

Table 13.A Estimated costs and returns per acre
 Honeydew; Plastic Mulch, Drip Irr.
 Projected for 2003, Rio Grande Valley, For Planning Purpose

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Honeydews	crtn	7.54	800.0000	6032.00	_____
				6032.00	_____
TOTAL INCOME					
DIRECT EXPENSES					
FERTILIZER					
Phosphorus(46% P2O5)	cwt	13.86	1.5000	20.79	_____
UAN (32% N)	cwt	7.78	3.7400	29.09	_____
FUNGICIDE					
Bravo Ultrex	qt	12.50	1.0000	12.50	_____
Quadris	oz	2.29	32.0000	73.28	_____
HERBICIDE					
Prefar 4E	qt	10.00	2.7500	27.50	_____
INSECTICIDE/MITICIDE					
Admire	gal	550.00	0.1250	68.75	_____
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	16.23	1.1760	19.08	_____
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	3.43	8.0000	27.44	_____
Pickup plastic	hour	3.43	8.0000	27.44	_____
CUSTOM HORT. HARVEST					
Harvest Honeydews	crtn	1.00	800.0000	800.00	_____
Pack & Count Honeyd.	crtn	2.00	800.0000	1600.00	_____
Sales Consign. Hnydw	crtn	0.40	800.0000	320.00	_____
OPERATOR LABOR					
Tractors	hour	8.31	1.1240	9.34	_____
HAND LABOR					
Implements	hour	6.91	0.5010	3.46	_____
IRRIGATION LABOR					
Drip Trailer System	hour	6.91	0.1960	1.35	_____
UNALLOCATED LABOR					
	hour	8.31	0.8992	7.47	_____
DIESEL FUEL					
Tractors	gal	1.12	8.4445	9.45	_____
Drip Trailer System	gal	1.12	117.6000	131.71	_____
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	122.68	1.0000	122.68	_____
				4044.46	_____
TOTAL DIRECT EXPENSES				4044.46	_____
RETURNS ABOVE DIRECT EXPENSES				1987.53	_____
FIXED EXPENSES					
Implements	acre	9.93	1.0000	9.93	_____
Tractors	acre	20.88	1.0000	20.88	_____
Drip Trailer System	hour	1.21	98.0000	118.58	_____
				149.39	_____
TOTAL FIXED EXPENSES				149.39	_____
TOTAL SPECIFIED EXPENSES				4193.86	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				1838.13	_____
ALLOCATED COST ITEMS					
Cash Rent, Irr. Veg	acre	100.00	1.0000	100.00	_____
RESIDUAL RETURNS				1738.13	_____

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

Table 13.B Estimated resource use and costs for field operations, per acre
 Honeydew; Plastic Mulch, Drip Irr.
 Projected for 2003, Rio Grande Valley, For Planning Purposes Only

