

*Projections for Planning Purposes Only*  
*Not to be Used without Updating after October 15, 2003*

Table 4.A Estimated costs and returns per Acre  
 Bt Corn for Grain, Sprinkler Irrigated, (Natural Gas)  
 2004 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
corn	bu.	2.55	200.0000	510.00	_____
				-----	
<b>TOTAL INCOME</b>				510.00	_____
<b>DIRECT EXPENSES</b>					
<b>SEED</b>					
seed - corngr.	bags	117.50	0.3500	41.12	_____
<b>INSECTICIDE</b>					
rootworm ins&appl	appl	14.65	1.0000	14.65	_____
miticide	acre	23.50	1.0000	23.50	_____
<b>HERBICIDE</b>					
herb+appl -corn post	acre	19.30	1.0000	19.30	_____
herb+appl - corn pre	acre	17.30	1.0000	17.30	_____
<b>FERTILIZER</b>					
fert(N) - ANH3	lb.	0.17	200.0000	34.80	_____
fert(P) - dry	lb.	0.23	60.0000	14.34	_____
fert(N) - liquid	lb.	0.27	75.0000	20.47	_____
<b>CUSTOM</b>					
fert appl - ANH3	acre	6.60	1.0000	6.60	_____
fert appl - dry	acre	3.30	1.0000	3.30	_____
drying - custom	bu.	0.12	200.0000	24.00	_____
harv & haul - corn	bu.	0.31	200.0000	62.00	_____
<b>OPERATOR LABOR</b>					
Implements	hour	8.00	0.5596	4.47	_____
Tractors	hour	8.00	0.6191	4.95	_____
<b>HAND LABOR</b>					
Implements	hour	8.00	0.1527	1.22	_____
<b>IRRIGATION LABOR</b>					
irrig.-CP(nat. gas)	hour	8.00	1.2800	10.24	_____
<b>DIESEL FUEL</b>					
Tractors	gal	1.06	2.6435	2.80	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	1.47	2.0100	2.95	_____
<b>NATURAL GAS</b>					
irrig.-CP(nat. gas)	Mcf	5.35	20.0000	107.00	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	Acre	7.34	1.0000	7.34	_____
Tractors	Acre	6.47	1.0000	6.47	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
irrig.-CP(nat. gas)	ac-in	2.03	20.0000	40.60	_____
<b>INTEREST ON OP. CAP.</b>	Acre	9.37	1.0000	9.37	_____
				-----	
<b>TOTAL DIRECT EXPENSES</b>				478.99	_____
<b>RETURNS ABOVE DIRECT EXPENSES</b>				31.00	_____
<b>FIXED EXPENSES</b>					
Implements	Acre	12.60	1.0000	12.60	_____
Tractors	Acre	9.23	1.0000	9.23	_____
Self-Propelled Eq.	Acre	0.25	1.0000	0.25	_____
irrig.-CP(nat. gas)	Acre	33.60	1.0000	33.60	_____
				-----	
<b>TOTAL FIXED EXPENSES</b>				55.69	_____
				-----	
<b>TOTAL SPECIFIED EXPENSES</b>				534.68	_____
<b>RETURNS ABOVE TOTAL SPECIFIED EXPENSES</b>				-24.68	_____
<b>ALLOCATED COST ITEMS</b>					
cash rent - corn	acre	75.00	1.0000	75.00	_____
<b>RESIDUAL RETURNS</b>				-99.68	_____

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Table 4.B Estimated resource use and costs for field operations, per Acre  
 Bt Corn for Grain, Sprinkler Irrigated, (Natural Gas)  
 2004 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-----		
herb+appl -corn post	acre			1.00	May							1.0000	19.30	19.30	19.30	
shredder	4 row	40	0.209	1.00	Jan	1.93	1.70	0.80	2.36	0.460	3.68				10.50	
disc	offset	100	0.078	1.00	Feb	1.50	1.64	1.54	2.25	0.173	1.38				8.33	
chisel		125	0.099	1.00	Feb	2.29	2.47	0.69	1.15	0.219	1.75				8.36	
irrig.-CP(nat. gas)	ac-in			1.00	Mar			14.76	33.60	0.128	1.02	2.0000			49.38	
herb+appl - corn pre	acre			1.00	Apr							1.0000	17.30	17.30	17.30	
fert appl - ANH3	acre			1.00	Apr							1.0000	6.60	6.60	6.60	
fert(N) - ANH3	lb.											200.0000	0.17	34.80	34.80	
fert(P) - dry	lb.											60.0000	0.23	14.34	14.34	
fert appl - dry	acre											1.0000	3.30	3.30	3.30	
fert(N) - liquid	lb.											75.0000	0.27	20.47	20.47	
rootworm ins&appl	appl			1.00	Apr							1.0000	14.65	14.65	14.65	
planter	bed	75	0.152	1.00	May	2.04	1.77	2.51	4.21	0.305	2.44				12.99	
seed - corngr.	bags											0.3500	117.50	41.12	41.12	
irrig.-CP(nat. gas)	ac-in			1.00	May			14.76		0.128	1.02	2.0000			15.78	
cultivator	12 row	100	0.078	1.00	May	1.49	1.63	1.78	2.60	0.172	1.38				8.90	
irrig.-CP(nat. gas)	ac-in			1.00	Jun			29.52		0.256	2.04	4.0000			31.56	
Pickup Truck	3/4 ton		0.006	20.00	Jun			3.11	0.25						3.37	
irrig.-CP(nat. gas)	ac-in			1.00	Jul			29.52		0.256	2.04	4.0000			31.56	
irrig.-CP(nat. gas)	ac-in			1.00	Jul			29.52		0.256	2.04	4.0000			31.56	
miticide	acre			1.00	Aug							1.0000	23.50	23.50	23.50	
irrig.-CP(nat. gas)	ac-in			1.00	Aug			29.52		0.256	2.04	4.0000			31.56	
drying - custom	bu.			1.00	Sep							200.0000	0.12	24.00	24.00	
harv & haul - corn	bu.											200.0000	0.31	62.00	62.00	
TOTALS						9.27	9.23	158.06	46.45	2.611	20.89			281.39	525.31	
INTEREST ON OPERATING CAPITAL															9.37	
UNALLOCATED LABOR															0.00	
TOTAL SPECIFIED COST															534.68	

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