

Table 5.A Estimated costs and returns per Acre
Corn Silage, Sprinkler Irrigated, (Natural Gas)
2003 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
corn silage	ton	25.00	27.0000	675.00	_____

TOTAL INCOME				675.00	_____
DIRECT EXPENSES					
SEED					
seed - corn silage	bags	95.00	0.4000	38.00	_____
HERBICIDE					
herb+appl - corn pre acre		17.30	1.0000	17.30	_____
FERTILIZER					
fert (P) - dry	lb.	0.22	60.0000	13.50	_____
fert (N) - ANH3	lb.	0.10	200.0000	20.80	_____
fert (N) - liquid	lb.	0.22	75.0000	17.10	_____
CUSTOM					
fert appl - ANH3	acre	6.60	1.0000	6.60	_____
fert application	acre	3.30	1.0000	3.30	_____
inse + appl - corn	appl	22.73	1.0000	22.73	_____
harv & haul - cornsi	ton	4.66	27.0000	125.82	_____
OPERATOR LABOR					
Implements	hour	8.00	1.0664	8.53	_____
Tractors	hour	8.00	1.1991	9.59	_____
HAND LABOR					
Implements	hour	8.00	0.3104	2.48	_____
IRRIGATION LABOR					
irrig.-CP (nat. gas)	hour	8.00	1.1520	9.21	_____
DIESEL FUEL					
Tractors	gal	1.06	5.7755	6.12	_____
GASOLINE					
Self-Propelled Eq.	gal	1.45	3.0150	4.37	_____
NATURAL GAS					
irrig.-CP (nat. gas)	Mcf	3.92	18.0000	70.56	_____
REPAIR & MAINTENANCE					
Implements	Acre	12.64	1.0000	12.64	_____
Tractors	Acre	14.21	1.0000	14.21	_____
Self-Propelled Eq.	Acre	0.24	1.0000	0.24	_____
irrig.-CP (nat. gas)	ac-in	2.03	18.0000	36.54	_____
INTEREST ON OP. CAP.	Acre	10.18	1.0000	10.18	_____
TOTAL DIRECT EXPENSES				449.85	_____
RETURNS ABOVE DIRECT EXPENSES				225.14	_____
FIXED EXPENSES					
Implements	Acre	20.76	1.0000	20.76	_____
Tractors	Acre	22.35	1.0000	22.35	_____
Self-Propelled Eq.	Acre	0.40	1.0000	0.40	_____
irrig.-CP (nat. gas)	Acre	33.60	1.0000	33.60	_____
TOTAL FIXED EXPENSES				77.12	_____
TOTAL SPECIFIED EXPENSES				526.97	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				148.02	_____
ALLOCATED COST ITEMS					
cash rent - corn	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				73.02	_____

Projections for Planning Purposes Only.

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Not to be Used without Updating after February 15, 2003

B-1241 (C1&2)

Table 5.B Estimated resource use and costs for field operations, per Acre
 Corn Silage, 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	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
sprayer	mounted	100	0.157	1.00	Feb	3.00	3.44	1.68	2.04	0.315	2.52				12.71
disc	tandem	100	0.138	1.00	Feb	2.63	3.01	1.52	2.30	0.303	2.42				11.90
herb+appl - corn pre acre												1.0000	17.30	17.30	17.30
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(P) - dry	lb.			1.00	Apr							60.0000	0.22	13.50	13.50
fert(N) - ANH3	lb.											200.0000	0.10	20.80	20.80
fert appl - ANH3	acre											1.0000	6.60	6.60	6.60
fert(N) - liquid	lb.											75.0000	0.22	17.10	17.10
fert application	acre											1.0000	3.30	3.30	3.30
planter	bed	75	0.152	1.00	Apr	2.04	1.86	2.51	4.35	0.305	2.44				13.22
irrig.-CP(nat. gas)	ac-in							17.85	33.60	0.192	1.53	3.0000			52.98
seed - corn silage	bags											0.4000	95.00	38.00	38.00
Pickup Truck	3/4 ton		0.006	30.00	Apr			4.61	0.40						5.02
cultivator	rolling	100	0.147	1.00	May	2.80	3.21	1.22	1.85	0.324	2.59				11.69
irrig.-CP(nat. gas)	ac-in							11.90		0.128	1.02	2.0000			12.92
irrig.-CP(nat. gas)	ac-in			1.00	Jun			17.85		0.192	1.53	3.0000			19.38
irrig.-CP(nat. gas)	ac-in			1.00	Jul			17.85		0.192	1.53	3.0000			19.38
irrig.-CP(nat. gas)	ac-in			1.00	Jul			17.85		0.192	1.53	3.0000			19.38
irrig.-CP(nat. gas)	ac-in			1.00	Aug			23.80		0.256	2.04	4.0000			25.84
inse + appl - corn	appl											1.0000	22.73	22.73	22.73
harv & haul - cornsi	ton			1.00	Sep							27.0000	4.66	125.82	125.82
TOTALS						20.33	22.35	124.36	54.76	3.727	29.82			265.15	516.79
INTEREST ON OPERATING CAPITAL															10.18
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															526.97

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