

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 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
Oat Hay		0.90	Ton	\$168.00	\$151.20	\$15,120.00
Small Grains Pasture Gain		15.00	Pound of Gain	\$0.65	\$9.75	\$975.00
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Total Revenue					\$180.45	\$18,045.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
Forage Oats		60	Pound	\$0.35	\$21.00	\$2,100.00
Fertilizer						
N applied with drill		5	Pounds	\$0.53	\$2.66	\$266.30
Phosphate		18	Pounds	\$0.55	\$9.95	\$995.22
Miscellaneous						
NAP Insurance		1	Acre	\$2.00	\$2.00	\$200.00
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
Machinery Labor						
Tractors/Self-Propelled		0.35	Hour	\$12.00	\$4.20	\$420.00
Diesel Fuel						
Tractors/Self-Propelled		2.56	Gallon	\$3.20	\$8.19	\$819.20
Gasoline						
Pickup/General Use Equipment		1	Acre	\$2.45	\$2.45	\$244.96
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$1.37	\$1.37	\$137.00
Tractors/Self-Propelled		1	Acre	\$2.51	\$2.51	\$250.75
Implements		1	Acre	\$4.83	\$4.83	\$482.58
Interest on Credit Line				3.75%	\$1.06	\$106.46
Total Variable Costs					\$120.22	\$12,022.47
Planned Returns Above Variable Costs:					\$60.23	\$6,022.53
Breakeven Price to Cover Variable Costs					\$101.08	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	\$10.87	\$10.87	\$1,086.58
Implements		1	Acre	\$9.39	\$9.39	\$938.65
Equipment Investment						
Pickup/General Use Equipment		\$23.60	Dollars	3.75%	\$0.89	\$88.50
Tractors/Self-Propelled		\$133.73	Dollars	3.75%	\$5.02	\$501.50
Implements		\$143.37	Dollars	3.75%	\$5.38	\$537.65
Rent-Dryland Crop		1	Acre	\$35.00	\$35.00	\$3,500.00
Total Fixed Costs					\$69.52	\$6,951.68
Total Specified Costs					\$189.74	\$18,974.15
Returns Above Specified Costs					(\$9.29)	(\$929.15)
Breakeven Price to Cover Total Costs					\$178.32	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	\$134.78	\$134.78	\$237.77	\$237.77	\$0.00
90%	0.81	\$112.31	\$112.31	\$198.14	\$198.14	\$0.00
100%	0.90	\$101.08	\$101.08	\$178.32	\$178.32	\$0.00
110%	0.99	\$91.89	\$91.89	\$162.11	\$162.11	\$0.00
125%	1.13	\$80.87	\$80.87	\$142.66	\$142.66	\$0.00

Developed by Bill Thompson, Assistant 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.