

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Wheat, Center Pivot Irrigated, Trans Pecos
Far West Extension District - 6

Crop Acres		122			
				Total	Enterprise Total
REVENUE					
Wheat	Quantity	Units	\$/Unit	Total	Enterprise Total
	50.00	Bushel	\$3.85	\$192.50	\$23,485.00
Total Revenue				\$192.50	\$23,485.00
VARIABLE COSTS					
				Total	Enterprise Total
Production Costs					
Seed					
Wheat Seed	75	Pound	\$0.23	\$17.25	\$2,104.50
Fertilizer					
Nitrogen - Dry (Urea 45-0-0)	80	Pound	\$0.37	\$29.56	\$3,606.32
Custom					
Haul Wheat	50	Bushel	\$0.27	\$13.50	\$1,647.00
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$61.00
Miscellaneous					
IRR Wheat RP, 65%, Ent, Pecos Co.	1	Acre	\$10.34	\$10.34	\$1,261.48
Insecticide					
Lannate LV	1	Pint	\$10.38	\$10.38	\$1,265.75
Fungicides					
Wheat Fungicide	4	Ounce	\$0.50	\$2.00	\$244.00
Irrigation					
Energy Cost	16.00	AcreInch	\$5.32	\$85.20	\$10,394.03
Irrigation Labor	0.05	Hour	\$12.00	\$0.55	\$67.64
Machinery Labor					
Tractors/Self-Propelled	0.65	Hour	\$12.00	\$7.80	\$951.60
Other Labor	0.26	Hour	\$12.00	\$3.12	\$380.64
Diesel Fuel					
Tractors/Self-Propelled	6.64	Gallon	\$2.14	\$14.21	\$1,733.57
Gasoline					
Pickup/General Use Equipment	1	Acre	\$3.20	\$3.20	\$390.77
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	\$23.43	\$23.43	\$2,858.67
Implements	1	Acre	\$14.06	\$14.06	\$1,715.38
Interest on Credit Line			6.50%	\$9.53	\$1,162.14
Total Variable Costs				\$287.83	\$35,115.32
Planned Returns Above Variable Costs:				(\$95.33)	(\$11,630.32)
Breakeven Price to Cover Variable Costs				\$5.76	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	\$22.35	\$22.35	\$2,726.35
Implements	1	Acre	\$17.39	\$17.39	\$2,121.63
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	\$170.39	Dollars	6.50%	\$11.08	\$1,351.16
Implements	\$81.75	Dollars	6.50%	\$5.31	\$648.24
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$4,880.00
Total Fixed Costs				\$165.44	\$20,183.20
Total Specified Costs				\$453.27	\$55,298.51
Returns Above Specified Costs				(\$260.77)	(\$31,813.51)
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%	37.50	\$7.68	\$12.09
90%	45.00	\$6.40	\$10.07
100%	50.00	\$5.76	\$9.07
110%	55.00	\$5.23	\$8.24
125%	62.50	\$4.61	\$7.25

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.