

Table 12.A Estimated costs and returns per acre
 Cantaloupe; Plastic Mulch, Drip Irr.
 Projected for 2011, Rio Grande Valley, For Planning Purpose

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cantaloupes	crtn	10.00	600.0000	6000.00	_____
TOTAL INCOME				6000.00	_____
DIRECT EXPENSES					
FERTILIZER					
Phosphorus(46% P2O5)	cwt	38.00	1.5000	57.00	_____
UAN (32% N)	cwt	38.00	3.7400	142.12	_____
FUNGICIDE					
Bravo Ultrex	qt	16.00	1.0000	16.00	_____
Quadris	oz	2.93	32.0000	93.76	_____
HERBICIDE					
Prefar 4E	qt	13.44	2.7500	36.96	_____
INSECTICIDE/MITICIDE					
Admire	gal	711.68	0.1250	88.96	_____
Thiodan 3 EC	qt	12.22	1.0000	12.22	_____
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	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 Cantaloupe	crtn	1.38	600.0000	828.00	_____
Pack & Count Cantal.	crtn	2.53	600.0000	1518.00	_____
Sales Consign. Canta	crtn	0.55	600.0000	330.00	_____
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	0.1960	1.47	_____
UNALLOCATED LABOR	hour	7.50	0.8992	6.74	_____
DIESEL FUEL					
Tractors	gal	2.50	8.4445	21.11	_____
Drip Trailer System	gal	2.50	117.6000	294.00	_____
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	106.90	1.0000	106.90	_____
TOTAL DIRECT EXPENSES				4432.96	_____
RETURNS ABOVE DIRECT EXPENSES				1567.03	_____
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				4580.76	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				1419.23	_____
ALLOCATED COST ITEMS					
Cash Rent, Irr. Veg	acre	100.00	1.0000	100.00	_____
RESIDUAL RETURNS				1319.23	_____

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

Projections for Planning Purposes Only
 Not to be Used without Updating after January 1, 2011

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Table 12.B Estimated resource use and costs for field operations, per acre
 Cantaloupe; Plastic Mulch, Drip Irr.
 Projected for 2011, Rio Grande Valley, For Planning Purposes Only

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Heavy Disk	14'	150 hp	0.167	1.00	Oct	4.10	2.65	0.98	1.91	0.167	1.25					10.91
Chisel Plow	16'	130 hp	0.117	1.00	Oct	2.95	2.80	0.27	0.66	0.117	0.87					7.58
Heavy Disk	14'	150 hp	0.167	1.00	Oct	4.10	2.65	0.98	1.91	0.167	1.25					10.91
80" Row Disk	3R-80	150 hp	0.094	1.00	Oct	2.31	1.49	0.55	1.00	0.094	0.70					6.07
Order seedlings	order			1.00	Dec									1.0000		
Cantaloupe Seeds	lb												0.8300	130.00	107.90	107.90
Fert Appl (Liquid)	3R-80	150 hp	0.098	1.00	Dec	2.41	1.55	0.44	1.27	0.147	1.10					6.79
Phosphorus(46% P2O5) cwt													1.5000	38.00	57.00	57.00
Pmlch/Driptape Layer	3R-80	130 hp	0.110	1.00	Dec	2.77	2.64	0.44	1.14	0.440	3.30					10.30
DripTape (2 seasons) feet													6550.0000	0.00	52.40	52.40
Plastic Mulch, 3x4K' roll													0.6100	60.00	36.60	36.60
Spray (Band)	27'	150 hp	0.061	1.00	Dec	1.50	0.97	0.13	0.20	0.091	0.68					3.49
Prefar 4E	qt												2.7500	13.44	36.96	36.96
Drip Trailer System	hour			1.00	Jan				10.67	4.23	0.007	0.05			3.5000	14.96
Cantaloupe Seedlings thou													13.0000	33.50	435.50	435.50
Transplant melons	hour												8.0000	7.50	60.00	60.00
Irrigation Water	ac-ft												0.0420	20.00	0.84	0.84
Drip Trailer System	hour			1.00	Feb				10.67	4.23	0.007	0.05			3.5000	14.96
Irrigation Water	ac-ft												0.0420	20.00	0.84	0.84
UAN (32% N)	cwt												0.3400	38.00	12.92	12.92
sulfuric acid	oz												1.0000	0.01	0.01	0.01
Drip Trailer System	hour			1.00	Feb				10.67	4.23	0.007	0.05			3.5000	14.96
Irrigation Water	ac-ft												0.0420	20.00	0.84	0.84
UAN (32% N)	cwt												0.3400	38.00	12.92	12.92
sulfuric acid	oz												1.0000	0.01	0.01	0.01
Drip Trailer System	hour			1.00	Feb				10.67	4.23	0.007	0.05			3.5000	14.96
Irrigation Water	ac-ft												0.0420	20.00	0.84	0.84
UAN (32% N)	cwt												0.3400	38.00	12.92	12.92
sulfuric acid	oz												1.0000	0.01	0.01	0.01
Drip Trailer System	hour			1.00	Feb				10.67	4.23	0.007	0.05			3.5000	14.96
Irrigation Water	ac-ft												0.0420	20.00	0.84	0.84
UAN (32% N)	cwt												0.3400	38.00	12.92	12.92
sulfuric acid	oz												1.0000	0.01	0.01	0.01
Admire	gal												0.1250	711.68	88.96	88.96
Drip Trailer System	hour			1.00	Feb				10.67	4.23	0.007	0.05			3.5000	14.96
Irrigation Water	ac-ft												0.0420	20.00	0.84	0.84

