

Table 12.A Estimated costs and returns per acre  
 Cantaloupe; Plastic Mulch, Drip Irr.  
 Projected for 2013, Rio Grande Valley, For Planning Purposes

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cantaloupes	crtn	8.00	400.0000	3200.00	_____
				-----	
TOTAL INCOME				3200.00	_____
DIRECT EXPENSES					
FERTILIZER					
Phosphorus (46% P2O5)	cwt	29.30	1.5000	43.95	_____
UAN (32% N)	cwt	21.10	3.7400	78.91	_____
FUNGICIDE					
Bravo Ultrex	qt	10.96	1.0000	10.96	_____
Quadris	oz	2.47	32.0000	79.04	_____
HERBICIDE					
Prefar 4E	qt	17.92	2.7500	49.28	_____
INSECTICIDE/MITICIDE					
Admire	gal	326.40	0.1250	40.80	_____
Thiodan 3 EC	qt	8.92	1.0000	8.92	_____
IRRIGATION SUPPLIES					
DripTape (2 seasons)	feet	0.00	6550.0000	52.40	_____
Irrigation Water	ac-ft	20.00	1.1760	23.52	_____
sulfuric acid	oz	0.01	27.0000	0.40	_____
SEED/PLANTS					
Cantaloupe Seeds	lb	130.00	0.8300	107.90	_____
Cantaloupe Seedlings	thou	33.50	13.0000	435.50	_____
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 Cantaloupe	crtn	1.38	400.0000	552.00	_____
Pack & Count Cantal.	crtn	2.53	400.0000	1012.00	_____
Sales Consign. Canta	crtn	0.55	400.0000	220.00	_____
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	0.1960	1.76	_____
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	117.6000	382.20	_____
REPAIR & MAINTENANCE					
Implements	acre	4.61	1.0000	4.61	_____
Tractors	acre	6.69	1.0000	6.69	_____
Drip Trailer System	hour	0.05	98.0000	4.90	_____
INTEREST ON OP. CAP.	acre	91.49	1.0000	91.49	_____
				-----	
TOTAL DIRECT EXPENSES				3527.90	_____
RETURNS ABOVE DIRECT EXPENSES				-327.90	_____
FIXED EXPENSES					
Implements	acre	9.50	1.0000	9.50	_____
Tractors	acre	19.71	1.0000	19.71	_____
Drip Trailer System	hour	1.21	98.0000	118.58	_____
				-----	
TOTAL FIXED EXPENSES				147.80	_____
				-----	
TOTAL SPECIFIED EXPENSES				3675.70	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-475.70	_____
ALLOCATED COST ITEMS					
Cash Rent, Irr. Veg	acre	110.00	1.0000	110.00	_____
RESIDUAL RETURNS				-585.70	_____

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

Table 12.B Estimated resource use and costs for field operations, per acre  
 Cantaloupe; Plastic Mulch, Drip Irr.  
 Projected for 2013, Rio Grande Valley, For Planning Purposes

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	
						-----dollars-----				-----dollars-----		-----dollars-----		
Heavy Disk	14'	150 hp	0.167	1.00	Oct	5.07	2.65	0.98	1.91	0.167	1.50			12.13
Chisel Plow	16'	130 hp	0.117	1.00	Oct	3.54	2.80	0.27	0.66	0.117	1.05			8.34
Heavy Disk	14'	150 hp	0.167	1.00	Oct	5.07	2.65	0.98	1.91	0.167	1.50			12.13
80" Row Disk	38-80	150 hp	0.094	1.00	Oct	2.85	1.49	0.55	1.00	0.094	0.84			6.76
Order seedlings	order				Dec							1.0000		
Cantaloupe Seeds	lb											0.8300	130.00	107.90
Fert Appl (Liquid)	38-80	150 hp	0.098	1.00	Dec	2.97	1.55	0.44	1.27	0.147	1.32			7.57
Phosphorus(45% P2O5)	cwt											1.5000	29.30	43.95
Pelch/Driptape Layer	38-80	130 hp	0.110	1.00	Dec	3.32	2.64	0.44	1.14	0.440	3.96			11.51
Driptape (2 seasons) feet												6550.0000	0.00	52.40
Plastic Mulch, 3x3x' roll												0.6100	68.00	41.48
Spray (Band)	27'	150 hp	0.061	1.00	Dec	1.85	0.97	0.13	0.20	0.091	0.82			3.98
Prefar 4E	qt											2.7500	17.92	49.28
Drip Trailer System	hour				Jan							3.5000		18.12
Cantaloupe Seedlings thru												13.0000	33.50	435.50
Transplant melons	hour											8.0000	9.00	72.00
Irrigation Water	ac-ft											0.0420	20.00	0.84
Drip Trailer System	hour				Feb							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
UAN (32% N)	cwt											0.3400	21.10	7.17
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Feb							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
UAN (32% N)	cwt											0.3400	21.10	7.17
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Feb							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
UAN (32% N)	cwt											0.3400	21.10	7.17
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Feb							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
UAN (32% N)	cwt											0.3400	21.10	7.17
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Feb							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
UAN (32% N)	cwt											0.3400	21.10	7.17
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Feb							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
UAN (32% N)	cwt											0.3400	21.10	7.17
sulfuric acid	oz											1.0000	0.01	0.01
Admin	gal											0.1250	326.40	40.80
Drip Trailer System	hour				Feb							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
UAN (32% N)	cwt											0.3400	21.10	7.17
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Feb							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
UAN (32% N)	cwt											0.3400	21.10	7.17
sulfuric acid	oz											1.0000	0.01	0.01
Cultivate (Early)	38-80	150 hp	0.127	1.00	Mar	3.86	2.01	0.37	0.77	0.127	1.14			8.17
Bravo Ultrex	qt											0.5000	10.96	5.48
Drip Trailer System	hour				Mar							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
UAN (32% N)	cwt											0.3400	21.10	7.17
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Mar							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
UAN (32% N)	cwt											0.3400	21.10	7.17
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Mar							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
UAN (32% N)	cwt											0.3400	21.10	7.17
sulfuric acid	oz											1.0000	0.01	0.01
Spray (Band)	27'	150 hp	0.061	1.00	Mar	1.85	0.97	0.13	0.20	0.091	0.82			3.98
Bravo Ultrex	qt											0.5000	10.96	5.48
Bee Rental	hive				Mar							1.0000	85.00	85.00
Drip Trailer System	hour				Mar							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Mar							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Mar							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
UAN (32% N)	cwt											0.3400	21.10	7.17
sulfuric acid	oz											1.0000	0.01	0.01
Spray (Band)	27'	150 hp	0.061	1.00	Mar	1.85	0.97	0.13	0.20	0.091	0.82			3.98
Quadriz	oz											16.0000	2.47	39.52
Ambush 2E	oz											8.0000		39.52
Drip Trailer System	hour				Apr							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Apr							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Apr							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Apr							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Apr							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Apr							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Apr							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Apr							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Apr							3.5000		18.12
Irrigation Water	ac-ft											0.0420	20.00	0.84
sulfuric acid	oz											1.0000	0.01	0.01
Drip Trailer System	hour				Apr							3.5000		