

**2024 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	\$400.00	\$2,600.00	\$260,000.00
Total Revenue				\$2,600.00	\$260,000.00
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	\$5.00	\$5.00	\$500.00
Custom Baling - Alfalfa	6.5	Ton	\$35.00	\$227.50	\$22,750.00
Fertilizer					
Fertilizer (N)	30	Pound	\$0.54	\$16.14	\$1,614.00
Fertilizer (P)	50	Pound	\$0.57	\$28.50	\$2,850.00
Sulfur	12	Pound	\$0.31	\$3.66	\$366.00
Herbicide					
Valpar	2	Pint	\$11.88	\$23.75	\$2,375.00
Butyrac	2	Pint	\$3.75	\$7.50	\$750.00
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	\$6.75	\$67.50	\$6,750.00
Irrigation Labor	0.96	Hour	\$15.00	\$14.40	\$1,440.00
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			9.00%	\$12.84	\$1,283.90
Total Variable Costs				\$498.69	\$49,869.31
Planned Returns Above Variable Costs:				\$2,101.31	\$210,130.69
Breakeven Price to Cover Variable Costs			\$76.72	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	8.00%	\$23.75	\$2,375.45
Irrigation Equipment	\$525.00	Dollars	8.00%	\$42.00	\$4,200.00
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				\$297.53	\$29,752.83
Total Specified Costs				\$796.22	\$79,622.13
Returns Above Specified Costs				\$1,803.78	\$180,377.87
Breakeven Price to Cover Total Costs			\$122.50	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.