INPUT OPERATION/ ----- OPERATING INPUT COST	SIZE/ TOTAL UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING	
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE
-----dollars-----						-----dollars-----				dollars			
Heavy Disk 9.51	14'	150 hp	0.167	1.00	Oct	2.33	2.80	0.98	2.00	0.167	1.38		
Chisel Plow 6.81	16'	130 hp	0.117	1.00	Oct	1.87	2.99	0.27	0.70	0.117	0.97		
Heavy Disk 9.51	14'	150 hp	0.167	1.00	Oct	2.33	2.80	0.98	2.00	0.167	1.38		
80" Row Disk 5.27	3R-80	150 hp	0.094	1.00	Oct	1.31	1.58	0.55	1.04	0.094	0.78		
Order seedlings	order			1.00	Dec								1.0000
Cantaloupe Seeds 107.90 107.90	lb												0.8300 130.00
Fert Appl (Liquid) 5.93	3R-80	150 hp	0.098	1.00	Dec	1.36	1.64	0.44	1.32	0.147	1.15		
Phosphorus(46% P2O5) cwt 20.79 20.79													1.5000 13.86
Mulch/Driptape Layer 9.42	3R-80	130 hp	0.110	1.00	Dec	1.76	2.81	0.44	1.21	0.440	3.19		
DripTape (2 seasons) feet 52.40 52.40												6550.0000	0.00
Plastic Mulch, 3x4K' roll 36.60 36.60												0.6100	60.00
Spray (Band) 2.94	27'	150 hp	0.061	1.00	Dec	0.85	1.02	0.13	0.20	0.091	0.71		
Prefar 4E 27.50 27.50	qt											2.7500	10.00
Drip Trailer System 9.16	hour			1.00	Jan			4.87	4.23	0.007	0.04	3.5000	
Cantaloupe Seedlings thou 435.50 435.50												13.0000	33.50
Transplant melons 27.44 27.44	hour											8.0000	3.43
Irrigation Water 0.68 0.68	ac-ft											0.0420	16.23
Drip Trailer System 9.16	hour			1.00	Feb			4.87	4.23	0.007	0.04	3.5000	
Irrigation Water 0.68 0.68	ac-ft											0.0420	16.23
UAN (32% N) 2.64 2.64	cwt											0.3400	7.78
sulfuric acid 0.01 0.01	oz											1.0000	0.01
Drip Trailer System 9.16	hour			1.00	Feb			4.87	4.23	0.007	0.04	3.5000	
Irrigation Water 0.68 0.68	ac-ft											0.0420	16.23
UAN (32% N) 2.64 2.64	cwt											0.3400	7.78
sulfuric acid 0.01 0.01	oz											1.0000	0.01
Drip Trailer System 9.16	hour			1.00	Feb			4.87	4.23	0.007	0.04	3.5000	
Irrigation Water 0.68 0.68	ac-ft											0.0420	16.23
UAN (32% N) 2.64 2.64	cwt											0.3400	7.78
sulfuric acid 0.01 0.01	oz											1.0000	0.01
Drip Trailer System 9.16	hour			1.00	Feb			4.87	4.23	0.007	0.04	3.5000	
Irrigation Water 0.68 0.68	ac-ft											0.0420	16.23
UAN (32% N) 2.64 2.64	cwt											0.3400	7.78
sulfuric acid 0.01 0.01	oz											1.0000	0.01
Admire 68.75 68.75	gal											0.1250	550.00
Drip Trailer System 9.16	hour			1.00	Feb			4.87	4.23	0.007	0.04	3.5000	

Projections for Planning Purposes Only
 Not to be Used without Updating after February 15, 2003

B-1241 (C12)

Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
UAN (32% N)	cwt											0.3400	7.78	2.64	2.64
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Feb									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
UAN (32% N)	cwt											0.3400	7.78	2.64	2.64
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Cultivate (Early)	3R-80	150 hp	0.127	1.00	Mar	1.77	2.13	0.37	0.81	0.127	1.05				6.15
Bravo Ultrex	qt											0.5000	12.50	6.25	6.25
Drip Trailer System	hour	1.00	Mar									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
UAN (32% N)	cwt											0.3400	7.78	2.64	2.64
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Mar									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
UAN (32% N)	cwt											0.3400	7.78	2.64	2.64
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Mar									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
UAN (32% N)	cwt											0.3400	7.78	2.64	2.64
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Mar									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
UAN (32% N)	cwt											0.3400	7.78	2.64	2.64
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Spray (Band)	27'	150 hp	0.061	1.00	Mar	0.85	1.02	0.13	0.20	0.091	0.71				2.94
Bravo Ultrex	qt											0.5000	12.50	6.25	6.25
Bee Rental	hive											1.0000	75.00	75.00	75.00
Drip Trailer System	hour	1.00	Mar									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Mar									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Mar									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Mar									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Mar									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Apr									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Spray (Band)	27'	150 hp	0.061	1.00	Apr	0.85	1.02	0.13	0.20	0.091	0.71				2.94
Quadris	oz											16.0000	2.29	36.64	36.64
Ambush 2E	oz											8.0000			
Drip Trailer System	hour	1.00	Apr									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Apr									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Apr									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Apr									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Apr									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68
sulfuric acid	oz											1.0000	0.01	0.01	0.01
Drip Trailer System	hour	1.00	Apr									3.5000			9.16
Irrigation Water	ac-ft											0.0420	16.23	0.68	0.68

Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation. These projections were collected and developed by staff members of Texas Cooperative Extension and approved for publication.

