

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2017 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	\$4.20	\$210.00	\$210.00	\$25,620.00
Total Revenue				\$210.00		\$25,620.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Wheat Seed	75	Pound	\$0.23	\$17.25		\$2,104.50
Fertilizer						
Nitrogen - Dry (Urea 45-0-0)	80	Pound	\$0.39	\$31.20		\$3,806.40
Custom						
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50		\$61.00
Haul Wheat	50	Bushel	\$0.27	\$13.50		\$1,647.00
Insecticide						
Lannate LV	1	Pint	\$10.38	\$10.38		\$1,265.75
Miscellaneous						
IRR Wheat RP, 65%, Ent, Pecos Co.	1	Acre	\$8.98	\$8.98		\$1,095.56
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	1.92	Hour	\$12.00	\$23.04		\$2,810.88
Diesel Fuel						
Tractors/Self-Propelled	8.83	Gallon	\$1.75	\$15.45		\$1,885.21
Gasoline						
Pickup/General Use Equipment	1	Acre	\$2.81	\$2.81		\$343.35
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	\$26.28	\$26.28		\$3,205.77
Implements	1	Acre	\$18.08	\$18.08		\$2,206.00
Interest on Credit Line			6.50%	\$9.37		\$1,143.32
Total Variable Costs				\$305.80		\$37,307.25
Planned Returns Above Variable Costs:				(\$95.80)		(\$11,687.25)
Breakeven Price to Cover Variable Costs			\$6.12	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
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	\$24.68	\$24.68		\$3,010.42
Implements	1	Acre	\$22.54	\$22.54		\$2,750.41
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	\$188.47	Dollars	6.50%	\$12.25		\$1,494.56
Implements	\$105.09	Dollars	6.50%	\$6.83		\$833.37
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00		\$4,880.00
Total Fixed Costs				\$175.61		\$21,424.59
Total Specified Costs				\$481.41		\$58,731.83
Returns Above Specified Costs				(\$271.41)		(\$33,111.83)
Breakeven Price to Cover Total Costs			\$9.63	Bushel		

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Bushel	Costs	Costs
75%	37.50	\$8.15	\$12.84
90%	45.00	\$6.80	\$10.70
100%	50.00	\$6.12	\$9.63
110%	55.00	\$5.56	\$8.75
125%	62.50	\$4.89	\$7.70

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.