

*Projections for Planning Purposes Only  
Not to be Used without Updating after October 15, 2003*

Table 10.A Estimated costs and returns per acre  
Corn, Irrigated  
2004 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
corn	bu	3.00	125.0000	375.00	_____
TOTAL INCOME				375.00	_____
DIRECT EXPENSES					
SEED					
seed corn-grain	bu	1.45	24.0000	34.80	_____
CROP INSURANCE					
crop ins. corn	acre	10.14	1.0000	10.14	_____
INSECTICIDE					
insect corn	acre	13.00	1.0000	13.00	_____
FERTILIZER					
nitrogen n32	lb	0.25	125.0000	31.25	_____
phospate	lb	0.32	65.0000	20.80	_____
MISC ADMIN O/H					
mis admin o/h corn	acre	16.00	0.5000	8.00	_____
HERBICIDES					
herbicide corn	acre	10.00	2.0000	20.00	_____
CUSTOM					
cstm haul corn	bu	0.14	125.0000	17.50	_____
cstm hvst corn	acre	27.00	1.0000	27.00	_____
IRRIGATION					
irrigation costs	ac/in	4.00	12.5000	50.00	_____
OPERATOR LABOR					
Tractors	hour	8.90	1.4744	13.12	_____
IRRIGATION LABOR					
irr system 1	hour	8.90	0.8000	7.12	_____
DIESEL FUEL					
Tractors	gal	1.09	8.7744	9.56	_____
GASOLINE					
Pick-up, 3/4 ton	gal	1.75	0.9100	1.59	_____
REPAIR & MAINTENANCE					
Implements	acre	6.11	1.0000	6.11	_____
Tractors	acre	16.70	1.0000	16.70	_____
Pick-up, 3/4 ton	acre	1.00	1.0000	1.00	_____
irr system 1	ac/in	0.17	16.0000	2.72	_____
INTEREST ON OP. CAP.	acre	12.85	1.0000	12.85	_____
TOTAL DIRECT EXPENSES				303.27	_____
RETURNS ABOVE DIRECT EXPENSES				71.72	_____
FIXED EXPENSES					
Implements	acre	12.33	1.0000	12.33	_____
Tractors	acre	28.54	1.0000	28.54	_____
Pick-up, 3/4 ton	acre	3.00	1.0000	3.00	_____
irr system 1	ac/in	0.17	16.0000	2.72	_____
TOTAL FIXED EXPENSES				46.60	_____
TOTAL SPECIFIED EXPENSES				349.88	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				25.11	_____
ALLOCATED COST ITEMS					
cash rent corn food	acre	70.00	1.0000	70.00	_____
RESIDUAL RETURNS				-44.88	_____

\*Sprinkler irrigated

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Table 10.B Estimated resource use and costs for field operations, per acre  
Corn, Irrigated  
2004 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		100	0.199	1.00	Aug	3.27	3.58	0.58	0.91	0.199	1.77					10.14
offset disc	12-foot	125	0.172	1.00	Aug	3.39	3.64	0.97	2.02	0.172	1.53					11.57
spring chisel	14 - foot	125	0.114	1.00	Oct	2.24	2.40	0.22	0.40	0.114	1.01					6.29
offset disc	12-foot	125	0.172	1.00	Oct	3.39	3.64	0.97	2.02	0.172	1.53					11.57
field cultivator	20 foot	125	0.171	1.00	Dec	3.36	3.61	0.58	1.21	0.171	1.52					10.30
Pick-up, 3/4 ton	acre			1.00	Dec			2.59	3.00			1.0000				5.59
irrigation costs	ac/in			1.00	Jan							1.5000	4.00	6.00		6.00
fert. - side dress		100	0.153	1.00	Feb	2.53	2.77	0.71	1.48	0.153	1.36					8.87
crop ins. corn	acre											1.0000	10.14	10.14		10.14
nitrogen n32	lb											125.0000	0.25	31.25		31.25
phospate	lb											65.0000	0.32	20.80		20.80
planter - max emerge		100	0.229	1.00	Feb	3.77	4.14	1.35	2.82	0.229	2.04					14.15
seed corn-grain	bu											24.0000	1.45	34.80		34.80
insect corn	acre											1.0000	13.00	13.00		13.00
herbicide corn	acre											1.0000	10.00	10.00		10.00
irrigation costs	ac/in			1.00	Mar							2.0000	4.00	8.00		8.00
cultivator	6-row	100	0.171	1.00	Mar	2.82	3.09	0.47	0.99	0.171	1.52					8.92
sprayer-hi speed		100	0.090	1.00	Mar	1.47	1.62	0.21	0.44	0.090	0.80					4.55
herbicide corn	acre											1.0000	10.00	10.00		10.00
irrigation costs	ac/in			1.00	Apr							2.0000	4.00	8.00		8.00
irrigation costs	ac/in			1.00	May							3.0000	4.00	12.00		12.00
irrigation costs	ac/in			1.00	Jun							4.0000	4.00	16.00		16.00
mis admin o/h corn	acre			1.00	Jun							0.5000	16.00	8.00		8.00
irr system 1	ac/in			1.00	Aug			2.72	2.72	0.800	7.12	16.0000				12.56
cstm haul corn	bu											125.0000	0.14	17.50		17.50
cstm hvst corn	acre											1.0000	27.00	27.00		27.00
TOTALS						26.26	28.54	11.42	18.05	2.274	20.24			232.49		337.03
INTEREST ON OPERATING CAPITAL																12.85
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																349.88