

2022 Estimated Costs and Returns per Acre
Alfalfa Establishment, Sprinkler Irrigated (NG), Fall Seeding Only
Panhandle Extension District - 1

Crop Acres	122				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Total Revenue				\$0.00	\$0.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Custom					
Fertilizer Application	1	Acre	\$5.86	\$5.86	\$714.92
Fertilizer					
Fertilizer (P) - Dry	80	Pound	\$0.66	\$52.80	\$6,441.60
Herbicide					
Herbicide and Application Alfalfa	1	Acre	\$45.00	\$45.00	\$5,490.00
Seed					
Seed - Alfalfa	18	Pound	\$5.54	\$99.72	\$12,165.84
Irrigation					
Energy Cost	6.00	AcreInch	\$3.91	\$23.46	\$2,862.12
Irrigation Labor	0.38	Hour	\$16.38	\$6.29	\$767.37
Machinery Labor					
Tractors/Self-Propelled	0.41	Hour	\$16.12	\$6.61	\$806.12
Other Labor	0.48	Hour	\$16.12	\$7.74	\$943.75
Diesel Fuel					
Tractors/Self-Propelled	2.21	Gallon	\$2.67	\$5.90	\$719.89
Gasoline					
Pickup/General Use Equipment	1	Acre	\$5.12	\$5.12	\$625.00
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			6.30%	\$6.35	\$774.73
Total Variable Costs				<u>\$300.41</u>	<u>\$36,649.52</u>
Planned Returns Above Variable Costs:				(\$300.41)	(\$36,649.52)
Breakeven Price to Cover Variable Costs			n/a		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
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
Equipment Investment					
Pickup/General Use Equipment	\$18.18	Dollars	6.30%	\$1.15	\$139.77
Irrigation Equipment	\$142.93	Dollars	6.30%	\$9.00	\$1,098.56
Tractors/Self-Propelled	\$29.36	Dollars	6.30%	\$1.85	\$225.67
Implements	\$34.52	Dollars	6.30%	\$2.17	\$265.28
Cash Rent - Alfalfa	1	Acre	\$105.00	\$105.00	\$12,810.00
Total Fixed Costs				<u>\$145.48</u>	<u>\$17,748.50</u>
Total Specified Costs				<u>\$445.89</u>	<u>\$54,398.02</u>
Returns Above Specified Costs				(\$445.89)	(\$54,398.02)
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.