

**2026 Estimated Costs and Returns per Acre
Grapefruit, Year 3, Orchard Establishment, Flood Irrigated, Rio Grande Valley
South Extension District - 12**

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Grapefruit (Rio Red)	6.00	Ton	\$490.00	\$2,940.00	\$294,000.00	
Total Revenue				\$2,940.00	\$294,000.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs						
Custom						
Foliar Application	7	Acre	\$50.00	\$350.00	\$35,000.00	
Sucker (Yr 1-3 Year)	1	Acre	\$50.00	\$50.00	\$5,000.00	
Fertilizer						
Urea (46%)	2.5	CTW	\$24.45	\$61.13	\$6,112.50	
Foliar 3-18-18	1	Gallon	\$18.00	\$18.00	\$1,799.60	
Foliar Zn	2	Pound	\$1.55	\$3.10	\$310.00	
Foliar 18-8-5	2	Gallon	\$32.38	\$64.77	\$6,476.80	
Foliar N	5	Pound	\$0.16	\$0.82	\$82.00	
Herbicide						
Simazine 4L	1	Gallon	\$26.80	\$26.80	\$2,680.00	
Krovar I 80 DF	3	Pound	\$14.21	\$42.63	\$4,263.00	
Glyphosate	9	Pint	\$1.99	\$17.91	\$1,791.00	
Seed						
Young Citrus Trees	3	Tree	\$15.00	\$45.00	\$4,500.00	
Layout and Plant	3	Tree	\$5.00	\$15.00	\$1,500.00	
Removal Citrus	3	Tree	\$25.00	\$75.00	\$7,500.00	
Treatment Removed citrus	3	Tree	\$5.00	\$15.00	\$1,500.00	
Tree Wrap/Unwrap	3	Tree	\$2.00	\$6.00	\$600.00	
Other Labor						
Costum Soil Fert. Citrus	6	Hour	\$15.00	\$90.00	\$9,000.00	
Unallocated Labor	1	Hour	\$15.00	\$15.00	\$1,500.00	
Insecticide						
Movento	30	Ounce	\$6.09	\$182.70	\$18,270.00	
Micromite	18.85	Ounce	\$1.26	\$23.75	\$2,375.10	
Vendex	8	Pound	\$65.69	\$525.52	\$52,552.00	
Agri-Mek SC	5	Ounce	\$3.90	\$19.50	\$1,950.00	
Actara	11	Ounce	\$4.50	\$49.50	\$4,950.00	
Sivanto	10	Ounce	\$3.24	\$32.40	\$3,240.00	
Esteem	10	Ounce	\$13.00	\$130.00	\$13,000.00	
Danitol	16	Ounce	\$1.95	\$31.20	\$3,120.00	
Admire Pro	0.44	Ounce	\$1.57	\$0.69	\$69.08	
Miscellaneous						
Citrus Assessment	1	Acre	\$5.00	\$5.00	\$500.00	
Insurance, Young citrus trees	150	Tree	\$0.22	\$33.00	\$3,300.00	
Other Chemicals						
Surfactant	7.41	Pint	\$6.50	\$48.17	\$4,816.50	
Fungicides						
Quadris Top	10	Ounce	\$1.56	\$15.62	\$1,562.11	
GEM	3.8	Ounce	\$8.12	\$30.87	\$3,086.91	
Headline	24	Ounce	\$1.86	\$44.63	\$4,462.50	
Pristine	16	Ounce	\$3.29	\$52.66	\$5,266.00	
Irrigation						
Water Cost	4.00	Acre/Foot	\$21.00	\$84.00	\$8,400.00	
Irrigation Labor	14.00	Hour	\$17.50	\$245.00	\$24,500.00	
Machinery Labor						
Tractors/Self-Propelled	0.8	Hour	\$17.21	\$13.77	\$1,376.80	
Other Labor	0.4	Hour	\$17.21	\$6.88	\$688.40	
Diesel Fuel						
Tractors/Self-Propelled	3.66	Gallon	\$3.60	\$13.18	\$1,317.60	
Repairs & Maintenance						
Tractors/Self-Propelled	1	Acre	\$8.79	\$8.79	\$878.51	
Implements	1	Acre	\$2.86	\$2.86	\$285.70	
Interest on Credit Line			8.48%	\$109.33	\$10,932.81	
Total Variable Costs				\$2,605.15	\$260,514.92	
Planned Returns Above Variable Costs:				\$334.85	\$33,485.08	
Breakeven Price to Cover Variable Costs			\$434.19	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation						
Tractors/Self-Propelled	1	Acre	\$9.08	\$9.08	\$907.80	
Implements	1	Acre	\$3.05	\$3.05	\$304.75	
Equipment Investment						
Tractors/Self-Propelled	\$70.72	Dollars	8.20%	\$5.80	\$579.91	
Implements	\$13.04	Dollars	8.20%	\$1.07	\$106.90	
Allocated Establishment Cost	1	Acre	\$136.19	\$136.19	\$13,619.36	
Land Cost, Orchard	1	Acre	\$100.00	\$100.00	\$10,000.00	
Total Fixed Costs				\$255.19	\$25,518.71	
Total Specified Costs				\$2,860.34	\$286,033.63	
Returns Above Specified Costs				\$79.66	\$7,966.37	
Breakeven Price to Cover Total Costs			\$476.72	Ton		

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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.