

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2019 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	\$5.00	\$250.00	\$30,500.00
Grazing - Wheat		136.00	Pound	\$0.45	\$61.20	\$7,466.40
Total Revenue					\$311.20	\$37,966.40
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
Seed - Wheat		1.2	Bushel	\$11.77	\$14.12	\$1,723.13
Fertilizer						
Fertilizer (N) - ANH3		45	Pound	\$0.28	\$12.60	\$1,537.20
Fertilizer (P) - Liquid		25	Pound	\$0.54	\$13.50	\$1,647.00
Fertilizer (N) - Liquid		20	Pound	\$0.47	\$9.40	\$1,146.80
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	\$36.30	\$36.30	\$4,428.60
Insecticide						
Insecticide and Apply Wheat		1	Acre	\$9.20	\$9.20	\$1,122.40
Irrigation						
Energy Cost		10.00	AcreInch	\$3.40	\$34.00	\$4,148.00
Irrigation Labor		0.96	Hour	\$13.24	\$12.71	\$1,550.67
Machinery Labor						
Tractors/Self-Propelled		0.41	Hour	\$13.03	\$5.34	\$651.76
Other Labor		0.45	Hour	\$13.03	\$5.86	\$715.35
Diesel Fuel						
Tractors/Self-Propelled		2.12	Gallon	\$2.33	\$4.94	\$602.63
Gasoline						
Pickup/General Use Equipment		1	Acre	\$4.82	\$4.82	\$587.50
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$2.51	\$2.51	\$306.00
Irrigation Equipment		1	Acre	\$37.50	\$37.50	\$4,575.00
Tractors/Self-Propelled		1	Acre	\$3.67	\$3.67	\$447.35
Implements		1	Acre	\$12.88	\$12.88	\$1,571.00
Interest on Credit Line				6.04%	\$9.38	\$1,143.95
Total Variable Costs					\$274.58	\$33,499.25
Planned Returns Above Variable Costs:					\$36.62	\$4,467.15
Breakeven Price to Cover Variable Costs					\$4.27	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	\$3.64	\$3.64	\$443.99
Implements		1	Acre	\$16.28	\$16.28	\$1,986.02
Equipment Investment						
Pickup/General Use Equipment		\$18.18	Dollars	6.32%	\$1.15	\$140.21
Irrigation Equipment		\$470.29	Dollars	6.32%	\$29.72	\$3,626.10
Tractors/Self-Propelled		\$28.35	Dollars	6.32%	\$1.79	\$218.60
Implements		\$69.64	Dollars	6.32%	\$4.40	\$536.93
Cash Rent - Wheat Irrigated		1	Acre	\$72.00	\$72.00	\$8,784.00
Total Fixed Costs					\$165.12	\$20,144.65
Total Specified Costs					\$439.70	\$53,643.90
Returns Above Specified Costs					(\$128.50)	(\$15,677.50)
Breakeven Price to Cover Total Costs					\$7.57	Bushel

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	37.50	\$5.69	\$10.09
90%	45.00	\$4.74	\$8.41
100%	50.00	\$4.27	\$7.57
110%	55.00	\$3.88	\$6.88
125%	62.50	\$3.41	\$6.06

Developed by DeDe Jones, Extension Risk Management Specialist III, 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.**