

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

Table 28.A Estimated costs and returns per Acre  
Onions, Irrigated  
2004 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
onions	bag	6.00	700.0000	4200.00	_____
TOTAL INCOME				4200.00	_____
DIRECT EXPENSES					
SEED					
seed onion	lb	60.00	3.0000	180.00	_____
CROP INSURANCE					
crop insurance-onion	acre	40.00	1.0000	40.00	_____
FUNGICIDE					
fungicide onion	acre	16.00	1.0000	16.00	_____
fungicide ridomil	acre	25.00	1.0000	25.00	_____
INSECTICIDE					
insect onion	acre	8.00	5.0000	40.00	_____
FERTILIZER					
nitrogen dry	lb	0.25	50.0000	12.50	_____
phospate	lb	0.32	100.0000	32.00	_____
nitrogen n32	lb	0.25	100.0000	25.00	_____
MISC ADMIN O/H					
mis admin o/h onion	acre	5.00	1.0000	5.00	_____
HERBICIDES					
herbicide onion1	acre	8.50	5.0000	42.50	_____
CUSTOM					
fertilizer appl	acre	1.80	1.0000	1.80	_____
consult fee veg	acre	12.00	1.0000	12.00	_____
pesticide appl veg	acre	4.50	4.0000	18.00	_____
harv pk mk onion	bag	4.25	750.0000	3187.50	_____
IRRIGATION					
irrigation costs	ac/in	4.00	24.0000	96.00	_____
OTHER LABOR					
other labor	hour	8.00	4.3750	35.00	_____
OPERATOR LABOR					
Tractors	hour	8.90	2.5026	22.27	_____
IRRIGATION LABOR					
irr system 1	hour	8.90	1.2000	10.68	_____
DIESEL FUEL					
Tractors	gal	1.09	17.4456	19.01	_____
GASOLINE					
Pick-up, 3/4 ton	gal	1.75	0.9100	1.59	_____
REPAIR & MAINTENANCE					
Implements	Acre	20.39	1.0000	20.39	_____
Tractors	Acre	29.41	1.0000	29.41	_____
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	47.26	1.0000	47.26	_____
TOTAL DIRECT EXPENSES				3924.01	_____
RETURNS ABOVE DIRECT EXPENSES				275.98	_____
FIXED EXPENSES					
Implements	Acre	41.59	1.0000	41.59	_____
Tractors	Acre	50.26	1.0000	50.26	_____
Pick-up, 3/4 ton	acre	3.00	1.0000	3.00	_____
irr system 1	ac/in	0.17	24.0000	4.08	_____
TOTAL FIXED EXPENSES				98.94	_____
TOTAL SPECIFIED EXPENSES				4022.96	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				177.03	_____
ALLOCATED COST ITEMS					
cash rent onion	acre	60.00	1.0000	60.00	_____
RESIDUAL RETURNS				117.03	_____

