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

Wheat Total Revenue	REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
NARIABLE COSTS					\$210.00	\$25,620.00
VARIABLE COSTS	Total Revenue				\$210.00	
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 \$33,806.40 \$0.20 \$31.20 \$33,806.40 \$0.20 \$31.20 \$33,806.40 \$0.30 \$31.20 \$33,806.40 \$0.30 \$31.20 \$33,806.40 \$0.30 \$31.20 \$33,806.40 \$0.30 \$31.20 \$33,806.40 \$0.30 \$31.20 \$33,806.40 \$0.30 \$31.20 \$33,806.40 \$0.30 \$31.20 \$33,806.40 \$0.30 \$31.20 \$33,806.40 \$0.30 \$33.20 \$33,806.40 \$0.30 \$33.20 \$33,806.40 \$0.30 \$33.20 \$33,806.40 \$0.30 \$33.20 \$33,806.40 \$0.30 \$33.20 \$33,806.40 \$0.30 \$33.20 \$33,806.40 \$0.30 \$33.20 \$33,806.40 \$0.30 \$33.20 \$33,806.40 \$0.30 \$33.20 \$33,806.40 \$0.30 \$33.20 \$33,806.40 \$0.30 \$33.20 \$33,806.40 \$0.30 \$33.20	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	•
Wheat Seed 75	Production Costs	•				
Fertilizer Nitrogen - Dry (Urea 45-0-0) 80 Pound \$0.39 \$31.20 \$3,806.40	Seed					
Nitrogen - Dry (Urea 45-0-0)		75	Pound	\$0.23	\$17.25	\$2,104.50
Custom						
Soil Test-Irrigated 1 Acre \$0.50 \$0.50 \$61.00 Haul Wheat 1 Pint \$10.38 \$13.50 \$1,647.00 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 \$0.55 \$67.64 Machinery Labor 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 \$42.34 \$42.34 \$5,165.38 Tractors/Self-Propelled 1 Acre \$18.08 \$13.08 \$2.206.00 Interest on Credit Line 1 Acre \$18.08 \$13.08 \$2.206.00 Interest on Credit Line 56.50% \$6.50% \$337.307.25 Planned Returns Above Variable Costs Fixed Propelled 1 Acre \$44.94 \$4.94 \$4.94 Machinery Depreciation Pickup/General Use Equipment 1 Acre \$44.94 \$4.94 \$4.94 Machinery Depreciation Pickup/General Use Equipment 1 Acre \$44.90 \$44.90 \$5.477.26 Tractors/Self-Propelled 1 Acre \$2.26 \$2.26 \$2.25 \$2.73 Irrigation Equipment 1 Acre \$2.26 \$2.25 \$2.75 Tractors/Self-Propelled 1 Acre \$2.26 \$2.25 \$2.25 \$2.25 Tractors/Self-Propelled 1 Acre \$2.26 \$2.25 \$2.25 \$2.25 Tractors/Self-Propelled 1 Acre \$2.26 \$2.25 \$2.25 \$2.25	, ,	80	Pound	\$0.39	\$31.20	\$3,806.40
Haul Wheat					40.50	***
Insecticide						*
Lannate LV		50	Busnei	\$0.27	\$13.50	\$1,647.00
Miscellaneous IRR Wheat RP, 65%, Ent, Pecos Co. 1 Acre \$8.98 \$8.98 \$1,095.56 Irrigation Energy Cost 16.00 Acrelnch \$5.32 \$85.20 \$10,334.03 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 \$42.34 \$42.34 \$5,165.38 Tractors/Self-Propelled 1 Acre \$42.34 \$42.34 \$5,165.38 Tractors/Self-Propelled 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 Acre \$18.08 \$18.08 \$2,206.00 Total Variable Costs \$6.12 Bushel Filxed Costs Free Self-Propelled 1 Acre \$18.08 \$18.08 \$3,307.25 Machinery Depreciation Acre \$44.90 \$44.90 \$5,477.26 Tractors/Self-Propelled 1 Acre \$44.90 \$44.90 \$5,477.26 Tractors/Self-Propelled 1 Acre \$44.90 \$44.90 \$5,477.26 Tractors/Self-Propelled 1 Acre \$24.88 \$24.68 \$3,010.42 Implements 1 Acre \$24.88 \$24.68 \$3,010.42 Implements 1 Acre \$24.88 \$24.68 \$3,010.42 Implements 1 Acre \$24.86 \$24.68 \$3,010.42 Implements 1 Acre \$24.86 \$24.68 \$3,010.42 Implements 1 Acre \$24.86 \$24.68 \$3,010.42 Implements \$11.06 Dollars 6.50% \$0.72 \$87.68 Irrigation Equipment \$336.72 Dollars 6.50% \$6.83 \$83.35 Tractors/Self-Propelled \$18.47 Dollars 6.50% \$6.83 \$83.35 Tractors/Self-Propelled \$18.47 Dollars 6.50% \$6.83 \$83.35 Trans Pecos Irrigated Land 1 Acre \$40.00 \$44.90 \$44.90 Trans Pecos Irrigated Land 1 Acre \$40.00 \$40.00 \$40.00 \$40.00 Self-Propelled \$18.847 Dollars		4	Dint	¢40.00	¢40.20	¢4 005 75
RR Wheat RP, 65%, Ent, Pecos Co. 1		1	Pint	\$10.38	\$10.38	\$1,200.75
Irrigation		1	Acro	¢o 00	90.92	¢1 005 56
Energy Cost		'	Acie	φ0.90	φ0.90	\$1,095.50
Irrigation Labor	5	16.00	Acrelnch	\$5.32	\$85.20	\$10.304.03
Machinery Labor Tractors/Self-Propelled 1.92 Hour \$12.00 \$23.04 \$2,810.88	•			*		
Tractors/Self-Propelled 1.92 Hour \$12.00 \$23.04 \$2,810.88 Diesel Fuel		0.00	rioui	Ψ12.00	ψ0.00	ΨΟ1.04
Diesel Fuel		1 92	Hour	\$12.00	\$23.04	\$2 810 88
Tractors/Self-Propelled 8.83 Gallon \$1.75 \$15.45 \$1,885.21	•			ψ.2.00	Ψ20.0.	ψ2,0.0.00
Pickup/General Use Equipment 1 Acre \$2.81 \$2.81 \$343.35		8.83	Gallon	\$1.75	\$15.45	\$1.885.21
