

**2024 Estimated Costs and Returns per Acre**  
**Alfalfa Establishment, Sprinkler Irrigated (NG), Fall Seeding Only**  
**Panhandle Extension District - 1**

Crop Acres	122				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Total Revenue				\$0.00	\$0.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
<b>Production Costs</b>						
Custom						
Fertilizer Application	1	Acre	\$7.50	\$7.50	\$915.00	
Fertilizer						
Fertilizer (P) - Dry	80	Pound	\$0.80	\$64.24	\$7,837.28	
Herbicide						
Herbicide and Application Alfalfa	1	Acre	\$58.37	\$58.37	\$7,121.14	
Seed						
Seed - Alfalfa	18	Pound	\$5.54	\$99.72	\$12,165.84	
Irrigation						
Energy Cost	6.00	AcreInch	\$3.80	\$22.80	\$2,781.60	
Irrigation Labor	0.38	Hour	\$17.94	\$6.89	\$840.45	
Machinery Labor						
Tractors/Self-Propelled	0.41	Hour	\$17.65	\$7.24	\$882.85	
Other Labor	0.48	Hour	\$17.65	\$8.47	\$1,033.58	
Diesel Fuel						
Tractors/Self-Propelled	2.21	Gallon	\$3.10	\$6.85	\$835.82	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$4.92	\$4.92	\$600.00	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00	
Irrigation Equipment	1	Acre	\$22.50	\$22.50	\$2,745.00	
Tractors/Self-Propelled	1	Acre	\$3.77	\$3.77	\$459.96	
Implements	1	Acre	\$6.78	\$6.78	\$827.22	
Interest on Credit Line			9.00%	\$9.83	\$1,199.13	
Total Variable Costs				<u>\$332.38</u>	<u>\$40,550.88</u>	
Planned Returns Above Variable Costs:				n/a	(\$332.38)	(\$40,550.88)
Breakeven Price to Cover Variable Costs				n/a		
FIXED COSTS	Quantity	Units	\$/Unit	Enterprise		
<b>Machinery Depreciation</b>						
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30	
Irrigation Equipment	1	Acre	\$11.83	\$11.83	\$1,443.75	
Tractors/Self-Propelled	1	Acre	\$3.77	\$3.77	\$459.81	
Implements	1	Acre	\$8.07	\$8.07	\$984.36	
<b>Equipment Investment</b>						
Pickup/General Use Equipment	\$18.18	Dollars	9.00%	\$1.64	\$199.67	
Irrigation Equipment	\$142.93	Dollars	9.00%	\$12.86	\$1,569.38	
Tractors/Self-Propelled	\$29.36	Dollars	9.00%	\$2.64	\$322.39	
Implements	\$34.52	Dollars	9.00%	\$3.11	\$378.98	
Cash Rent - Alfalfa	1	Acre	\$200.00	\$200.00	\$24,400.00	
Total Fixed Costs				<u>\$246.55</u>	<u>\$30,079.62</u>	
Total Specified Costs				<u>\$578.94</u>	<u>\$70,630.50</u>	
Returns Above Specified Costs					(\$578.94)	(\$70,630.50)
Breakeven Price to Cover Total Costs				n/a		

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

**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.**