

Projections for Planning Purposes Only -- Not to be Used without Updating
2023 Estimated Costs and Returns per Acre
Trans Pecos Flood Irrigated Pecans, Years 10-20
Far West Extension District - 6

Crop Acres		50			
				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Pecans	1,364.00	Pound	\$2.00	\$2,728.00	\$136,400.00
Total Revenue				\$2,728.00	\$136,400.00
				Enterprise	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	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	\$2.24	\$36.58	\$1,828.96
Gasoline					
Pickup/General Use Equipment	1	Acre	\$13.39	\$13.39	\$669.64
Tractors/Self-Propelled	0.8184524	Gallon	\$2.09	\$1.71	\$85.53
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%	\$43.90	\$2,195.08
Total Variable Costs				\$1,202.46	\$60,123.22
Planned Returns Above Variable Costs:				\$1,525.54	\$76,276.78
Breakeven Price to Cover Variable Costs			\$0.88	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	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				\$1,922.19	\$96,109.30
Returns Above Specified Costs				\$805.81	\$40,290.70
Breakeven Price to Cover Total Costs			\$1.41	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1023.00	\$1.18	\$1.88
90%	1227.60	\$0.98	\$1.57
100%	1364.00	\$0.88	\$1.41
110%	1500.40	\$0.80	\$1.28
125%	1705.00	\$0.71	\$1.13

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.