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UAN (32% N)	cwt										0.3400	38.00	12.92	12.92	
sulfuric acid	oz										1.0000	0.01	0.01	0.01	
Drip Trailer System	hour		1.00	Feb				10.67	4.23	0.007	0.05	3.5000		14.96	
Irrigation Water	ac-ft											0.0420	20.00	0.84	0.84
UAN (32% N)	cwt											0.3400	38.00	12.92	12.92
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Cultivate (Early)	3R-80	150 hp	0.127	1.00	Mar	3.12	2.01	0.37	0.77	0.127	0.95			7.24	
Bravo Ultrex	qt											0.5000	16.00	8.00	8.00
Drip Trailer System	hour		1.00	Mar				10.67	4.23	0.007	0.05	3.5000		14.96	
Irrigation Water	ac-ft											0.0420	20.00	0.84	0.84
UAN (32% N)	cwt											0.3400	38.00	12.92	12.92
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour		1.00	Mar				10.67	4.23	0.007	0.05	3.5000		14.96	
Irrigation Water	ac-ft											0.0420	20.00	0.84	0.84
UAN (32% N)	cwt											0.3400	38.00	12.92	12.92
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour		1.00	Mar				10.67	4.23	0.007	0.05	3.5000		14.96	
Irrigation Water	ac-ft											0.0420	20.00	0.84	0.84
UAN (32% N)	cwt											0.3400	38.00	12.92	12.92
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour		1.00	Mar				10.67	4.23	0.007	0.05	3.5000		14.96	
Irrigation Water	ac-ft											0.0420	20.00	0.84	0.84
UAN (32% N)	cwt											0.3400	38.00	12.92	12.92
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Spray (Band)	27'	150 hp	0.061	1.00	Mar	1.50	0.97	0.13	0.20	0.091	0.68			3.49	
Bravo Ultrex	qt											0.5000	16.00	8.00	8.00
Bee Rental	hive		1.00	Mar								1.0000	75.00	75.00	75.00
Drip Trailer System	hour		1.00	Mar				10.67	4.23	0.007	0.05	3.5000		14.96	
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	Mar				10.67	4.23	0.007	0.05	3.5000		14.96	
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	Mar				10.67	4.23	0.007	0.05	3.5000		14.96	
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	Mar				10.67	4.23	0.007	0.05	3.5000		14.96	
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	Mar				10.67	4.23	0.007	0.05	3.5000		14.96	
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				10.67	4.23	0.007	0.05	3.5000		14.96	
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	1.50	0.97	0.13	0.20	0.091	0.68			3.49	
Quadris	oz											16.0000	2.93	46.88	46.88
Ambush 2E	oz											8.0000			
Drip Trailer System	hour		1.00	Apr				10.67	4.23	0.007	0.05	3.5000		14.96	
Irrigation Water	ac-ft											0.0420	20.00	0.84	0.84

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sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Apr									3.5000			14.96
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									3.5000			14.96
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	1.50	0.97	0.13	0.20	0.091	0.68				3.49
Quadris	oz											16.0000	2.93	46.88	46.88
Thiodan 3 EC	qt											1.0000	12.22	12.22	12.22
Drip Trailer System	hour	1.00	Apr									3.5000			14.96
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									3.5000			14.96
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									3.5000			14.96
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									3.5000			14.96
Irrigation Water	ac-ft											0.0420	20.00	0.84	0.84
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Harvest Cantaloupe	crtn	1.00	Apr									100.0000	1.38	138.00	138.00
Pack & Count Cantal.	crtn											100.0000	2.53	253.00	253.00
Sales Consign. Canta	crtn											100.0000	0.55	55.00	55.00
Drip Trailer System	hour	1.00	Apr									3.5000			14.96
Irrigation Water	ac-ft											0.0420	20.00	0.84	0.84
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Harvest Cantaloupe	crtn	1.00	May									100.0000	1.38	138.00	138.00
Pack & Count Cantal.	crtn											100.0000	2.53	253.00	253.00
Sales Consign. Canta	crtn											100.0000	0.55	55.00	55.00
Drip Trailer System	hour	1.00	May									3.5000			14.96
Irrigation Water	ac-ft											0.0420	20.00	0.84	0.84
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Harvest Cantaloupe	crtn	1.00	May									150.0000	1.38	207.00	207.00
Pack & Count Cantal.	crtn											150.0000	2.53	379.50	379.50
Sales Consign. Canta	crtn											150.0000	0.55	82.50	82.50
Drip Trailer System	hour	1.00	May									3.5000			14.96
Irrigation Water	ac-ft											0.0420	20.00	0.84	0.84
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Harvest Cantaloupe	crtn	1.00	May									150.0000	1.38	207.00	207.00
Pack & Count Cantal.	crtn											150.0000	2.53	379.50	379.50
Sales Consign. Canta	crtn											150.0000	0.55	82.50	82.50
Drip Trailer System	hour	1.00	May									3.5000			14.96
Irrigation Water	ac-ft											0.0420	20.00	0.84	0.84
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Harvest Cantaloupe	crtn	1.00	May									100.0000	1.38	138.00	138.00
Pack & Count Cantal.	crtn											100.0000	2.53	253.00	253.00
Sales Consign. Canta	crtn											100.0000	0.55	55.00	55.00
Pickup plastic	hour	1.00	Jun									8.0000	7.50	60.00	60.00

TOTALS						27.80	19.71	303.51	128.08	1.821	13.65			3974.34	4467.12
INTEREST ON OPERATING CAPITAL															106.90

UNALLOCATED LABOR
TOTAL SPECIFIED COST

6.74
4580.76

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