

Table 3.A Estimated costs and returns per Acre  
Corn for Grain, Sprinkler Irrig.  
2009 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
corn	bu.	4.50	180.0000	810.00	_____
				-----	
TOTAL INCOME				810.00	_____
DIRECT EXPENSES					
SEED					
seed - stacked gene	bags	210.00	0.3500	73.50	_____
INSECTICIDE					
miticide	acre	25.00	1.0000	25.00	_____
HERBICIDE					
herb - corn pre	acre	17.50	1.0000	17.50	_____
herb -corn post	acre	24.85	1.0000	24.85	_____
FERTILIZER					
fert. (N)	lb.	0.50	180.0000	90.00	_____
fert. (P)	lb.	0.50	50.0000	25.00	_____
CUSTOM					
fert appl.	acre	4.50	1.0000	4.50	_____
crop consultant	acre	6.00	1.0000	6.00	_____
harv & haul - corn	bu.	0.42	180.0000	75.60	_____
CROP INSURANCE					
corn -CP	acre	15.00	1.0000	15.00	_____
OPERATOR LABOR					
Implements	hour	10.00	0.2925	2.92	_____
Tractors	hour	10.00	0.3965	3.96	_____
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	2.25	2.1861	4.91	_____
GASOLINE					
Self-Propelled Eq.	gal	2.00	2.0100	4.02	_____
IRRIGATION FUEL COST					
Center Pivot	ac-in	12.00	20.0000	240.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	5.61	1.0000	5.61	_____
Tractors	Acre	4.90	1.0000	4.90	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
Center Pivot	ac-in	2.03	20.0000	40.60	_____
INTEREST ON OP. CAP.	Acre	13.44	1.0000	13.44	_____
				-----	
TOTAL DIRECT EXPENSES				691.82	_____
RETURNS ABOVE DIRECT EXPENSES				118.17	_____
FIXED EXPENSES					
Implements	Acre	9.23	1.0000	9.23	_____
Tractors	Acre	7.66	1.0000	7.66	_____
Self-Propelled Eq.	Acre	0.27	1.0000	0.27	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____
				-----	
TOTAL FIXED EXPENSES				50.77	_____
				-----	
TOTAL SPECIFIED EXPENSES				742.59	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				67.40	_____
ALLOCATED COST ITEMS					
cash rent - corn	acre	100.00	1.0000	100.00	_____
RESIDUAL RETURNS				-32.59	_____

Projections for Planning Purposes Only.

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Not to be Used without Updating after January 1, 2009

B-1241 (C2)

Table 3.B Estimated resource use and costs for field operations, per Acre  
Corn for Grain, Sprinkler Irrig.  
2009 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-----				
chisel		125	0.099	1.00	Feb	3.14	2.72	0.69	1.20	0.219	2.19				9.95	
disc	offset	100	0.078	1.00	Mar	2.09	1.87	1.54	2.34	0.173	1.73				9.58	
fert appl.	acre			1.00	Mar							1.0000	4.50	4.50	4.50	
fert. (N)	lb.											160.0000	0.50	80.00	80.00	
sweep plow		150	0.065	1.00	Apr	1.93	1.31	0.85	1.30	0.143	1.43				6.84	
planter	bed	75	0.152	1.00	May	2.64	1.74	2.51	4.38	0.305	3.05				14.35	
seed - stacked gene	bags											0.3500	210.00	73.50	73.50	
crop consultant	acre											1.0000	6.00	6.00	6.00	
corn -CP	acre											1.0000	15.00	15.00	15.00	
herb - corn pre	acre											1.0000	17.50	17.50	17.50	
fert. (P)	lb.											50.0000	0.50	25.00	25.00	
Center Pivot	ac-in			2.00	May			42.09	33.60	0.192	1.92	3.0000			77.61	
herb -corn post	acre			1.00	May							1.0000	24.85	24.85	24.85	
Center Pivot	ac-in			4.00	Jun			84.18		0.384	3.84	6.0000			88.02	
fert. (N)	lb.											20.0000	0.50	10.00	10.00	
Pickup Truck	3/4 ton		0.006	20.00	Jun			4.18	0.27						4.45	
Center Pivot	ac-in			4.00	Jul			84.18		0.384	3.84	6.0000			88.02	
miticide	acre			1.00	Aug							1.0000	25.00	25.00	25.00	
Center Pivot	ac-in			1.00	Aug			28.06		0.128	1.28	2.0000			29.34	
Center Pivot	ac-in			1.00	Aug			14.03		0.064	0.64	1.0000			14.67	
Center Pivot	ac-in			2.00	Sep			28.06		0.128	1.28	2.0000			29.34	
harv & haul - corn	bu.			1.00	Sep							180.0000	0.42	75.60	75.60	
TOTALS								9.81	7.66	290.39	43.10	2.121	21.21		356.95	729.15
INTEREST ON OPERATING CAPITAL																13.44
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																742.59

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