

2024 Estimated Costs and Returns per Acre
Grapefruit, Year 1, 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	150	Tree	\$15.00	\$2,250.00	\$225,000.00
Layout and Plant	150	Tree	\$5.00	\$750.00	\$75,000.00
Tree Wrap/Unwrap	150	Tree	\$2.00	\$300.00	\$30,000.00
Fertilizer					
Urea (46%)	0.62	CTW	\$44.75	\$27.75	\$2,774.50
Foliar Zn	0.67	Pound	\$3.50	\$2.34	\$234.49
Foliar 18-8-5	1.32	Gallon	\$15.50	\$20.46	\$2,046.00
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					
Citrus Land Prep: Disk	1	Acre	\$35.00	\$35.00	\$3,500.00
Citrus Land Prep: Level	1	Acre	\$40.00	\$40.00	\$4,000.00
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
Land Prep. Remove Old Orchard	1	Acre	\$378.00	\$378.00	\$37,800.00
Citrus Land Prep: Root chisel	1	Acre	\$35.00	\$35.00	\$3,500.00
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	1.56	Acre/Foot	\$28.82	\$44.96	\$4,496.00
Irrigation Labor	13.00	Hour	\$17.50	\$227.50	\$22,750.00
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			8.00%	\$313.92	\$31,392.07
Total Variable Costs				\$5,099.77	\$509,976.73
Planned Returns Above Variable Costs:				(\$5,099.77)	(\$509,976.73)
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	8.00%	\$5.66	\$565.76
Implements	\$13.04	Dollars	8.00%	\$1.04	\$104.29
Land Cost, Orchard	1	Acre	\$100.00	\$100.00	\$10,000.00
Total Fixed Costs				\$118.83	\$11,882.60
Total Specified Costs				\$5,218.59	\$521,859.33
Returns Above Specified Costs				(\$5,218.59)	(\$521,859.33)
Breakeven Price to Cover Total Costs			n/a		

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

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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.