

**2024 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	\$9.00	\$7,200.00	\$288,000.00	
<b>Total Revenue</b>				<b>\$7,200.00</b>	<b>\$288,000.00</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
<b>Production Costs</b>						
Fertilizer						
Phosphorus (46% P2O5)	1.5	CWT	\$43.15	\$64.73	\$2,589.00	
UAN (32% N)	3.74	CWT	\$33.95	\$126.97	\$5,078.92	
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			8.00%	\$160.18	\$6,407.22	
<b>Total Variable Costs</b>				<b>\$7,085.50</b>	<b>\$283,419.80</b>	
<b>Planned Returns Above Variable Costs:</b>				<b>\$114.50</b>	<b>\$4,580.20</b>	
Breakeven Price to Cover Variable Costs			\$8.86	Carton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation						
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	8.00%	\$13.47	\$538.89	
Implements	\$62.99	Dollars	8.00%	\$5.04	\$201.57	
Cash Rent, Irrigated Vegetables	1	Acre	\$110.00	\$110.00	\$4,400.00	
<b>Total Fixed Costs</b>				<b>\$162.41</b>	<b>\$6,496.24</b>	
<b>Total Specified Costs</b>				<b>\$7,247.90</b>	<b>\$289,916.05</b>	
<b>Returns Above Specified Costs</b>				<b>(\$47.90)</b>	<b>(\$1,916.05)</b>	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$9.06</b>	Carton		

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

**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.**