

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

B-1241 (C8)

Table 2.A Estimated costs and returns per acre  
Herbicide Resistant Corn (Reduced-till)  
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu.	5.25	90.0000	472.50	_____
				-----	
TOTAL INCOME				472.50	_____
DIRECT EXPENSES					
CROP INSURANCE					
corn 70%CRC	acre	8.77	1.0000	8.77	_____
CUSTOM					
liquid fert. rig	Acre	4.00	1.0000	4.00	_____
FERTILIZER					
fert - (N,P,Zinc,S)	acre	30.00	1.0000	30.00	_____
HERBICIDE					
herb, atrazine	lb.	2.50	2.0000	5.00	_____
corn herbicide	oz.	0.24	22.0000	5.39	_____
weed burndown	oz.	0.24	22.0000	5.39	_____
INSECTICIDE					
corn insecticide	acre	14.41	1.0000	14.41	_____
SEED					
Herb Resis Corn Seed	acre	26.50	1.0000	26.50	_____
OPERATOR LABOR					
Tractors	hour	10.00	0.5977	5.97	_____
Self-Propelled Eq.	hour	10.00	0.0500	0.50	_____
DIESEL FUEL					
Tractors	gal	2.65	5.0749	13.44	_____
Self-Propelled Eq.	gal	2.65	0.5000	1.32	_____
GASOLINE					
Self-Propelled Eq.	gal	2.73	1.5075	4.11	_____
REPAIR & MAINTENANCE					
Implements	acre	4.15	1.0000	4.15	_____
Tractors	acre	3.75	1.0000	3.75	_____
Self-Propelled Eq.	acre	2.86	1.0000	2.86	_____
INTEREST ON OP. CAP.	acre	3.43	1.0000	3.43	_____
				-----	
TOTAL DIRECT EXPENSES				139.05	_____
RETURNS ABOVE DIRECT EXPENSES				333.44	_____
FIXED EXPENSES					
Implements	acre	9.32	1.0000	9.32	_____
Tractors	acre	8.60	1.0000	8.60	_____
Self-Propelled Eq.	acre	5.58	1.0000	5.58	_____
				-----	
TOTAL FIXED EXPENSES				23.51	_____
				-----	
TOTAL SPECIFIED EXPENSES				162.56	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				309.93	_____

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Table 2.B Estimated resource use and costs for field operations, per acre  
Herbicide Resistant Corn (Reduced-till)  
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-----				
Shredder	20 foot	200 hp	0.147	1.00	Aug	4.85	2.40	0.30	0.93	0.161	1.61					10.11
tandem disc -24 foot	24 ft	200 hp	0.095	1.00	Sep	3.13	1.55	0.58	1.13	0.104	1.04					7.45
corn 70%CRC	acre			1.00	Nov							1.0000	8.77	8.77		8.77
Field Cultivator	32 ft.	200 hp	0.047	1.00	Jan	1.55	0.76	0.54	1.05	0.051	0.51					4.44
herb, atrazine	lb.											2.0000	2.50	5.00		5.00
liquid fert. rig	Acre			1.00	Jan							1.0000	4.00	4.00		4.00
fert - (N,P,Zinc,S)	acre											1.0000	30.00	30.00		30.00
Planter Pull	12 row	200 hp	0.140	1.00	Feb	4.62	2.28	2.60	5.87	0.154	1.54					16.92
Herb Resis Corn Seed	acre											1.0000	26.50	26.50		26.50
corn insecticide	acre											1.0000	14.41	14.41		14.41
corn herbicide	oz.											22.0000	0.24	5.39		5.39
spray rig		150 hp	0.064	1.00	May	1.70	0.89	0.04	0.08	0.070	0.70					3.43
weed burndown	oz.											22.0000	0.24	5.39		5.39
grain cart		150 hp	0.050	1.00	Jul	1.32	0.69	0.08	0.24	0.055	0.55					2.90
Combine			0.050					4.18	5.57	0.050	0.50					10.25
Pickup Truck	3/4 Ton		0.006	15.00	Jul			4.12	0.01							4.13
TOTALS						17.20	8.60	12.46	14.91	0.647	6.47			99.46		159.12
INTEREST ON OPERATING CAPITAL																3.43
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																162.56