

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2024 Estimated Costs and Returns per Acre**  
**Alfalfa Establishment, Center Pivot Irrigated**  
**Far West Extension District - 6**

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Total Revenue				\$0.00	\$0.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Custom					
Custom Apply Fertilizer	1	Acre	\$6.39	\$6.39	\$779.58
Fertilizer					
Fertilizer 11-52-0	38	Pound	\$0.63	\$23.94	\$2,920.68
Herbicide					
Glyphosate	2	Pint	\$2.13	\$4.25	\$518.50
Seed					
Alfalfa Seed Inoculated RR	32	Pound	\$8.50	\$272.00	\$33,184.00
Irrigation					
Energy Cost	3.04	AcreInch	\$4.70	\$14.29	\$1,743.14
Irrigation Labor	0.02	Hour	\$17.50	\$0.31	\$37.58
Machinery Labor					
Tractors/Self-Propelled	0.4	Hour	\$17.21	\$6.88	\$839.85
Diesel Fuel					
Tractors/Self-Propelled	3.91	Gallon	\$3.60	\$14.08	\$1,717.27
Gasoline					
Pickup/General Use Equipment	1	Acre	\$5.07	\$5.07	\$618.03
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.80	\$0.80	\$98.10
Irrigation Equipment	1	Acre	\$8.01	\$8.01	\$977.38
Tractors/Self-Propelled	1	Acre	\$10.00	\$10.00	\$1,219.94
Implements	1	Acre	\$12.50	\$12.50	\$1,524.95
Interest on Credit Line			8.00%	\$10.40	\$1,269.02
Total Variable Costs				<u>\$388.92</u>	<u>\$47,448.02</u>
Planned Returns Above Variable Costs:				<u>(\$388.92)</u>	<u>(\$47,448.02)</u>
Breakeven Price to Cover Variable Costs			n/a		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Machinery Depreciation</b>					
Pickup/General Use Equipment	1	Acre	\$3.02	\$3.02	\$367.88
Irrigation Equipment	1	Acre	\$45.01	\$45.01	\$5,491.76
Tractors/Self-Propelled	1	Acre	\$11.42	\$11.42	\$1,393.06
Implements	1	Acre	\$15.64	\$15.64	\$1,908.68
<b>Equipment Investment</b>					
Pickup/General Use Equipment	\$12.56	Dollars	8.00%	\$1.01	\$122.63
Irrigation Equipment	\$337.61	Dollars	8.00%	\$27.01	\$3,295.06
Tractors/Self-Propelled	\$88.45	Dollars	8.00%	\$7.08	\$863.27
Implements	\$66.93	Dollars	8.00%	\$5.35	\$653.19
Total Fixed Costs				<u>\$115.54</u>	<u>\$14,095.52</u>
Total Specified Costs				<u>\$504.46</u>	<u>\$61,543.53</u>
Returns Above Specified Costs				<u>(\$504.46)</u>	<u>(\$61,543.53)</u>
Breakeven Price to Cover Total Costs			n/a		

Example Breakeven Prices			
Example Yield Percent	Example Yield	To Cover Variable Costs	To Cover Total Costs
75%	0.00	\$0.00	\$0.00
90%	0.00	\$0.00	\$0.00
100%	0.00	\$0.00	\$0.00
110%	0.00	\$0.00	\$0.00
125%	0.00	\$0.00	\$0.00

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

**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.**