

Table 14.A Estimated costs and returns per acre  
 Onion; Hybrid Yellow Varieties, Furrow Irr.  
 Projected for 2003, Rio Grande Valley, For Planning Purpose

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Onions, Yellow	sack	8.29	550.0000	4559.50	_____
<b>TOTAL INCOME</b>				4559.50	_____
<b>DIRECT EXPENSES</b>					
<b>FERTILIZER</b>					
Fert 10-34-0	cwt	12.22	2.0000	24.44	_____
Foligro	qt	17.38	7.0000	121.66	_____
UAN (32% N)	cwt	7.78	0.7800	6.06	_____
<b>FUNGICIDE</b>					
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	_____
<b>HERBICIDE</b>					
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	_____
<b>INSECTICIDE/MITICIDE</b>					
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	_____
<b>IRRIGATION SUPPLIES</b>					
Irrigation Water	ac-ft	16.23	2.8000	45.44	_____
<b>SEED/PLANTS</b>					
Onion Seed	unit	100.00	1.5000	150.00	_____
<b>CUSTOM HORT. HARVEST</b>					
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	_____
<b>OPERATOR LABOR</b>					
Tractors	hour	8.31	1.5270	12.68	_____
<b>HAND LABOR</b>					
Implements	hour	6.91	0.3680	2.54	_____
<b>IRRIGATION LABOR</b>					
Labor (Flood)	hour	6.91	7.0000	48.37	_____
Labor (Irr. Setup)	hour	6.91	0.4000	2.76	_____
<b>UNALLOCATED LABOR</b>	hour	8.31	0.1527	1.26	_____
<b>DIESEL FUEL</b>					
Tractors	gal	1.12	11.4429	12.81	_____
<b>REPAIR &amp; MAINTENANCE</b>					
Implements	acre	5.38	1.0000	5.38	_____
Tractors	acre	9.71	1.0000	9.71	_____
<b>INTEREST ON OP. CAP.</b>	acre	77.75	1.0000	77.75	_____
<b>TOTAL DIRECT EXPENSES</b>				2554.28	_____
<b>RETURNS ABOVE DIRECT EXPENSES</b>				2005.21	_____
<b>FIXED EXPENSES</b>					
Implements	acre	18.32	1.0000	18.32	_____
Tractors	acre	30.31	1.0000	30.31	_____
<b>TOTAL FIXED EXPENSES</b>				48.63	_____
<b>TOTAL SPECIFIED EXPENSES</b>				2602.91	_____
<b>RETURNS ABOVE TOTAL SPECIFIED EXPENSES</b>				1956.58	_____
<b>ALLOCATED COST ITEMS</b>					
Cash Rent, Irr. Veg	acre	100.00	1.0000	100.00	_____
<b>RESIDUAL RETURNS</b>				1856.58	_____

