

Table 17.A Estimated costs and returns per acre  
Watermelon, Seedless; Plastic Mulch, Drip Irr., Well  
Projected for 2013, Rio Grande Valley, For Planning Purposes

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Watermelon, seedless	cwt	15.00	450.0000	6750.00	_____
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TOTAL INCOME				6750.00	_____
DIRECT EXPENSES					
FERTILIZER					
Phosphorus (46% P2O5)	cwt	29.30	1.3000	38.09	_____
UAN (32% N)	cwt	21.10	1.0000	21.10	_____
FUNGICIDE					
Bravo Ultrex	qt	10.96	1.0000	10.96	_____
Quadris	oz	2.47	32.0000	79.04	_____
HERBICIDE					
Trifluralin 4EC	pt	3.19	2.7500	8.77	_____
INSECTICIDE/MITICIDE					
Thiodan 3 EC	qt	8.92	1.0000	8.92	_____
IRRIGATION SUPPLIES					
DripTape (2 seasons)	feet	0.00	6550.0000	52.40	_____
sulfuric acid	oz	0.01	26.0000	0.39	_____
SEED/PLANTS					
Hybrid Wtrmelon seed	lb	170.00	0.1800	30.60	_____
Watermelon Seedlings	thou	80.00	12.0000	960.00	_____
HORT. SUPPLIES					
Plastic Mulch, 3x4K'	roll	68.00	0.6100	41.48	_____
Bee Rental	hive	85.00	1.0000	85.00	_____
HIRED LABOR CREW					
Transplant melons	hour	9.00	8.0000	72.00	_____
Pickup plastic	hour	9.00	8.0000	72.00	_____
CUSTOM HORT. HARVEST					
Harvest/Sell Wtrmlns	cwt	3.30	450.0000	1485.00	_____
OPERATOR LABOR					
Tractors	hour	9.00	1.1240	10.11	_____
HAND LABOR					
Implements	hour	9.00	0.5010	4.50	_____
IRRIGATION LABOR					
Drip Trailer System	hour	9.00	0.1890	1.70	_____
UNALLOCATED LABOR	hour	9.00	0.8992	8.09	_____
DIESEL FUEL					
Tractors	gal	3.25	8.4445	27.44	_____
Drip Trailer System	gal	3.25	113.4000	368.55	_____
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	90.59	1.0000	90.59	_____
TOTAL DIRECT EXPENSES				3492.79	_____
RETURNS ABOVE DIRECT EXPENSES				3257.20	_____
FIXED EXPENSES					
Implements	acre	9.50	1.0000	9.50	_____
Tractors	acre	19.71	1.0000	19.71	_____
Well, 300 feet	acre	21.91	1.0000	21.91	_____
Drip Trailer System	hour	1.21	94.5000	114.34	_____
TOTAL FIXED EXPENSES				165.47	_____
TOTAL SPECIFIED EXPENSES				3658.27	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				3091.72	_____
ALLOCATED COST ITEMS					
Cash Rent, Irr. Veg	acre	110.00	1.0000	110.00	_____
RESIDUAL RETURNS				2981.72	_____

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

*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.*

