

Projections for Planning Purposes Only -- Not to be Used without Updating
2013 Estimated Costs and Returns per Acre
Dryland Forage Oats, Follow Small Grains - 100 Acres
West Central Extension District - 7

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total		Total
Small Grains Pasture	15.00	Lb/G	\$0.75	\$11.25		\$1,125.00
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Oat Hay	0.90	Ton	\$168.00	\$151.20		\$15,120.00
Total Revenue				\$184.95		\$18,495.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total		Enterprise Total
Production Costs						
Seed						
Forage Oats	60	Pounds	\$0.35	\$21.00		\$2,100.00
Crop Insurance						
NAP Insurance	1	Acre	\$2.00	\$2.00		\$200.00
Fertilizer						
N applied with drill	5	Pounds	\$0.62	\$3.10		\$310.00
Phosphate	18	Pounds	\$0.67	\$12.11		\$1,211.40
Fertilizer	0	Pounds	\$0.00	\$0.00		\$0.00
Herbicide						
Chemical	0	Pint	0	\$0.00		\$0.00
Chemical	0	oz	0	\$0.00		\$0.00
Custom						
Swath, Rake and Bale	24	bale	\$1.25	\$30.00		\$3,000.00
Custom Haul	24	bale	\$0.85	\$20.40		\$2,040.00
Operator Labor						
Tractors	0.41185	Hour	\$12.00	\$4.94		\$494.22
Diesel Fuel						
Tractors	1.98712	Gallon	\$3.30	\$6.56		\$655.75
Gasoline						
Pickup	2.275	Gallon	\$3.20	\$7.28		\$728.00
Repairs & Maintenance						
Tractors	1	Acre	\$2.39	\$2.39		\$239.18
Implements	1	Acre	\$10.76	\$10.76		\$1,075.84
Self Propelled/Pickup	1	Acre	\$0.73	\$0.73		\$73.00
Interest on Credit Line			3.75%	\$1.24		\$124.04
Total Variable Costs				\$122.51		\$12,251.43
Planned Returns Above Variable Costs:				\$62.44		\$6,243.57
Breakeven Price to Cover Variable Costs			\$98.63	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total		Enterprise Total
Machinery						
Tractors	1	Acre	\$15.25	\$15.25		\$1,524.56
Implements	1	Acre	\$5.34	\$5.34		\$533.66
Self Propelled/Pickup	1	Acre	\$9.03	\$9.03		\$903.31
Land Rent	1	Acre	\$35.00	\$35.00		\$3,500.00
Total Fixed Costs				\$64.62		\$6,461.53
Total Specified Costs				\$187.13		\$18,712.97
Returns Above Specified Costs						(\$2.18) (\$217.97)
Breakeven Price to Cover Total Costs			\$170.42	Ton		

Breakeven Prices						
Yield Percent	Yield Ton	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	0.68	\$131.50	\$131.50	\$227.23	\$227.23	\$0.00
90%	0.81	\$109.59	\$109.59	\$189.36	\$189.36	\$0.00
100%	0.90	\$98.63	\$98.63	\$170.42	\$170.42	\$0.00
110%	0.99	\$89.66	\$89.66	\$154.93	\$154.93	\$0.00
125%	1.13	\$78.90	\$78.90	\$136.34	\$136.34	\$0.00

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension.

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation.