

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Trans Pecos Flood Irrigated Pecans, Years 10-20 - 50 Acres
Far West Extension District - 6

Crop Acres		50				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Pecans		1,364.00	Pound	\$2.50	\$3,410.00	\$170,500.00
Total Revenue					\$3,410.00	\$170,500.00
VARIABLE COSTS						
Production Costs						
Custom						
Hedging		0.33	Acre	\$100.00	\$33.00	\$1,650.00
Fertilizer						
Fertilizer 11-52-0		80	Pound	\$0.34	\$27.20	\$1,360.00
N-32 in Water		291.5	Pound	\$0.17	\$49.56	\$2,477.75
Zinc, Chelated 10%		20	Pint	\$1.12	\$22.40	\$1,120.00
Herbicide						
Glyphosate		16.98	Pint	\$2.03	\$34.47	\$1,723.47
Crop Oil Concentrate		56	Pint	\$2.03	\$113.68	\$5,684.00
Insecticide						
Confirm 2F		12	Ounce	\$1.54	\$18.48	\$924.00
Lorsban 4E		2.5	Pint	\$5.25	\$13.13	\$656.25
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	\$4.00	\$140.80	\$7,040.00
Irrigation Labor		0.78	Hour	\$11.00	\$8.56	\$428.12
Machinery Labor						
Tractors/Self-Propelled		3.85	Hour	\$12.00	\$46.20	\$2,310.00
Diesel Fuel						
Tractors/Self-Propelled		16.25	Gallon	\$2.15	\$34.94	\$1,746.88
Gasoline						
Pickup/General Use Equipment		1	Acre	\$14.03	\$14.03	\$701.68
Tractors/Self-Propelled		0.7366076	Gallon	\$2.19	\$1.61	\$80.66
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	\$24.02	\$24.02	\$1,201.13
Implements		1	Acre	\$6.19	\$6.19	\$309.32
Interest on Credit Line				6.50%	\$19.32	\$966.08
Total Variable Costs					\$1,049.78	\$52,488.93
Planned Returns Above Variable Costs:					\$2,360.22	\$118,011.07
Breakeven Price to Cover Variable Costs				\$0.77	Pound	
FIXED COSTS						
Machinery Depreciation						
Pickup/General Use Equipment		1	Acre	\$27.21	\$27.21	\$1,360.54
Irrigation Equipment		1	Acre	\$26.93	\$26.93	\$1,346.36
Tractors/Self-Propelled		1	Acre	\$28.64	\$28.64	\$1,432.02
Implements		1	Acre	\$12.53	\$12.53	\$626.72
Equipment Investment						
Pickup/General Use Equipment		\$460.00	Dollars	6.50%	\$29.90	\$1,494.98
Irrigation Equipment		\$403.91	Dollars	6.50%	\$26.25	\$1,312.70
Tractors/Self-Propelled		\$347.43	Dollars	6.50%	\$22.58	\$1,129.14
Implements		\$106.87	Dollars	6.50%	\$6.95	\$347.32
Allocated Establishment Cost						
Trans Pecos Irrigated Land		1	Acre	\$101.55	\$101.55	\$5,077.50
Total Fixed Costs					\$322.55	\$16,127.28
Total Specified Costs					\$1,372.32	\$68,616.21
Returns Above Specified Costs					\$2,037.68	\$101,883.79
Breakeven Price to Cover Total Costs				\$1.01	Pound	

Example Breakeven Prices						
Example Yield Percent	Example Yield Pound	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share/Tenant	Own/Rent	Share/Tenant	Landlord
75%	1023.00	\$1.03	\$1.03	\$1.34	\$1.34	\$0.00
90%	1227.60	\$0.86	\$0.86	\$1.12	\$1.12	\$0.00
100%	1364.00	\$0.77	\$0.77	\$1.01	\$1.01	\$0.00
110%	1500.40	\$0.70	\$0.70	\$0.91	\$0.91	\$0.00
125%	1705.00	\$0.62	\$0.62	\$0.80	\$0.80	\$0.00

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

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.