

**2021 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
<b>Total Revenue</b>				<b>\$3,500.00</b>	<b>\$140,000.00</b>
				Enterprise	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
<b>Production Costs</b>					
Fertilizer					
Fertilizer 10-34-0	1.5	CWT	\$23.15	\$34.73	\$1,389.00
Custom					
Bee Rental	1	Hive	\$85.00	\$85.00	\$3,400.00
Harvest and Sell Watermelons	250	CWT	\$8.00	\$2,000.00	\$80,000.00
Insecticide					
Asana XL	11.6	Ounce	\$0.60	\$6.97	\$278.98
Seed					
Watermelon Seed, OP	3	Thousand	\$6.60	\$19.80	\$792.00
Herbicide					
Trifluralin 4EC	2	Pint	\$6.45	\$12.90	\$515.80
Fungicides					
Bravo Ultrex	1	Pound	\$10.04	\$10.04	\$401.56
Quadris	32	Ounce	\$1.44	\$46.24	\$1,849.50
Other Labor					
Unallocated Labor	0.9336	Hour	\$12.00	\$11.20	\$448.13
Machinery Labor					
Tractors/Self-Propelled	1.43	Hour	\$12.00	\$17.16	\$686.40
Diesel Fuel					
Tractors/Self-Propelled	9.23	Gallon	\$2.00	\$18.46	\$738.40
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			5.00%	\$3.85	\$154.01
<b>Total Variable Costs</b>				<b>\$2,303.78</b>	<b>\$92,151.19</b>
Planned Returns Above Variable Costs:				\$1,196.22	\$47,848.81
Breakeven Price to Cover Variable Costs			\$9.22 CWT		
				Enterprise	
FIXED COSTS	Quantity	Units	\$/Unit	Total	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	7.00%	\$12.07	\$482.84
Implements	\$85.40	Dollars	7.00%	\$5.98	\$239.12
Cash Rent, South Texas	1	Acre	\$65.00	\$65.00	\$2,600.00
<b>Total Fixed Costs</b>				<b>\$124.12</b>	<b>\$4,964.65</b>
<b>Total Specified Costs</b>				<b>\$2,427.90</b>	<b>\$97,115.83</b>
Returns Above Specified Costs				\$1,072.10	\$42,884.17
Breakeven Price to Cover Total Costs			\$9.71 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.**

