

Table 4.A Estimated costs and returns per Acre
 Bt Corn for Grain, Sprinkler Irrigated, (Natural Gas)
 2002 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
corn	bu.	2.50	200.0000	500.00	_____
TOTAL INCOME				500.00	_____
DIRECT EXPENSES					
SEED					
seed - corngr.	bags	102.00	0.3500	35.70	_____
INSECTICIDE					
rootworm ins&appl	appl	14.65	1.0000	14.65	_____
miticide	acre	23.50	1.0000	23.50	_____
HERBICIDE					
herb. - corn	acre	22.30	1.0000	22.30	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.12	200.0000	24.00	_____
fert(P) - dry	lb.	0.21	60.0000	12.60	_____
fert(N) - liquid	lb.	0.25	75.0000	18.97	_____
CUSTOM					
herb+appl - corn	acre	12.00	1.0000	12.00	_____
fert appl - ANH3	acre	6.00	1.0000	6.00	_____
fert appl - dry	acre	3.00	1.0000	3.00	_____
drying - custom	bu.	0.12	200.0000	24.00	_____
harv & haul - corn	bu.	0.28	200.0000	56.00	_____
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	0.82	2.6435	2.16	_____
GASOLINE					
Self-Propelled Eq.	gal	1.13	2.0100	2.27	_____
NATURAL GAS					
irrig.-CP(nat. gas)	Mcf	3.44	20.0000	68.80	_____
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	10.10	1.0000	10.10	_____
TOTAL DIRECT EXPENSES				411.53	_____
RETURNS ABOVE DIRECT EXPENSES				88.46	_____
FIXED EXPENSES					
Implements	acre	13.43	1.0000	13.43	_____
Tractors	acre	10.11	1.0000	10.11	_____
Self-Propelled Eq.	acre	0.27	1.0000	0.27	_____
irrig.-CP(nat. gas)	acre	33.60	1.0000	33.60	_____
TOTAL FIXED EXPENSES				57.42	_____
TOTAL SPECIFIED EXPENSES				468.96	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				31.03	_____
ALLOCATED COST ITEMS					
cash rent - corn	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-43.96	_____

Projections for Planning Purposes Only.

Table 4.B Estimated resource use and costs for field operations, per Acre
 Corn for Grain, Sprinkler Irrigated, (Natural Gas)
 2002 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	1.80	1.86	0.80	2.52	0.460	3.68				10.68
disc	offset	100	0.078	1.00	Feb	1.40	1.79	1.54	2.40	0.173	1.38				8.53
chisel		125	0.099	1.00	Feb	2.13	2.70	0.69	1.23	0.219	1.75				8.52
irrig.-CP(nat. gas)	acin			1.00	Mar			10.94	33.60	0.128	1.02	2.0000			45.56
herb+appl - corn	acre			1.00	Apr							1.0000	12.00	12.00	12.00
fert appl - ANH3	acre			1.00	Apr							1.0000	6.00	6.00	6.00
fert(N) - ANH3	lb.											200.0000	0.12	24.00	24.00
fert(P) - dry	lb.											60.0000	0.21	12.60	12.60
fert appl - dry	acre											1.0000	3.00	3.00	3.00
fert(N) - liquid	lb.											75.0000	0.25	18.97	18.97
rootworm ins&appl	appl			1.00	Apr							1.0000	14.65	14.65	14.65
planter	bed	75	0.152	1.00	May	1.90	1.94	2.51	4.49	0.305	2.44				13.30
seed - corngr.	bags											0.3500	102.00	35.70	35.70
irrig.-CP(nat. gas)	acin			1.00	May			10.94		0.128	1.02	2.0000			11.96
herb. - corn	acre			1.00	May							1.0000	22.30	22.30	22.30
cultivator	12 row	100	0.078	1.00	May	1.39	1.79	1.78	2.77	0.172	1.38				9.13
irrig.-CP(nat. gas)	acin			1.00	Jun			21.88		0.256	2.04	4.0000			23.92
Pickup Truck	3/4 ton		0.006	20.00	Jun			2.43	0.27						2.71
irrig.-CP(nat. gas)	acin			1.00	Jul			21.88		0.256	2.04	4.0000			23.92
irrig.-CP(nat. gas)	acin			1.00	Jul			21.88		0.256	2.04	4.0000			23.92
miticide	acre			1.00	Aug							1.0000	23.50	23.50	23.50
irrig.-CP(nat. gas)	acin			1.00	Aug			21.88		0.256	2.04	4.0000			23.92
drying - custom	bu.			1.00	Sep							200.0000	0.12	24.00	24.00
harv & haul - corn	bu.											200.0000	0.28	56.00	56.00
TOTALS						8.63	10.11	119.18	47.31	2.611	20.89			252.72	458.85
INTEREST ON OPERATING CAPITAL															10.10
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															468.96

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