

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

Crop Acres		40				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total	
Cantaloupes	400.00	Carton	\$12.47	\$4,988.00		\$199,520.00	
<b>Total Revenue</b>				<b>\$4,988.00</b>		<b>\$199,520.00</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise	
<b>Production Costs</b>							
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 Cantaloupe	400	Carton	\$3.50	\$1,400.00		\$56,000.00	
Pack and Count Cantaloupe	400	Carton	\$3.50	\$1,400.00		\$56,000.00	
Seed							
Cantaloupe Seedlings	24	Thousand	\$25.00	\$600.00		\$24,000.00	
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	
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	3.00	Hour	\$17.50	\$52.50		\$2,100.00	
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	8.78	Gallon	\$3.60	\$31.61		\$1,264.32	
Repairs & Maintenance							
Tractors/Self-Propelled	1	Acre	\$20.52	\$20.52		\$820.62	
Implements	1	Acre	\$11.23	\$11.23		\$449.29	
Interest on Credit Line			8.50%	\$68.06		\$2,722.21	
<b>Total Variable Costs</b>				<b>\$4,599.98</b>		<b>\$183,999.08</b>	
<b>Planned Returns Above Variable Costs:</b>				<b>\$388.02</b>		<b>\$15,520.92</b>	
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$11.50</b>	<b>Carton</b>			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise	
Machinery Depreciation							
Tractors/Self-Propelled	1	Acre	\$21.20	\$21.20		\$847.98	
Implements	1	Acre	\$12.28	\$12.28		\$491.10	
Equipment Investment							
Tractors/Self-Propelled	\$165.15	Dollars	8.50%	\$14.04		\$561.51	
Implements	\$62.99	Dollars	8.50%	\$5.35		\$214.17	
Cash Rent, Irrigated Vegetables	1	Acre	\$110.00	\$110.00		\$4,400.00	
<b>Total Fixed Costs</b>				<b>\$162.87</b>		<b>\$6,514.75</b>	
<b>Total Specified Costs</b>				<b>\$4,762.85</b>		<b>\$190,513.83</b>	
<b>Returns Above Specified Costs</b>				<b>\$225.15</b>		<b>\$9,006.17</b>	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$11.91</b>	<b>Carton</b>			

**Example Breakeven Prices**

Example Yield Percent	Example Yield Carton	To Cover Variable Costs	To Cover Total Costs
75%	300.00	\$15.33	\$15.88
90%	360.00	\$12.78	\$13.23
100%	400.00	\$11.50	\$11.91
110%	440.00	\$10.45	\$10.82
125%	500.00	\$9.20	\$9.53

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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.*