

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2025 Estimated Costs and Returns per Acre**  
**Grapefruit, Year 2, Orchard Establishment, Flood Irrigated, Rio Grande Valley**  
**South Extension District - 12**

Crop Acres		100			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Total Revenue				\$0.00	\$0.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
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				<u>\$1,181.89</u>	<u>\$118,189.24</u>
Planned Returns Above Variable Costs:				<u>(\$1,181.89)</u>	<u>(\$118,189.24)</u>
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				<u>\$119.24</u>	<u>\$11,924.48</u>
Total Specified Costs				<u>\$1,301.14</u>	<u>\$130,113.72</u>
Returns Above Specified Costs				<u>(\$1,301.14)</u>	<u>(\$130,113.72)</u>
Breakeven Price to Cover Total Costs			n/a		

Example Breakeven Prices			
Example Yield Percent	Example Yield	To Cover Variable Costs	To Cover Total Costs
75%	0.00	\$0.00	\$0.00
90%	0.00	\$0.00	\$0.00
100%	0.00	\$0.00	\$0.00
110%	0.00	\$0.00	\$0.00
125%	0.00	\$0.00	\$0.00

Developed by Manuel Garcia, Assistant Professor and Extension Specialist, Texas A&M AgriLife Extension, 956-968-5581  
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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**