

**2022 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
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	\$44.75	\$55.94	\$5,593.75
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	\$15.00	\$210.00	\$21,000.00
Machinery Labor					
Tractors/Self-Propelled	0.8	Hour	\$15.00	\$12.00	\$1,200.00
Other Labor	0.4	Hour	\$15.00	\$6.00	\$600.00
Diesel Fuel					
Tractors/Self-Propelled	3.66	Gallon	\$3.07	\$11.24	\$1,123.62
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			5.00%	\$33.01	\$3,301.00
Total Variable Costs				\$1,142.00	\$114,199.73
Planned Returns Above Variable Costs:				(\$1,142.00)	(\$114,199.73)
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	7.00%	\$4.95	\$495.04
Implements	\$13.04	Dollars	7.00%	\$0.91	\$91.26
Land Cost, Orchard	1	Acre	\$100.00	\$100.00	\$10,000.00
Total Fixed Costs				\$117.99	\$11,798.84
Total Specified Costs				\$1,259.99	\$125,998.57
Returns Above Specified Costs				(\$1,259.99)	(\$125,998.57)
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