

Table 11.D Estimated costs and returns per acre
Spring Onions
Furrow Irrigated, Far West Texas, 2011

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Spring Onions	bag	15.00	750.0000	11250.00	_____

TOTAL INCOME				11250.00	_____
DIRECT EXPENSES					
FERTILIZERS					
Urea, Solid (46% N)	cwt	24.86	0.5000	12.43	_____
Phosphate 0-46-0	lb	0.55	100.0000	55.00	_____
N-32 in Water	lb	0.18	100.0000	18.00	_____
FUNGICIDES					
Quadris	oz	2.69	19.0000	51.21	_____
HERBICIDES					
Glyphosate	pt	1.44	2.0000	2.88	_____
INSECTICIDES					
Mustang Max	oz	1.56	31.0000	48.36	_____
SEED/PLANTS					
Onion Seed	lb	60.00	3.0000	180.00	_____
CUSTOM HIRE					
Custom Apply Fert	acre	4.00	1.0000	4.00	_____
Harv pk mkt onions	bag	4.25	750.0000	3187.50	_____
Operator Labor					
Tractors	hour	12.00	1.5142	18.20	_____
Irrigation Labor					
Trans-Pecos Fur Elec	hour	11.00	0.6382	7.04	_____
Hand Labor					
Implements	hour	10.00	0.1761	1.75	_____
DIESEL FUEL					
Tractors	gal	2.46	15.1037	37.16	_____
ELECTRICITY					
Trans-Pecos Fur Elec	kWh	0.15	2425.5096	363.84	_____
GASOLINE					
Pickup	gal	3.00	3.2160	9.64	_____
REPAIR & MAINTENANCE					
Implements	acre	7.17	1.0000	7.17	_____
Tractors	acre	4.92	1.0000	4.92	_____
Pickup	ea	1200.00	0.0013	1.60	_____
Trans-Pecos Fur Elec	ac-in	0.11	48.0000	5.51	_____
INTEREST ON OP. CAP.	acre	52.10	1.0000	52.10	_____

TOTAL DIRECT EXPENSES				4068.31	_____
RETURNS ABOVE DIRECT EXPENSES				7181.69	_____
FIXED EXPENSES					
Implements	acre	13.64	1.0000	13.64	_____
Tractors	acre	33.43	1.0000	33.43	_____
Pickup	each	5846.54	0.0003	1.95	_____
Trans-Pecos Fur Elec	each	4133.72	0.0083	34.45	_____

TOTAL FIXED EXPENSES				83.47	_____

TOTAL SPECIFIED EXPENSES				4151.78	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				7098.22	_____
RESIDUAL ITEMS					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				7058.22	_____

Note: Cost of production estimates are based on last year's input price

Table 11.A Estimated resource use and costs for field operations, per acre
 Spring Onions
 Furrow Irrigated, Far West Texas, 2011

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
-----dollars-----															
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	1.79	1.44	1.05	0.69	0.08	0.99				5.96
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	2.29	1.98	0.50	1.15	0.07	0.84				6.76
Moldbord Plow	5 bottom	MFWD 170	0.366	1.00	Sep	11.63	7.68	0.88	1.10	0.36	4.40				25.69
Heavy Disk	27'	MFWD 190	0.075	1.00	Sep	2.08	1.79	0.56	1.28	0.07	0.91				6.62
Custom Apply Fert	acre			1.00	Sep							1.0000	4.00	4.00	4.00
Urea, Solid (46% N)	cbt											0.5000	24.86	12.43	12.43
Phosphate 0-46-0	lb											100.0000	0.55	55.00	55.00
Heavy Disk	27'	MFWD 190	0.075	2.00	Oct	4.17	3.58	1.12	2.56	0.15	1.82				13.25
Spray (Bcast/HB/HD)	40'	MFWD 170	0.042	1.00	Oct	1.04	0.89	0.36	0.47	0.06	0.72				3.48
Glyphosate	pt											2.0000	1.44	2.88	2.88
Mustang Max	oz											4.0000	1.56	6.24	6.24
Lister	8 row	MFWD 130	0.060	1.00	Oct	1.45	0.94	0.14	0.18	0.06	0.72				3.43
Disk Bed (Hipper)Rdg	8R-40	MFWD 190	0.070	1.00	Oct	1.93	1.66	0.21	0.59	0.07	0.84				5.23
Field Cultivate	32'	MFWD 190	0.046	1.00	Oct	1.28	1.11	0.17	0.77	0.04	0.56				3.89
Plant - Rigid	8R-40	MFWD 170	0.070	1.00	Oct	1.74	1.48	0.50	1.05	0.14	1.55				6.32
Onion Seed	lb											3.0000	60.00	180.00	180.00
Cultivate	8R-40	MFWD 190	0.077	1.00	Nov	2.13	1.83	0.25	0.72	0.07	0.93				5.86
N-32 in Water	lb											50.0000	0.18	9.00	9.00
Cultivate	8R-40	MFWD 190	0.077	1.00	Jan	2.13	1.83	0.25	0.72	0.07	0.93				5.86
N-32 in Water	lb											50.0000	0.18	9.00	9.00
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	Feb	1.04	0.89	0.17	0.23	0.06	0.72				3.05
Quadris	oz											15.0000	2.69	40.43	40.43
Mustang Max	oz											4.0000	1.56	6.24	6.24
Cultivate	8R-40	MFWD 190	0.077	1.00	Feb	2.13	1.83	0.25	0.72	0.07	0.93				5.86
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	Mar	1.04	0.89	0.17	0.23	0.06	0.72				3.05
Mustang Max	oz											4.0000	1.56	6.24	6.24
Cultivate	8R-40	MFWD 190	0.077	1.00	Mar	2.13	1.83	0.25	0.72	0.07	0.93				5.86
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	Apr	1.04	0.89	0.17	0.23	0.06	0.72				3.05
Mustang Max	oz											4.0000	1.56	6.24	6.24
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	1.04	0.89	0.17	0.23	0.06	0.72				3.05
Quadris	oz											4.0000	2.69	10.78	10.78
Mustang Max	oz											15.0000	1.56	23.40	23.40
Harv pk mkt onions	bag			1.00	May							750.0000	4.25	3187.50	3187.50
Pickup	each			1.00	Jan						1.95	0.0003			1.95
Application 1	ea								5.62			0.0006			5.62
Application 2	ea								5.62			0.0006			5.62
Trans-Pecos Fur Elec	each			1.00	Jan						34.45	0.0083			34.45
Application 1	ac-in								46.17	0.07	0.88	6.0000			47.05
Application 2	ac-in								46.17	0.07	0.88	6.0000			47.05
Application 3	ac-in								46.17	0.07	0.88	6.0000			47.05
Application 4	ac-in								46.17	0.07	0.88	6.0000			47.05
Application 5	ac-in								46.17	0.07	0.88	6.0000			47.05
Application 6	ac-in								92.33	0.15	1.76	12.0000			94.09
Application 7	ac-in								46.17	0.07	0.88	6.0000			47.05
TOTALS						42.08	33.43	387.76	50.04	2.32	26.99			3559.38	4099.68
INTEREST ON OPERATING CAPITAL															52.10
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															4151.78

Note: Cost of production estimates are based on last year's input prices.