

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2015 Estimated Costs and Returns per Acre**  
**Irrigated Wheat - 122 Acres**  
**South Plains Extension District - 2**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Wheat	60.00	Bushel	\$5.50	\$330.00		\$40,260.00
Grazing - Wheat Irrigated	136.00	Pound	\$0.50	\$68.00		\$8,296.00
<b>Total Revenue</b>				<b>\$398.00</b>		<b>\$48,556.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
<b>Seed</b>						
Seed - Wheat	1.5	Bushel	\$25.00	\$37.50		\$4,575.00
<b>Fertilizer</b>						
Fertilizer (P) - Liquid	56	Pound	\$0.74	\$41.16		\$5,021.52
Fertilizer (N) - Liquid	50	Pound	\$0.58	\$28.90		\$3,525.80
Fertilizer (N) - NH3	90	Pound	\$0.38	\$34.02		\$4,150.44
<b>Custom</b>						
Harvest and Haul - Wheat Irrigated	60	Bushel	\$0.50	\$30.00		\$3,660.00
Fertilizer Application - NH3	1	Acre	\$3.50	\$3.50		\$427.00
Fertilizer Application - Liquid Low	1	Acre	\$3.50	\$3.50		\$427.00
Fertilizer Application - Liquid High	1	Acre	\$4.75	\$4.75		\$579.50
<b>Miscellaneous</b>						
Crop Insurance Wheat Irrigated	1	Acre	\$19.50	\$19.50		\$2,379.00
<b>Insecticide</b>						
Insecticide and Apply Wheat	1	Acre	\$11.00	\$11.00		\$1,342.00
<b>Irrigation</b>						
Energy Cost	15.00	AcreInch	\$9.00	\$135.00		\$16,470.00
Irrigation Labor	0.90	Hour	\$12.00	\$10.80		\$1,317.60
<b>Machinery Labor</b>						
Tractors/Self-Propelled	1	Hour	\$12.00	\$12.00		\$1,464.00
<b>Diesel Fuel</b>						
Tractors/Self-Propelled	2.4	Gallon	\$3.00	\$7.20		\$878.40
<b>Gasoline</b>						
Pickup/General Use Equipment	2	Gallon	\$2.25	\$4.50		\$549.00
<b>Repairs &amp; Maintenance</b>						
Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50		\$61.00
Irrigation Equipment	1	Acre	\$26.25	\$26.25		\$3,202.50
Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00		\$732.00
Implements	1	Acre	\$3.00	\$3.00		\$366.00
Interest on Credit Line			6.00%	\$13.19		\$1,608.63
<b>Total Variable Costs</b>				<b>\$432.27</b>		<b>\$52,736.39</b>
Planned Returns Above Variable Costs:						
Breakeven Price to Cover Variable Costs			\$6.07	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Equipment Investment</b>						
Pickup/General Use Equipment	\$17.89	Dollars	7.00%	\$1.25		\$152.78
Irrigation Equipment	\$785.72	Dollars	7.00%	\$55.00		\$6,710.01
Tractors/Self-Propelled	\$171.40	Dollars	7.00%	\$12.00		\$1,463.76
Implements	\$142.90	Dollars	7.00%	\$10.00		\$1,220.37
Whole Farm Insurance	1	Acre	\$2.00	\$2.00		\$244.00
Cash Rent - Wheat Irrigated	1	Acre	\$100.00	\$100.00		\$12,200.00
<b>Total Fixed Costs</b>				<b>\$180.25</b>		<b>\$21,990.91</b>
<b>Total Specified Costs</b>				<b>\$612.52</b>		<b>\$74,727.30</b>
Returns Above Specified Costs						
Breakeven Price to Cover Total Costs			\$9.08	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	\$8.09	\$8.09	\$12.10	\$12.10	\$0.00
90%	54.00	\$6.75	\$6.75	\$10.08	\$10.08	\$0.00
100%	60.00	\$6.07	\$6.07	\$9.08	\$9.08	\$0.00
110%	66.00	\$5.52	\$5.52	\$8.25	\$8.25	\$0.00
125%	75.00	\$4.86	\$4.86	\$7.26	\$7.26	\$0.00

Developed by Jackie Smith, 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.**