

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 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	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Herbicide						
Glyphosate	16.98	Pint	\$2.25	\$38.21	\$1,910.25	
Crop Oil Concentrate	16	Pint	\$2.53	\$40.48	\$2,024.00	
Fertilizer						
Fertilizer 11-52-0	80	Pound	\$0.25	\$20.00	\$1,000.00	
N-32 in Water	291.5	Pound	\$0.39	\$113.69	\$5,684.25	
Zinc, Chelated 10%	24	Pint	\$1.31	\$31.44	\$1,572.00	
Custom						
Hedging	0.33	Acre	\$100.00	\$33.00	\$1,650.00	
Miscellaneous						
Electricity - Pecan Cleaning	920.7	kWh	\$0.17	\$156.52	\$7,825.95	
Insecticide						
Confirm 2F	12	Ounce	\$1.54	\$18.48	\$924.00	
Lorsban 4E	4.5	Pint	\$3.91	\$17.60	\$879.75	
Other Labor						
Pecan Cleaning	4.092	Hour	\$8.50	\$34.78	\$1,739.10	
Irrigation						
Energy Cost	35.20	Mcf	\$4.00	\$140.80	\$7,040.00	
Irrigation Labor	0.78	Hour	\$11.00	\$8.56	\$428.12	
Machinery Labor						
Tractors/Self-Propelled	3.06	Hour	\$12.00	\$36.72	\$1,836.00	
Other Labor	0.76	Hour	\$8.50	\$6.46	\$323.00	
Diesel Fuel						
Tractors/Self-Propelled	15.28	Gallon	\$2.14	\$32.70	\$1,634.96	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$15.32	\$15.32	\$765.76	
Tractors/Self-Propelled	0.8184524	Gallon	\$2.39	\$1.96	\$97.81	
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	\$25.23	\$25.23	\$1,261.35	
Implements	1	Acre	\$7.64	\$7.64	\$381.80	
Interest on Credit Line			6.50%	\$22.92	\$1,146.12	
Total Variable Costs				\$1,053.38	\$52,668.75	
Planned Returns Above Variable Costs:				\$2,356.62	\$117,831.25	
Breakeven Price to Cover Variable Costs			\$0.77	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	\$30.01	\$30.01	\$1,500.53	
Implements	1	Acre	\$15.04	\$15.04	\$751.95	
Equipment Investment						
Pickup/General Use Equipment	\$1,437.81	Dollars	6.50%	\$93.46	\$4,672.87	
Irrigation Equipment	\$364.83	Dollars	6.50%	\$23.71	\$1,185.70	
Tractors/Self-Propelled	\$250.60	Dollars	6.50%	\$16.29	\$814.46	
Implements	\$71.54	Dollars	6.50%	\$4.65	\$232.50	
Allocated Establishment Cost	1	Acre	\$287.09	\$287.09	\$14,354.50	
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$2,000.00	
Total Fixed Costs				\$663.43	\$33,171.29	
Total Specified Costs				\$1,716.80	\$85,840.05	
Returns Above Specified Costs				\$1,693.20	\$84,659.95	
Breakeven Price to Cover Total Costs			\$1.26	Pound		

Example Breakeven Prices			
Exampkt Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1023.00	\$1.03	\$1.68
90%	1227.60	\$0.86	\$1.40
100%	1364.00	\$0.77	\$1.26
110%	1500.40	\$0.70	\$1.14
125%	1705.00	\$0.62	\$1.01

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

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.