRECT EXPENSES				365.70	_____
FIXED EXPENSES					
Implements	Acre	10.50	1.0000	10.50	_____
Tractors	Acre	11.20	1.0000	11.20	_____
Self-Propelled Eq.	Acre	0.38	1.0000	0.38	_____
Furrow	Acre	24.62	1.0000	24.62	_____
				-----	
TOTAL FIXED EXPENSES				46.71	_____
				-----	
TOTAL SPECIFIED EXPENSES				731.00	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				318.99	_____
ALLOCATED COST ITEMS					
cash rent - corn	acre	110.00	1.0000	110.00	_____
RESIDUAL RETURNS				208.99	_____

Projections for Planning Purposes Only.

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

B-1241 (C1)

Table 3.B Estimated resource use and costs for field operations, per Acre  
Bt Corn for Grain, Furrow Irrigated, (NG)  
2011 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERAT
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT
						-----dollars-----				dollars		-
disc	offset	100	0.078	1.00	Nov	2.17	1.64	1.54	2.25	0.173	1.78	
chisel		125	0.099	1.00	Dec	3.35	2.47	0.69	1.15	0.219	2.25	
disc	tandem	100	0.138	1.00	Feb	3.81	2.87	1.52	2.23	0.303	3.12	
bedder		150	0.057	1.00	Mar	1.82	1.02	0.44	0.64	0.125	1.29	
fert appl - ANH3	acre			1.00	Mar							1.0000
corn - irrigated	acre											1.0000
herb - corn pre	acre											1.0000
fert(N) - ANH3	lb.											152.0000
Furrow	ac-in			1.00	Mar			39.30	24.62	0.843	8.68	6.0000
planter		100	0.152	1.00	Apr	4.22	3.18	2.51	4.21	0.305	3.14	
seed - Bt corngr.	bags											0.3800
fert(P) - liquid	lb.											60.0000
Pickup Truck	3/4 ton		0.006	30.00	Apr			8.47	0.38			
herb -corn post	acre			1.00	May							1.0000
crop consultant	acre											1.0000
Furrow	ac-in			2.00	Jun			52.40		1.124	11.57	8.0000
fert(N) - liquid	lb.											50.0000
Furrow	ac-in			2.00	Jul			52.40		1.124	11.57	8.0000
miticide	acre			1.00	Aug							1.0000
Furrow	ac-in			1.00	Aug			26.20		0.562	5.78	4.0000
harv & haul - corn	bu.			1.00	Sep							200.0000
TOTALS						15.39	11.20	185.50	35.50	4.780	49.23	
INTEREST ON OPERATING CAPITAL												
UNALLOCATED LABOR												
TOTAL SPECIFIED COST												

Projections for Planning Purposes Only.

ING INPUT		
PRICE	COST	TOTAL COST
-----dollars-----		
		9.40
		9.93
		13.57
		5.22
11.00	11.00	11.00
24.25	24.25	24.25
19.60	19.60	19.60
0.43	65.36	65.36
		72.60
		17.28
55.00	96.90	96.90
0.71	42.60	42.60
		8.86
27.80	27.80	27.80
7.25	7.25	7.25
		63.97
0.57	28.50	28.50
		63.97
20.00	20.00	20.00
		31.98
0.39	78.00	78.00
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	421.26	718.10
		12.90
		0.00
		731.00