

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 Estimated Costs and Returns per Acre**  
**Irrigated Wheat**  
**South Plains Extension District - 2**

Crop Acres		122			
REVENUE				Total	Enterprise Total
Wheat	60.00	Bushel	\$4.50	\$270.00	\$32,940.00
Grazing - Wheat Irrigated	136.00	Pound	\$0.55	\$74.80	\$9,125.60
Total Revenue				\$344.80	\$42,065.60
VARIABLE COSTS				Total	Enterprise Total
Production Costs					
Seed					
Seed - Wheat	1.5	Bushel	\$25.00	\$37.50	\$4,575.00
Fertilizer					
Fertilizer (P) - Liquid	56	Pound	\$0.64	\$35.84	\$4,372.48
Fertilizer (N) - Liquid	50	Pound	\$0.38	\$19.00	\$2,318.00
Fertilizer (N) - NH3	90	Pound	\$0.30	\$27.44	\$3,347.56
Custom					
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
Miscellaneous					
Crop Insurance Wheat Irrigated	1	Acre	\$19.50	\$19.50	\$2,379.00
Insecticide					
Insecticide and Apply Wheat	1	Acre	\$11.00	\$11.00	\$1,342.00
Irrigation					
Energy Cost	14.00	AcreInch	\$10.00	\$140.00	\$17,080.00
Irrigation Labor	1.00	Hour	\$12.00	\$12.00	\$1,464.00
Machinery Labor					
Tractors/Self-Propelled	0.47	Hour	\$12.00	\$5.64	\$688.08
Other Labor	0.53	Hour	\$12.00	\$6.36	\$775.92
Diesel Fuel					
Tractors/Self-Propelled	2.4	Gallon	\$1.90	\$4.56	\$556.32
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.40	\$4.40	\$536.80
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.50	\$0.50	\$61.00
Irrigation Equipment	1	Acre	\$25.25	\$25.25	\$3,080.50
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%	\$13.95	\$1,702.05
Total Variable Costs				\$413.69	\$50,470.21
Planned Returns Above Variable Costs:				(\$68.89)	(\$8,404.61)
Breakeven Price to Cover Variable Costs				\$5.65	Bushel
FIXED COSTS				Total	Enterprise Total
Equipment Fixed Costs					
Pickup/General Use Equipment	1	Acre	\$1.25	\$1.25	\$152.50
Irrigation Equipment	1	Acre	\$55.00	\$55.00	\$6,710.00
Tractors/Self-Propelled	1	Acre	\$12.00	\$12.00	\$1,464.00
Implements	1	Acre	\$10.00	\$10.00	\$1,220.00
Management Fee, Owner/Operator Labor	1	Acre	\$25.00	\$25.00	\$3,050.00
Cash Rent - Wheat Irrigated	1	Acre	\$100.00	\$100.00	\$12,200.00
Whole Farm Insurance	1	Acre	\$2.00	\$2.00	\$244.00
Total Fixed Costs				\$205.25	\$25,040.50
Total Specified Costs				\$618.94	\$75,510.71
Returns Above Specified Costs				(\$274.14)	(\$33,445.11)
Breakeven Price to Cover Total Costs				\$9.07	Bushel

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	45.00	\$7.53	\$12.09
90%	54.00	\$6.28	\$10.08
100%	60.00	\$5.65	\$9.07
110%	66.00	\$5.13	\$8.24
125%	75.00	\$4.52	\$7.26

Developed by Agricultural Economists, 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.**