

Projections for Planning Purposes Only -- Not to be Used without Updating
2022 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	\$2.50	\$3,410.00	\$170,500.00
Total Revenue				\$3,410.00	\$170,500.00
				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	\$0.65	\$52.00	\$2,600.00
N-32 in Water	291.5	Pound	\$0.55	\$160.33	\$8,016.25
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	\$3.91	\$137.63	\$6,881.60
Irrigation Labor	0.78	Hour	\$16.38	\$12.75	\$637.51
Machinery Labor					
Tractors/Self-Propelled	2.68	Hour	\$16.12	\$43.20	\$2,160.08
Other Labor	0.58	Hour	\$16.12	\$9.35	\$467.48
Diesel Fuel					
Tractors/Self-Propelled	11.69	Gallon	\$2.67	\$31.21	\$1,560.62
Gasoline					
Pickup/General Use Equipment	1	Acre	\$16.02	\$16.02	\$801.00
Tractors/Self-Propelled	0.8184524	Gallon	\$2.50	\$2.05	\$102.31
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	\$23.31	\$23.31	\$1,165.31
Implements	1	Acre	\$8.96	\$8.96	\$447.76
Interest on Credit Line			6.30%	\$33.26	\$1,662.87
Total Variable Costs				\$1,143.36	\$57,168.20
Planned Returns Above Variable Costs:				\$2,266.64	\$113,331.80
Breakeven Price to Cover Variable Costs			\$0.84	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	\$27.89	\$27.89	\$1,394.60
Implements	1	Acre	\$16.74	\$16.74	\$836.80
Equipment Investment					
Pickup/General Use Equipment	\$1,437.81	Dollars	6.30%	\$90.58	\$4,529.09
Irrigation Equipment	\$364.83	Dollars	6.30%	\$22.98	\$1,149.21
Tractors/Self-Propelled	\$232.75	Dollars	6.30%	\$14.66	\$733.15
Implements	\$95.43	Dollars	6.30%	\$6.01	\$300.60
Allocated Establishment Cost					
Trans Pecos Irrigated Land	1	Acre	\$287.09	\$287.09	\$14,354.50
				\$50.00	\$2,500.00
Total Fixed Costs				\$669.13	\$33,456.72
Total Specified Costs				\$1,812.50	\$90,624.92
Returns Above Specified Costs				\$1,597.50	\$79,875.08
Breakeven Price to Cover Total Costs			\$1.33	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1023.00	\$1.12	\$1.77
90%	1227.60	\$0.93	\$1.48
100%	1364.00	\$0.84	\$1.33
110%	1500.40	\$0.76	\$1.21
125%	1705.00	\$0.67	\$1.06

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.