

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

B-1241 (C1)

Table 4.A Estimated costs and returns per Acre
Bt Corn for Grain, Sprinkler Irrigated, (NG)
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					
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					
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	10.70	0.2925	3.13	_____
Tractors	hour	10.70	0.3965	4.24	_____
HAND LABOR					
Implements	hour	10.70	0.1527	1.63	_____
IRRIGATION LABOR					
Center Pivot	hour	10.70	1.4080	15.06	_____
DIESEL FUEL					
Tractors	gal	3.95	2.1861	8.63	_____
GASOLINE					
Self-Propelled Eq.	gal	3.52	2.0100	7.07	_____
NATURAL GAS					
Center Pivot	Mcf	4.40	22.0000	96.80	_____
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	11.28	1.0000	11.28	_____

TOTAL DIRECT EXPENSES				705.09	_____
RETURNS ABOVE DIRECT EXPENSES				757.40	_____
FIXED EXPENSES					
Implements	Acre	8.61	1.0000	8.61	_____
Tractors	Acre	6.75	1.0000	6.75	_____
Self-Propelled Eq.	Acre	0.24	1.0000	0.24	_____
Center Pivot	Acre	35.56	1.0000	35.56	_____

TOTAL FIXED EXPENSES				51.17	_____

TOTAL SPECIFIED EXPENSES				756.26	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				706.23	_____
ALLOCATED COST ITEMS					
cash rent - corn	acre	140.00	1.0000	140.00	_____
RESIDUAL RETURNS				566.23	_____

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Table 4.B Estimated resource use and costs for field operations, per Acre
Bt Corn for Grain, Sprinkler Irrigated, (NG)
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-----			
chisel		125	0.099	1.00	Feb	4.21	2.36	0.69	1.12	0.219	2.34				10.74
disc	offset	100	0.078	1.00	Mar	2.73	1.57	1.54	2.18	0.173	1.85				9.89
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
corn - irrigated	acre											1.0000	26.70	26.70	26.70
sweep plow		150	0.065	1.00	Apr	2.74	1.11	0.85	1.21	0.143	1.53				7.46
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
herb - corn pre	acre											1.0000	16.87	16.87	16.87
fert(P) - liquid	lb.											60.0000	0.91	54.60	54.60
Center Pivot	ac-in			2.00	May			25.32	35.56	0.192	2.05	3.0000			62.93
herb -corn post	acre			1.00	May							1.0000	15.25	15.25	15.25
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
Pickup Truck	3/4 ton		0.006	20.00	Jun			7.24	0.24						7.48
Center Pivot	ac-in			4.00	Jul			50.64		0.384	4.10	6.0000			54.74
miticide	acre			1.00	Aug							1.0000	20.60	20.60	20.60
Center Pivot	ac-in			1.00	Aug			16.88		0.128	1.36	2.0000			18.24
Center Pivot	ac-in			1.00	Aug			8.44		0.064	0.68	1.0000			9.12
Center Pivot	ac-in			1.00	Aug			16.88		0.128	1.36	2.0000			18.24
Center Pivot	ac-in			2.00	Sep			16.88		0.128	1.36	2.0000			18.24
harv & haul - corn	bu.			1.00	Sep							225.0000	0.40	90.00	90.00
TOTALS						13.44	6.75	198.53	44.41	2.249	24.07			457.76	744.97
INTEREST ON OPERATING CAPITAL															11.28
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															756.26

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