

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Continuous Wheat, Furrow Irrigated (NG) - 122 Acres
Panhandle Extension District - 1

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Wheat	60.00	Bushel	\$6.02	\$361.20		\$44,066.40
Grazing - Wheat	136.00	Pound	\$0.50	\$68.00		\$8,296.00
Total Revenue				\$429.20		\$52,362.40
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Seed - Wheat	1.2	Bushel	\$24.40	\$29.28		\$3,572.16
Fertilizer						
Fertilizer (N) - ANH3	60	Pound	\$0.40	\$24.00		\$2,928.00
Fertilizer (P) - Liquid	40	Pound	\$0.85	\$34.00		\$4,148.00
Fertilizer (N) - Liquid	30	Pound	\$0.55	\$16.50		\$2,013.00
Custom						
Fertilizer Application - ANH3	1	Acre	\$11.75	\$11.75		\$1,433.50
Harvest and Haul - Wheat Irrigated	60	Bushel	\$0.61	\$36.60		\$4,465.20
Miscellaneous						
Crop Insurance Wheat Irrigated	1	Acre	\$22.94	\$22.94		\$2,799.17
Insecticide						
Insecticide and Apply Wheat	1	Acre	\$9.30	\$9.30		\$1,134.60
Irrigation						
Energy Cost	17.50	AcreInch	\$4.30	\$75.25		\$9,180.50
Irrigation Labor	2.46	Hour	\$11.75	\$28.86		\$3,520.68
Machinery Labor						
Tractors/Self-Propelled	1.06	Hour	\$11.75	\$12.46		\$1,519.51
Diesel Fuel						
Tractors/Self-Propelled	2.79	Gallon	\$3.30	\$9.21		\$1,123.25
Gasoline						
Pickup/General Use Equipment	1	Acre	\$6.13	\$6.13		\$747.50
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$2.51	\$2.51		\$306.00
Irrigation Equipment	1	Acre	\$69.35	\$69.35		\$8,460.35
Tractors/Self-Propelled	1	Acre	\$4.48	\$4.48		\$546.99
Implements	1	Acre	\$8.48	\$8.48		\$1,034.13
Interest on Credit Line			4.90%	\$10.62		\$1,295.70
Total Variable Costs				\$411.71		\$50,228.23
Planned Returns Above Variable Costs:						
Breakeven Price to Cover Variable Costs			\$5.73	Bushel		\$17.49 \$2,134.17
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$2.63	\$2.63		\$321.30
Irrigation Equipment	1	Acre	\$14.42	\$14.42		\$1,759.40
Tractors/Self-Propelled	1	Acre	\$4.49	\$4.49		\$547.83
Implements	1	Acre	\$10.62	\$10.62		\$1,295.21
Equipment Investment						
Pickup/General Use Equipment	\$31.35	Dollars	5.40%	\$1.69		\$206.55
Irrigation Equipment	\$379.51	Dollars	5.40%	\$20.49		\$2,500.20
Tractors/Self-Propelled	\$50.70	Dollars	5.40%	\$2.74		\$334.00
Implements	\$82.57	Dollars	5.40%	\$4.46		\$543.99
Cash Rent - Wheat Irrigated	1	Acre	\$80.75	\$80.75		\$9,851.50
Total Fixed Costs				\$142.29		\$17,359.98
Total Specified Costs				\$554.00		\$67,588.21
Returns Above Specified Costs						(\$124.80) (\$15,225.81)
Breakeven Price to Cover Total Costs			\$8.10	Bushel		

Example Breakeven Prices						
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	45.00	\$7.64	\$7.64	\$10.80	\$10.80	\$0.00
90%	54.00	\$6.36	\$6.36	\$9.00	\$9.00	\$0.00
100%	60.00	\$5.73	\$5.73	\$8.10	\$8.10	\$0.00
110%	66.00	\$5.21	\$5.21	\$7.36	\$7.36	\$0.00
125%	75.00	\$4.58	\$4.58	\$6.48	\$6.48	\$0.00

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

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.