

**2025 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	\$250.00	\$1,625.00	\$162,500.00
Total Revenue				\$1,625.00	\$162,500.00
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	\$5.00	\$5.00	\$500.00
Custom Baling - Alfalfa	6.5	Ton	\$35.00	\$227.50	\$22,750.00
Fertilizer					
Fertilizer (N)	30	Pound	\$0.51	\$15.15	\$1,515.00
Fertilizer (P)	50	Pound	\$0.61	\$30.33	\$3,032.85
Sulfur	12	Pound	\$0.30	\$3.60	\$360.00
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%	\$12.87	\$1,287.17
Total Variable Costs				\$499.50	\$49,950.42
Planned Returns Above Variable Costs:				\$1,125.50	\$112,549.58
Breakeven Price to Cover Variable Costs			\$76.85	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				\$797.03	\$79,703.25
Returns Above Specified Costs				\$827.97	\$82,796.75
Breakeven Price to Cover Total Costs			\$122.62	Ton	

Developed by Francisco Abelló, Assistant Professor and Extension Specialist, Texas A&M AgriLife Extension, 940-647-3908

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.