

Table 14.A Estimated costs and returns per acre
Onion: Hybrid Yellow Varieties, Furrow Irr.
Projected for 2005, Rio Grande Valley, For Planning Purpose

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Onions, Yellow	sack	8.29	550.0000	4559.50	_____

TOTAL INCOME				4559.50	_____
DIRECT EXPENSES					
FERTILIZER					
Fert 10-34-0	cwt	14.66	2.0000	29.32	_____
Foligro	qt	20.85	7.0000	145.95	_____
UAN (32% N)	cwt	9.33	0.7800	7.27	_____
FUNGICIDE					
Dithane F-45	qt	3.54	2.0000	7.08	_____
Rovral 4f	pt	20.35	3.0000	61.05	_____
Ridomil Gold	oz	5.10	8.0000	40.80	_____
Bravo Ultrex	qt	12.50	2.0000	25.00	_____
HERBICIDE					
Prefar 4E	qt	10.00	2.7500	27.50	_____
Goal 2XL	gal	105.00	0.1000	10.50	_____
Trifluralin 4EC	pt	2.48	1.0000	2.48	_____
INSECTICIDE/MITICIDE					
Lorsban 4E	pt	6.12	1.7500	10.71	_____
Diazinon AG500	pt	3.75	1.0000	3.75	_____
Karate	oz	2.03	9.6000	19.48	_____
IRRIGATION SUPPLIES					
Irrigation Water	ac-ft	16.23	2.8000	45.44	_____
SEED/PLANTS					
Onion Seed	unit	100.00	1.5000	150.00	_____
CUSTOM HORT. HARVEST					
Harvest Onions	bag	1.50	500.0000	750.00	_____
Drying Onions	bag	0.30	500.0000	150.00	_____
Pack & Count Onions	bag	1.45	500.0000	725.00	_____
Sale Consign. Onions	bag	0.40	500.0000	200.00	_____
OPERATOR LABOR					
Tractors	hour	6.50	1.5270	9.92	_____
HAND LABOR					
Implements	hour	7.50	0.3680	2.76	_____
IRRIGATION LABOR					
Labor (Flood)	hour	6.50	7.0000	45.50	_____
Labor (Irr. Setup)	hour	6.50	0.4000	2.60	_____
UNALLOCATED LABOR	hour	6.50	0.1527	0.99	_____
DIESEL FUEL					
Tractors	gal	1.73	11.4429	19.79	_____
REPAIR & MAINTENANCE					
Implements	acre	5.38	1.0000	5.38	_____
Tractors	acre	9.71	1.0000	9.71	_____
INTEREST ON OP. CAP.	acre	59.69	1.0000	59.69	_____

TOTAL DIRECT EXPENSES				2567.72	_____
RETURNS ABOVE DIRECT EXPENSES				1991.77	_____
FIXED EXPENSES					
Implements	acre	17.52	1.0000	17.52	_____
Tractors	acre	28.61	1.0000	28.61	_____

TOTAL FIXED EXPENSES				46.13	_____

TOTAL SPECIFIED EXPENSES				2613.86	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				1945.63	_____
ALLOCATED COST ITEMS					
Cash Rent, Irr. Veg	acre	100.00	1.0000	100.00	_____
RESIDUAL RETURNS				1845.63	_____

Brand names are mentioned only as examples and imply no endorsement.

Projections for Planning Purposes Only
 Not to be Used without Updating after October 15, 2004

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Table 14.B Estimated resource use and costs for field operations, per acre
 Onion; Hybrid Yellow Varieties, Furrow Irr.
 Projected for 2005, Rio Grande Valley, For Planning Purposes Only