Repairs & Maintenance	·			*****	*	**,****
Repairs & Maintenance	Pickup/General Use Equipment	1	Acre	\$2.81	\$2.81	\$343.35
Irrigation Equipment					•	·
Tractors/Self-Propelled Implements 1 Acre Sta.08 \$26.28 \$3,205.77 Implements \$1,000 Implements \$18.08 \$18.08 \$2,206.00 \$18.08 \$2,206.00 \$9.37 \$1,143.32 \$1,143.32 \$305.80 \$37,307.25 \$305.80 \$37,307	Pickup/General Use Equipment	1	Acre	\$0.86	\$0.86	\$105.46
Implements	Irrigation Equipment	1	Acre	\$42.34	\$42.34	\$5,165.38
Interest on Credit Line	Tractors/Self-Propelled	1	Acre	\$26.28	\$26.28	\$3,205.77
Total Variable Costs Sa05.80 \$37,307.25	Implements	1	Acre	\$18.08	\$18.08	\$2,206.00
Planned Returns Above Variable Costs Secretary S	Interest on Credit Line			6.50%	\$9.37	\$1,143.32
Breakeven Price to Cover Variable Costs \$6.12 Bushel Enterprise	Total Variable Costs			_	\$305.80	\$37,307.25
Pickup/General Use Equipment 1 Acre \$1.81 \$1.81 \$220.73 Irrigation Equipment 1 Acre \$44.90 \$44.90 \$5,477.26 Implements 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 \$481.41 \$58,731.83 Returns Above Specified Costs \$(\$271.41) \$(\$33,111.83)	Planned Returns Above Variable Costs:			_	(\$95.80)	(\$11,687.25)
Machinery Depreciation	Breakeven Price to Cover Variable Costs			\$6.12 B	ushel	
Machinery Depreciation Pickup/General Use Equipment 1 Acre \$1.81 \$1.81 \$220.73 Irrigation Equipment 1 Acre \$44.90 \$44.90 \$55,477.26 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 \$4,80.00 Total Fixed Costs \$175.61 \$21,424.59 \$481.41 \$58,731.83 Returns Above Specified Costs (\$271.41) (\$33,111.83)						Enterprise
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 \$22.54 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 \$4,80.00 \$4,880.00 Total Fixed Costs \$175.61 \$21,424.59 Returns Above Specified Costs \$(\$271.41) \$(\$33,111.83) Returns Above Specified Costs \$(\$271.41) \$(\$33,111.83) Contact \$1.81 \$1.81 \$22.73 Acre \$44.90 \$44.90 \$44.90 \$44.90 \$44.90 \$2.65 \$1.81 \$22.73 \$2.670.16 \$2.670.16 \$1.81 \$22.73 \$2.670.16 \$2.670.16 \$1.81 \$22.75 \$2.680 \$2.670.16 \$1.81 \$22.75 \$2.680 \$2.670.16 \$2.680 \$2.680 \$2.680 \$2.68	FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Irrigation Equipment						
Tractors/Self-Propelled 1 Acre \$24.68 \$24.68 \$3,010.42 Implements 1 Acre \$22.54 \$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 Total Specified Costs \$\$\$ \$1775.61 \$21,424.59 \$\$\$ \$\$\$ \$481.41 \$558,731.83\$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$						
Implements						
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 \$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)	·	-				. ,
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 \$44.000 \$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) Returns Above Specified Costs \$(\$271.41) \$(\$33,111.83) Returns Above Specified Costs \$(\$271.41) \$(\$33,111.83) Total Specified Costs \$(\$271.41) \$(\$271.41) Total Specified Costs \$(\$271.41) \$(\$271.41) \$(\$271.41) Total Specified Costs \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41)	•	1	Acre	\$22.54	\$22.54	\$2,750.41
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) Total Specified Costs \$(\$271.41) \$(\$271.41) Total Specified Costs \$(\$271.41) \$(\$271.41) \$(\$271.41) Total Specified Costs \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$271.41) \$(\$2						
Tractors/Self-Propelled Implements \$188.47 Dollars 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 \$481.41 \$58,731.83 Returns Above Specified Costs \$(\$271.41) \$(\$33,111.83)	•					·
Implements	•					
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)						
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)	•					
Total Specified Costs \$481.41 \$58,731.83 Returns Above Specified Costs (\$271.41) (\$33,111.83)		1	Acre	\$40.00		
Returns Above Specified Costs (\$271.41) (\$33,111.83)				_		
	lotal Specified Costs			=	\$481.41	\$58,731.83
Breakeven Price to Cover Total Costs \$9.63 Bushel	Returns Above Specified Costs				(\$271.41)	(\$33,111.83)
	Breakeven Price to Cover Total Costs			\$9.63 B	ushel	

		Examp	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.