

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 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	Total
Wheat	50.00	Bushel	\$5.73	\$286.50	\$34,953.00	\$34,953.00
Total Revenue				\$286.50	\$34,953.00	\$34,953.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Wheat Seed	75	Pound	\$0.28	\$21.00	\$2,562.00	\$2,562.00
Fertilizer						
Urea, Solid (46% N) TP	1.65	CWT	\$24.55	\$40.51	\$4,941.92	\$4,941.92
Custom						
Haul Wheat	50	Bushel	\$0.20	\$10.00	\$1,220.00	\$1,220.00
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$61.00	\$61.00
Miscellaneous						
IRR Wheat RP, 65%, Ent, Pecos C	1	Acre	\$8.88	\$8.88	\$1,083.36	\$1,083.36
Insecticide						
Lannate LV	1	Pint	\$8.00	\$8.00	\$976.00	\$976.00
Irrigation						
Energy Cost	16.00	AcreInch	\$3.72	\$59.47	\$7,255.83	\$7,255.83
Irrigation Labor	0.05	Hour	\$11.00	\$0.51	\$62.00	\$62.00
Machinery Labor						
Tractors/Self-Propelled	0.93	Hour	\$12.00	\$11.16	\$1,361.52	\$1,361.52
Diesel Fuel						
Tractors/Self-Propelled	6.7	Gallon	\$2.15	\$14.41	\$1,757.41	\$1,757.41
Gasoline						
Pickup/General Use Equipment	1	Acre	\$2.93	\$2.93	\$358.07	\$358.07
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$0.86	\$0.86	\$105.46	\$105.46
Irrigation Equipment	1	Acre	\$42.34	\$42.34	\$5,165.38	\$5,165.38
Tractors/Self-Propelled	1	Acre	\$22.28	\$22.28	\$2,717.99	\$2,717.99
Implements	1	Acre	\$11.96	\$11.96	\$1,459.26	\$1,459.26
Interest on Credit Line			6.50%	\$8.81	\$1,074.45	\$1,074.45
Total Variable Costs				\$263.62	\$32,161.65	\$32,161.65
Planned Returns Above Variable Costs:				\$22.88	\$2,791.35	\$2,791.35
Breakeven Price to Cover Variable Costs			\$5.27	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$1.81	\$1.81	\$220.73	\$220.73
Irrigation Equipment	1	Acre	\$44.90	\$44.90	\$5,477.26	\$5,477.26
Tractors/Self-Propelled	1	Acre	\$21.17	\$21.17	\$2,583.27	\$2,583.27
Implements	1	Acre	\$14.70	\$14.70	\$1,793.91	\$1,793.91
Equipment Investment						
Pickup/General Use Equipment	\$20.10	Dollars	6.50%	\$1.31	\$159.41	\$159.41
Irrigation Equipment	\$673.43	Dollars	6.50%	\$43.77	\$5,340.33	\$5,340.33
Tractors/Self-Propelled	\$240.46	Dollars	6.50%	\$15.63	\$1,906.87	\$1,906.87
Implements	\$120.65	Dollars	6.50%	\$7.84	\$956.73	\$956.73
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$4,880.00	\$4,880.00
Total Fixed Costs				\$191.14	\$23,318.50	\$23,318.50
Total Specified Costs				\$454.76	\$55,480.15	\$55,480.15
Returns Above Specified Costs				(\$168.26)	(\$20,527.15)	(\$20,527.15)
Breakeven Price to Cover Total Costs			\$9.10	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%	37.50	\$7.03	\$7.03	\$12.13	\$12.13	\$0.00
90%	45.00	\$5.86	\$5.86	\$10.11	\$10.11	\$0.00
100%	50.00	\$5.27	\$5.27	\$9.10	\$9.10	\$0.00
110%	55.00	\$4.79	\$4.79	\$8.27	\$8.27	\$0.00
125%	62.50	\$4.22	\$4.22	\$7.28	\$7.28	\$0.00

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.