

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 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 Total
Production Costs						
Fertilizer						
	Fertilizer (N)	40	Pound	\$0.48	\$19.20	\$1,920.00
	Fertilizer (P)	80	Pound	\$0.41	\$32.80	\$3,280.00
	Potash (K)	40	Pound	\$0.34	\$13.60	\$1,360.00
	Sulfur	12	Pound	\$0.22	\$2.64	\$264.00
Herbicide						
	Roundup	2	Pint	\$2.06	\$4.13	\$412.50
	Herbicide Application	1	Acre	\$5.50	\$5.50	\$550.00
Seed						
	Alfalfa Seed	20	Acre	\$5.75	\$115.00	\$11,500.00
Machinery Labor						
	Tractors/Self-Propelled	0.62	Hour	\$10.00	\$6.20	\$620.00
	Other Labor	0.68	Hour	\$10.00	\$6.80	\$680.00
Diesel Fuel						
	Tractors/Self-Propelled	4.25	Gallon	\$2.20	\$9.35	\$935.00
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$9.00	\$9.00	\$900.00
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$2.42	\$2.42	\$241.50
	Tractors/Self-Propelled	1	Acre	\$8.24	\$8.24	\$823.82
	Implements	1	Acre	\$11.50	\$11.50	\$1,150.43
	Interest on Credit Line			5.75%	\$2.12	\$211.66
Total Variable Costs					\$248.49	\$24,848.91
Planned Returns Above Variable Costs:					(\$248.49)	(\$24,848.91)
Breakeven Price to Cover Variable Costs				n/a		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Pickup/General Use Equipment	1	Acre	\$3.35	\$3.35	\$335.28
	Tractors/Self-Propelled	1	Acre	\$8.51	\$8.51	\$851.28
	Implements	1	Acre	\$13.87	\$13.87	\$1,386.93
Equipment Investment						
	Pickup/General Use Equipment	\$23.49	Dollars	5.50%	\$1.29	\$129.17
	Tractors/Self-Propelled	\$66.32	Dollars	5.50%	\$3.65	\$364.75
	Implements	\$59.33	Dollars	5.50%	\$3.26	\$326.31
	Cash Rent - Dryland Alfalfa	1	Acre	\$32.00	\$32.00	\$3,200.00
Total Fixed Costs					\$65.94	\$6,593.72
Total Specified Costs					\$314.43	\$31,442.64
Returns Above Specified Costs					(\$314.43)	(\$31,442.64)
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.