

Projections for Planning Purposes Only -- Not to be Used without Updating
2023 Estimated Costs and Returns per Acre
Wheat, Center Pivot Irrigated, Trans Pecos
Far West Extension District - 6

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Wheat	50.00	Bushel	\$8.25	\$412.50	\$50,325.00
Total Revenue				\$412.50	\$50,325.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Fertilizer					
Nitrogen - Dry (Urea 45-0-0)	80	Pound	\$0.56	\$44.80	\$5,465.60
Custom					
Soil Test-Irrigated	1	Acre	\$0.50	\$0.50	\$61.00
Haul Wheat	50	Bushel	\$0.25	\$12.50	\$1,525.00
Seed					
Wheat Seed	75	Pound	\$0.27	\$20.25	\$2,470.50
Miscellaneous					
IRR Wheat RP, 65%, Ent, Pecos Co.	1	Acre	\$4.61	\$4.61	\$562.42
Insecticide					
Lannate LV	1	Pint	\$10.38	\$10.38	\$1,265.75
Fungicides					
Wheat Fungicide	4	Ounce	\$0.48	\$1.92	\$234.24
Irrigation					
Energy Cost	16.00	AcreInch	\$5.32	\$85.20	\$10,394.03
Irrigation Labor	0.05	Hour	\$17.50	\$0.81	\$98.64
Machinery Labor					
Tractors/Self-Propelled	0.65	Hour	\$17.21	\$11.19	\$1,364.75
Other Labor	0.26	Hour	\$17.21	\$4.47	\$545.90
Diesel Fuel					
Tractors/Self-Propelled	6.63	Gallon	\$2.24	\$14.85	\$1,811.85
Gasoline					
Pickup/General Use Equipment	1	Acre	\$2.80	\$2.80	\$341.72
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	\$26.75	\$26.75	\$3,263.07
Implements	1	Acre	\$15.84	\$15.84	\$1,932.78
Interest on Credit Line			8.00%	\$13.31	\$1,624.28
Total Variable Costs				\$313.38	\$38,232.36
Planned Returns Above Variable Costs:				\$99.12	\$12,092.64
Breakeven Price to Cover Variable Costs			\$6.27	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	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	\$25.48	\$25.48	\$3,108.27
Implements	1	Acre	\$19.48	\$19.48	\$2,376.38
Equipment Investment					
Pickup/General Use Equipment	\$11.06	Dollars	8.00%	\$0.88	\$107.91
Irrigation Equipment	\$336.72	Dollars	8.00%	\$26.94	\$3,286.35
Tractors/Self-Propelled	\$194.18	Dollars	8.00%	\$15.53	\$1,895.21
Implements	\$92.46	Dollars	8.00%	\$7.40	\$902.40
Trans Pecos Irrigated Land	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$192.41	\$23,474.51
Total Specified Costs				\$505.79	\$61,706.87
Returns Above Specified Costs				(\$93.29)	(\$11,381.87)
Breakeven Price to Cover Total Costs			\$10.12	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	37.50	\$8.36	\$13.49
90%	45.00	\$6.96	\$11.24
100%	50.00	\$6.27	\$10.12
110%	55.00	\$5.70	\$9.20
125%	62.50	\$5.01	\$8.09

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.