

**2024 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	
Production Costs						
Fertilizer						
Fertilizer (N)	40	Pound	\$0.54	\$21.52	\$2,152.00	
Fertilizer (P)	80	Pound	\$0.57	\$45.60	\$4,560.00	
Potash (K)	40	Pound	\$0.44	\$17.67	\$1,766.68	
Sulfur	12	Pound	\$0.31	\$3.66	\$366.00	
Herbicide						
Roundup	2	Pint	\$2.81	\$5.62	\$562.00	
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	\$6.75	\$40.50	\$4,050.00	
Irrigation Labor	0.51	Hour	\$15.00	\$7.68	\$768.00	
Machinery Labor						
Tractors/Self-Propelled	0.32	Hour	\$15.00	\$4.80	\$480.00	
Other Labor	0.35	Hour	\$15.00	\$5.25	\$525.00	
Diesel Fuel						
Tractors/Self-Propelled	2.16	Gallon	\$3.02	\$6.52	\$652.10	
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			9.00%	\$4.99	\$498.75	
Total Variable Costs				<u>\$378.34</u>	<u>\$37,834.33</u>	
Planned Returns Above Variable Costs:				(\$378.34)	(\$37,834.33)	
Breakeven Price to Cover Variable Costs			n/a			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
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	8.00%	\$2.33	\$233.40	
Irrigation Equipment	\$262.50	Dollars	8.00%	\$21.00	\$2,100.00	
Tractors/Self-Propelled	\$35.70	Dollars	8.00%	\$2.86	\$285.63	
Implements	\$24.34	Dollars	8.00%	\$1.95	\$194.74	
Cash Rent - Irrigated Alfalfa	1	Acre	\$90.00	\$90.00	\$9,000.00	
Total Fixed Costs				<u>\$141.58</u>	<u>\$14,157.62</u>	
Total Specified Costs				<u>\$519.92</u>	<u>\$51,991.95</u>	
Returns Above Specified Costs				(\$519.92)	(\$51,991.95)	
Breakeven Price to Cover Total Costs			n/a			

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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.