

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2015 Estimated Costs and Returns per Acre**  
**Pecan (Operational) - 100 Acres**  
**Southwest Extension District - 10**

Crop Acres		100		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Pecans	950.00	Pound	\$2.50	\$2,375.00	\$237,500.00
Total Revenue				\$2,375.00	\$237,500.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
<b>Production Costs</b>					
<b>Fertilizer</b>					
Fertilizer 11-52-0	80	Pound	\$0.34	\$27.20	\$2,720.00
N-32 in Water	308.5	Pound	\$0.17	\$52.45	\$5,244.50
Zinc, Chelated 10%	20	Pint	\$1.12	\$22.40	\$2,240.00
<b>Custom</b>					
Hedging	0.33	Acre	\$100.00	\$33.00	\$3,300.00
<b>Miscellaneous</b>					
Miscellaneous Pecan Overhead	1	Acre	\$4.00	\$4.00	\$400.00
Electricity - Pecan Cleaning	641.25	KWhour	\$0.17	\$109.01	\$10,901.25
Pecan Cleaning Repairs	950	Pound	\$0.17	\$161.09	\$16,109.00
Crop Insurance - Pecans	1	Acre	\$38.00	\$38.00	\$3,800.00
<b>Insecticide</b>					
Confirm 2F	12	Ounce	\$1.54	\$18.48	\$1,848.00
Lorsban 4E	2.5	Pint	\$5.25	\$13.13	\$1,312.50
<b>Herbicide</b>					
Glyphosate	16.98	Pint	\$2.03	\$34.47	\$3,446.94
<b>Other Chemicals</b>					
Crop Oil Concentrate	64	Pint	\$2.03	\$129.92	\$12,992.00
<b>Other Labor</b>					
Pecan Cleaning	2.85	Hour	\$8.50	\$24.23	\$2,422.50
<b>Irrigation</b>					
Energy Cost	35.20	Mcf	\$4.00	\$140.80	\$14,080.00
Irrigation Labor	0.78	Hour	\$11.00	\$8.60	\$859.76
<b>Machinery Labor</b>					
Tractors/Self-Propelled	2.99	Hour	\$12.00	\$35.88	\$3,588.00
<b>Diesel Fuel</b>					
Tractors/Self-Propelled	12.79	Gallon	\$2.15	\$27.50	\$2,749.85
<b>Gasoline</b>					
Pickup/General Use Equipment	1	Acre	\$157.60	\$157.60	\$15,760.00
Tractors/Self-Propelled	0.818452	Gallon	\$2.19	\$1.79	\$179.24
<b>Repairs &amp; Maintenance</b>					
Pickup/General Use Equipment	1	Acre	\$32.16	\$32.16	\$3,216.00
Irrigation Equipment	1	Acre	\$16.40	\$16.40	\$1,640.00
Tractors/Self-Propelled	1	Acre	\$22.34	\$22.34	\$2,234.33
Implements	1	Acre	\$5.82	\$5.82	\$581.85
Interest on Credit Line			6.50%	\$21.18	\$2,118.10
Total Variable Costs				\$1,137.44	\$113,743.82
<b>Planned Returns Above Variable Costs:</b>				\$1,237.56	\$123,756.18
<b>Breakeven Price to Cover Variable Costs</b>			\$1.20	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
<b>Machinery Depreciation</b>					
Pickup/General Use Equipment	1	Acre	\$21.30	\$21.30	\$2,130.10
Irrigation Equipment	1	Acre	\$26.93	\$26.93	\$2,692.80
Tractors/Self-Propelled	1	Acre	\$26.47	\$26.47	\$2,647.42
Implements	1	Acre	\$11.15	\$11.15	\$1,114.82
<b>Equipment Investment</b>					
Pickup/General Use Equipment	\$417.52	Dollars	6.50%	\$27.14	\$2,713.88
Irrigation Equipment	\$403.92	Dollars	6.50%	\$26.25	\$2,625.48
Tractors/Self-Propelled	\$309.99	Dollars	6.50%	\$20.15	\$2,014.92
Implements	\$94.84	Dollars	6.50%	\$6.16	\$616.47
<b>Allocated Establishment Cost</b>					
Irrigated Winter Garden Rent	1	Acre	\$101.55	\$101.55	\$10,155.00
	1	Acre	\$50.00	\$50.00	\$5,000.00
Total Fixed Costs				\$317.11	\$31,710.89
Total Specified Costs				\$1,454.55	\$145,454.71
<b>Returns Above Specified Costs</b>				\$920.45	\$92,045.29
<b>Breakeven Price to Cover Total Costs</b>			\$1.53	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%	712.50	\$1.60	\$1.60	\$2.04	\$2.04	\$0.00
90%	855.00	\$1.33	\$1.33	\$1.70	\$1.70	\$0.00
100%	950.00	\$1.20	\$1.20	\$1.53	\$1.53	\$0.00
110%	1045.00	\$1.09	\$1.09	\$1.39	\$1.39	\$0.00
125%	1187.50	\$0.96	\$0.96	\$1.22	\$1.22	\$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.**