

*Projections for Planning Purposes Only  
Not to be Used without Updating after January 1, 2011*

B-1241 (C2)

Table 4.A Estimated costs and returns per Acre  
Corn for Silage, Pivot Irrigated - Herbicide-tolerant, Insect Resistant  
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
corn silage	ton	50.00	24.0000	1200.00	_____
				-----	
TOTAL INCOME				1200.00	_____
DIRECT EXPENSES					
SEED					
seed - corn silage	bags	210.00	0.4000	84.00	_____
HERBICIDE					
herb+appl-cornsi pre	acre	21.12	1.0000	21.12	_____
FERTILIZER					
fert. (N)	lb.	0.50	180.0000	90.00	_____
fert. (P)	lb.	0.75	50.0000	37.50	_____
CUSTOM					
fert appl.	acre	4.50	1.0000	4.50	_____
insec+appl - cornsi	appl	22.73	1.0000	22.73	_____
harv & haul - cornsi	ton	7.00	24.0000	168.00	_____
OPERATOR LABOR					
Implements	hour	10.00	0.4581	4.58	_____
Tractors	hour	10.00	0.5345	5.34	_____
HAND LABOR					
Implements	hour	10.00	0.1527	1.52	_____
IRRIGATION LABOR					
Center Pivot	hour	10.00	1.2800	12.80	_____
DIESEL FUEL					
Tractors	gal	3.00	2.9313	8.79	_____
GASOLINE					
Self-Propelled Eq.	gal	3.00	3.0150	9.04	_____
IRRIGATION FUEL COST					
Center Pivot	ac-in	10.00	20.0000	200.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.13	1.0000	7.13	_____
Tractors	Acre	6.88	1.0000	6.88	_____
Self-Propelled Eq.	Acre	0.75	1.0000	0.75	_____
Center Pivot	ac-in	2.00	20.0000	40.00	_____
INTEREST ON OP. CAP.	Acre	14.56	1.0000	14.56	_____
				-----	
TOTAL DIRECT EXPENSES				739.27	_____
RETURNS ABOVE DIRECT EXPENSES				460.72	_____
FIXED EXPENSES					
Implements	Acre	11.56	1.0000	11.56	_____
Tractors	Acre	10.93	1.0000	10.93	_____
Self-Propelled Eq.	Acre	1.56	1.0000	1.56	_____
Center Pivot	Acre	40.00	1.0000	40.00	_____
				-----	
TOTAL FIXED EXPENSES				64.06	_____
				-----	
TOTAL SPECIFIED EXPENSES				803.34	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				396.65	_____
ALLOCATED COST ITEMS					
cash rent - corn	acre	100.00	1.0000	100.00	_____
RESIDUAL RETURNS				296.65	_____

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Table 4.B Estimated resource use and costs for field operations, per Acre  
 Corn for Silage, Pivot Irrigated - Herbicide-tolerant, Insect Resistant  
 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	2.40	1.87	1.54	2.34	0.173	1.73				9.90
chisel		125	0.099	1.00	Dec	3.64	2.72	0.69	1.20	0.219	2.19				10.45
disc	tandem	100	0.138	1.00	Feb	4.21	3.27	1.52	2.32	0.303	3.03				14.38
sweep plow		150	0.065	1.00	Apr	2.31	1.31	0.85	1.30	0.143	1.43				7.22
fert. (N)	lb.			1.00	Apr							130.0000	0.50	65.00	65.00
fert appl.	acre											1.0000	4.50	4.50	4.50
planter	bed	75	0.152	1.00	Apr	3.09	1.74	2.51	4.38	0.305	3.05				14.79
seed - corn silage	bags											0.4000	210.00	84.00	84.00
herb+appl-corns pre	acre											1.0000	21.12	21.12	21.12
fert. (P)	lb.											50.0000	0.75	37.50	37.50
Pickup Truck	3/4 ton		0.006	30.00	Apr			9.79	1.56						11.36
Center Pivot	ac-in			2.00	May			24.00	40.00	0.128	1.28	2.0000			65.28
fert. (N)	lb.											50.0000	0.50	25.00	25.00
Center Pivot	ac-in			2.00	Jun			48.00		0.256	2.56	4.0000			50.56
Center Pivot	ac-in			1.00	Jun			12.00		0.064	0.64	1.0000			12.64
Center Pivot	ac-in			4.00	Jul			84.00		0.448	4.48	7.0000			88.48
insec+appl - cornsi	appl			1.00	Aug							1.0000	22.73	22.73	22.73
Center Pivot	ac-in			2.00	Aug			48.00		0.256	2.56	4.0000			50.56
Center Pivot	ac-in			1.00	Aug			24.00		0.128	1.28	2.0000			25.28
harv & haul - cornsi	ton			1.00	Aug							24.0000	7.00	168.00	168.00
TOTALS						15.67	10.93	256.93	53.12	2.425	24.25			427.85	788.78
INTEREST ON OPERATING CAPITAL															14.56
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															803.34

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