

**2022 Estimated Costs and Returns per Acre
Irrigated Alfalfa Establishment
Rolling Plains Extension District - 3**

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Total Revenue				\$0.00	\$0.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Fertilizer						
Fertilizer (N)	40	Pound	\$1.03	\$41.20	\$4,120.00	
Fertilizer (P)	80	Pound	\$0.67	\$53.60	\$5,360.00	
Potash (K)	40	Pound	\$0.69	\$27.67	\$2,766.67	
Sulfur	12	Pound	\$0.22	\$2.64	\$264.00	
Herbicide						
Roundup	2	Pint	\$6.31	\$12.62	\$1,262.00	
Herbicide Application	1	Acre	\$5.50	\$5.50	\$550.00	
Seed						
Alfalfa Seed - RR	20	Pound	\$8.90	\$178.00	\$17,800.00	
Irrigation						
Energy Cost	6.00	AcreInch	\$4.50	\$27.00	\$2,700.00	
Irrigation Labor	0.51	Hour	\$14.00	\$7.17	\$716.80	
Machinery Labor						
Tractors/Self-Propelled	0.32	Hour	\$14.00	\$4.48	\$448.00	
Other Labor	0.35	Hour	\$14.00	\$4.90	\$490.00	
Diesel Fuel						
Tractors/Self-Propelled	2.16	Gallon	\$2.60	\$5.62	\$561.60	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$9.00	\$9.00	\$900.00	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$3.00	\$3.00	\$300.00	
Irrigation Equipment	1	Acre	\$10.00	\$10.00	\$1,000.02	
Tractors/Self-Propelled	1	Acre	\$4.44	\$4.44	\$443.53	
Implements	1	Acre	\$4.60	\$4.60	\$460.24	
Interest on Credit Line			6.50%	\$4.22	\$422.08	
Total Variable Costs				<u>\$405.65</u>	<u>\$40,564.94</u>	
Planned Returns Above Variable Costs:				<u>(\$405.65)</u>	<u>(\$40,564.94)</u>	
Breakeven Price to Cover Variable Costs			n/a			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$4.17	\$4.17	\$416.50	
Irrigation Equipment	1	Acre	\$9.00	\$9.00	\$900.00	
Tractors/Self-Propelled	1	Acre	\$4.58	\$4.58	\$458.31	
Implements	1	Acre	\$5.69	\$5.69	\$569.04	
Equipment Investment						
Pickup/General Use Equipment	\$29.18	Dollars	5.50%	\$1.60	\$160.46	
Irrigation Equipment	\$262.50	Dollars	5.50%	\$14.44	\$1,443.75	
Tractors/Self-Propelled	\$35.70	Dollars	5.50%	\$1.96	\$196.37	
Implements	\$24.34	Dollars	5.50%	\$1.34	\$133.88	
Cash Rent - Irrigated Alfalfa	1	Acre	\$90.00	\$90.00	\$9,000.00	
Total Fixed Costs				<u>\$132.78</u>	<u>\$13,278.32</u>	
Total Specified Costs				<u>\$538.43</u>	<u>\$53,843.25</u>	
Returns Above Specified Costs				<u>(\$538.43)</u>	<u>(\$53,843.25)</u>	
Breakeven Price to Cover Total Costs			n/a			

Francisco Abelló, Assistant Professor and Extension Specialist, Texas A&M AgriLife Extension, 940-647-3908

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.