

Projections for Planning Purposes Only -- Not to be Used without Updating
2025 Estimated Costs and Returns per Acre
Honeydew, Plastic Mulch, Drip Irrigated, Rio Grande Valley
South Extension District - 12

Crop Acres		40				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Honeydews		800.00	Carton	\$10.20	\$8,160.00	\$326,400.00
Total Revenue					\$8,160.00	\$326,400.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise
Production Costs						Total
Fertilizer						
Phosphorus (46% P2O5)		1.5	CWT	\$40.50	\$60.75	\$2,430.00
UAN (32% N)		3.74	CWT	\$19.00	\$71.06	\$2,842.40
Custom						
Bee Rental		1	Hive	\$85.00	\$85.00	\$3,400.00
Harvest Honeydew		800	Carton	\$2.50	\$2,000.00	\$80,000.00
Pack and Count Honeydew		800	Carton	\$3.50	\$2,800.00	\$112,000.00
Miscellaneous						
DripTape (2 seasons)		6550	Foot	\$0.03	\$208.95	\$8,357.80
Plastic Mulch, 3x4K'		0.61	Roll	\$198.00	\$120.78	\$4,831.20
Sulfuric Acid		27	Ounce	\$0.22	\$5.99	\$239.55
Herbicide						
Prefar 4E		2.75	Quart	\$23.80	\$65.44	\$2,617.45
Seed						
Honeydew Seeds		0.83	Pound	\$634.80	\$526.88	\$21,075.31
Honeydew Seedlings		13	Thousand	\$35.00	\$455.00	\$18,200.00
Other Labor						
Unallocated Labor		0.8992	Hour	\$15.00	\$13.49	\$539.52
Transplant Melons		8	Hour	\$15.00	\$120.00	\$4,800.00
Pickup Plastic		8	Hour	\$15.00	\$120.00	\$4,800.00
Insecticide						
Admire Pro		0.4375	Pint	\$26.28	\$11.50	\$459.90
Asana XL		5.8	Ounce	\$0.62	\$3.62	\$144.91
Fungicides						
Bravo Ultrex		1	Pound	\$10.23	\$10.23	\$409.30
Quadris		32	Ounce	\$1.56	\$49.99	\$1,999.50
Irrigation						
Water Cost		1.18	Acre/Foot	\$33.01	\$38.82	\$1,552.64
Irrigation Labor		0.20	Hour	\$17.50	\$3.43	\$137.20
Machinery Labor						
Tractors/Self-Propelled		1.36	Hour	\$17.21	\$23.41	\$936.22
Other Labor		0.41	Hour	\$17.21	\$7.06	\$282.24
Diesel Fuel						
Tractors/Self-Propelled		8.86	Gallon	\$3.60	\$31.90	\$1,275.84
Repairs & Maintenance						
Tractors/Self-Propelled		1	Acre	\$20.92	\$20.92	\$836.79
Implements		1	Acre	\$11.23	\$11.23	\$449.29
Interest on Credit Line				8.50%	\$168.45	\$6,737.83
Total Variable Costs					\$7,033.87	\$281,354.89
Planned Returns Above Variable Costs:					\$1,126.13	\$45,045.11
Breakeven Price to Cover Variable Costs				\$8.79	Carton	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise
Machinery Depreciation						Total
Tractors/Self-Propelled		1	Acre	\$21.62	\$21.62	\$864.68
Implements		1	Acre	\$12.28	\$12.28	\$491.10
Equipment Investment						
Tractors/Self-Propelled		\$168.40	Dollars	8.50%	\$14.31	\$572.57
Implements		\$62.99	Dollars	8.50%	\$5.35	\$214.17
Cash Rent, Irrigated Vegetables		1	Acre	\$110.00	\$110.00	\$4,400.00
Total Fixed Costs					\$163.56	\$6,542.52
Total Specified Costs					\$7,197.44	\$287,897.41
Returns Above Specified Costs					\$962.56	\$38,502.59
Breakeven Price to Cover Total Costs				\$9.00	Carton	

Example Breakeven Prices			
Exmplk Yield Percent	Example Yield Carton	To Cover Variable Costs	To Cover Total Costs
75%	600.00	\$11.72	\$12.00
90%	720.00	\$9.77	\$10.00
100%	800.00	\$8.79	\$9.00
110%	880.00	\$7.99	\$8.18
125%	1000.00	\$7.03	\$7.20

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Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.