

Projections for Planning Purposes Only – *Not to be Used without Updating*
2020 Estimated Costs and Returns per Acre
Dryland Alfalfa Establishment
Rolling Plains Extension District - 3

Crop Acres		100			Enterprise	
REVENUE		Quantity	Units	\$/Unit	Total	Total
Total Revenue					\$0.00	\$0.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise
Production Costs						Total
Fertilizer						
	Fertilizer (N)	40	Pound	\$0.38	\$15.20	\$1,520.00
	Fertilizer (P)	80	Pound	\$0.30	\$24.00	\$2,400.00
	Potash (K)	40	Pound	\$0.30	\$12.00	\$1,200.00
	Sulfur	12	Pound	\$0.22	\$2.64	\$264.00
Herbicide						
	Roundup	2	Pint	\$1.88	\$3.75	\$375.00
	Herbicide Application	1	Acre	\$5.50	\$5.50	\$550.00
Seed						
	Alfalfa Seed	20	Acre	\$5.75	\$115.00	\$1,150.00
Machinery Labor						
	Tractors/Self-Propelled	0.62	Hour	\$12.00	\$7.44	\$744.00
	Other Labor	0.68	Hour	\$12.00	\$8.16	\$816.00
Diesel Fuel						
	Tractors/Self-Propelled	4.25	Gallon	\$1.85	\$7.86	\$786.25
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$9.00	\$9.00	\$900.00
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$3.60	\$3.60	\$360.00
	Tractors/Self-Propelled	1	Acre	\$8.69	\$8.69	\$868.73
	Implements	1	Acre	\$10.49	\$10.49	\$1,048.51
Interest on Credit Line				6.50%	\$2.29	\$229.50
Total Variable Costs					\$235.62	\$23,561.99
Planned Returns Above Variable Costs:					(\$235.62)	(\$23,561.99)
Breakeven Price to Cover Variable Costs				n/a		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise
Machinery Depreciation						Total
	Pickup/General Use Equipment	1	Acre	\$5.00	\$5.00	\$499.80
	Tractors/Self-Propelled	1	Acre	\$8.98	\$8.98	\$897.69
	Implements	1	Acre	\$12.56	\$12.56	\$1,256.16
Equipment Investment						
	Pickup/General Use Equipment	\$35.01	Dollars	5.50%	\$1.93	\$192.56
	Tractors/Self-Propelled	\$69.93	Dollars	5.50%	\$3.85	\$384.63
	Implements	\$53.74	Dollars	5.50%	\$2.96	\$295.55
Cash Rent - Dryland Alfalfa		1	Acre	\$30.00	\$30.00	\$3,000.00
Total Fixed Costs					\$65.26	\$6,526.38
Total Specified Costs					\$300.88	\$30,088.37
Returns Above Specified Costs					(\$300.88)	(\$30,088.37)
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.