

**Projections for Planning Purposes Only – Not to be Used without Updating**  
**2018 Estimated Costs and Returns per Acre**  
**Continuous Wheat, Sprinkler Irrigated (NG)**  
**Panhandle Extension District - 1**

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Wheat	50.00	Bushel	\$4.20	\$210.00	\$25,620.00
Grazing - Wheat	136.00	Pound	\$0.40	\$54.40	\$6,636.80
<b>Total Revenue</b>				<b>\$264.40</b>	<b>\$32,256.80</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Seed					
Seed - Wheat	1.2	Bushel	\$12.00	\$14.40	\$1,756.80
Fertilizer					
Fertilizer (N) - ANH3	50	Pound	\$0.24	\$12.00	\$1,464.00
Fertilizer (P) - Liquid	30	Pound	\$0.47	\$14.10	\$1,720.20
Fertilizer (N) - Liquid	25	Pound	\$0.40	\$10.00	\$1,220.00
Custom					
Fertilizer Application - ANH3	1	Acre	\$15.36	\$15.36	\$1,873.92
Harvest and Haul - Wheat Irrigated	50	Bushel	\$0.61	\$30.50	\$3,721.00
Miscellaneous					
Crop Insurance Wheat Irrigated	1	Acre	\$33.00	\$33.00	\$4,026.00
Insecticide					
Insecticide and Apply Wheat	1	Acre	\$9.02	\$9.02	\$1,100.44
Irrigation					
Energy Cost	10.00	AcreInch	\$3.50	\$35.00	\$4,270.00
Irrigation Labor	0.96	Hour	\$12.64	\$12.13	\$1,480.40
Machinery Labor					
Tractors/Self-Propelled	0.41	Hour	\$12.44	\$5.10	\$622.25
Other Labor	0.45	Hour	\$12.44	\$5.60	\$682.96
Diesel Fuel					
Tractors/Self-Propelled	2.12	Gallon	\$1.99	\$4.22	\$514.69
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.30	\$4.30	\$525.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51	\$306.00
Irrigation Equipment	1	Acre	\$40.40	\$40.40	\$4,928.80
Tractors/Self-Propelled	1	Acre	\$3.75	\$3.75	\$457.98
Implements	1	Acre	\$12.53	\$12.53	\$1,528.39
Interest on Credit Line			5.74%	\$8.78	\$1,070.99
<b>Total Variable Costs</b>				<b>\$272.70</b>	<b>\$33,269.81</b>
Planned Returns Above Variable Costs:				<b>(\$8.30)</b>	<b>(\$1,013.01)</b>
Breakeven Price to Cover Variable Costs			\$4.37	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63	\$321.30
Irrigation Equipment	1	Acre	\$33.50	\$33.50	\$4,087.50
Tractors/Self-Propelled	1	Acre	\$3.72	\$3.72	\$453.71
Implements	1	Acre	\$15.83	\$15.83	\$1,931.31
Equipment Investment					
Pickup/General Use Equipment	\$18.18	Dollars	6.01%	\$1.09	\$133.33
Irrigation Equipment	\$470.29	Dollars	6.01%	\$28.26	\$3,448.24
Tractors/Self-Propelled	\$28.97	Dollars	6.01%	\$1.74	\$212.43
Implements	\$67.72	Dollars	6.01%	\$4.07	\$496.53
Cash Rent - Wheat Irrigated	1	Acre	\$72.00	\$72.00	\$8,784.00
<b>Total Fixed Costs</b>				<b>\$162.86</b>	<b>\$19,868.35</b>
<b>Total Specified Costs</b>				<b>\$435.56</b>	<b>\$53,138.16</b>
Returns Above Specified Costs				<b>(\$171.16)</b>	<b>(\$20,881.36)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$7.62</b>	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	37.50	\$5.82	\$10.16
90%	45.00	\$4.85	\$8.47
100%	50.00	\$4.37	\$7.62
110%	55.00	\$3.97	\$6.93
125%	62.50	\$3.49	\$6.10

Developed by Steve Amosson, Regents Fellow, Professor and Extension Economist, Texas A&M AgriLife Extension, 806-677-5600.

**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.**