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Table 28.B Estimated resource use and costs for field operations, per Acre  
Onions, 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	Sep	3.27	3.58	0.58	0.91	0.199	1.77					10.14
offset disc 20 ft	20 ft	200	0.103	1.00	Sep	2.24	2.11	3.09	6.43	0.103	0.91					14.80
moldbord plow - 200		200	0.286	1.00	Sep	6.24	5.87	2.12	3.30	0.286	2.54					20.09
offset disc 20 ft	20 ft	200	0.103	1.00	Sep	2.24	2.11	3.09	6.43	0.103	0.91					14.80
nitrogen dry	lb											50.0000	0.25	12.50		12.50
phospate	lb											100.0000	0.32	32.00		32.00
fertilizer appl	acre											1.0000	1.80	1.80		1.80
mis admin o/h onion	acre											1.0000	5.00	5.00		5.00
offset disc 20 ft	20 ft	200	0.103	1.00	Oct	2.24	2.11	3.09	6.43	0.103	0.91					14.80
offset disc 20 ft	20 ft	200	0.103	1.00	Oct	2.24	2.11	3.09	6.43	0.103	0.91					14.80
bedder	6-row	100	0.114	1.00	Oct	1.87	2.05	0.36	0.76	0.114	1.01					6.08
irrigation costs	ac/in											4.0000	4.00	16.00		16.00
sprayer	18 row	125	0.264	1.00	Oct	5.19	5.58	0.70	1.75	0.264	2.35					15.58
herbicide onion1	acre											1.0000	8.50	8.50		8.50
insect onion	acre											1.0000	8.00	8.00		8.00
consult fee veg	acre											1.0000	12.00	12.00		12.00
bed shapper		125	0.190	1.00	Oct	3.75	4.03	0.44	0.91	0.190	1.69					10.84
rodweeder		100	0.128	1.00	Oct	2.11	2.32	0.13	0.27	0.128	1.14					5.99
planter - monosend		125	0.229	1.00	Nov	4.51	4.85	0.85	1.76	0.229	2.04					14.03
seed onion	lb											3.0000	60.00	180.00		180.00
irrigation costs	ac/in			1.00	Nov							4.0000	4.00	16.00		16.00
cultivator 8 row	8 row	125	0.103	1.00	Nov	2.02	2.17	0.53	1.10	0.103	0.91					6.75
nitrogen n32	lb											50.0000	0.25	12.50		12.50
irrigation costs	ac/in			1.00	Jan							3.0000	4.00	12.00		12.00
cultivator 8 row	8 row	125	0.103	1.00	Jan	2.02	2.17	0.53	1.10	0.103	0.91					6.75
nitrogen n32	lb											50.0000	0.25	12.50		12.50
Pick-up, 3/4 ton	acre			1.00	Jan			2.59	3.00			1.0000				5.59
irrigation costs	ac/in			1.00	Feb							3.0000	4.00	12.00		12.00
fungicide onion	acre			1.00	Feb							1.0000	16.00	16.00		16.00
insect onion	acre											1.0000	8.00	8.00		8.00
pesticide appl veg	acre											1.0000	4.50	4.50		4.50
cultivator 8 row	8 row	125	0.103	1.00	Feb	2.02	2.17	0.53	1.10	0.103	0.91					6.75
irrigation costs	ac/in			1.00	Mar							3.0000	4.00	12.00		12.00
insect onion	acre			1.00	Mar							1.0000	8.00	8.00		8.00
pesticide appl veg	acre											1.0000	4.50	4.50		4.50
cultivator 8 row	8 row	125	0.103	1.00	Mar	2.02	2.17	0.53	1.10	0.103	0.91					6.75
herbicide onion1	acre											2.0000	8.50	17.00		17.00
irrigation costs	ac/in			1.00	Apr							3.0000	4.00	12.00		12.00
insect onion	acre			1.00	Apr							1.0000	8.00	8.00		8.00
pesticide appl veg	acre											1.0000	4.50	4.50		4.50
other labor	hour			1.00	Apr							4.3750	8.00	35.00		35.00
sprayer	12-foot	100	0.264	1.00	Apr	4.34	4.76	0.70	1.75	0.264	2.35					13.92
herbicide onion1	acre											2.0000	8.50	17.00		17.00
irrigation costs	ac/in			1.00	May							2.0000	4.00	8.00		8.00

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insect onion	acre	1.00	May					1.0000	8.00	8.00	8.00	
fungicide ridomil	acre							1.0000	25.00	25.00	25.00	
pesticide appl veg	acre							1.0000	4.50	4.50	4.50	
irrigation costs	ac/in	1.00	May					2.0000	4.00	8.00	8.00	
irr system 1	ac/in	1.00	Jun		4.08	4.08	1.200	10.68	24.0000		18.84	
harv pk mk onion	bag							750.0000	4.25	3187.50	3187.50	
crop insurance-onion	acre							1.0000	40.00	40.00	40.00	
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TOTALS				48.42	50.26	27.07	48.67	3.702	32.95		3768.30	3975.69
INTEREST ON OPERATING CAPITAL												47.26
UNALLOCATED LABOR												0.00
TOTAL SPECIFIED COST												4022.96