

Table 6.A Estimated costs and returns per Acre  
Corn Silage, Bt, Sprinkler Irrigated, (NG)  
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
corn silage	ton	48.25	27.0000	1302.75	_____
				-----	
TOTAL INCOME				1302.75	_____
DIRECT EXPENSES					
SEED					
seed - corn silage	bags	255.00	0.4000	102.00	_____
INSECTICIDE					
miticide	acre	20.00	1.0000	20.00	_____
HERBICIDE					
herb - corn pre	acre	19.60	1.0000	19.60	_____
herb -corn post	acre	27.80	1.0000	27.80	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.43	126.0000	54.18	_____
fert(P) - liquid	lb.	0.71	60.0000	42.60	_____
fert(N) - liquid	lb.	0.57	78.0000	44.46	_____
CUSTOM					
fert appl - ANH3	acre	11.00	1.0000	11.00	_____
insec+appl - cornsi	appl	25.40	1.0000	25.40	_____
harv & haul - cornsi	ton	6.75	27.0000	182.25	_____
CROP INSURANCE					
corn sil - irrigated	acre	24.25	1.0000	24.25	_____
OPERATOR LABOR					
Implements	hour	10.30	0.4581	4.71	_____
Tractors	hour	10.30	0.5345	5.50	_____
HAND LABOR					
Implements	hour	10.30	0.1527	1.57	_____
IRRIGATION LABOR					
Center Pivot	hour	10.30	1.2800	13.18	_____
DIESEL FUEL					
Tractors	gal	2.65	2.9313	7.76	_____
GASOLINE					
Self-Propelled Eq.	gal	2.73	3.0150	8.23	_____
NATURAL GAS					
Center Pivot	Mcf	4.75	20.0000	95.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.13	1.0000	7.13	_____
Tractors	Acre	6.64	1.0000	6.64	_____
Self-Propelled Eq.	Acre	0.24	1.0000	0.24	_____
Center Pivot	ac-in	2.03	20.0000	40.60	_____
INTEREST ON OP. CAP.	Acre	12.49	1.0000	12.49	_____
				-----	
TOTAL DIRECT EXPENSES				756.64	_____
RETURNS ABOVE DIRECT EXPENSES				546.10	_____
FIXED EXPENSES					
Implements	Acre	11.11	1.0000	11.11	_____
Tractors	Acre	9.93	1.0000	9.93	_____
Self-Propelled Eq.	Acre	0.38	1.0000	0.38	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____
				-----	
TOTAL FIXED EXPENSES				55.03	_____
				-----	
TOTAL SPECIFIED EXPENSES				811.68	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				491.06	_____
ALLOCATED COST ITEMS					
cash rent - corn	acre	110.00	1.0000	110.00	_____
RESIDUAL RETURNS				381.06	_____

Projections for Planning Purposes Only.

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 Not to be Used without Updating after December 15, 2010

B-1241 (C1)

Table 6.B Estimated resource use and costs for field operations, per Acre  
 Corn Silage, Bt, Sprinkler Irrigated, (NG)  
 2011 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-----				
disc	offset	100	0.078	1.00	Nov	2.17	1.64	1.54	2.25	0.173	1.78					9.40
chisel		125	0.099	1.00	Dec	3.35	2.47	0.69	1.15	0.219	2.25					9.93
disc	tandem	100	0.138	1.00	Feb	3.81	2.87	1.52	2.23	0.303	3.12					13.57
sweep plow		150	0.065	1.00	Mar	2.08	1.16	0.85	1.25	0.143	1.48					6.84
herb - corn pre	acre			1.00	Mar							1.0000	19.60	19.60		19.60
fert(N) - ANH3	lb.											126.0000	0.43	54.18		54.18
fert appl - ANH3	acre											1.0000	11.00	11.00		11.00
corn sil - irrigated	acre			1.00	Mar							1.0000	24.25	24.25		24.25
planter		75	0.152	1.00	Apr	2.98	1.77	2.51	4.21	0.305	3.14					14.63
seed - corn silage	bags											0.4000	255.00	102.00		102.00
herb -corn post	acre											1.0000	27.80	27.80		27.80
fert(P) - liquid	lb.											60.0000	0.71	42.60		42.60
Pickup Truck	3/4 ton		0.006	30.00	Apr			8.47	0.38							8.86
Center Pivot	ac-in			2.00	May			27.12	33.60	0.256	2.63	4.0000				63.35
fert(N) - liquid	lb.											78.0000	0.57	44.46		44.46
Center Pivot	ac-in			2.00	Jun			27.12		0.256	2.63	4.0000				29.75
Center Pivot	ac-in			1.00	Jun			6.78		0.064	0.65	1.0000				7.43
miticide	acre											1.0000	20.00	20.00		20.00
Center Pivot	ac-in			4.00	Jul			33.90		0.320	3.29	5.0000				37.19
insec+appl - cornsi	appl			1.00	Aug							1.0000	25.40	25.40		25.40
Center Pivot	ac-in			2.00	Aug			27.12		0.256	2.63	4.0000				29.75
Center Pivot	ac-in			1.00	Aug			13.56		0.128	1.31	2.0000				14.87
harv & haul - cornsi	ton			1.00	Sep							27.0000	6.75	182.25		182.25
TOTALS						14.41	9.93	151.21	45.09	2.425	24.98			553.54		799.18
INTEREST ON OPERATING CAPITAL																12.49
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																811.68

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