

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

B-1241 (C1&2)

Table 4.A Estimated costs and returns per Acre
Bt Corn for Grain, Sprinkler 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	_____
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	_____
drying - custom	bu.	0.12	200.0000	24.00	_____
harv & haul - corn	bu.	0.31	200.0000	62.00	_____
OPERATOR LABOR					
Implements	hour	8.00	0.5596	4.47	_____
Tractors	hour	8.00	0.6191	4.95	_____
HAND LABOR					
Implements	hour	8.00	0.1527	1.22	_____
IRRIGATION LABOR					
irrig.-CP(nat. gas)	hour	8.00	1.2800	10.24	_____
DIESEL FUEL					
Tractors	gal	1.06	2.6435	2.80	_____
GASOLINE					
Self-Propelled Eq.	gal	1.45	2.0100	2.91	_____
NATURAL GAS					
irrig.-CP(nat. gas)	Mcf	3.92	20.0000	78.40	_____
REPAIR & MAINTENANCE					
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	_____
INTEREST ON OP. CAP.	Acre	9.27	1.0000	9.27	_____

TOTAL DIRECT EXPENSES				425.56	_____
RETURNS ABOVE DIRECT EXPENSES				84.43	_____
FIXED EXPENSES					
Implements	Acre	13.02	1.0000	13.02	_____
Tractors	Acre	9.68	1.0000	9.68	_____
Self-Propelled Eq.	Acre	0.26	1.0000	0.26	_____
irrig.-CP(nat. gas)	Acre	33.60	1.0000	33.60	_____

TOTAL FIXED EXPENSES				56.57	_____

TOTAL SPECIFIED EXPENSES				482.13	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				27.86	_____
ALLOCATED COST ITEMS					
cash rent - corn	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-47.13	_____

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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)
2003 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-----			
shredder	4 row	40	0.209	1.00	Jan	1.93	1.78	0.80	2.44	0.460	3.68				10.66
disc	offset	100	0.078	1.00	Feb	1.50	1.72	1.54	2.33	0.173	1.38				8.48
chisel		125	0.099	1.00	Feb	2.29	2.59	0.69	1.19	0.219	1.75				8.52
irrig.-CP(nat. gas)	ac-in			1.00	Mar			11.90	33.60	0.128	1.02	2.0000			46.52
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	0.10	20.80	20.80
fert(P) - dry	lb.											60.0000	0.22	13.50	13.50
fert appl - dry	acre											1.0000	3.30	3.30	3.30
fert(N) - liquid	lb.											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	75	0.152	1.00	May	2.04	1.86	2.51	4.35	0.305	2.44				13.22
seed - corngr.	bags											0.3500	99.00	34.65	34.65
herb+appl -corn post	acre			1.00	May							1.0000	19.30	19.30	19.30
irrig.-CP(nat. gas)	ac-in			1.00	May			11.90		0.128	1.02	2.0000			12.92
cultivator	12 row	100	0.078	1.00	May	1.49	1.71	1.78	2.69	0.172	1.38				9.07
irrig.-CP(nat. gas)	ac-in			1.00	Jun			23.80		0.256	2.04	4.0000			25.84
Pickup Truck	3/4 ton		0.006	20.00	Jun			3.07	0.26						3.34
irrig.-CP(nat. gas)	ac-in			1.00	Jul			23.80		0.256	2.04	4.0000			25.84
irrig.-CP(nat. gas)	ac-in			1.00	Jul			23.80		0.256	2.04	4.0000			25.84
miticide	acre			1.00	Aug							1.0000	23.50	23.50	23.50
irrig.-CP(nat. gas)	ac-in			1.00	Aug			23.80		0.256	2.04	4.0000			25.84
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	9.68	129.42	46.89	2.611	20.89			256.70	472.86
INTEREST ON OPERATING CAPITAL															9.27
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															482.13

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