

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2012*

B-1241 (C1)

Table 4.A Estimated costs and returns per Acre
Bt Corn for Grain, Sprinkler Irrigated, (NG)
2012 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
corn	bu.	5.83	225.0000	1311.75	_____

TOTAL INCOME				1311.75	_____
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	16.02	1.0000	16.02	_____
herb -corn post	acre	14.48	1.0000	14.48	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.43	126.0000	54.18	_____
fert(P) - liquid	lb.	1.22	60.0000	73.20	_____
fert(N) - liquid	lb.	0.73	78.0000	56.94	_____
CUSTOM					
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					
Implements	hour	10.30	0.2925	3.01	_____
Tractors	hour	10.30	0.3965	4.08	_____
HAND LABOR					
Implements	hour	10.30	0.1527	1.57	_____
IRRIGATION LABOR					
Center Pivot	hour	10.30	1.4080	14.50	_____
DIESEL FUEL					
Tractors	gal	3.48	2.1861	7.60	_____
GASOLINE					
Self-Propelled Eq.	gal	3.32	2.0100	6.67	_____
NATURAL GAS					
Center Pivot	Mcf	4.21	22.0000	92.62	_____
REPAIR & MAINTENANCE					
Implements	Acre	5.61	1.0000	5.61	_____
Tractors	Acre	4.80	1.0000	4.80	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
Center Pivot	ac-in	4.04	22.0000	88.88	_____
INTEREST ON OP. CAP.	Acre	11.25	1.0000	11.25	_____

TOTAL DIRECT EXPENSES				706.21	_____
RETURNS ABOVE DIRECT EXPENSES				605.53	_____
FIXED EXPENSES					
Implements	Acre	8.87	1.0000	8.87	_____
Tractors	Acre	7.06	1.0000	7.06	_____
Self-Propelled Eq.	Acre	0.25	1.0000	0.25	_____
Center Pivot	Acre	35.56	1.0000	35.56	_____

TOTAL FIXED EXPENSES				51.75	_____

TOTAL SPECIFIED EXPENSES				757.97	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				553.77	_____
ALLOCATED COST ITEMS					
cash rent - corn	acre	110.00	1.0000	110.00	_____
RESIDUAL RETURNS				443.77	_____

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Table 4.B Estimated resource use and costs for field operations, per Acre
Bt Corn for Grain, Sprinkler Irrigated, (NG)
2012 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-----				
chisel		125	0.099	1.00	Feb	3.90	2.47	0.69	1.15	0.219	2.25					10.48
disc	offset	100	0.078	1.00	Mar	2.53	1.64	1.54	2.25	0.173	1.78					9.76
fert appl - ANH3	acre			1.00	Mar							1.0000	10.00	10.00		10.00
fert(N) - ANH3	lb.											126.0000	0.43	54.18		54.18
corn - irrigated	acre											1.0000	26.70	26.70		26.70
sweep plow		150	0.065	1.00	Apr	2.50	1.16	0.85	1.25	0.143	1.48					7.26
planter		75	0.152	1.00	May	3.47	1.77	2.51	4.21	0.305	3.14					15.12
seed - Bt corngr.	bags											0.3800	255.00	96.90		96.90
crop consultant	acre											1.0000	7.00	7.00		7.00
herb - corn pre	acre											1.0000	16.02	16.02		16.02
fert(P) - liquid	lb.											60.0000	1.22	73.20		73.20
Center Pivot	ac-in			2.00	May			24.75	35.56	0.192	1.97	3.0000				62.28
herb -corn post	acre			1.00	May							1.0000	14.48	14.48		14.48
Center Pivot	ac-in			4.00	Jun			49.50		0.384	3.95	6.0000				53.45
fert(N) - liquid	lb.											78.0000	0.73	56.94		56.94
Pickup Truck	3/4 ton		0.006	20.00	Jun			6.83	0.25							7.09
Center Pivot	ac-in			4.00	Jul			49.50		0.384	3.95	6.0000				53.45
miticide	acre			1.00	Aug							1.0000	20.00	20.00		20.00
Center Pivot	ac-in			1.00	Aug			16.50		0.128	1.31	2.0000				17.81
Center Pivot	ac-in			1.00	Aug			8.25		0.064	0.65	1.0000				8.90
Center Pivot	ac-in			1.00	Aug			16.50		0.128	1.31	2.0000				17.81
Center Pivot	ac-in			2.00	Sep			16.50		0.128	1.31	2.0000				17.81
harv & haul - corn	bu.			1.00	Sep							225.0000	0.40	90.00		90.00
TOTALS						12.41	7.06	193.94	44.69	2.249	23.17			465.42		746.71
INTEREST ON OPERATING CAPITAL																11.25
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																757.97

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