

Projections for Planning Purposes Only -- Not to be Used without Updating
2022 Estimated Costs and Returns per Acre
Alfalfa, Roundup Ready, Establishment, Center Pivot Irrigated
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	
Production Costs						
Custom						
Soil Test-Irrigated	1	Each	\$0.50	\$0.50	\$61.00	
Apply Dry Fertilizer	1	Acre	\$6.00	\$6.00	\$732.00	
Fertilizer						
Phos (11-52-0 DRY MAT)	150	Pounds	\$0.66	\$99.00	\$12,078.00	
Herbicide						
Glyphosate	22	Ounce	\$0.13	\$2.92	\$356.47	
Seed						
R.R. Alfalfa	25	pounds	\$8.50	\$212.50	\$25,925.00	
Irrigation						
Energy Cost	4.00	AcreInch	\$12.72	\$50.89	\$6,208.67	
Irrigation Labor	0.30	Hour	\$16.38	\$4.91	\$599.51	
Machinery Labor						
Tractors/Self-Propelled	0.2	Hour	\$16.12	\$3.22	\$393.33	
Diesel Fuel						
Tractors/Self-Propelled	1.7	Gallon	\$2.67	\$4.54	\$553.76	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$1.97	\$1.97	\$240.00	
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	\$4.81	\$4.81	\$586.33	
Implements	1	Acre	\$4.97	\$4.97	\$605.88	
Interest on Credit Line			6.30%	\$4.91	\$598.61	
Total Variable Costs				\$412.42	\$50,314.87	
Planned Returns Above Variable Costs:				(\$412.42)	(\$50,314.87)	
Breakeven Price to Cover Variable Costs			n/a			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
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	\$5.43	\$5.43	\$661.98	
Implements	1	Acre	\$6.22	\$6.22	\$758.42	
Equipment Investment						
Pickup/General Use Equipment	\$9.47	Dollars	6.30%	\$0.60	\$72.77	
Irrigation Equipment	\$112.70	Dollars	6.30%	\$7.10	\$866.25	
Tractors/Self-Propelled	\$42.06	Dollars	6.30%	\$2.65	\$323.25	
Implements	\$26.59	Dollars	6.30%	\$1.68	\$204.39	
Rent-Irrigated Crop	1	Acre	\$70.00	\$70.00	\$8,540.00	
Total Fixed Costs				\$110.24	\$13,449.39	
Total Specified Costs				\$522.66	\$63,764.26	
Returns Above Specified Costs				(\$522.66)	(\$63,764.26)	
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, 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.