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

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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 2003, 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-----															
Chisel Plow	12'	105 hp	0.156	1.00	Jul	3.09	6.45	0.29	0.74	0.156	1.29				11.89
Heavy Disk	14'	150 hp	0.167	1.00	Aug	2.33	2.80	0.98	2.00	0.167	1.38				9.51
Heavy Disk	14'	150 hp	0.167	1.00	Aug	2.33	2.80	0.98	2.00	0.167	1.38				9.51
Disk Bed (Hipper)	6R-40	170 hp	0.094	1.00	Sep	1.45	1.68	0.41	0.78	0.094	0.78				5.12
Fert Appl (Liquid)	6R-40	150 hp	0.098	1.00	Oct	1.36	1.64	0.44	1.26	0.147	1.15				5.87
Fert 10-34-0	cw											2.0000	12.22	24.44	24.44
Prefar 4E	qt											2.7500	10.00	27.50	27.50
Planter, Stanhay	6R-40	50 hp	0.235	1.00	Oct			0.03	7.35						7.39
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	0.32	0.51	0.06	0.18	0.020	0.16				1.25
Labor (Irr. Setup)	hour									0.100	0.69				0.69
Labor (Flood)	hour			1.00	Oct					1.000	6.91				6.91
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
Cultivate (Early)	3R-80	150 hp	0.127	1.00	Oct	1.77	2.13	0.37	0.81	0.127	1.05				6.15
Spray (Band)	27'	150 hp	0.061	1.00	Nov	0.85	1.02	0.13	0.20	0.091	0.71				2.94
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	0.85	1.02	0.13	0.20	0.091	0.71				2.94
Dithane F-45	qt											1.0000	3.54	3.54	3.54
Foligro	qt											1.0000	17.38	17.38	17.38
Ditcher	standard	130 hp	0.020	1.00	Nov	0.32	0.51	0.06	0.18	0.020	0.16				1.25
Labor (Irr. Setup)	hour									0.100	0.69				0.69
Labor (Flood)	hour			1.00	Nov					1.000	6.91				6.91
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
Spray (Band)	27'	150 hp	0.061	1.00	Nov	0.85	1.02	0.13	0.20	0.091	0.71				2.94
Goal 2XL	gal											0.1000	105.00	10.50	10.50
Spray (Band)	27'	150 hp	0.061	1.00	Dec	0.85	1.02	0.13	0.20	0.091	0.71				2.94
Rovral 4f	pt											1.5000	20.35	30.52	30.52
Foligro	qt											1.0000	17.38	17.38	17.38
Lannate 1.8E	pt											1.5000			
Labor (Flood)	hour			1.00	Dec					1.000	6.91				6.91
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
Labor (Flood)	hour			1.00	Dec					1.000	6.91				6.91
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
Spray (Band)	27'	150 hp	0.061	1.00	Dec	0.85	1.02	0.13	0.20	0.091	0.71				2.94
Rovral 4f	pt											1.5000	20.35	30.52	30.52
Foligro	qt											1.0000	17.38	17.38	17.38
Lannate 1.8E	pt											1.5000			
Spray (Band)	27'	150 hp	0.061	1.00	Jan	0.85	1.02	0.13	0.20	0.091	0.71				2.94
Ridomil Gold	oz											4.0000	5.10	20.40	20.40
Foligro	qt											1.0000	17.38	17.38	17.38
Karate	oz											3.2000	2.03	6.49	6.49
Cult & Post (Late)	6R-40	150 hp	0.089	1.00	Jan	1.24	1.49	0.32	0.72	0.133	1.04				4.83
Trifluralin 4EC	pt											1.0000	2.48	2.48	2.48
UAN (32% N)	cw											0.7800	7.78	6.06	6.06
Ditcher	standard	130 hp	0.020	1.00	Jan	0.32	0.51	0.06	0.18	0.020	0.16				1.25
Labor (Irr. Setup)	hour									0.100	0.69				0.69
Labor (Flood)	hour			1.00	Jan					1.000	6.91				6.91
Irrigation Water	ac-ft											0.4000	16.23	6.49	6.49
Spray (Band)	27'	150 hp	0.061	1.00	Jan	0.85	1.02	0.13	0.20	0.091	0.71				2.94
Bravo Ultrex	qt											1.0000	12.50	12.50	12.50
Foligro	qt											1.0000	17.38	17.38	17.38
Karate	oz											3.2000	2.03	6.49	6.49
Spray (Band)	27'	150 hp	0.061	1.00	Feb	0.85	1.02	0.13	0.20	0.091	0.71				2.94
Bravo Ultrex	qt											1.0000	12.50	12.50	12.50
Foligro	qt											1.0000	17.38	17.38	17.38

*Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation.  
These projections were collected and developed by staff members of Texas Cooperative Extension and approved for publication.*

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Ditcher	standard	130 hp	0.020	1.00	Feb	0.32	0.51	0.06	0.18	0.020	0.16						1.25
Labor (Irr. Setup)	hour									0.100	0.69	0.1000					0.69
Labor (Flood)	hour				1.00	Feb				1.000	6.91	1.0000					6.91
Irrigation Water	ac-ft											0.4000	16.23	6.49			6.49
Spray (Band)	27'	150 hp	0.061	1.00	Mar	0.85	1.02	0.13	0.20	0.091	0.71						2.94
Ridomil Gold	oz											4.0000	5.10	20.40			20.40
Foligro	qt											1.0000	17.38	17.38			17.38
Karate	oz											3.2000	2.03	6.49			6.49
Labor (Flood)	hour				1.00	Mar				1.000	6.91	1.0000					6.91
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			22.53	30.31		5.38	18.32	9.295	66.36				2380.97	2523.89			
INTEREST ON OPERATING CAPITAL														77.75			
UNALLOCATED LABOR														1.26			
TOTAL SPECIFIED COST														2602.91			

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