

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

B-1241 (C1&2)

Table 3.A Estimated costs and returns per Acre  
Bt Corn for Grain, Furrow Irrigated, (Natural Gas)  
2003 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
corn	bu.	2.55	200.0000	510.00	_____
TOTAL INCOME				510.00	_____
DIRECT EXPENSES					
SEED					
seed - corngr.	bags	99.00	0.3500	34.65	_____
INSECTICIDE					
rootworm ins&appl	appl	14.65	1.0000	14.65	_____
miticide	acre	23.50	1.0000	23.50	_____
HERBICIDE					
herb+appl - corn pre	acre	17.30	1.0000	17.30	_____
herb+appl -corn post	acre	19.30	1.0000	19.30	_____
herb. - corn	acre	22.30	1.0000	22.30	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.10	200.0000	20.80	_____
fert(P) - dry	lb.	0.22	60.0000	13.50	_____
fert(N) - liquid	lb.	0.22	75.0000	17.10	_____
CUSTOM					
fert appl - ANH3	acre	6.60	1.0000	6.60	_____
fert appl - dry	acre	3.30	1.0000	3.30	_____
harv & haul - corn	bu.	0.31	200.0000	62.00	_____
drying - custom	bu.	0.12	200.0000	24.00	_____
OPERATOR LABOR					
Implements	hour	8.00	0.8869	7.09	_____
Tractors	hour	8.00	0.8918	7.13	_____
HAND LABOR					
Implements	hour	8.00	0.1527	1.22	_____
IRRIGATION LABOR					
irrigation - nat.gas	hour	8.00	3.6530	29.22	_____
DIESEL FUEL					
Tractors	gal	1.06	4.4840	4.75	_____
GASOLINE					
Self-Propelled Eq.	gal	1.45	3.0150	4.37	_____
NATURAL GAS					
irrigation - nat.gas	Mcf	3.92	26.0000	101.92	_____
REPAIR & MAINTENANCE					
Implements	Acre	10.42	1.0000	10.42	_____
Tractors	Acre	10.61	1.0000	10.61	_____
Self-Propelled Eq.	Acre	0.24	1.0000	0.24	_____
irrigation - nat.gas	ac-in	1.80	26.0000	46.80	_____
INTEREST ON OP. CAP.	Acre	12.99	1.0000	12.99	_____
TOTAL DIRECT EXPENSES				515.80	_____
RETURNS ABOVE DIRECT EXPENSES				-5.80	_____
FIXED EXPENSES					
Implements	Acre	17.92	1.0000	17.92	_____
Tractors	Acre	16.93	1.0000	16.93	_____
Self-Propelled Eq.	Acre	0.40	1.0000	0.40	_____
irrigation - nat.gas	Acre	24.62	1.0000	24.62	_____
TOTAL FIXED EXPENSES				59.88	_____
TOTAL SPECIFIED EXPENSES				575.68	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-65.68	_____
ALLOCATED COST ITEMS					
cash rent - corn	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-140.68	_____

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Table 3.B Estimated resource use and costs for field operations, per Acre  
Bt Corn for Grain, Furrow Irrigated, (Natural Gas)  
2003 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-----				
shredder	4 row	40	0.209	1.00	Nov	1.93	1.78	0.80	2.44	0.460	3.68					10.66
disc	offset	100	0.078	1.00	Nov	1.50	1.72	1.54	2.33	0.173	1.38					8.48
chisel		125	0.099	1.00	Dec	2.29	2.59	0.69	1.19	0.219	1.75					8.52
disc	tandem	100	0.138	1.00	Feb	2.63	3.01	1.52	2.30	0.303	2.42					11.90
bedder		150	0.057	1.00	Mar	1.12	1.07	0.44	0.66	0.125	1.00					4.30
fert appl - ANH3	acre			1.00	Mar							1.0000	6.60	6.60		6.60
fert appl - dry	acre											1.0000	3.30	3.30		3.30
herb+appl - corn pre	acre											1.0000	17.30	17.30		17.30
fert(N) - ANH3	lb.											200.0000	0.10	20.80		20.80
fert(P) - dry	lb.											60.0000	0.22	13.50		13.50
irrigation - nat.gas	ac-in			1.00	Mar			45.76	24.62	1.124	8.99	8.0000				79.37
rod weeder	8 row	100	0.077	1.00	Apr	1.47	1.69	1.11	1.92	0.170	1.36					7.57
fert(N) - liquid	lb.			1.00	Apr							75.0000	0.22	17.10		17.10
rootworm ins&appl	appl			1.00	Apr							1.0000	14.65	14.65		14.65
planter	bed	100	0.152	1.00	Apr	2.91	3.33	2.51	4.35	0.305	2.44					15.56
seed - corngr.	bags											0.3500	99.00	34.65		34.65
Pickup Truck	3/4 ton		0.006	30.00	Apr			4.61	0.40							5.02
cultivator	12 row	100	0.078	1.00	May	1.49	1.71	1.78	2.69	0.172	1.38					9.07
herb+appl -corn post	acre											1.0000	19.30	19.30		19.30
herb. - corn	acre			1.00	May							1.0000	22.30	22.30		22.30
irrigation - nat.gas	ac-in			1.00	Jun			34.32		0.843	6.74	6.0000				41.06
irrigation - nat.gas	ac-in			1.00	Jul			34.32		0.843	6.74	6.0000				41.06
miticide	acre			1.00	Aug							1.0000	23.50	23.50		23.50
irrigation - nat.gas	ac-in			1.00	Aug			34.32		0.843	6.74	6.0000				41.06
harv & haul - corn	bu.			1.00	Sep							200.0000	0.31	62.00		62.00
drying - custom	bu.											200.0000	0.12	24.00		24.00
TOTALS						15.37	16.93	163.76	42.94	5.584	44.67			279.00		562.69
INTEREST ON OPERATING CAPITAL																12.99
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																575.68

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