

Table 14.A Estimated costs and returns per acre
Onion; Hybrid Yellow Varieties, Furrow Irr.
Projected for 2013, Rio Grande Valley, For Planning Purposes

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Onions, Yellow	sack	8.00	900.0000	7200.00	_____

TOTAL INCOME				7200.00	_____
DIRECT EXPENSES					
FERTILIZER					
Fert 10-34-0	cwt	35.00	2.0000	70.00	_____
Foligro	qt	37.00	7.0000	259.00	_____
UAN (32% N)	cwt	21.10	0.7800	16.45	_____
FUNGICIDE					
Dithane F-45	qt	8.17	2.0000	16.34	_____
Rovral 4f	pt	17.72	3.0000	53.16	_____
Ridomil Gold	oz	6.22	8.0000	49.76	_____
Bravo Ultrex	qt	10.96	2.0000	21.92	_____
HERBICIDE					
Prefar 4E	qt	17.92	2.7500	49.28	_____
Goal 2XL	gal	78.96	0.1000	7.89	_____
Trifluralin 4EC	pt	3.19	1.0000	3.19	_____
INSECTICIDE/MITICIDE					
Lorsban 4E	pt	5.54	1.7500	9.69	_____
Diazinon AG500	pt	5.45	1.0000	5.45	_____
Karate	oz	3.15	9.6000	30.24	_____
IRRIGATION SUPPLIES					
Irrigation Water	ac-ft	20.00	2.8000	56.00	_____
SEED/PLANTS					
Onion Seed	unit	266.00	1.5000	399.00	_____
CUSTOM HORT. HARVEST					
Harvest Onions	bag	1.75	900.0000	1575.00	_____
Drying Onions	bag	0.44	900.0000	396.00	_____
Pack & Count Onions	bag	1.60	900.0000	1440.00	_____
Sale Consign. Onions	bag	0.55	900.0000	495.00	_____
OPERATOR LABOR					
Tractors	hour	9.00	1.5270	13.74	_____
HAND LABOR					
Implements	hour	9.00	0.3680	3.31	_____
IRRIGATION LABOR					
Labor (Flood)	hour	9.00	7.0000	63.00	_____
Labor (Irr. Setup)	hour	9.00	0.4000	3.60	_____
UNALLOCATED LABOR	hour	9.00	0.1527	1.37	_____
DIESEL FUEL					
Tractors	gal	3.25	11.4429	37.18	_____
REPAIR & MAINTENANCE					
Implements	acre	5.38	1.0000	5.38	_____
Tractors	acre	9.71	1.0000	9.71	_____
INTEREST ON OP. CAP.	acre	117.33	1.0000	117.33	_____

TOTAL DIRECT EXPENSES				5208.04	_____
RETURNS ABOVE DIRECT EXPENSES				1991.95	_____
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				5254.18	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				1945.81	_____
ALLOCATED COST ITEMS					
Cash Rent, Irr. Veg	acre	110.00	1.0000	110.00	_____
RESIDUAL RETURNS				1835.81	_____

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

Table 14.B Estimated resource use and costs for field operations, per acre
 Onion; Hybrid Yellow Varieties, Furrow Irr.
 Projected for 2013, Rio Grande Valley, For Planning Purposes

