

2025 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 | \$16.80 | \$4,200.00 | \$168,000.00 | | |
| Total Revenue | | | | | \$4,200.00 | \$168,000.00 | | |
| VARIABLE COSTS | | Quantity | Units | \$/Unit | Total | Enterprise | | |
| Production Costs | | Total | | | | | | |
| 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 | | | | | | 8.50% | \$7.84 | \$313.66 |
| Total Variable Costs | | | | | \$2,484.70 | \$99,388.17 | | |
| Planned Returns Above Variable Costs: | | | | | \$1,715.30 | \$68,611.83 | | |
| 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 | 8.50% | \$14.66 | \$586.30 | | |
| Implements | | \$85.40 | Dollars | 8.50% | \$7.26 | \$290.36 | | |
| Cash Rent, South Texas | | 1 | Acre | \$85.00 | \$85.00 | \$3,400.00 | | |
| Total Fixed Costs | | | | | \$147.98 | \$5,919.35 | | |
| Total Specified Costs | | | | | \$2,632.69 | \$105,307.53 | | |
| Returns Above Specified Costs | | | | | \$1,567.31 | \$62,692.47 | | |
| Breakeven Price to Cover Total Costs | | | | \$10.53 | CWT | | | |

Developed by Manuel Garcia, Assistant Professor and Extension Specialist, 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.