

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Dryland Forage Oats, Follow Small Grains - 100 Acres
West Central Extension District - 7

Crop Acres		100				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Oat Hay		0.90	Ton	\$112.00	\$100.80	\$10,080.00
Small Grains Pasture Gain		15.00	Pound of Gain	\$0.65	\$9.75	\$975.00
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Total Revenue					\$130.05	\$13,005.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
Forage Oats		60	Pound	\$0.38	\$22.80	\$2,280.00
Fertilizer						
N applied with drill		5	Pounds	\$0.53	\$2.65	\$265.00
Phosphate		18	Pounds	\$0.42	\$7.50	\$750.06
Custom						
Swath, Rake and Bale Small		24	Bale	\$1.50	\$36.00	\$3,600.00
Custom Haul Small Bale		24	Bale	\$1.00	\$24.00	\$2,400.00
Soil Test-Dryland		1	Each	\$0.25	\$0.25	\$25.00
Miscellaneous						
NAP Insurance		1	Acre	\$2.00	\$2.00	\$200.00
Machinery Labor						
Tractors/Self-Propelled		0.53	Hour	\$12.00	\$6.36	\$636.00
Diesel Fuel						
Tractors/Self-Propelled		3.16	Gallon	\$2.75	\$8.69	\$869.00
Gasoline						
Pickup/General Use Equipment		1	Acre	\$1.82	\$1.82	\$182.40
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$1.37	\$1.37	\$137.00
Tractors/Self-Propelled		1	Acre	\$6.80	\$6.80	\$679.58
Implements		1	Acre	\$5.23	\$5.23	\$523.49
Interest on Credit Line				3.75%	\$1.09	\$108.88
Total Variable Costs					\$126.56	\$12,656.42
Planned Returns Above Variable Costs:					\$3.49	\$348.58
Breakeven Price to Cover Variable Costs				\$108.13	Ton	
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	\$7.02	\$7.02	\$702.24
Implements		1	Acre	\$6.81	\$6.81	\$681.44
Equipment Investment						
Pickup/General Use Equipment		\$23.60	Dollars	3.75%	\$0.89	\$88.50
Tractors/Self-Propelled		\$79.28	Dollars	3.75%	\$2.97	\$297.32
Implements		\$57.05	Dollars	3.75%	\$2.14	\$213.94
Rent-Dryland Crop		1	Acre	\$35.00	\$35.00	\$3,500.00
Total Fixed Costs					\$57.82	\$5,782.23
Total Specified Costs					\$184.39	\$18,438.64
Returns Above Specified Costs					(\$54.34)	(\$5,433.64)
Breakeven Price to Cover Total Costs				\$172.37	Ton	

Example Breakeven Prices						
Example Yield Percent	Example Yield Ton	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share/Tenant	Own/Rent	Share/Tenant	Landlord
75%	0.68	\$144.17	\$144.17	\$229.83	\$229.83	\$0.00
90%	0.81	\$120.14	\$120.14	\$191.53	\$191.53	\$0.00
100%	0.90	\$108.13	\$108.13	\$172.37	\$172.37	\$0.00
110%	0.99	\$98.30	\$98.30	\$156.70	\$156.70	\$0.00
125%	1.13	\$86.50	\$86.50	\$137.90	\$137.90	\$0.00

Developed by Bill Thompson, Associate Professor and Extension Economist, 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.