

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 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
Pecans	1,364.00	Pound	\$2.50	\$3,410.00	\$170,500.00	\$170,500.00
Total Revenue				\$3,410.00	\$170,500.00	\$170,500.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
<b>Herbicide</b>						
Glyphosate	16.98	Pint	\$2.12	\$36.00	\$1,799.88	\$1,799.88
Crop Oil Concentrate	16	Pint	\$1.48	\$23.68	\$1,184.00	\$1,184.00
<b>Fertilizer</b>						
Fertilizer 11-52-0	80	Pound	\$0.39	\$31.20	\$1,560.00	\$1,560.00
N-32 in Water	291.5	Pound	\$0.41	\$119.52	\$5,975.75	\$5,975.75
Zinc, Chelated 10%	24	Pint	\$1.34	\$32.16	\$1,608.00	\$1,608.00
<b>Custom</b>						
Hedging	0.33	Acre	\$100.00	\$33.00	\$1,650.00	\$1,650.00
<b>Miscellaneous</b>						
Electricity - Pecan Cleaning	920.7	kWh	\$0.17	\$156.52	\$7,825.95	\$7,825.95
<b>Insecticide</b>						
Confirm 2F	12	Ounce	\$1.54	\$18.48	\$924.00	\$924.00
Pilot (Lorsban 4E)	4.5	Pint	\$3.69	\$16.59	\$829.69	\$829.69
<b>Other Labor</b>						
Pecan Cleaning	4.092	Hour	\$8.50	\$34.78	\$1,739.10	\$1,739.10
<b>Irrigation</b>						
Energy Cost	35.20	Mcf	\$5.61	\$197.47	\$9,873.60	\$9,873.60
Irrigation Labor	0.78	Hour	\$15.00	\$11.68	\$583.80	\$583.80
<b>Machinery Labor</b>						
Tractors/Self-Propelled	3.05	Hour	\$15.00	\$45.75	\$2,287.50	\$2,287.50
Other Labor	0.75	Hour	\$15.00	\$11.25	\$562.50	\$562.50
<b>Diesel Fuel</b>						
Tractors/Self-Propelled	15.21	Gallon	\$2.60	\$39.55	\$1,977.30	\$1,977.30
<b>Gasoline</b>						
Pickup/General Use Equipment	1	Acre	\$15.38	\$15.38	\$768.96	\$768.96
Tractors/Self-Propelled	0.8184524	Gallon	\$2.40	\$1.96	\$98.21	\$98.21
<b>Repairs &amp; Maintenance</b>						
Pickup/General Use Equipment	1	Acre	\$234.49	\$234.49	\$11,724.74	\$11,724.74
Irrigation Equipment	1	Acre	\$16.40	\$16.40	\$819.81	\$819.81
Tractors/Self-Propelled	1	Acre	\$25.87	\$25.87	\$1,293.43	\$1,293.43
Implements	1	Acre	\$8.35	\$8.35	\$417.63	\$417.63
Interest on Credit Line			6.00%	\$24.12	\$1,206.15	\$1,206.15
Total Variable Costs				\$1,134.20	\$56,710.00	\$56,710.00
Planned Returns Above Variable Costs:				\$2,275.80	\$113,790.00	\$113,790.00
Breakeven Price to Cover Variable Costs			\$0.83	Pound		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Machinery Depreciation</b>						
Pickup/General Use Equipment	1	Acre	\$104.53	\$104.53	\$5,226.57	\$5,226.57
Irrigation Equipment	1	Acre	\$48.64	\$48.64	\$2,432.20	\$2,432.20
Tractors/Self-Propelled	1	Acre	\$30.68	\$30.68	\$1,534.10	\$1,534.10
Implements	1	Acre	\$16.58	\$16.58	\$828.79	\$828.79
<b>Equipment Investment</b>						
Pickup/General Use Equipment	\$1,437.81	Dollars	6.00%	\$86.27	\$4,313.42	\$4,313.42
Irrigation Equipment	\$364.83	Dollars	6.00%	\$21.89	\$1,094.49	\$1,094.49
Tractors/Self-Propelled	\$255.64	Dollars	6.00%	\$15.34	\$766.92	\$766.92
Implements	\$78.11	Dollars	6.00%	\$4.69	\$234.33	\$234.33
<b>Allocated Establishment Cost</b>						
Trans Pecos Irrigated Land	1	Acre	\$287.09	\$287.09	\$14,354.50	\$14,354.50
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$2,000.00	\$2,000.00
Total Fixed Costs				\$655.71	\$32,785.32	\$32,785.32
Total Specified Costs				\$1,789.91	\$89,495.31	\$89,495.31
Returns Above Specified Costs				\$1,620.09	\$81,004.69	\$81,004.69
Breakeven Price to Cover Total Costs			\$1.31	Pound		

Example Breakeven Prices			
Exampk Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	1023.00	\$1.11	\$1.75
90%	1227.60	\$0.92	\$1.46
100%	1364.00	\$0.83	\$1.31
110%	1500.40	\$0.76	\$1.19
125%	1705.00	\$0.67	\$1.05

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.**