

Projections for Planning Purposes Only -- Not to be Used without Updating
2024 Estimated Costs and Returns per Acre
Trans Pecos Flood Irrigated Pecans, Years 10-20
Far West Extension District - 6

Crop Acres		50				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Pecans		1,364.00	Pound	\$2.00	\$2,728.00	\$136,400.00
Total Revenue					\$2,728.00	\$136,400.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Custom						
Hedging		0.33	Acre	\$100.00	\$33.00	\$1,650.00
Fertilizer						
Fertilizer 11-52-0		80	Pound	\$0.63	\$50.40	\$2,520.00
N-32 in Water		291.5	Pound	\$0.53	\$154.50	\$7,724.75
Zinc, Chelated 10%		24	Pint	\$1.34	\$32.16	\$1,608.00
Herbicide						
Glyphosate		16.98	Pint	\$2.13	\$36.08	\$1,804.13
Crop Oil Concentrate		16	Pint	\$2.18	\$34.80	\$1,740.00
Insecticide						
Confirm 2F		12	Ounce	\$1.54	\$18.48	\$924.00
Pilot (Lorsban 4E)		4.5	Pint	\$3.69	\$16.59	\$829.69
Other Labor						
Pecan Cleaning		4.092	Hour	\$8.50	\$34.78	\$1,739.10
Miscellaneous						
Electricity - Pecan Cleaning		920.7	kWh	\$0.17	\$156.52	\$7,825.95
Irrigation						
Energy Cost		35.20	Mcf	\$4.70	\$165.44	\$8,272.00
Irrigation Labor		0.78	Hour	\$17.50	\$13.62	\$681.10
Machinery Labor						
Tractors/Self-Propelled		3.31	Hour	\$17.21	\$56.97	\$2,848.26
Other Labor		0.75	Hour	\$17.21	\$12.91	\$645.38
Diesel Fuel						
Tractors/Self-Propelled		16.33	Gallon	\$3.60	\$58.79	\$2,939.40
Gasoline						
Pickup/General Use Equipment		1	Acre	\$20.19	\$20.19	\$1,009.26
Tractors/Self-Propelled		0.8184524	Gallon	\$3.15	\$2.58	\$128.91
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$234.49	\$234.49	\$11,724.74
Irrigation Equipment		1	Acre	\$16.40	\$16.40	\$819.81
Tractors/Self-Propelled		1	Acre	\$29.41	\$29.41	\$1,470.50
Implements		1	Acre	\$10.33	\$10.33	\$516.62
Interest on Credit Line				8.00%	\$44.85	\$2,242.72
Total Variable Costs					\$1,233.29	\$61,664.29
Planned Returns Above Variable Costs:					\$1,494.71	\$74,735.71
Breakeven Price to Cover Variable Costs					\$0.90	Pound
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
Pickup/General Use Equipment		1	Acre	\$104.53	\$104.53	\$5,226.57
Irrigation Equipment		1	Acre	\$48.64	\$48.64	\$2,432.20
Tractors/Self-Propelled		1	Acre	\$34.37	\$34.37	\$1,718.59
Implements		1	Acre	\$19.26	\$19.26	\$962.93
Equipment Investment						
Pickup/General Use Equipment	\$1,437.81		Dollars	8.00%	\$115.02	\$5,751.23
Irrigation Equipment	\$364.83		Dollars	8.00%	\$29.19	\$1,459.32
Tractors/Self-Propelled	\$289.67		Dollars	8.00%	\$23.17	\$1,158.69
Implements	\$105.52		Dollars	8.00%	\$8.44	\$422.06
Allocated Establishment Cost		1	Acre	\$287.09	\$287.09	\$14,354.50
Trans Pecos Irrigated Land		1	Acre	\$50.00	\$50.00	\$2,500.00
Total Fixed Costs					\$719.72	\$35,986.08
Total Specified Costs					\$1,953.01	\$97,650.38
Returns Above Specified Costs					\$774.99	\$38,749.62
Breakeven Price to Cover Total Costs					\$1.43	Pound

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1023.00	\$1.21	\$1.91
90%	1227.60	\$1.00	\$1.59
100%	1364.00	\$0.90	\$1.43
110%	1500.40	\$0.82	\$1.30
125%	1705.00	\$0.72	\$1.15

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

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.