

**2021 Estimated Costs and Returns per Acre
Irrigated Alfalfa Hay
Rolling Plains Extension District - 3**

Crop Acres		100			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Alfalfa Hay	6.50	Ton	\$230.00	\$1,495.00	\$149,500.00
Total Revenue				\$1,495.00	\$149,500.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Herbicide Application	2	Acre	\$5.50	\$11.00	\$1,100.00
Insecticide Application	3	Acre	\$5.50	\$16.50	\$1,650.00
Fertilizer Application	1	Acre	\$4.50	\$4.50	\$450.00
Custom Baling - Alfalfa	6.5	Ton	\$32.00	\$208.00	\$20,800.00
Fertilizer					
Fertilizer (N)	30	Pound	\$0.25	\$7.50	\$750.00
Fertilizer (P)	50	Pound	\$0.33	\$16.25	\$1,625.00
Sulfur	12	Pound	\$0.22	\$2.64	\$264.00
Herbicide					
Valpar	2	Pint	\$11.88	\$23.75	\$2,375.00
Butyrac	2	Pint	\$5.20	\$10.40	\$1,040.00
Insecticide					
Insecticide - Alfalfa 1	2	Pint	\$4.12	\$8.24	\$824.00
Insecticide - Alfalfa 2 Baythroid	3	Fluid Ounce	\$1.05	\$3.16	\$316.41
Irrigation					
Energy Cost	10.00	AcreInch	\$4.50	\$45.00	\$4,500.00
Irrigation Labor	0.96	Hour	\$14.00	\$13.44	\$1,344.00
Gasoline					
Pickup/General Use Equipment	1	Acre	\$6.75	\$6.75	\$675.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$26.25	\$26.25	\$2,625.00
Irrigation Equipment	1	Acre	\$20.00	\$20.00	\$2,000.00
Interest on Credit Line			6.50%	\$8.09	\$809.28
Total Variable Costs				\$431.48	\$43,147.69
Planned Returns Above Variable Costs:				\$1,063.52	\$106,352.31
Breakeven Price to Cover Variable Costs			\$66.38	Ton	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$38.11	\$38.11	\$3,811.38
Irrigation Equipment	1	Acre	\$18.00	\$18.00	\$1,800.00
Equipment Investment					
Pickup/General Use Equipment	\$296.93	Dollars	5.50%	\$16.33	\$1,633.12
Irrigation Equipment	\$525.00	Dollars	5.50%	\$28.88	\$2,887.50
Allocated Establishment Cost	1	Acre	\$85.66	\$85.66	\$8,566.00
Cash Rent - Irrigated Alfalfa	1	Acre	\$90.00	\$90.00	\$9,000.00
Total Fixed Costs				\$276.98	\$27,698.00
Total Specified Costs				\$708.46	\$70,845.68
Returns Above Specified Costs				\$786.54	\$78,654.32
Breakeven Price to Cover Total Costs			\$108.99	Ton	

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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.