

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Dryland Forage Oats, Follow Small Grains
West Central Extension District - 7

Crop Acres		100		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Oat Hay	0.90	Ton	\$150.00	\$135.00	\$13,500.00
Small Grains Pasture Gain	15.00	Pound of Gain	\$0.45	\$6.75	\$675.00
Small Grains Pasture Gain	15.00	Pound of Gain	\$0.45	\$6.75	\$675.00
Small Grains Pasture Gain	15.00	Pound of Gain	\$0.45	\$6.75	\$675.00
Total Revenue				\$155.25	\$15,525.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Fertilizer					
Nitrogen Dry-Urea	5	Pounds	\$0.48	\$2.42	\$241.80
Phos (11-52-0 DRY MAT)	18	Pounds	\$0.55	\$9.90	\$990.00
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	\$0.35	\$21.00	\$2,100.00
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	\$2.60	\$8.14	\$813.80
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	\$7.59	\$7.59	\$759.16
Implements	1	Acre	\$10.54	\$10.54	\$1,054.20
Interest on Credit Line			6.00%	\$2.07	\$207.47
Total Variable Costs				\$146.15	\$14,614.99
Planned Returns Above Variable Costs:				\$9.10	\$910.01
Breakeven Price to Cover Variable Costs			\$139.89	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	\$7.84	\$7.84	\$784.47
Implements	1	Acre	\$13.68	\$13.68	\$1,368.02
Equipment Investment					
Pickup/General Use Equipment	\$12.98	Dollars	6.00%	\$0.78	\$77.88
Tractors/Self-Propelled	\$61.11	Dollars	6.00%	\$3.67	\$366.68
Implements	\$58.52	Dollars	6.00%	\$3.51	\$351.12
Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$3,500.00
Total Fixed Costs				\$67.47	\$6,746.96
Total Specified Costs				\$213.62	\$21,361.96
Returns Above Specified Costs				(\$58.37)	(\$5,836.96)
Breakeven Price to Cover Total Costs			\$214.86	Ton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	0.68	\$186.52	\$286.47
90%	0.81	\$155.43	\$238.73
100%	0.90	\$139.89	\$214.86
110%	0.99	\$127.17	\$195.32
125%	1.13	\$111.91	\$171.88

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.