

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2020 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	Fertilizer Application	1	Acre	\$5.35	\$5.35	\$652.76		
Fertilizer	Fertilizer (P) - Dry	80	Pound	\$0.43	\$34.67	\$4,229.70		
Herbicide	Herbicide and Application Alfalfa	1	Acre	\$23.95	\$23.95	\$2,921.45		
Seed	Seed - Alfalfa	18	Pound	\$5.80	\$104.31	\$12,726.21		
Irrigation	Energy Cost	6.00	AcreInch	\$3.96	\$23.76	\$2,898.72		
	Irrigation Labor	0.38	Hour	\$13.65	\$5.24	\$639.48		
Machinery Labor	Tractors/Self-Propelled	0.64	Hour	\$13.43	\$8.60	\$1,048.61		
	Other Labor	0.73	Hour	\$13.43	\$9.80	\$1,196.08		
Diesel Fuel	Tractors/Self-Propelled	2.96	Gallon	\$2.33	\$6.90	\$841.41		
Gasoline	Pickup/General Use Equipment	1	Acre	\$4.82	\$4.82	\$587.50		
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	\$4.64	\$4.64	\$566.09		
	Implements	1	Acre	\$15.12	\$15.12	\$1,844.78		
	Interest on Credit Line			6.25%	\$5.98	\$729.74		
Total Variable Costs							\$278.14	\$33,933.52
Planned Returns Above Variable Costs:							(\$278.14)	(\$33,933.52)
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	\$4.52	\$4.52	\$551.99		
	Implements	1	Acre	\$18.51	\$18.51	\$2,257.73		
Equipment Investment								
	Pickup/General Use Equipment	\$18.18	Dollars	6.25%	\$1.14	\$138.66		
	Irrigation Equipment	\$142.93	Dollars	6.25%	\$8.93	\$1,089.84		
	Tractors/Self-Propelled	\$35.25	Dollars	6.25%	\$2.20	\$268.76		
	Implements	\$79.16	Dollars	6.25%	\$4.95	\$603.63		
	Cash Rent - Alfalfa	1	Acre	\$100.00	\$100.00	\$12,200.00		
Total Fixed Costs							\$154.72	\$18,875.66
Total Specified Costs							\$432.86	\$52,809.18
Returns Above Specified Costs							(\$432.86)	(\$52,809.18)
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 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.