

Projections for Planning Purposes Only -- Not to be Used without Updating
2025 Estimated Costs and Returns per Acre
Pecan, Drip Irrigated Years 10-20
Southwest Extension District - 10

Crop Acres		120			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Pecans	950.00	Pound	\$2.00	\$1,900.00	\$228,000.00
Total Revenue				\$1,900.00	\$228,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Fertilizer					
Fertilizer 11-52-0	80	Pound	\$0.37	\$29.60	\$3,552.00
N-32 in Water	263.11	Pound	\$0.17	\$44.20	\$5,304.30
Zinc, Chelated 7%	12.99	Pint	\$2.81	\$36.53	\$4,384.13
Custom					
Hedging	0.33	Acre	\$100.00	\$33.00	\$3,960.00
Miscellaneous					
Miscellaneous Pecan Overhead	1	Acre	\$4.00	\$4.00	\$480.00
Crop Insurance - Pecans	1	Acre	\$160.00	\$160.00	\$19,200.00
Electricity - Pecan Cleaning	641.25	KWhour	\$0.17	\$109.01	\$13,081.50
Pecan Cleaning Repairs	950	Pound	\$0.00	\$0.00	\$0.00
Herbicide					
Glyphosate	16.98	Pint	\$1.63	\$27.70	\$3,323.84
Insecticide					
Confirm 2F	12	Ounce	\$1.95	\$23.40	\$2,808.00
Lorsban 4E	4.5	Pint	\$4.52	\$20.34	\$2,440.26
Other Labor					
Pecan Cleaning	2.85	Hour	\$8.50	\$24.23	\$2,907.00
Irrigation					
Energy Cost	2116.80	kWh	\$0.17	\$359.86	\$43,182.72
Irrigation Labor	0.45	Hour	\$17.50	\$7.84	\$940.80
Machinery Labor					
Tractors/Self-Propelled	2.49	Hour	\$17.21	\$42.85	\$5,142.35
Other Labor	0.59	Hour	\$17.21	\$10.15	\$1,218.47
Diesel Fuel					
Tractors/Self-Propelled	11.23	Gallon	\$3.00	\$33.69	\$4,042.80
Gasoline					
Pickup/General Use Equipment	1	Acre	\$39.60	\$39.60	\$4,751.60
Tractors/Self-Propelled	0.8184524	Gallon	\$2.75	\$2.25	\$270.09
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$14.40	\$14.40	\$1,728.00
Irrigation Equipment	1	Acre	\$19.95	\$19.95	\$2,394.35
Tractors/Self-Propelled	1	Acre	\$23.76	\$23.76	\$2,851.61
Implements	1	Acre	\$6.83	\$6.83	\$820.13
Interest on Credit Line			8.60%	\$48.06	\$5,767.16
Total Variable Costs				\$1,121.26	\$134,551.09
Planned Returns Above Variable Costs:				\$778.74	\$93,448.91
Breakeven Price to Cover Variable Costs			\$1.18	Pound	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Irrigation Equipment	1	Acre	\$81.93	\$81.93	\$9,831.25
Tractors/Self-Propelled	1	Acre	\$28.79	\$28.79	\$3,454.48
Implements	1	Acre	\$14.11	\$14.11	\$1,693.34
Equipment Investment					
Irrigation Equipment	\$656.77	Dollars	8.60%	\$56.48	\$6,777.88
Tractors/Self-Propelled	\$238.81	Dollars	8.60%	\$20.54	\$2,464.51
Implements	\$66.12	Dollars	8.60%	\$5.69	\$682.31
Equipment Fixed Costs					
Pickup/General Use Equipment	1	Acre	\$48.44	\$48.44	\$5,812.80
Allocated Establishment Cost	1	Acre	\$311.01	\$311.01	\$37,321.20
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,000.00
Total Fixed Costs				\$616.98	\$74,037.76
Total Specified Costs				\$1,738.24	\$208,588.86
Returns Above Specified Costs				\$161.76	\$19,411.14
Breakeven Price to Cover Total Costs			\$1.83	Pound	

Example Breakeven Prices			
Example Yield Percent	Example Yield Pound	To Cover Variable Costs	To Cover Total Costs
75%	712.50	\$1.57	\$2.44
90%	855.00	\$1.31	\$2.03
100%	950.00	\$1.18	\$1.83
110%	1045.00	\$1.07	\$1.66
125%	1187.50	\$0.94	\$1.46

Developed by Extension Agricultural Economists, Texas A&M AgriLife Extension, budgets@tamu.edu.

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.