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-----															
Chisel Plow	12'	105 hp	0.156	1.00	Jul	4.89	6.06	0.29	0.71	0.156	1.40				13.36
Heavy Disk	14'	150 hp	0.167	1.00	Aug	5.07	2.65	0.98	1.91	0.167	1.50				12.13
Heavy Disk	14'	150 hp	0.167	1.00	Aug	5.07	2.65	0.98	1.91	0.167	1.50				12.13
Disk Bed (Hipper)	6R-40	170 hp	0.094	1.00	Sep	3.20	1.59	0.41	0.75	0.094	0.84				6.82
Fert Appl (Liquid)	6R-40	150 hp	0.098	1.00	Oct	2.97	1.55	0.44	1.21	0.147	1.32				7.51
Fert 10-34-0	cwt											2.0000	35.00	70.00	70.00
Prefar 4E	qt											2.7500	17.92	49.28	49.28
Planter, Stanhay	6R-40	50 hp	0.235	1.00	Oct			0.03	7.01						7.05
Onion Seed	unit											1.5000	266.00	399.00	399.00
Lorsban 4E	pt											1.7500	5.54	9.69	9.69
Ditcher	standard	130 hp	0.020	1.00	Oct	0.60	0.48	0.06	0.18	0.020	0.18				1.51
Labor (Irr. Setup)	hour									0.100	0.90	0.1000			0.90
Labor (Flood)	hour			1.00	Oct					1.000	9.00	1.0000			9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Cultivate (Early)	3R-80	150 hp	0.127	1.00	Oct	3.86	2.01	0.37	0.77	0.127	1.14				8.17
Spray (Band)	27'	150 hp	0.061	1.00	Nov	1.85	0.97	0.13	0.20	0.091	0.82				3.98
Dithane F-45	qt											1.0000	8.17	8.17	8.17
Diazinon AG500	pt											1.0000	5.45	5.45	5.45
Spray (Band)	27'	150 hp	0.061	1.00	Nov	1.85	0.97	0.13	0.20	0.091	0.82				3.98
Dithane F-45	qt											1.0000	8.17	8.17	8.17
Foligro	qt											1.0000	37.00	37.00	37.00
Ditcher	standard	130 hp	0.020	1.00	Nov	0.60	0.48	0.06	0.18	0.020	0.18				1.51
Labor (Irr. Setup)	hour									0.100	0.90	0.1000			0.90
Labor (Flood)	hour			1.00	Nov					1.000	9.00	1.0000			9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Spray (Band)	27'	150 hp	0.061	1.00	Nov	1.85	0.97	0.13	0.20	0.091	0.82				3.98
Goal 2XL	gal											0.1000	78.96	7.89	7.89
Spray (Band)	27'	150 hp	0.061	1.00	Dec	1.85	0.97	0.13	0.20	0.091	0.82				3.98
Rovral 4f	pt											1.5000	17.72	26.58	26.58
Foligro	qt											1.0000	37.00	37.00	37.00
Lannate 1.8E	pt											1.5000			
Labor (Flood)	hour			1.00	Dec					1.000	9.00	1.0000			9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Labor (Flood)	hour			1.00	Dec					1.000	9.00	1.0000			9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Spray (Band)	27'	150 hp	0.061	1.00	Dec	1.85	0.97	0.13	0.20	0.091	0.82				3.98
Rovral 4f	pt											1.5000	17.72	26.58	26.58
Foligro	qt											1.0000	37.00	37.00	37.00
Lannate 1.8E	pt											1.5000			
Spray (Band)	27'	150 hp	0.061	1.00	Jan	1.85	0.97	0.13	0.20	0.091	0.82				3.98
Ridomil Gold	oz											4.0000	6.22	24.88	24.88
Foligro	qt											1.0000	37.00	37.00	37.00
Karate	oz											3.2000	3.15	10.08	10.08
Cult & Post (Late)	6R-40	150 hp	0.089	1.00	Jan	2.70	1.41	0.32	0.68	0.133	1.20				6.33
Trifluralin 4EC	pt											1.0000	3.19	3.19	3.19
UAN (32% N)	cwt											0.7800	21.10	16.45	16.45
Ditcher	standard	130 hp	0.020	1.00	Jan	0.60	0.48	0.06	0.18	0.020	0.18				1.51
Labor (Irr. Setup)	hour									0.100	0.90	0.1000			0.90
Labor (Flood)	hour			1.00	Jan					1.000	9.00	1.0000			9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Spray (Band)	27'	150 hp	0.061	1.00	Jan	1.85	0.97	0.13	0.20	0.091	0.82				3.98
Bravo Ultrex	qt											1.0000	10.96	10.96	10.96
Foligro	qt											1.0000	37.00	37.00	37.00
Karate	oz											3.2000	3.15	10.08	10.08
Spray (Band)	27'	150 hp	0.061	1.00	Feb	1.85	0.97	0.13	0.20	0.091	0.82				3.98
Bravo Ultrex	qt											1.0000	10.96	10.96	10.96
Foligro	qt											1.0000	37.00	37.00	37.00
Ditcher	standard	130 hp	0.020	1.00	Feb	0.60	0.48	0.06	0.18	0.020	0.18				1.51
Labor (Irr. Setup)	hour									0.100	0.90	0.1000			0.90
Labor (Flood)	hour			1.00	Feb					1.000	9.00	1.0000			9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Spray (Band)	27'	150 hp	0.061	1.00	Mar	1.85	0.97	0.13	0.20	0.091	0.82				3.98
Ridomil Gold	oz											4.0000	6.22	24.88	24.88
Foligro	qt											1.0000	37.00	37.00	37.00
Karate	oz											3.2000	3.15	10.08	10.08
Labor (Flood)	hour			1.00	Mar					1.000	9.00	1.0000			9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Harvest Onions	bag			1.00	Apr							900.0000	1.75	1575.00	1575.00
Drying Onions	bag			1.00	Apr							900.0000	0.44	396.00	396.00
Pack & Count Onions	bag			1.00	Apr							900.0000	1.60	1440.00	1440.00
Sale Consign. Onions	bag			1.00	Apr							900.0000	0.55	495.00	495.00
TOTALS						46.90	28.61	5.38	17.52	9.295	83.65			4953.38	5135.48
INTEREST ON OPERATING CAPITAL															117.33
UNALLOCATED LABOR															1.37
TOTAL SPECIFIED COST															5254.18

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