

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2016 Estimated Costs and Returns per Acre**  
**Wheat, Center Pivot Irrigated, Trans Pecos - 122 Acres**  
**Far West Extension District - 6**

Crop Acres		122			
				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Wheat	50.00	Bushel	\$4.70	\$235.00	\$28,670.00
Total Revenue				\$235.00	\$28,670.00
VARIABLE COSTS				Total	Enterprise Total
Production Costs					
Seed					
Wheat Seed	75	Pound	\$0.28	\$21.00	\$2,562.00
Fertilizer					
Nitrogen - Dry (Urea 45-0-0)	80	Pound	\$0.43	\$34.64	\$4,226.08
Custom					
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$61.00
Haul Wheat	50	Bushel	\$0.20	\$10.00	\$1,220.00
Insecticide					
Lannate LV	1	Pint	\$10.38	\$10.38	\$1,265.75
Miscellaneous					
IRR Wheat RP, 65%, Ent, Pecos Co.	1	Acre	\$8.85	\$8.85	\$1,079.70
Irrigation					
Energy Cost	16.00	AcreInch	\$2.70	\$43.25	\$5,276.97
Irrigation Labor	0.05	Hour	\$12.00	\$0.55	\$67.64
Machinery Labor					
Tractors/Self-Propelled	0.93	Hour	\$12.00	\$11.16	\$1,361.52
Diesel Fuel					
Tractors/Self-Propelled	6.7	Gallon	\$1.50	\$10.05	\$1,226.10
Gasoline					
Pickup/General Use Equipment	1	Acre	\$2.68	\$2.68	\$327.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.86	\$0.86	\$105.46
Irrigation Equipment	1	Acre	\$42.34	\$42.34	\$5,165.38
Tractors/Self-Propelled	1	Acre	\$22.28	\$22.28	\$2,717.99
Implements	1	Acre	\$16.52	\$16.52	\$2,014.89
Interest on Credit Line			6.50%	\$8.00	\$976.27
Total Variable Costs				\$243.06	\$29,653.75
Planned Returns Above Variable Costs:				(\$8.06)	(\$983.75)
Breakeven Price to Cover Variable Costs				\$4.86	Bushel
FIXED COSTS				Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$1.81	\$1.81	\$220.73
Irrigation Equipment	1	Acre	\$44.90	\$44.90	\$5,477.26
Tractors/Self-Propelled	1	Acre	\$21.17	\$21.17	\$2,583.27
Implements	1	Acre	\$19.91	\$19.91	\$2,429.58
Equipment Investment					
Pickup/General Use Equipment	\$11.06	Dollars	6.50%	\$0.72	\$87.68
Irrigation Equipment	\$336.72	Dollars	6.50%	\$21.89	\$2,670.16
Tractors/Self-Propelled	\$161.30	Dollars	6.50%	\$10.48	\$1,279.09
Implements	\$94.48	Dollars	6.50%	\$6.14	\$749.21
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$4,880.00
Total Fixed Costs				\$167.02	\$20,376.97
Total Specified Costs				\$410.09	\$50,030.71
Returns Above Specified Costs				(\$175.09)	(\$21,360.71)
Breakeven Price to Cover Total Costs				\$8.20	Bushel

**Example Breakeven Prices**

Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	37.50	\$6.48	\$10.94
90%	45.00	\$5.40	\$9.11
100%	50.00	\$4.86	\$8.20
110%	55.00	\$4.42	\$7.46
125%	62.50	\$3.89	\$6.56

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service.

**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.**