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-----			
Chisel Plow	12'	105 hp	0.156	1.00	Jul	3.61	6.06	0.29	0.71	0.156	1.01				11.69
Heavy Disk	14'	150 hp	0.167	1.00	Aug	3.11	2.65	0.98	1.91	0.167	1.08				9.75
Heavy Disk	14'	150 hp	0.167	1.00	Aug	3.11	2.65	0.98	1.91	0.167	1.08				9.75
Disk Bed (Hipper)	6R-40	170 hp	0.094	1.00	Sep	1.95	1.59	0.41	0.75	0.094	0.61				5.34
Fert Appl (Liquid)	6R-40	150 hp	0.098	1.00	Oct	1.82	1.55	0.44	1.21	0.147	1.00				6.04
Fert 10-34-0	cwt											2.0000	14.66	29.32	29.32
Prefar 4E	qt											2.7500	10.00	27.50	27.50
Planter, Stanhay	6R-40	50 hp	0.235	1.00	Oct			0.03	7.01						7.05
Onion Seed	unit											1.5000	100.00	150.00	150.00
Lorsban 4E	pt											1.7500	6.12	10.71	10.71
Ditcher	standard	130 hp	0.020	1.00	Oct	0.40	0.48	0.06	0.18	0.020	0.13				1.26
Labor (Irr. Setup)	hour									0.100	0.65	0.1000			0.65
Labor (Flood)	hour			1.00	Oct					1.000	6.50	1.0000			6.50
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
Cultivate (Early)	3R-80	150 hp	0.127	1.00	Oct	2.37	2.01	0.37	0.77	0.127	0.82				6.36
Spray (Band)	27'	150 hp	0.061	1.00	Nov	1.13	0.97	0.13	0.20	0.091	0.62				3.07
Dithane F-45	qt											1.0000	3.54	3.54	3.54
Diazinon AG500	pt											1.0000	3.75	3.75	3.75
Spray (Band)	27'	150 hp	0.061	1.00	Nov	1.13	0.97	0.13	0.20	0.091	0.62				3.07
Dithane F-45	qt											1.0000	3.54	3.54	3.54
Foligro	qt											1.0000	20.85	20.85	20.85
Ditcher	standard	130 hp	0.020	1.00	Nov	0.40	0.48	0.06	0.18	0.020	0.13				1.26
Labor (Irr. Setup)	hour									0.100	0.65	0.1000			0.65
Labor (Flood)	hour			1.00	Nov					1.000	6.50	1.0000			6.50
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
Spray (Band)	27'	150 hp	0.061	1.00	Nov	1.13	0.97	0.13	0.20	0.091	0.62				3.07
Goal 2XL	gal											0.1000	105.00	10.50	10.50
Spray (Band)	27'	150 hp	0.061	1.00	Dec	1.13	0.97	0.13	0.20	0.091	0.62				3.07
Rovral 4f	pt											1.5000	20.35	30.52	30.52
Foligro	qt											1.0000	20.85	20.85	20.85
Lannate 1.8E	pt											1.5000			
Labor (Flood)	hour			1.00	Dec					1.000	6.50	1.0000			6.50
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
Labor (Flood)	hour			1.00	Dec					1.000	6.50	1.0000			6.50
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
Spray (Band)	27'	150 hp	0.061	1.00	Dec	1.13	0.97	0.13	0.20	0.091	0.62				3.07
Rovral 4f	pt											1.5000	20.35	30.52	30.52
Foligro	qt											1.0000	20.85	20.85	20.85

Information presented is prepared solely as a general guide & not intended to recognize or predict the costs & returns from any one operation.
 These projections were collected & developed by TCE staff & approved for publication.

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Lannate 1.8E	pt											1.5000				
Spray (Band)	27'	150 hp	0.061	1.00	Jan	1.13	0.97	0.13	0.20	0.091	0.62					3.07
Ridomil Gold	oz											4.0000	5.10	20.40	20.40	
Foligro	qt											1.0000	20.85	20.85	20.85	
Karate	oz											3.2000	2.03	6.49	6.49	
Cult & Post (Late)	6R-40	150 hp	0.089	1.00	Jan	1.66	1.41	0.32	0.68	0.133	0.91					5.00
Trifluralin 4EC	pt											1.0000	2.48	2.48	2.48	
UAN (32% N)	cwt											0.7800	9.33	7.27	7.27	
Ditcher	standard	130 hp	0.020	1.00	Jan	0.40	0.48	0.06	0.18	0.020	0.13					1.26
Labor (Irr. Setup)	hour									0.100	0.65	0.1000				0.65
Labor (Flood)	hour			1.00	Jan					1.000	6.50	1.0000				6.50
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49	
Spray (Band)	27'	150 hp	0.061	1.00	Jan	1.13	0.97	0.13	0.20	0.091	0.62					3.07
Bravo Ultrex	qt											1.0000	12.50	12.50	12.50	
Foligro	qt											1.0000	20.85	20.85	20.85	
Karate	oz											3.2000	2.03	6.49	6.49	
Spray (Band)	27'	150 hp	0.061	1.00	Feb	1.13	0.97	0.13	0.20	0.091	0.62					3.07
Bravo Ultrex	qt											1.0000	12.50	12.50	12.50	
Foligro	qt											1.0000	20.85	20.85	20.85	
Ditcher	standard	130 hp	0.020	1.00	Feb	0.40	0.48	0.06	0.18	0.020	0.13					1.26
Labor (Irr. Setup)	hour									0.100	0.65	0.1000				0.65
Labor (Flood)	hour			1.00	Feb					1.000	6.50	1.0000				6.50
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49	
Spray (Band)	27'	150 hp	0.061	1.00	Mar	1.13	0.97	0.13	0.20	0.091	0.62					3.07
Ridomil Gold	oz											4.0000	5.10	20.40	20.40	
Foligro	qt											1.0000	20.85	20.85	20.85	
Karate	oz											3.2000	2.03	6.49	6.49	
Labor (Flood)	hour			1.00	Mar					1.000	6.50	1.0000				6.50
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49	
Harvest Onions	bag			1.00	Apr							500.0000	1.50	750.00	750.00	
Drying Onions	bag			1.00	Apr							500.0000	0.30	150.00	150.00	
Pack & Count Onions	bag			1.00	Apr							500.0000	1.45	725.00	725.00	
Sale Consign. Onions	bag			1.00	Apr							500.0000	0.40	200.00	200.00	
TOTALS						29.51	28.61	5.38	17.52	9.295	60.78			2411.34	2553.17	
INTEREST ON OPERATING CAPITAL																59.69
UNALLOCATED LABOR																0.99
TOTAL SPECIFIED COST																2613.86

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