

Table 5.A Estimated costs and returns per Acre  
Bt Corn for Grain, Strip Till  
2013 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
corn	bu.	6.50	225.0000	1462.50	_____
				-----	
TOTAL INCOME				1462.50	_____
DIRECT EXPENSES					
SEED					
seed - Bt corngr.	bags	265.00	0.3800	100.70	_____
INSECTICIDE					
miticide	acre	20.60	1.0000	20.60	_____
HERBICIDE					
burndown herb	acre	18.95	1.0000	18.95	_____
herb - corn pre	acre	16.87	1.0000	16.87	_____
herb -corn post	acre	15.25	1.0000	15.25	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.50	126.0000	63.00	_____
fert(P) - liquid	lb.	0.91	60.0000	54.60	_____
fert(N) - liquid	lb.	0.68	78.0000	53.04	_____
CUSTOM					
strip till	acre	20.00	1.0000	20.00	_____
fert appl - ANH3	acre	10.00	1.0000	10.00	_____
crop consultant	acre	7.00	1.0000	7.00	_____
harv & haul - corn	bu.	0.40	225.0000	90.00	_____
CROP INSURANCE					
corn - irrigated	acre	26.70	1.0000	26.70	_____
OPERATOR LABOR					
Tractors	hour	10.70	0.1527	1.63	_____
HAND LABOR					
Implements	hour	10.70	0.1527	1.63	_____
IRRIGATION LABOR					
Center Pivot	hour	10.70	1.2800	13.69	_____
DIESEL FUEL					
Tractors	gal	3.95	0.5894	2.32	_____
GASOLINE					
Self-Propelled Eq.	gal	3.52	2.0100	7.07	_____
NATURAL GAS					
Center Pivot	Mcf	4.40	20.0000	88.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.51	1.0000	2.51	_____
Tractors	Acre	1.42	1.0000	1.42	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
Center Pivot	ac-in	4.04	20.0000	80.80	_____
INTEREST ON OP. CAP.	Acre	11.61	1.0000	11.61	_____
				-----	
TOTAL DIRECT EXPENSES				707.59	_____
RETURNS ABOVE DIRECT EXPENSES				754.90	_____
FIXED EXPENSES					
Implements	Acre	4.08	1.0000	4.08	_____
Tractors	Acre	1.69	1.0000	1.69	_____
Self-Propelled Eq.	Acre	0.24	1.0000	0.24	_____
Center Pivot	Acre	35.56	1.0000	35.56	_____
				-----	
TOTAL FIXED EXPENSES				41.59	_____
				-----	
TOTAL SPECIFIED EXPENSES				749.18	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				713.31	_____
ALLOCATED COST ITEMS					
cash rent - corn	acre	140.00	1.0000	140.00	_____
RESIDUAL RETURNS				573.31	_____

Projections for Planning Purposes Only.

*Projections for Planning Purposes Only  
Not to be Used without Updating after January 1, 2013*

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Table 5.B Estimated resource use and costs for field operations, per Acre  
Bt Corn for Grain, Strip Till  
2013 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-----				
strip till	acre			1.00	Feb							1.0000	20.00	20.00	20.00	
fert appl - ANH3	acre			1.00	Mar							1.0000	10.00	10.00	10.00	
fert(N) - ANH3	lb.											126.0000	0.50	63.00	63.00	
burndown herb	acre											1.0000	18.95	18.95	18.95	
corn - irrigated	acre											1.0000	26.70	26.70	26.70	
planter		75		0.152	1.00	May	3.74	1.69	2.51	4.08	0.305	3.26			15.32	
seed - Bt corngr.	bags											0.3800	265.00	100.70	100.70	
crop consultant	acre											1.0000	7.00	7.00	7.00	
fert(P) - liquid	lb.											60.0000	0.91	54.60	54.60	
herb - corn pre	acre											1.0000	16.87	16.87	16.87	
Center Pivot	ac-in			2.00	May			25.32	35.56	0.192	2.05	3.0000			62.93	
Center Pivot	ac-in			4.00	Jun			50.64		0.384	4.10	6.0000			54.74	
fert(N) - liquid	lb.											78.0000	0.68	53.04	53.04	
herb -corn post	acre			1.00	Jun							1.0000	15.25	15.25	15.25	
Pickup Truck	3/4 ton			0.006	20.00	Jun			7.24	0.24					7.48	
Center Pivot	ac-in			4.00	Jul			33.76		0.256	2.73	4.0000			36.49	
miticide	acre			1.00	Aug							1.0000	20.60	20.60	20.60	
Center Pivot	ac-in			4.00	Aug			33.76		0.256	2.73	4.0000			36.49	
Center Pivot	ac-in			2.00	Sep			25.32		0.192	2.05	3.0000			27.37	
harv & haul - corn	bu.			1.00	Sep							225.0000	0.40	90.00	90.00	
TOTALS								3.74	1.69	178.55	39.89	1.585	16.96		496.71	737.57
INTEREST ON OPERATING CAPITAL																11.61
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																749.18

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