

Table 15.A Estimated costs and returns per acre
 Watermelon, Seedless; Plastic Mulch, Drip Irr.
 Projected for 2008, Rio Grande Valley, Irrigation Dist, For

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Watermelon, seedless	cwt	7.25	200.0000	1450.00	_____

TOTAL INCOME				1450.00	_____
DIRECT EXPENSES					
FERTILIZER					
Phosphorus(46% P2O5)	cwt	17.95	1.3000	23.33	_____
UAN (32% N)	cwt	13.00	1.0000	13.00	_____
FUNGICIDE					
Bravo Ultrex	qt	12.50	1.0000	12.50	_____
Quadris	oz	2.29	32.0000	73.28	_____
HERBICIDE					
Trifluralin 4EC	pt	2.48	2.7500	6.82	_____
INSECTICIDE/MITICIDE					
Thiodan 3 EC	qt	9.09	1.0000	9.09	_____
IRRIGATION SUPPLIES					
DripTape (2 seasons)	feet	0.00	6550.0000	52.40	_____
Irrigation Water	ac-ft	20.00	1.1340	22.68	_____
sulfuric acid	oz	0.01	26.0000	0.39	_____
SEED/PLANTS					
Hybrid Wtrmelon seed	lb	145.00	0.1800	26.10	_____
Watermelon Seedlings	thou	61.50	12.0000	738.00	_____
HORT. SUPPLIES					
Plastic Mulch, 3x4K'	roll	60.00	0.6100	36.60	_____
Bee Rental	hive	75.00	1.0000	75.00	_____
HIRED LABOR CREW					
Transplant melons	hour	3.43	8.0000	27.44	_____
Pickup plastic	hour	3.43	8.0000	27.44	_____
CUSTOM HORT. HARVEST					
Harvest/Sell Wtrmlns	cwt	3.00	200.0000	600.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	1.1240	8.43	_____
HAND LABOR					
Implements	hour	7.50	0.5010	3.75	_____
IRRIGATION LABOR					
Drip Trailer System	hour	7.50	0.1890	1.41	_____
UNALLOCATED LABOR	hour	7.50	0.8992	6.74	_____
DIESEL FUEL					
Tractors	gal	2.80	8.4445	23.64	_____
Drip Trailer System	gal	2.80	113.4000	317.52	_____
REPAIR & MAINTENANCE					
Implements	acre	4.61	1.0000	4.61	_____
Tractors	acre	6.69	1.0000	6.69	_____
Drip Trailer System	hour	0.05	94.5000	4.72	_____
INTEREST ON OP. CAP.	acre	63.70	1.0000	63.70	_____
TOTAL DIRECT EXPENSES				2185.33	_____
RETURNS ABOVE DIRECT EXPENSES				-735.33	_____
FIXED EXPENSES					
Implements	acre	9.50	1.0000	9.50	_____
Tractors	acre	19.71	1.0000	19.71	_____
Drip Trailer System	hour	1.21	94.5000	114.34	_____
TOTAL FIXED EXPENSES				143.56	_____
TOTAL SPECIFIED EXPENSES				2328.89	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-878.89	_____
ALLOCATED COST ITEMS					
Cash Rent, Irr. Veg	acre	100.00	1.0000	100.00	_____
RESIDUAL RETURNS				-978.89	_____

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

Table 15.B Estimated resource use and costs for field operations, per acre
 Watermelon, Seedless; Plastic Mulch, Drip Irr.
 Projected for 2008, Rio Grande Valley, Irrigation Dist, 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-----					
Drip Trailer System	hour			1.00	Apr			11.93	4.23	0.007	0.05	3.5000				16.22	
Irrigation Water	ac-ft											0.0420	20.00	0.84		0.84	
sulfuric acid	oz											1.0000	0.01	0.01		0.01	
Drip Trailer System	hour			1.00	Apr			11.93	4.23	0.007	0.05	3.5000				16.22	
Irrigation Water	ac-ft											0.0420	20.00	0.84		0.84	
sulfuric acid	oz											1.0000	0.01	0.01		0.01	
Drip Trailer System	hour			1.00	Apr			11.93	4.23	0.007	0.05	3.5000				16.22	
Irrigation Water	ac-ft											0.0420	20.00	0.84		0.84	
sulfuric acid	oz											1.0000	0.01	0.01		0.01	
Spray (Band)	27'	150 hp	0.061	1.00	Apr	1.64	0.97	0.13	0.20	0.091	0.68					3.63	
Quadris	oz											16.0000	2.29	36.64		36.64	
Thiodan 3 EC	qt											1.0000	9.09	9.09		9.09	
Drip Trailer System	hour			1.00	Apr			11.93	4.23	0.007	0.05	3.5000				16.22	
Irrigation Water	ac-ft											0.0420	20.00	0.84		0.84	
sulfuric acid	oz											1.0000	0.01	0.01		0.01	
Drip Trailer System	hour			1.00	Apr			11.93	4.23	0.007	0.05	3.5000				16.22	
Irrigation Water	ac-ft											0.0420	20.00	0.84		0.84	
sulfuric acid	oz											1.0000	0.01	0.01		0.01	
Drip Trailer System	hour			1.00	Apr			11.93	4.23	0.007	0.05	3.5000				16.22	
Irrigation Water	ac-ft											0.0420	20.00	0.84		0.84	
sulfuric acid	oz											1.0000	0.01	0.01		0.01	
Drip Trailer System	hour			1.00	Apr			11.93	4.23	0.007	0.05	3.5000				16.22	
Irrigation Water	ac-ft											0.0420	20.00	0.84		0.84	
sulfuric acid	oz											1.0000	0.01	0.01		0.01	
Harvest/Sell Wtrmlns	cwt			1.00	May							200.0000	3.00	600.00		600.00	
Pickup plastic	hour			1.00	Jun							8.0000	3.43	27.44		27.44	
TOTALS						30.33	19.71	326.85	123.85	1.814	13.60					1744.07	2258.44
INTEREST ON OPERATING CAPITAL																	63.70
UNALLOCATED LABOR																	6.74
TOTAL SPECIFIED COST																	2328.89

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