

Table 5.A Estimated costs and returns per Acre
 Corn Silage, Sprinkler Irrigated, (Natural Gas)
 2002 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
corn silage	ton	23.33	27.0000	629.91	_____

TOTAL INCOME				629.91	_____
DIRECT EXPENSES					
SEED					
seed - corn silage	bags	87.00	0.4000	34.80	_____
HERBICIDE					
herb. - corn	acre	22.30	1.0000	22.30	_____
FERTILIZER					
fert(P) - dry	lb.	0.21	60.0000	12.60	_____
fert(N) - ANH3	lb.	0.12	200.0000	24.00	_____
fert(N) - liquid	lb.	0.25	75.0000	18.97	_____
CUSTOM					
fert appl - ANH3	acre	6.00	1.0000	6.00	_____
fert application	acre	3.00	1.0000	3.00	_____
inse + appl - corn	appl	22.73	1.0000	22.73	_____
harv & haul - cornsi	ton	4.25	27.0000	114.75	_____
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	0.82	5.7755	4.73	_____
GASOLINE					
Self-Propelled Eq.	gal	1.13	3.0150	3.40	_____
NATURAL GAS					
irrig.-CP(nat. gas)	Mcf	3.44	18.0000	61.92	_____
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	11.24	1.0000	11.24	_____

TOTAL DIRECT EXPENSES				433.93	_____
RETURNS ABOVE DIRECT EXPENSES				195.97	_____
FIXED EXPENSES					
Implements	acre	21.41	1.0000	21.41	_____
Tractors	acre	23.34	1.0000	23.34	_____
Self-Propelled Eq.	acre	0.41	1.0000	0.41	_____
irrig.-CP(nat. gas)	acre	33.60	1.0000	33.60	_____

TOTAL FIXED EXPENSES				78.78	_____

TOTAL SPECIFIED EXPENSES				512.71	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				117.19	_____
ALLOCATED COST ITEMS					
cash rent - corn	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				42.19	_____

Projections for Planning Purposes Only.

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 Not to be Used without Updating after December 15, 2001

B-1241 (C1&2)

Table 5.B Estimated resource use and costs for field operations, per Acre
 Corn Silage, 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	Nov	1.80	1.86	0.80	2.52	0.460	3.68					10.68
disc	offset	100	0.078	1.00	Nov	1.40	1.79	1.54	2.40	0.173	1.38					8.53
chisel		125	0.099	1.00	Dec	2.13	2.70	0.69	1.23	0.219	1.75					8.52
disc	tandem	100	0.138	1.00	Feb	2.45	3.14	1.52	2.37	0.303	2.42					11.93
sprayer	mounted	100	0.157	1.00	Feb	2.80	3.59	1.68	2.10	0.315	2.52					12.72
disc	tandem	100	0.138	1.00	Feb	2.45	3.14	1.52	2.37	0.303	2.42					11.93
herb. - corn	acre											1.0000	22.30	22.30		22.30
rod weeder	8 row	100	0.077	1.00	Apr	1.37	1.76	1.11	1.98	0.170	1.36					7.61
fert(P) - dry	lb.			1.00	Apr							60.0000	0.21	12.60		12.60
fert(N) - ANH3	lb.											200.0000	0.12	24.00		24.00
fert appl - ANH3	acre											1.0000	6.00	6.00		6.00
fert(N) - liquid	lb.											75.0000	0.25	18.97		18.97
fert application	acre											1.0000	3.00	3.00		3.00
planter	bed	75	0.152	1.00	Apr	1.90	1.94	2.51	4.49	0.305	2.44					13.30
irrig.-CP(nat. gas)	acin							16.41	33.60	0.192	1.53	3.0000				51.54
seed - corn silage	bags											0.4000	87.00	34.80		34.80
Pickup Truck	3/4 ton		0.006	30.00	Apr			3.65	0.41							4.07
cultivator	rolling	100	0.147	1.00	May	2.61	3.36	1.22	1.90	0.324	2.59					11.70
irrig.-CP(nat. gas)	acin							10.94		0.128	1.02	2.0000				11.96
irrig.-CP(nat. gas)	acin			1.00	Jun			16.41		0.192	1.53	3.0000				17.94
irrig.-CP(nat. gas)	acin			1.00	Jul			16.41		0.192	1.53	3.0000				17.94
irrig.-CP(nat. gas)	acin			1.00	Jul			16.41		0.192	1.53	3.0000				17.94
irrig.-CP(nat. gas)	acin			1.00	Aug			21.88		0.256	2.04	4.0000				23.92
inse + appl - corn	appl											1.0000	22.73	22.73		22.73
harv & haul - cornsi	ton			1.00	Sep							27.0000	4.25	114.75		114.75
TOTALS						18.95	23.34	114.75	55.43	3.727	29.82			259.15		501.47
INTEREST ON OPERATING CAPITAL																11.24
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																512.71

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