

Projections for Planning Purposes Only -- Not to be Used without Updating
2021 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	Total
	50.00	Bushel	\$4.60	\$230.00	\$28,060.00
Total Revenue				\$230.00	\$28,060.00
VARIABLE COSTS					
				Total	Enterprise Total
Production Costs					
Fertilizer					
Nitrogen - Dry (Urea 45-0-0)	80	Pound	\$0.40	\$32.18	\$3,925.47
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	\$15.00	\$0.69	\$84.55
Machinery Labor					
Tractors/Self-Propelled	0.65	Hour	\$15.00	\$9.75	\$1,189.50
Other Labor	0.26	Hour	\$15.00	\$3.90	\$475.80
Diesel Fuel					
Tractors/Self-Propelled	6.63	Gallon	\$1.50	\$9.95	\$1,213.29
Gasoline					
Pickup/General Use Equipment	1	Acre	\$2.41	\$2.41	\$294.30
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			4.55%	\$6.88	\$839.63
Total Variable Costs				\$286.90	\$35,002.17
Planned Returns Above Variable Costs:				(\$56.90)	(\$6,942.17)
Breakeven Price to Cover Variable Costs				\$5.74	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	\$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	5.50%	\$0.61	\$74.19
Irrigation Equipment	\$336.72	Dollars	5.50%	\$18.52	\$2,259.37
Tractors/Self-Propelled	\$194.18	Dollars	5.50%	\$10.68	\$1,302.96
Implements	\$92.46	Dollars	5.50%	\$5.09	\$620.40
Trans Pecos Irrigated Land	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$176.55	\$21,539.55
Total Specified Costs				\$463.46	\$56,541.72
Returns Above Specified Costs				(\$233.46)	(\$28,481.72)
Breakeven Price to Cover Total Costs				\$9.27	Bushel

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	37.50	\$7.65	\$12.36
90%	45.00	\$6.38	\$10.30
100%	50.00	\$5.74	\$9.27
110%	55.00	\$5.22	\$8.43
125%	62.50	\$4.59	\$7.42

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.