

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Dryland Alfalfa Establishment - 100 Acres
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	\$0.35	\$14.00	\$1,400.00
	Fertilizer (P)	80	Pound	\$0.34	\$27.20	\$2,720.00
	Potash (K)	40	Pound	\$0.30	\$12.00	\$1,200.00
	Sulfur	12	Pound	\$0.36	\$4.32	\$432.00
Herbicide						
	Roundup	2	Pint	\$2.00	\$4.00	\$400.00
	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	1.3	Hour	\$10.00	\$13.00	\$1,300.00
Diesel Fuel						
	Tractors/Self-Propelled	4.25	Gallon	\$1.65	\$7.01	\$701.25
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	\$8.44	\$8.44	\$843.57
	Implements	1	Acre	\$9.18	\$9.18	\$917.97
Interest on Credit Line				5.75%	\$1.86	\$186.38
Total Variable Costs					\$232.93	\$23,292.68
Planned Returns Above Variable Costs:					(\$232.93)	(\$23,292.68)
Breakeven Price to Cover Variable Costs				n/a		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise
Machinery Depreciation						
	Pickup/General Use Equipment	1	Acre	\$3.35	\$3.35	\$335.28
	Tractors/Self-Propelled	1	Acre	\$8.72	\$8.72	\$871.69
	Implements	1	Acre	\$11.09	\$11.09	\$1,109.01
Equipment Investment						
	Pickup/General Use Equipment	\$23.49	Dollars	5.50%	\$1.29	\$129.17
	Tractors/Self-Propelled	\$67.91	Dollars	5.50%	\$3.73	\$373.49
	Implements	\$47.44	Dollars	5.50%	\$2.61	\$260.92
Cash Rent - Dryland Alfalfa		1	Acre	\$32.00	\$32.00	\$3,200.00
Total Fixed Costs					\$62.80	\$6,279.57
Total Specified Costs					\$295.72	\$29,572.24
Returns Above Specified Costs					(\$295.72)	(\$29,572.24)
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.

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.