

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2017 Estimated Costs and Returns per Acre**  
**Continuous Wheat, Sprinkler Irrigated (NG) - 122 Acres**  
**Panhandle Extension District - 1**

Crop Acres		122				
		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>REVENUE</b>						
Wheat		50.00	Bushel	\$3.95	\$197.50	\$24,095.00
Grazing - Wheat		136.00	Pound	\$0.40	\$54.40	\$6,636.80
<b>Total Revenue</b>					<b>\$251.90</b>	<b>\$30,731.80</b>
<b>VARIABLE COSTS</b>						
<b>Production Costs</b>		Quantity	Units	\$/Unit	Total	Enterprise Total
Seed						
Seed - Wheat		1.2	Bushel	\$23.70	\$28.44	\$3,469.68
Fertilizer						
Fertilizer (N) - ANH3		50	Pound	\$0.25	\$12.50	\$1,525.00
Fertilizer (P) - Liquid		30	Pound	\$0.47	\$14.10	\$1,720.20
Fertilizer (N) - Liquid		25	Pound	\$0.41	\$10.25	\$1,250.50
Custom						
Fertilizer Application - ANH3		1	Acre	\$15.00	\$15.00	\$1,830.00
Harvest and Haul - Wheat Irrigated		50	Bushel	\$0.60	\$30.00	\$3,660.00
Miscellaneous						
Crop Insurance Wheat Irrigated		1	Acre	\$33.00	\$33.00	\$4,026.00
Insecticide						
Insecticide and Apply Wheat		1	Acre	\$8.90	\$8.90	\$1,085.80
Irrigation						
Energy Cost		10.00	AcreInch	\$3.60	\$36.00	\$4,392.00
Irrigation Labor		0.96	Hour	\$12.45	\$11.95	\$1,458.14
Machinery Labor						
Tractors/Self-Propelled		0.86	Hour	\$12.25	\$10.54	\$1,285.27
Diesel Fuel						
Tractors/Self-Propelled		2.12	Gallon	\$1.81	\$3.84	\$468.14
Gasoline						
Pickup/General Use Equipment		1	Acre	\$3.95	\$3.95	\$482.50
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	\$3.78	\$3.78	\$461.01
Implements		1	Acre	\$11.98	\$11.98	\$1,461.15
Interest on Credit Line				5.40%	\$8.34	\$1,017.17
<b>Total Variable Costs</b>					<b>\$285.47</b>	<b>\$34,827.36</b>
<b>Planned Returns Above Variable Costs:</b>					<b>(\$33.57)</b>	<b>(\$4,095.56)</b>
<b>Breakeven Price to Cover Variable Costs</b>					<b>\$4.62</b>	<b>Bushel</b>
<b>FIXED COSTS</b>						
<b>Machinery Depreciation</b>		Quantity	Units	\$/Unit	Total	Enterprise Total
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	\$3.75	\$3.75	\$457.02
Implements		1	Acre	\$15.13	\$15.13	\$1,845.43
Equipment Investment						
Pickup/General Use Equipment		\$18.18	Dollars	5.65%	\$1.03	\$125.35
Irrigation Equipment		\$470.29	Dollars	5.65%	\$26.57	\$3,241.69
Tractors/Self-Propelled		\$29.18	Dollars	5.65%	\$1.65	\$201.16
Implements		\$64.71	Dollars	5.65%	\$3.66	\$446.03
Cash Rent - Wheat Irrigated		1	Acre	\$72.00	\$72.00	\$8,784.00
<b>Total Fixed Costs</b>					<b>\$159.91</b>	<b>\$19,509.46</b>
<b>Total Specified Costs</b>					<b>\$445.38</b>	<b>\$54,336.83</b>
<b>Returns Above Specified Costs</b>					<b>(\$193.48)</b>	<b>(\$23,605.03)</b>
<b>Breakeven Price to Cover Total Costs</b>					<b>\$7.82</b>	<b>Bushel</b>

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	37.50	\$6.16	\$10.43
90%	45.00	\$5.13	\$8.69
100%	50.00	\$4.62	\$7.82
110%	55.00	\$4.20	\$7.11
125%	62.50	\$3.70	\$6.26

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.**