

Table 27.A Estimated costs and returns per Acre
Onions, Irrigated
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
onions	bag	7.00	700.0000	4900.00	_____

TOTAL INCOME				4900.00	_____
DIRECT EXPENSES					
SEED					
seed onion	lb	60.00	3.0000	180.00	_____
CROP INSURANCE					
insurance-onion	acre	40.00	1.0000	40.00	_____
FUNGICIDE					
fungicide onion	acre	18.48	1.0000	18.48	_____
fungicide ridomil	acre	28.88	1.0000	28.88	_____
INSECTICIDE					
insect onion	acre	8.40	5.0000	42.00	_____
FERTILIZER					
nitrogen dry	lb	0.50	50.0000	25.00	_____
phospate	lb	0.65	100.0000	65.00	_____
nitrogen n32	lb	0.50	100.0000	50.00	_____
MISC ADMIN O/H					
mis admin o/h onion	acre	4.00	1.0000	4.00	_____
HERBICIDES					
herbicide onion1	acre	8.50	5.0000	42.50	_____
CUSTOM					
fertilizer appl	acre	5.75	1.0000	5.75	_____
consult fee veg	acre	12.00	1.0000	12.00	_____
pesticide appl veg	acre	5.50	4.0000	22.00	_____
harv pk mk onion	bag	4.25	700.0000	2975.00	_____
IRRIGATION					
irrigation costs	ac/in	7.00	24.0000	168.00	_____
OTHER LABOR					
other labor	hour	10.00	4.3750	43.75	_____
OPERATOR LABOR					
Tractors	hour	11.00	1.9047	20.95	_____
IRRIGATION LABOR					
irr system 1	hour	11.00	1.2000	13.20	_____
DIESEL FUEL					
Tractors	gal	2.65	13.2139	35.01	_____
GASOLINE					
Pick-up, 3/4 ton	gal	2.70	0.9100	2.45	_____
REPAIR & MAINTENANCE					
Implements	Acre	23.94	1.0000	23.94	_____
Tractors	Acre	24.59	1.0000	24.59	_____
Pick-up, 3/4 ton	acre	1.00	1.0000	1.00	_____
irr system 1	ac/in	0.17	24.0000	4.08	_____
INTEREST ON OP. CAP.	Acre	45.94	1.0000	45.94	_____

TOTAL DIRECT EXPENSES				3893.55	_____
RETURNS ABOVE DIRECT EXPENSES				1006.44	_____
FIXED EXPENSES					
Implements	Acre	44.20	1.0000	44.20	_____
Tractors	Acre	39.02	1.0000	39.02	_____
Pick-up, 3/4 ton	acre	3.60	1.0000	3.60	_____
irr system 1	ac/in	0.20	24.0000	4.89	_____

TOTAL FIXED EXPENSES				91.72	_____

TOTAL SPECIFIED EXPENSES				3985.27	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				914.72	_____
ALLOCATED COST ITEMS					
cash rent onion	acre	60.00	1.0000	60.00	_____
RESIDUAL RETURNS				854.72	_____

