

Table 17.A Estimated costs and returns per acre  
 Watermelon, Seedless; Plastic Mulch, Drip Irr., Well  
 Projected for 2009, South Texas, For Planning Purposes Only

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	44.87	1.3000	58.33	_____
UAN (32% N)	cwt	36.00	1.0000	36.00	_____
FUNGICIDE					
Bravo Ultrex	qt	16.00	1.0000	16.00	_____
Quadris	oz	2.93	32.0000	93.76	_____
HERBICIDE					
Trifluralin 4EC	pt	3.17	2.7500	8.71	_____
INSECTICIDE/MITICIDE					
Thiodan 3 EC	qt	11.64	1.0000	11.64	_____
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	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	7.50	8.0000	60.00	_____
Pickup plastic	hour	7.50	8.0000	60.00	_____
CUSTOM HORT. HARVEST					
Harvest/Sell Wtrmlns	cwt	3.30	200.0000	660.00	_____
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	68.74	1.0000	68.74	_____
				-----	
TOTAL DIRECT EXPENSES				2379.23	_____
RETURNS ABOVE DIRECT EXPENSES				-929.23	_____
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				2544.70	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-1094.70	_____
ALLOCATED COST ITEMS					
Cash Rent, Irr. Veg	acre	100.00	1.0000	100.00	_____
RESIDUAL RETURNS				-1194.70	_____

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

Table 17.B Estimated resource use and costs for field operations, per acre  
Recreation, Sweetens Plastic Mulch, Drip Irr., Well  
Projected for 2009, South Texas, For Planning Purposes Only

OPERATING/OPERATING INPUT	SIZE/UNIT	TRACTOR SIZE	FERT TIMES		TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT		TOTAL COST
			DATE	MTR	DISCRET	FIXED	DISCRET	FIXED	HOURS	COST	AMOUNT	PRICE	
Heavy Disk	14'	150 hp	0.187	1.00	Oct	4.49	2.45	0.98	1.91	0.167	1.28	11.30	
Chain Plow	16'	130 hp	0.117	1.00	Oct	3.18	2.80	0.27	0.66	0.117	0.87	7.82	
Heavy Disk	14'	150 hp	0.187	1.00	Oct	4.49	2.45	0.98	1.91	0.167	1.28	11.30	
80" Row Disk	38-80	150 hp	0.094	1.00	Oct	2.53	1.49	0.55	1.00	0.094	0.70	6.29	
Order seedlings order					1.00	Dec					0.1800	149.00	26.10
Hydri Waterline inst		150 hp	0.098	1.00	Dec	2.63	1.95	0.44	1.27	0.147	1.10	7.01	
Fert Appl (liquid) 38-80		150 hp	0.098	1.00	Dec	2.63	1.95	0.44	1.27	0.147	1.10	7.01	
Stimulant(48) 2201 cut		130 hp	0.110	1.00	Dec	2.99	2.64	0.44	1.14	0.440	3.30	10.32	
Inch/Dripage Layer 38-80		150 hp	0.187	1.00	Dec	4.49	2.45	0.98	1.91	0.167	1.28	11.30	
Trifluro (3 manure) use		150 hp	0.041	1.00	Dec	1.64	0.97	0.13	0.20	0.091	0.68	3.63	
Plastic Mulch, 36M roll		150 hp	0.041	1.00	Dec	1.64	0.97	0.13	0.20	0.091	0.68	3.63	
Spray (hand) 27'		150 hp	0.061	1.00	Apr	1.64	0.97	0.13	0.20	0.091	0.68	3.63	
Trifluro 48C	qt				1.00	Jan					2.7800	3.17	8.71
Well, 300 feet	acre				1.00	Jan					0.1000		20.91
Drip Tractor System	hour				1.00	Feb	11.93	4.23	0.007	0.05	3.5000		16.22
Watermelon Seedlings throu					1.00	Feb	11.93	4.23	0.007	0.05	12.0000	61.50	738.00
Transplant melons	hour				1.00	Feb	11.93	4.23	0.007	0.05	8.0000	7.50	60.00
Irrigation, Well 82D inch		1.00	Feb		11.93	4.23	0.007	0.05			0.5000		16.22
Drip Tractor System	hour				1.00	Feb	11.93	4.23	0.007	0.05	3.5000		16.22
Irrigation, Well 82D inch					1.00	Feb	11.93	4.23	0.007	0.05	0.5000		16.22
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