

**2023 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
Cantaloupes	400.00	Carton	\$9.50	\$3,800.00	\$152,000.00
Total Revenue				\$3,800.00	\$152,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
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 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	\$2.24	\$19.67	\$786.69
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			8.00%	\$65.00	\$2,599.82
Total Variable Costs				\$4,644.86	\$185,794.57
Planned Returns Above Variable Costs:				(\$844.86)	(\$33,794.57)
Breakeven Price to Cover Variable Costs			\$11.61	Carton	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
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	8.00%	\$13.21	\$528.48
Implements	\$62.99	Dollars	8.00%	\$5.04	\$201.57
Cash Rent, Irrigated Vegetables	1	Acre	\$110.00	\$110.00	\$4,400.00
Total Fixed Costs				\$161.73	\$6,469.13
Total Specified Costs				\$4,806.59	\$192,263.70
Returns Above Specified Costs				(\$1,006.59)	(\$40,263.70)
Breakeven Price to Cover Total Costs			\$12.02	Carton	

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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.