

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 Estimated Costs and Returns per Acre**  
**Continuous Wheat, Sprinkler Irrigated (NG)**  
**Panhandle Extension District - 1**

Crop Acres		122			
				Total	Enterprise Total
<b>REVENUE</b>					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Wheat	50.00	Bushel	\$4.62	\$231.00	\$28,182.00
Grazing - Wheat	136.00	Pound	\$0.45	\$61.20	\$7,466.40
<b>Total Revenue</b>				<b>\$292.20</b>	<b>\$35,648.40</b>
<b>VARIABLE COSTS</b>					
				Total	Enterprise Total
<b>Production Costs</b>					
Seed					
Seed - Wheat	1.2	Bushel	\$11.48	\$13.77	\$1,680.38
Fertilizer					
Fertilizer (N) - ANH3	45	Pound	\$0.29	\$12.92	\$1,575.63
Fertilizer (P) - Liquid	25	Pound	\$0.48	\$11.94	\$1,456.66
Fertilizer (N) - Liquid	20	Pound	\$0.48	\$9.64	\$1,175.47
Custom					
Fertilizer Application - ANH3	1	Acre	\$16.05	\$16.05	\$1,958.27
Harvest and Haul - Wheat Irrigated	50	Bushel	\$0.64	\$31.87	\$3,888.49
Miscellaneous					
Crop Insurance Wheat Irrigated	1	Acre	\$36.30	\$36.30	\$4,428.60
Insecticide					
Insecticide and Apply Wheat	1	Acre	\$9.62	\$9.62	\$1,173.61
Irrigation					
Energy Cost	10.00	AcreInch	\$3.96	\$39.60	\$4,831.20
Irrigation Labor	0.96	Hour	\$13.65	\$13.10	\$1,598.69
Machinery Labor					
Tractors/Self-Propelled	0.41	Hour	\$13.43	\$5.51	\$671.77
Other Labor	0.45	Hour	\$13.43	\$6.04	\$737.31
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	\$3.83	\$3.83	\$467.01
Implements	1	Acre	\$13.52	\$13.52	\$1,649.82
Interest on Credit Line			6.25%	\$9.89	\$1,205.98
<b>Total Variable Costs</b>				<b>\$283.36</b>	<b>\$34,570.02</b>
Planned Returns Above Variable Costs:				\$8.84	\$1,078.38
Breakeven Price to Cover Variable Costs				\$4.44	Bushel
<b>FIXED COSTS</b>					
				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	\$3.80	\$3.80	\$463.82
Implements	1	Acre	\$17.11	\$17.11	\$2,087.21
Equipment Investment					
Pickup/General Use Equipment	\$18.18	Dollars	6.25%	\$1.14	\$138.66
Irrigation Equipment	\$470.29	Dollars	6.25%	\$29.39	\$3,585.94
Tractors/Self-Propelled	\$29.62	Dollars	6.25%	\$1.85	\$225.83
Implements	\$73.19	Dollars	6.25%	\$4.57	\$558.04
Cash Rent - Wheat Irrigated	1	Acre	\$76.00	\$76.00	\$9,272.00
<b>Total Fixed Costs</b>				<b>\$170.00</b>	<b>\$20,740.30</b>
<b>Total Specified Costs</b>				<b>\$453.36</b>	<b>\$55,310.32</b>
Returns Above Specified Costs				<b>(\$161.16)</b>	<b>(\$19,661.92)</b>
<b>Breakeven Price to Cover Total Costs</b>				<b>\$7.84</b>	<b>Bushel</b>

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	37.50	\$5.92	\$10.46
90%	45.00	\$4.94	\$8.71
100%	50.00	\$4.44	\$7.84
110%	55.00	\$4.04	\$7.13
125%	62.50	\$3.55	\$6.27

Developed by Justin Benavidez, Assistant Professor, 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.**