

2024 Estimated Costs and Returns per Acre
Watermelon, Open Pollinated Varieties, Dryland, Rio Grande Valley
South Extension District - 12

Crop Acres	40					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	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	
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	\$3.60	\$33.23	\$1,329.12	
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%	\$7.38	\$295.21	
Total Variable Costs				\$2,484.24	\$99,369.72	
Planned Returns Above Variable Costs:				\$1,015.76	\$40,630.28	
Breakeven Price to Cover Variable Costs			\$9.94	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
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				\$2,610.94	\$104,437.51	
Returns Above Specified Costs				\$889.06	\$35,562.49	
Breakeven Price to Cover Total Costs			\$10.44	CWT		

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.