

**2026 Estimated Costs and Returns per Acre
Grapefruit, Year 4, Orchard Establishment, Flood Irrigated, Rio Grande Valley
South Extension District - 12**

Crop Acres		100		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Grapefruit (Rio Red)	10.00	Ton	\$490.00	\$4,900.00	\$490,000.00
Total Revenue				\$4,900.00	\$490,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Foliar Application	7	Acre	\$50.00	\$350.00	\$35,000.00
Prune (Yr 3-6 Year)	1	Acre	\$60.00	\$60.00	\$6,000.00
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
Insecticide					
Movento	30	Ounce	\$6.09	\$182.70	\$18,270.00
Micromite	18.8	Ounce	\$1.26	\$23.69	\$2,368.80
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
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					
Custom Soil Fert. Citrus	6	Hour	\$15.00	\$90.00	\$9,000.00
Unallocated Labor	1	Hour	\$15.00	\$15.00	\$1,500.00
Miscellaneous					
Citrus Assessment	1	Acre	\$5.00	\$5.00	\$500.00
Insurance, Grapefruit	1	Acre	\$128.67	\$128.67	\$12,866.63
Other Chemicals					
Surfactant	7.98	Pint	\$6.50	\$51.87	\$5,187.00
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%	\$115.64	\$11,564.31
Total Variable Costs				\$2,720.77	\$272,077.24
Planned Returns Above Variable Costs:				\$2,179.23	\$217,922.76
Breakeven Price to Cover Variable Costs			\$272.08	Ton	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
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				\$2,975.96	\$297,595.95
Returns Above Specified Costs				\$1,924.04	\$192,404.05
Breakeven Price to Cover Total Costs			\$297.60	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.