

Table 14.A Estimated costs and returns per acre
Onion; Hybrid Yellow Varieties, Furrow Irr.
Projected for 2010, Rio Grande Valley, For Planning Purpose

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Onions, Yellow	sack	12.00	550.0000	6600.00	_____

TOTAL INCOME				6600.00	_____
DIRECT EXPENSES					
FERTILIZER					
Fert 10-34-0	cwt	17.42	2.0000	34.84	_____
Foligro	qt	26.06	7.0000	182.42	_____
UAN (32% N)	cwt	16.00	0.7800	12.48	_____
FUNGICIDE					
Dithane F-45	qt	3.54	2.0000	7.08	_____
Rovral 4f	pt	26.05	3.0000	78.15	_____
Ridomil Gold	oz	6.53	8.0000	52.24	_____
Bravo Ultrex	qt	16.00	2.0000	32.00	_____
HERBICIDE					
Prefar 4E	qt	13.44	2.7500	36.96	_____
Goal 2XL	gal	138.43	0.1000	13.84	_____
Trifluralin 4EC	pt	3.33	1.0000	3.33	_____
INSECTICIDE/MITICIDE					
Lorsban 4E	pt	8.22	1.7500	14.38	_____
Diazinon AG500	pt	5.04	1.0000	5.04	_____
Karate	oz	2.73	9.6000	26.20	_____
IRRIGATION SUPPLIES					
Irrigation Water	ac-ft	20.00	2.8000	56.00	_____
SEED/PLANTS					
Onion Seed	unit	147.00	1.5000	220.50	_____
CUSTOM HORT. HARVEST					
Harvest Onions	bag	1.65	550.0000	907.50	_____
Drying Onions	bag	0.33	550.0000	181.50	_____
Pack & Count Onions	bag	1.60	550.0000	880.00	_____
Sale Consign. Onions	bag	0.44	550.0000	242.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	1.5270	11.45	_____
HAND LABOR					
Implements	hour	7.50	0.3680	2.76	_____
IRRIGATION LABOR					
Labor (Flood)	hour	7.50	7.0000	52.50	_____
Labor (Irr. Setup)	hour	7.50	0.4000	3.00	_____
UNALLOCATED LABOR	hour	7.50	0.1527	1.14	_____
DIESEL FUEL					
Tractors	gal	2.10	11.4429	24.03	_____
REPAIR & MAINTENANCE					
Implements	acre	5.38	1.0000	5.38	_____
Tractors	acre	9.71	1.0000	9.71	_____
INTEREST ON OP. CAP.	acre	75.36	1.0000	75.36	_____

TOTAL DIRECT EXPENSES				3171.83	_____
RETURNS ABOVE DIRECT EXPENSES				3428.16	_____
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				3217.97	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				3382.02	_____
ALLOCATED COST ITEMS					
Cash Rent, Irr. Veg	acre	100.00	1.0000	100.00	_____
RESIDUAL RETURNS				3282.02	_____

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

*Projections for Planning Purposes Only
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B-1241 (C12)

Table 14.B Estimated resource use and costs for field operations, per acre
Onion; Hybrid Yellow Varieties, Furrow Irr.
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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	3.92	6.06	0.29	0.71	0.156	1.17				12.16
Heavy Disk	14'	150 hp	0.167	1.00	Aug	3.59	2.65	0.98	1.91	0.167	1.25				10.40
Heavy Disk	14'	150 hp	0.167	1.00	Aug	3.59	2.65	0.98	1.91	0.167	1.25				10.40
Disk Bed (Hipper)	6R-40	170 hp	0.094	1.00	Sep	2.26	1.59	0.41	0.75	0.094	0.70				5.74
Fert Appl (Liquid)	6R-40	150 hp	0.098	1.00	Oct	2.10	1.55	0.44	1.21	0.147	1.10				6.42
Fert 10-34-0	cwt											2.0000	17.42	34.84	34.84
Prefar 4E	qt											2.7500	13.44	36.96	36.96
Planter, Stanhay	6R-40	50 hp	0.235	1.00	Oct			0.03	7.01						7.05
Onion Seed	unit											1.5000	147.00	220.50	220.50
Lorsban 4E	pt											1.7500	8.22	14.38	14.38
Ditcher	standard	130 hp	0.020	1.00	Oct	0.45	0.48	0.06	0.18	0.020	0.15				1.33
Labor (Irr. Setup)	hour									0.100	0.75	0.1000			0.75
Labor (Flood)	hour			1.00	Oct					1.000	7.50	1.0000			7.50
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Cultivate (Early)	3R-80	150 hp	0.127	1.00	Oct	2.73	2.01	0.37	0.77	0.127	0.95				6.85
Spray (Band)	27'	150 hp	0.061	1.00	Nov	1.31	0.97	0.13	0.20	0.091	0.68				3.30
Dithane F-45	qt											1.0000	3.54	3.54	3.54
Diazinon AG500	pt											1.0000	5.04	5.04	5.04
Spray (Band)	27'	150 hp	0.061	1.00	Nov	1.31	0.97	0.13	0.20	0.091	0.68				3.30
Dithane F-45	qt											1.0000	3.54	3.54	3.54
Foligro	qt											1.0000	26.06	26.06	26.06
Ditcher	standard	130 hp	0.020	1.00	Nov	0.45	0.48	0.06	0.18	0.020	0.15				1.33
Labor (Irr. Setup)	hour									0.100	0.75	0.1000			0.75
Labor (Flood)	hour			1.00	Nov					1.000	7.50	1.0000			7.50
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Spray (Band)	27'	150 hp	0.061	1.00	Nov	1.31	0.97	0.13	0.20	0.091	0.68				3.30
Goal 2XL	gal											0.1000	138.43	13.84	13.84
Spray (Band)	27'	150 hp	0.061	1.00	Dec	1.31	0.97	0.13	0.20	0.091	0.68				3.30
Rovral 4f	pt											1.5000	26.05	39.07	39.07
Foligro	qt											1.0000	26.06	26.06	26.06
Lannate 1.8E	pt											1.5000			
Labor (Flood)	hour			1.00	Dec					1.000	7.50	1.0000			7.50
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00

