

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 Estimated Costs and Returns per Acre
Wheat, Center Pivot Irrigated, Trans Pecos
Far West Extension District - 6

Crop Acres		122			
				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Wheat	50.00	Bushel	\$4.28	\$214.00	\$26,108.00
Total Revenue				\$214.00	\$26,108.00
VARIABLE COSTS				Total	Enterprise Total
Production Costs					
Seed					
Wheat Seed	75	Pound	\$0.27	\$20.25	\$2,470.50
Fertilizer					
Nitrogen - Dry (Urea 45-0-0)	80	Pound	\$0.38	\$30.40	\$3,708.80
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	\$10.46	\$10.46	\$1,276.12
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	6.64	Gallon	\$2.60	\$17.26	\$2,106.21
Gasoline					
Pickup/General Use Equipment	1	Acre	\$3.22	\$3.22	\$392.40
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	\$25.63	\$25.63	\$3,126.52
Implements	1	Acre	\$15.17	\$15.17	\$1,850.84
Interest on Credit Line			6.00%	\$9.31	\$1,135.70
Total Variable Costs				\$300.74	\$36,689.80
Planned Returns Above Variable Costs:				(\$86.74)	(\$10,581.80)
Breakeven Price to Cover Variable Costs			\$6.01	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	\$24.45	\$24.45	\$2,982.80
Implements	1	Acre	\$18.78	\$18.78	\$2,290.96
Equipment Investment					
Pickup/General Use Equipment	\$11.06	Dollars	6.00%	\$0.66	\$80.93
Irrigation Equipment	\$336.72	Dollars	6.00%	\$20.20	\$2,464.77
Tractors/Self-Propelled	\$186.43	Dollars	6.00%	\$11.19	\$1,364.65
Implements	\$87.83	Dollars	6.00%	\$5.27	\$642.89
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$4,880.00
Total Fixed Costs				\$167.25	\$20,404.98
Total Specified Costs				\$467.99	\$57,094.78
Returns Above Specified Costs				(\$253.99)	(\$30,986.78)
Breakeven Price to Cover Total Costs			\$9.36	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	37.50	\$8.02	\$12.48
90%	45.00	\$6.68	\$10.40
100%	50.00	\$6.01	\$9.36
110%	55.00	\$5.47	\$8.51
125%	62.50	\$4.81	\$7.49

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.