

2024 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	Enterprise
Total Revenue				\$0.00		\$0.00
VARIABLE COSTS						
	Quantity	Units	\$/Unit	Total	Total	Enterprise
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	\$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			8.00%	\$54.59		\$5,458.87
Total Variable Costs				\$1,203.17		\$120,316.78
Planned Returns Above Variable Costs:				(\$1,203.17)		(\$120,316.78)
Breakeven Price to Cover Variable Costs			n/a			
FIXED COSTS						
	Quantity	Units	\$/Unit	Total	Total	Enterprise
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				\$1,321.99		\$132,199.38
Returns Above Specified Costs				(\$1,321.99)		(\$132,199.38)
Breakeven Price to Cover Total Costs			n/a			

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

0

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