

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2020 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	\$163.00	\$146.70	\$14,670.00
Small Grains Pasture	15.00	Pound of Gain	\$0.45	\$6.75	\$675.00
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Total Revenue				\$166.95	\$16,695.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Seed					
Oat Seed	60	Pound	\$0.35	\$21.00	\$2,100.00
Fertilizer					
Nitrogen Dry-Urea	5	Pounds	\$0.38	\$1.90	\$190.20
Phos (11-52-0 DRY MAT)	18	Pounds	\$0.39	\$7.01	\$700.96
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
Miscellaneous					
NAP Insurance	1	Acre	\$2.00	\$2.00	\$200.00
Machinery Labor					
Tractors/Self-Propelled	0.38	Hour	\$15.00	\$5.70	\$570.00
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	\$8.17	\$8.17	\$816.78
Implements	1	Acre	\$12.22	\$12.22	\$1,221.79
Interest on Credit Line			6.00%	\$2.08	\$207.95
Total Variable Costs				\$146.14	\$14,614.03
Planned Returns Above Variable Costs:				\$20.81	\$2,080.97
Breakeven Price to Cover Variable Costs			\$139.88	Ton	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$2.99	\$2.99	\$298.80
Tractors/Self-Propelled	1	Acre	\$8.44	\$8.44	\$844.01
Implements	1	Acre	\$15.88	\$15.88	\$1,587.54
Equipment Investment					
Pickup/General Use Equipment	\$12.98	Dollars	6.00%	\$0.78	\$77.88
Tractors/Self-Propelled	\$65.75	Dollars	6.00%	\$3.95	\$394.51
Implements	\$67.91	Dollars	6.00%	\$4.07	\$407.47
Rent-Dryland Crop	1	Acre	\$35.00	\$35.00	\$3,500.00
Total Fixed Costs				\$71.10	\$7,110.19
Total Specified Costs				\$217.24	\$21,724.22
Returns Above Specified Costs				(\$50.29)	(\$5,029.22)
Breakeven Price to Cover Total Costs			\$218.88	Ton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	0.68	\$186.50	\$291.84
90%	0.81	\$155.42	\$243.20
100%	0.90	\$139.88	\$218.88
110%	0.99	\$127.16	\$198.98
125%	1.13	\$111.90	\$175.10

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.