

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 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	Enterprise Total
Pecans	1,364.00	Pound	\$2.69	\$3,669.16	\$183,458.00	\$183,458.00
Total Revenue				\$3,669.16	\$183,458.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Production Costs						
Herbicide						
Glyphosate	16.98	Pint	\$2.04	\$34.60	\$1,729.84	
Crop Oil Concentrate	16	Pint	\$1.98	\$31.68	\$1,584.00	
Fertilizer						
Fertilizer 11-52-0	80	Pound	\$0.29	\$22.80	\$1,140.00	
N-32 in Water	291.5	Pound	\$0.42	\$122.95	\$6,147.74	
Zinc, Chelated 10%	24	Pint	\$1.34	\$32.16	\$1,608.00	
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	
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	
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	3.05	Hour	\$12.00	\$36.60	\$1,830.00	
Other Labor	0.75	Hour	\$8.50	\$6.38	\$318.75	
Diesel Fuel						
Tractors/Self-Propelled	15.21	Gallon	\$2.99	\$45.48	\$2,273.90	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$18.52	\$18.52	\$925.96	
Tractors/Self-Propelled	0.8184524	Gallon	\$2.89	\$2.37	\$118.27	
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	\$1,261.74	
Implements	1	Acre	\$7.82	\$7.82	\$390.90	
Interest on Credit Line			6.50%	\$23.45	\$1,172.49	
Total Variable Costs				\$1,069.66	\$53,482.98	
Planned Returns Above Variable Costs:				\$2,599.50	\$129,975.02	
Breakeven Price to Cover Variable Costs			\$0.78	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	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	\$29.97	\$29.97	\$1,498.45	
Implements	1	Acre	\$15.49	\$15.49	\$774.37	
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	\$250.09	Dollars	6.50%	\$16.26	\$812.78	
Implements	\$73.91	Dollars	6.50%	\$4.80	\$240.22	
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				\$663.95	\$33,197.64	
Total Specified Costs				\$1,733.61	\$86,680.62	
Returns Above Specified Costs				\$1,935.55	\$96,777.38	
Breakeven Price to Cover Total Costs			\$1.27	Pound		

Example Breakeven Prices			
Exampkt Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1023.00	\$1.05	\$1.69
90%	1227.60	\$0.87	\$1.41
100%	1364.00	\$0.78	\$1.27
110%	1500.40	\$0.71	\$1.16
125%	1705.00	\$0.63	\$1.02

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.