

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Dryland Forage Oats, Follow Small Grains
West Central Extension District - 7

Crop Acres		100				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Oat Hay		0.90	Ton	\$115.00	\$103.50	\$10,350.00
Small Grains Pasture Gain		15.00	Pound of Gain	\$0.40	\$6.00	\$600.00
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Total Revenue					\$121.50	\$12,150.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Fertilizer						
	Nitrogen Dry-Urea	5	Pounds	\$0.37	\$1.85	\$185.00
	Phos (11-52-0 DRY MAT)	18	Pounds	\$0.44	\$7.96	\$795.60
Custom						
	Soil Test-Dryland	1	Each	\$0.25	\$0.25	\$25.00
	Swath, Rake and Bale Small	24	Bale	\$2.10	\$50.40	\$5,040.00
	Custom Haul Small Bale	24	Bale	\$1.00	\$24.00	\$2,400.00
Seed						
	Oat Seed	60	Pound	\$0.32	\$19.20	\$1,920.00
Miscellaneous						
	NAP Insurance	1	Acre	\$2.00	\$2.00	\$200.00
Machinery Labor						
	Tractors/Self-Propelled	0.38	Hour	\$12.00	\$4.56	\$456.00
Diesel Fuel						
	Tractors/Self-Propelled	3.13	Gallon	\$2.15	\$6.73	\$672.95
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$1.91	\$1.91	\$190.56
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$1.37	\$1.37	\$137.00
	Tractors/Self-Propelled	1	Acre	\$7.55	\$7.55	\$754.79
	Implements	1	Acre	\$10.79	\$10.79	\$1,079.21
	Interest on Credit Line			6.00%	\$1.90	\$190.12
Total Variable Costs					\$140.46	\$14,046.23
Planned Returns Above Variable Costs:						
Breakeven Price to Cover Variable Costs					\$136.07	Ton
						(\$18.96)
						(\$1,896.23)
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Pickup/General Use Equipment	1	Acre	\$2.99	\$2.99	\$298.80
	Tractors/Self-Propelled	1	Acre	\$7.80	\$7.80	\$779.95
	Implements	1	Acre	\$14.03	\$14.03	\$1,403.31
Equipment Investment						
	Pickup/General Use Equipment	\$12.98	Dollars	6.00%	\$0.78	\$77.88
	Tractors/Self-Propelled	\$60.76	Dollars	6.00%	\$3.65	\$364.57
	Implements	\$60.03	Dollars	6.00%	\$3.60	\$360.18
	Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$3,500.00
Total Fixed Costs					\$67.85	\$6,784.70
Total Specified Costs					\$208.31	\$20,830.93
Returns Above Specified Costs						(\$86.81)
						(\$8,680.93)
Breakeven Price to Cover Total Costs					\$211.45	Ton

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	0.68	\$181.43	\$281.94
90%	0.81	\$151.19	\$234.95
100%	0.90	\$136.07	\$211.45
110%	0.99	\$123.70	\$192.23
125%	1.13	\$108.86	\$169.16

Developed by Bill Thompson, Associate Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.