

2025 Estimated Costs and Returns per Acre
Grapefruit, Year 2, Orchard Establishment, Flood Irrigated, Rio Grande Valley
South Extension District - 12

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Total Revenue				\$0.00	\$0.00	
VARIABLE COSTS						
	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
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	
Tree Wrap/Unwrap	3	Tree	\$2.00	\$6.00	\$600.00	
Fertilizer						
Urea (46%)	1.25	CTW	\$26.10	\$32.63	\$3,262.50	
Foliar 18-8-5	1.32	Gallon	\$15.50	\$20.46	\$2,046.00	
Foliar Zn	0.67	Pound	\$3.50	\$2.34	\$234.49	
Herbicide						
Simazine 4L	1.25	Gallon	\$38.00	\$47.50	\$4,750.00	
Krovar I 80 DF	3	Pound	\$17.68	\$53.04	\$5,304.00	
Glyphosate	20	Pint	\$6.25	\$125.00	\$12,500.00	
Insecticide						
Sivanto	10	Ounce	\$3.28	\$32.81	\$3,280.86	
Danitol	16	Ounce	\$1.01	\$16.13	\$1,612.50	
Miscellaneous						
Citrus Assessment	1	Acre	\$5.00	\$5.00	\$500.00	
Insurance, Young citrus trees	150	Tree	\$0.22	\$33.00	\$3,300.00	
Custom						
Foliar Application	2	Acre	\$50.00	\$100.00	\$10,000.00	
Sucker (Yr 1-3 Year)	1	Acre	\$50.00	\$50.00	\$5,000.00	
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	
Other Chemicals						
Surfactant	8.28	Pint	\$7.48	\$61.89	\$6,189.30	
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			8.50%	\$56.63	\$5,662.59	
Total Variable Costs				\$1,181.89	\$118,189.24	
Planned Returns Above Variable Costs:				(\$1,181.89)	(\$118,189.24)	
Breakeven Price to Cover Variable Costs			n/a			
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	8.50%	\$6.01	\$601.12	
Implements	\$13.04	Dollars	8.50%	\$1.11	\$110.81	
Land Cost, Orchard	1	Acre	\$100.00	\$100.00	\$10,000.00	
Total Fixed Costs				\$119.24	\$11,924.48	
Total Specified Costs				\$1,301.14	\$130,113.72	
Returns Above Specified Costs				(\$1,301.14)	(\$130,113.72)	
Breakeven Price to Cover Total Costs			n/a			

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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