Table 27.B Estimated resource use and costs for field operations, per Acre
 Onions, 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	Sep	3.27	2.10	0.61	0.86	0.130	1.43					8.28
offset disc	12-foot	125	0.130	1.00	Sep	3.61	2.30	0.50	1.09	0.130	1.43					8.95
moldboard plow - 200		200	0.170	1.00	Sep	7.52	5.15	2.00	2.81	0.170	1.87					19.37
offset disc 20 ft	20 ft	200	0.103	1.00	Sep	4.56	3.12	5.02	9.23	0.103	1.13					23.08
nitrogen dry	lb											50.0000	0.50	25.00		25.00
phosphate	lb											100.0000	0.65	65.00		65.00
fertilizer appl	acre											1.0000	5.75	5.75		5.75
mis admin o/h onion	acre											1.0000	4.00	4.00		4.00
offset disc 20 ft	20 ft	200	0.103	1.00	Oct	4.56	3.12	5.02	9.23	0.103	1.13					23.08
offset disc 20 ft	20 ft	200	0.103	1.00	Oct	4.56	3.12	5.02	9.23	0.103	1.13					23.08
bedder	6-row	100	0.114	1.00	Oct	2.87	1.84	0.60	1.10	0.114	1.25					7.67
irrigation costs	ac/in											4.0000	7.00	28.00		28.00
sprayer	18 row	125	0.110	1.00	Oct	3.06	1.94	0.48	1.04	0.110	1.21					7.74
herbicide onion1	acre											1.0000	8.50	8.50		8.50
insect onion	acre											1.0000	8.40	8.40		8.40
consult fee veg	acre											1.0000	12.00	12.00		12.00
bed shapper		125	0.130	1.00	Oct	3.61	2.30	0.48	0.89	0.130	1.43					8.74
rodweeder		100	0.128	1.00	Oct	3.24	2.08	0.21	0.39	0.128	1.41					7.35
planter - monosend		125	0.150	1.00	Nov	4.17	2.65	0.90	1.65	0.150	1.65					11.04
seed onion	lb											3.0000	60.00	180.00		180.00
irrigation costs	ac/in				1.00	Nov						4.0000	7.00	28.00		28.00
cultivator 8 row	8 row	125	0.103	1.00	Nov	2.87	1.82	0.63	1.37	0.103	1.13					7.83
nitrogen n32	lb											50.0000	0.50	25.00		25.00
irrigation costs	ac/in				1.00	Jan						3.0000	7.00	21.00		21.00
cultivator 8 row	8 row	125	0.103	1.00	Jan	2.87	1.82	0.63	1.37	0.103	1.13					7.83
nitrogen n32	lb											50.0000	0.50	25.00		25.00
Pick-up, 3/4 ton	acre				1.00	Jan			3.45	3.60		1.0000				7.05
irrigation costs	ac/in				1.00	Feb						3.0000	7.00	21.00		21.00
fungicide onion	acre				1.00	Feb						1.0000	18.48	18.48		18.48
insect onion	acre											1.0000	8.40	8.40		8.40
pesticide appl veg	acre											1.0000	5.50	5.50		5.50
cultivator 8 row	8 row	125	0.103	1.00	Feb	2.87	1.82	0.63	1.37	0.103	1.13					7.83
irrigation costs	ac/in				1.00	Mar						3.0000	7.00	21.00		21.00
insect onion	acre				1.00	Mar						1.0000	8.40	8.40		8.40
pesticide appl veg	acre											1.0000	5.50	5.50		5.50
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
herbicide onion1	acre											2.0000	8.50	17.00		17.00
irrigation costs	ac/in				1.00	Apr						3.0000	7.00	21.00		21.00
insect onion	acre				1.00	Apr						1.0000	8.40	8.40		8.40
pesticide appl veg	acre											1.0000	5.50	5.50		5.50
other labor	hour				1.00	Apr						4.3750	10.00	43.75		43.75
sprayer	12-foot	100	0.120	1.00	Apr	3.02	1.94	0.52	1.14	0.120	1.32					7.95
herbicide onion1	acre											2.0000	8.50	17.00		17.00
irrigation costs	ac/in				1.00	May						2.0000	7.00	14.00		14.00
insect onion	acre				1.00	May						1.0000	8.40	8.40		8.40
fungicide ridomil	acre											1.0000	28.88	28.88		28.88
pesticide appl veg	acre											1.0000	5.50	5.50		5.50
irrigation costs	ac/in				1.00	May						2.0000	7.00	14.00		14.00
irr system 1	ac/in				1.00	Jun			4.08	4.89	1.200	13.20	24.0000			22.17
harv pk mk onion	bag											700.0000	4.25	2975.00		2975.00
insurance-onion	acre											1.0000	40.00	40.00		40.00
TOTALS						59.60	39.02	31.48	52.70	3.104	34.15			3722.36		3939.32
INTEREST ON OPERATING CAPITAL																45.94
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																3985.27