

Table 9.A Estimated costs and returns per acre
Corn, Irrigated
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
irr corn	bu	5.40	140.0000	756.00	_____

TOTAL INCOME				756.00	_____
DIRECT EXPENSES					
SEED					
seed corn-grain	bag	200.00	0.2900	58.00	_____
CROP INSURANCE					
CAT Insurance	acre	1.00	1.0000	1.00	_____
hail inscorn	acre	16.80	1.0000	16.80	_____
INSECTICIDE					
insecticide - oberon	oz	4.30	2.0000	8.60	_____
FERTILIZER					
nitrogen n32	lb	0.50	150.0000	75.00	_____
phospate	lb	0.65	65.0000	42.25	_____
MISC ADMIN O/H					
mis admin o/h corn	acre	4.00	1.0000	4.00	_____
HERBICIDES					
herb roundup corn	pint	1.25	8.8000	11.00	_____
CUSTOM					
custom application	acre	5.00	1.0000	5.00	_____
cstm haul corn	bu	0.15	140.0000	21.00	_____
cstm hvst corn	acre	20.00	1.0000	20.00	_____
custom harvst/bu	bu	0.15	140.0000	21.00	_____
IRRIGATION					
irrigation costs	ac/in	7.00	20.0000	140.00	_____
OPERATOR LABOR					
Tractors	hour	11.00	1.0810	11.89	_____
IRRIGATION LABOR					
irr system 1	hour	11.00	1.0000	11.00	_____
DIESEL FUEL					
Tractors	gal	2.65	6.5562	17.37	_____
GASOLINE					
Pick-up, 3/4 ton	gal	2.70	0.9100	2.45	_____
REPAIR & MAINTENANCE					
Implements	acre	5.49	1.0000	5.49	_____
Tractors	acre	11.34	1.0000	11.34	_____
Pick-up, 3/4 ton	acre	1.00	1.0000	1.00	_____
irr system 1	ac/in	0.17	20.0000	3.40	_____
INTEREST ON OP. CAP.	acre	17.23	1.0000	17.23	_____

TOTAL DIRECT EXPENSES				504.84	_____
RETURNS ABOVE DIRECT EXPENSES				251.15	_____
FIXED EXPENSES					
Implements	acre	10.73	1.0000	10.73	_____
Tractors	acre	18.34	1.0000	18.34	_____
Pick-up, 3/4 ton	acre	3.60	1.0000	3.60	_____
irr system 1	ac/in	0.20	20.0000	4.08	_____

TOTAL FIXED EXPENSES				36.75	_____

TOTAL SPECIFIED EXPENSES				541.60	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				214.39	_____
ALLOCATED COST ITEMS					
cash rent corn food	acre	85.00	1.0000	85.00	_____
RESIDUAL RETURNS				129.39	_____

Table 9.B Estimated resource use and costs for field operations, per acre
 Corn, Irrigated
 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		100	0.130	1.00	Aug	3.27	2.10	0.61	0.86	0.130	1.43				8.28
offset disc	12-foot	125	0.130	1.00	Aug	3.61	2.30	0.50	1.09	0.130	1.43				8.95
spring chisel	14 - foot	125	0.114	1.00	Oct	3.17	2.02	0.36	0.58	0.114	1.25				7.39
offset disc	12-foot	125	0.130	1.00	Oct	3.61	2.30	0.50	1.09	0.130	1.43				8.95
field cultivator	20 foot	125	0.080	1.00	Dec	2.22	1.41	0.71	1.54	0.080	0.88				6.78
Pick-up, 3/4 ton	acre			1.00	Dec			3.45	3.60			1.0000			7.05
irrigation costs	ac/in			1.00	Jan							1.5000	7.00	10.50	10.50
fert. - side dress		100	0.153	1.00	Feb	3.88	2.48	1.15	2.12	0.153	1.69				11.34
CAT Insurance	acre											1.0000	1.00	1.00	1.00
hail inscorn	acre											1.0000	16.80	16.80	16.80
nitrogen n32	lb											150.0000	0.50	75.00	75.00
phospate	lb											65.0000	0.65	42.25	42.25
planter - max emerge		100	0.150	1.00	Feb	3.78	2.42	0.61	1.32	0.150	1.65				9.79
seed corn-grain	bag											0.2900	200.00	58.00	58.00
insecticide - oberon oz												2.0000	4.30	8.60	8.60
herb roundup corn	pint											4.4000	1.25	5.50	5.50
custom application	acre											1.0000	5.00	5.00	5.00
irrigation costs	ac/in			1.00	Mar							5.5000	7.00	38.50	38.50
cultivator 8 row	8 row	125	0.103	1.00	Mar	2.87	1.82	0.63	1.37	0.103	1.13				7.83
sprayer-hi speed		100	0.090	1.00	Mar	2.26	1.45	0.39	0.72	0.090	0.99				5.83
herb roundup corn	pint											4.4000	1.25	5.50	5.50
irrigation costs	ac/in			1.00	Apr							5.0000	7.00	35.00	35.00
irrigation costs	ac/in			1.00	May							4.0000	7.00	28.00	28.00
irrigation costs	ac/in			1.00	Jun							4.0000	7.00	28.00	28.00
mis admin o/h corn	acre			1.00	Jun							1.0000	4.00	4.00	4.00
irr system 1	ac/in			1.00	Aug			3.40	4.08	1.000	11.00	20.0000			18.48
cstm haul corn	bu											140.0000	0.15	21.00	21.00
cstm hvst corn	acre											1.0000	20.00	20.00	20.00
custom harvst/bu	bu											140.0000	0.15	21.00	21.00
TOTALS						28.71	18.34	12.35	18.41	2.081	22.89			423.65	524.37
INTEREST ON OPERATING CAPITAL															17.23
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															541.60