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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-----			
Labor (Flood)	hour			1.00	Dec					1.000	7.50	1.0000			7.50
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Spray (Band)	27'	150 hp	0.061	1.00	Dec	1.31	0.97	0.13	0.20	0.091	0.68				3.30
Rovral 4f	pt											1.5000	26.05	39.07	39.07
Foligro	qt											1.0000	26.06	26.06	26.06
Lannate 1.8E	pt											1.5000			
Spray (Band)	27'	150 hp	0.061	1.00	Jan	1.31	0.97	0.13	0.20	0.091	0.68				3.30
Ridomil Gold	oz											4.0000	6.53	26.12	26.12
Foligro	qt											1.0000	26.06	26.06	26.06
Karate	oz											3.2000	2.73	8.73	8.73
Cult & Post (Late)	6R-40	150 hp	0.089	1.00	Jan	1.91	1.41	0.32	0.68	0.133	1.00				5.34
Trifluralin 4EC	pt											1.0000	3.33	3.33	3.33
UAN (32% N)	cwt											0.7800	16.00	12.48	12.48
Ditcher	standard	130 hp	0.020	1.00	Jan	0.45	0.48	0.06	0.18	0.020	0.15				1.33
Labor (Irr. Setup)	hour									0.100	0.75	0.1000			0.75
Labor (Flood)	hour			1.00	Jan					1.000	7.50	1.0000			7.50
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Spray (Band)	27'	150 hp	0.061	1.00	Jan	1.31	0.97	0.13	0.20	0.091	0.68				3.30
Bravo Ultrex	qt											1.0000	16.00	16.00	16.00
Foligro	qt											1.0000	26.06	26.06	26.06
Karate	oz											3.2000	2.73	8.73	8.73
Spray (Band)	27'	150 hp	0.061	1.00	Feb	1.31	0.97	0.13	0.20	0.091	0.68				3.30
Bravo Ultrex	qt											1.0000	16.00	16.00	16.00
Foligro	qt											1.0000	26.06	26.06	26.06
Ditcher	standard	130 hp	0.020	1.00	Feb	0.45	0.48	0.06	0.18	0.020	0.15				1.33
Labor (Irr. Setup)	hour									0.100	0.75	0.1000			0.75
Labor (Flood)	hour			1.00	Feb					1.000	7.50	1.0000			7.50
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Spray (Band)	27'	150 hp	0.061	1.00	Mar	1.31	0.97	0.13	0.20	0.091	0.68				3.30
Ridomil Gold	oz											4.0000	6.53	26.12	26.12
Foligro	qt											1.0000	26.06	26.06	26.06
Karate	oz											3.2000	2.73	8.73	8.73
Labor (Flood)	hour			1.00	Mar					1.000	7.50	1.0000			7.50
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00

*Information presented is prepared solely as a general guide & not intended to recognize or predict the costs & returns from any one operation.
Developed by Texas AgriLife Extension Service.*

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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-----				
Harvest Onions	bag		1.00	Apr								550.0000	1.65	907.50	907.50	
Drying Onions	bag		1.00	Apr								550.0000	0.33	181.50	181.50	
Pack & Count Onions	bag		1.00	Apr								550.0000	1.60	880.00	880.00	
Sale Consign. Onions	bag		1.00	Apr								550.0000	0.44	242.00	242.00	
TOTALS							33.74	28.61	5.38	17.52	9.295	69.71			2986.47	3141.46
INTEREST ON OPERATING CAPITAL															75.36	
UNALLOCATED LABOR															1.14	
TOTAL SPECIFIED COST															3217.97	

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