

**2021 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	\$0.25	\$10.00	\$1,000.00	
Fertilizer (P)	80	Pound	\$0.33	\$26.00	\$2,600.00	
Potash (K)	40	Pound	\$0.30	\$12.00	\$1,200.00	
Sulfur	12	Pound	\$0.22	\$2.64	\$264.00	
Herbicide						
Roundup	2	Pint	\$1.88	\$3.75	\$375.00	
Herbicide Application	1	Acre	\$5.50	\$5.50	\$550.00	
Seed						
Alfalfa Seed	20	Acre	\$5.75	\$115.00	\$11,500.00	
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	0.43	Hour	\$14.00	\$6.02	\$602.00	
Other Labor	0.48	Hour	\$14.00	\$6.72	\$672.00	
Diesel Fuel						
Tractors/Self-Propelled	2.91	Gallon	\$1.40	\$4.07	\$407.40	
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	\$5.96	\$5.96	\$596.00	
Implements	1	Acre	\$5.82	\$5.82	\$581.95	
Interest on Credit Line			6.50%	\$2.92	\$292.29	
Total Variable Costs				<u>\$262.57</u>	<u>\$26,257.45</u>	
Planned Returns Above Variable Costs:				<u>(\$262.57)</u>	<u>(\$26,257.45)</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	\$6.16	\$6.16	\$615.86	
Implements	1	Acre	\$7.07	\$7.07	\$706.56	
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	\$47.98	Dollars	5.50%	\$2.64	\$263.88	
Implements	\$30.23	Dollars	5.50%	\$1.66	\$166.24	
Cash Rent - Irrigated Alfalfa	1	Acre	\$90.00	\$90.00	\$9,000.00	
Total Fixed Costs				<u>\$136.73</u>	<u>\$13,673.25</u>	
Total Specified Costs				<u>\$399.31</u>	<u>\$39,930.70</u>	
Returns Above Specified Costs				<u>(\$399.31)</u>	<u>(\$39,930.70)</u>	
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.