

**2023 Estimated Costs and Returns per Acre
Watermelon, Open Pollinated Varieties, Dryland, Rio Grande Valley
South Extension District - 12**

Crop Acres		40			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Watermelon, Allsweet	250.00	CWT	\$14.00	\$3,500.00	\$140,000.00
Total Revenue				\$3,500.00	\$140,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Fertilizer					
Fertilizer 10-34-0	1.5	CWT	\$39.75	\$59.63	\$2,385.00
Custom					
Bee Rental	1	Hive	\$85.00	\$85.00	\$3,400.00
Harvest and Sell Watermelons	250	CWT	\$8.50	\$2,125.00	\$85,000.00
Insecticide					
Asana XL	11.6	Ounce	\$0.62	\$7.25	\$289.82
Seed					
Watermelon Seed, OP	3	Thousand	\$7.00	\$21.00	\$840.00
Herbicide					
Trifluralin 4EC	2	Pint	\$4.75	\$9.50	\$379.80
Fungicides					
Bravo Ultrex	1	Pound	\$10.23	\$10.23	\$409.30
Quadris	32	Ounce	\$1.56	\$49.99	\$1,999.50
Other Labor					
Unallocated Labor	0.9336	Hour	\$15.00	\$14.00	\$560.16
Machinery Labor					
Tractors/Self-Propelled	1.43	Hour	\$17.21	\$24.61	\$984.41
Diesel Fuel					
Tractors/Self-Propelled	9.23	Gallon	\$2.24	\$20.68	\$827.01
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$21.52	\$21.52	\$860.62
Implements	1	Acre	\$15.92	\$15.92	\$636.79
Interest on Credit Line			8.00%	\$7.01	\$280.29
Total Variable Costs				\$2,471.32	\$98,852.70
Planned Returns Above Variable Costs:				\$1,028.68	\$41,147.30
Breakeven Price to Cover Variable Costs			\$9.89 CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$22.14	\$22.14	\$885.42
Implements	1	Acre	\$18.93	\$18.93	\$757.27
Equipment Investment					
Tractors/Self-Propelled	\$172.44	Dollars	8.00%	\$13.80	\$551.81
Implements	\$85.40	Dollars	8.00%	\$6.83	\$273.28
Cash Rent, South Texas	1	Acre	\$65.00	\$65.00	\$2,600.00
Total Fixed Costs				\$126.69	\$5,067.78
Total Specified Costs				\$2,598.01	\$103,920.48
Returns Above Specified Costs				\$901.99	\$36,079.52
Breakeven Price to Cover Total Costs			\$10.39 CWT		

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.