

**2022 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	\$9.50	\$3,800.00	\$152,000.00	\$152,000.00	
<b>Total Revenue</b>				<b>\$3,800.00</b>	<b>\$152,000.00</b>	<b>\$152,000.00</b>	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise	
<b>Production Costs</b>							
Fertilizer							
Phosphorus (46% P2O5)	1.5	CWT	\$43.15	\$64.73	\$2,589.00	\$2,589.00	
UAN (32% N)	3.74	CWT	\$33.95	\$126.97	\$5,078.92	\$5,078.92	
Custom							
Bee Rental	1	Hive	\$85.00	\$85.00	\$3,400.00	\$3,400.00	
Harvest Cantaloupe	400	Carton	\$3.50	\$1,400.00	\$56,000.00	\$56,000.00	
Pack and Count Cantaloupe	400	Carton	\$3.50	\$1,400.00	\$56,000.00	\$56,000.00	
Seed							
Cantaloupe Seedlings	24	Thousand	\$25.00	\$600.00	\$24,000.00	\$24,000.00	
Miscellaneous							
DripTape (2 seasons)	6550	Foot	\$0.03	\$208.95	\$8,357.80	\$8,357.80	
Plastic Mulch, 3x4K'	0.61	Roll	\$198.00	\$120.78	\$4,831.20	\$4,831.20	
Sulfuric Acid	27	Ounce	\$0.22	\$5.99	\$239.55	\$239.55	
Herbicide							
Prefar 4E	2.75	Quart	\$23.80	\$65.44	\$2,617.45	\$2,617.45	
Other Labor							
Unallocated Labor	0.8992	Hour	\$15.00	\$13.49	\$539.52	\$539.52	
Transplant Melons	8	Hour	\$15.00	\$120.00	\$4,800.00	\$4,800.00	
Pickup Plastic	8	Hour	\$15.00	\$120.00	\$4,800.00	\$4,800.00	
Insecticide							
Admire Pro	0.4375	Pint	\$26.28	\$11.50	\$459.90	\$459.90	
Asana XL	5.8	Ounce	\$0.62	\$3.62	\$144.91	\$144.91	
Fungicides							
Bravo Ultrex	1	Pound	\$10.23	\$10.23	\$409.30	\$409.30	
Quadris	32	Ounce	\$1.56	\$49.99	\$1,999.50	\$1,999.50	
Irrigation							
Water Cost	1.18	Acre/Foot	\$33.01	\$38.82	\$1,552.64	\$1,552.64	
Irrigation Labor	3.00	Hour	\$15.00	\$45.00	\$1,800.00	\$1,800.00	
Machinery Labor							
Tractors/Self-Propelled	1.36	Hour	\$15.00	\$20.40	\$816.00	\$816.00	
Other Labor	0.41	Hour	\$15.00	\$6.15	\$246.00	\$246.00	
Diesel Fuel							
Tractors/Self-Propelled	8.78	Gallon	\$3.07	\$26.95	\$1,078.18	\$1,078.18	
Repairs & Maintenance							
Tractors/Self-Propelled	1	Acre	\$20.52	\$20.52	\$820.62	\$820.62	
Implements	1	Acre	\$11.23	\$11.23	\$449.29	\$449.29	
Interest on Credit Line			5.00%	\$40.62	\$1,624.85	\$1,624.85	
<b>Total Variable Costs</b>				<b>\$4,616.37</b>	<b>\$184,654.63</b>	<b>\$184,654.63</b>	
Planned Returns Above Variable Costs:				<b>(\$816.37)</b>	<b>(\$32,654.63)</b>	<b>(\$32,654.63)</b>	
Breakeven Price to Cover Variable Costs			\$11.54	Carton			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise	
Machinery Depreciation							
Tractors/Self-Propelled	1	Acre	\$21.20	\$21.20	\$847.98	\$847.98	
Implements	1	Acre	\$12.28	\$12.28	\$491.10	\$491.10	
Equipment Investment							
Tractors/Self-Propelled	\$165.15	Dollars	7.00%	\$11.56	\$462.42	\$462.42	
Implements	\$62.99	Dollars	7.00%	\$4.41	\$176.37	\$176.37	
Cash Rent, Irrigated Vegetables	1	Acre	\$110.00	\$110.00	\$4,400.00	\$4,400.00	
<b>Total Fixed Costs</b>				<b>\$159.45</b>	<b>\$6,377.87</b>	<b>\$6,377.87</b>	
<b>Total Specified Costs</b>				<b>\$4,775.81</b>	<b>\$191,032.50</b>	<b>\$191,032.50</b>	
Returns Above Specified Costs				<b>(\$975.81)</b>	<b>(\$39,032.50)</b>	<b>(\$39,032.50)</b>	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$11.94</b>	Carton			

Developed by Samuel Zapata, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension, 956-968-5581.

**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.**