

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2017 Estimated Costs and Returns per Acre
Alfalfa, Roundup Ready, Establishment, Center Pivot Irrigated - 122 Acres
West Central Extension District - 7

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Total Revenue				\$0.00	\$0.00	
VARIABLE COSTS						
	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Custom						
Soil Test-Irrigated	1	Each	\$0.50	\$0.50	\$61.00	
Apply Dry Fertilizer	1	Acre	\$5.50	\$5.50	\$671.00	
Fertilizer						
11-52-0	150	Pounds	\$0.26	\$39.00	\$4,758.00	
Herbicide						
Glyphosate	22	Ounce	\$0.07	\$1.54	\$187.88	
Seed						
R.R. Alfalfa	25	pounds	\$9.00	\$225.00	\$27,450.00	
Irrigation						
Energy Cost	4.00	AcreInch	\$6.98	\$27.92	\$3,406.01	
Irrigation Labor	0.30	Hour	\$12.00	\$3.60	\$439.20	
Machinery Labor						
Tractors/Self-Propelled	0.45	Hour	\$12.00	\$5.40	\$658.80	
Diesel Fuel						
Tractors/Self-Propelled	3.88	Gallon	\$1.75	\$6.79	\$828.38	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$1.72	\$1.72	\$210.00	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$0.74	\$0.74	\$90.30	
Irrigation Equipment	1	Acre	\$10.54	\$10.54	\$1,286.03	
Tractors/Self-Propelled	1	Acre	\$9.05	\$9.05	\$1,103.54	
Implements	1	Acre	\$12.01	\$12.01	\$1,465.57	
Interest on Credit Line			5.25%	\$3.42	\$417.07	
Total Variable Costs				\$352.73	\$43,032.78	
Planned Returns Above Variable Costs:				(\$352.73)	(\$43,032.78)	
Breakeven Price to Cover Variable Costs			n/a			
FIXED COSTS						
	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$1.55	\$1.55	\$189.00	
Irrigation Equipment	1	Acre	\$15.03	\$15.03	\$1,833.33	
Tractors/Self-Propelled	1	Acre	\$10.28	\$10.28	\$1,254.58	
Implements	1	Acre	\$15.22	\$15.22	\$1,856.71	
Equipment Investment						
Pickup/General Use Equipment	\$9.47	Dollars	5.25%	\$0.50	\$60.64	
Irrigation Equipment	\$112.70	Dollars	5.25%	\$5.92	\$721.88	
Tractors/Self-Propelled	\$79.68	Dollars	5.25%	\$4.18	\$510.33	
Implements	\$65.10	Dollars	5.25%	\$3.42	\$416.99	
Rent-Irrigated Crop	1	Acre	\$70.00	\$70.00	\$8,540.00	
Total Fixed Costs				\$126.09	\$15,383.46	
Total Specified Costs				\$478.82	\$58,416.24	
Returns Above Specified Costs				(\$478.82)	(\$58,416.24)	
Breakeven Price to Cover Total Costs			n/a			

Example Breakeven Prices			
Example Yield Percent	Example Yield	To Cover Variable Costs	To Cover Total Costs
75%	0.00	\$0.00	\$0.00
90%	0.00	\$0.00	\$0.00
100%	0.00	\$0.00	\$0.00
110%	0.00	\$0.00	\$0.00
125%	0.00	\$0.00	\$0.00

Developed by Bill Thompson, Associate 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.