

**2025 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	\$0.51	\$20.20	\$2,020.00		
Fertilizer (P)	80	Pound	\$0.61	\$48.53	\$4,852.56		
Potash (K)	40	Pound	\$0.39	\$15.60	\$1,560.00		
Sulfur	12	Pound	\$0.30	\$3.60	\$360.00		
Herbicide							
Roundup	2	Pint	\$2.18	\$4.36	\$436.00		
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	\$2.59	\$5.59	\$559.44		
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%	\$4.90	\$490.26		
Total Variable Costs				<u>\$375.55</u>	<u>\$37,555.05</u>		
Planned Returns Above Variable Costs:					(\$375.55) (\$37,555.05)		
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>\$517.13</u>	<u>\$51,712.67</u>		
Returns Above Specified Costs					(\$517.13) (\$51,712.67)		
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.