Projections for Planning Purposes Only -- Not to be Used without Updating 2018 Estimated Costs and Returns per Acre Hard Red Spring Wheat, Irrigated, 60 bu. Yield Goal Coastal Bend Extension District - 11

Crop Acres 505

Glyphosate (Generic)	DEVENUE	Quantity	Lloito	¢/Lloit	Total	Enterprise
VARIABLE COSTS						
NARIABLE COSTS	. 9	00.00	Duonioi	Ψ1.00	•	
VARIABLE COSTS Quantity Units \$JUnit Total Total	Total Novolido				Ψ2. 0.00	
Herbicide	VARIABLE COSTS	Quantity	Units	\$/Unit	Total	
2, 4D	Production Costs	ĺ		•		
Glyphosate (Generic)	Herbicide					
Affinity	,		Ton	\$358.00	· ·	\$0.00
Custom					· ·	\$2,146.25
Fertilizer Application	•	0.5	Ounce	\$10.80	\$5.40	\$2,727.00
Custom Haul - Wheat 60 Bushel \$0.21 \$12.60 \$6,363.0 Fertilizer 24-8-0 0.125 Ton \$222.00 \$27.75 \$14,013.77 Other Labor Hand Labor 0.018 Hour \$16.00 \$0.29 \$145.4 Seed HRS Wheat Seed 90 Pound \$0.39 \$35.10 \$17,725.5 Miscellaneous Pickup Milage Charge 1 Acre \$3.88 \$3.88 \$1,959.4 Crop Insurance - Irr HRS Wheat 1 Acre \$6.30 \$6.30 \$3,181.5 Insecticide Wheat Insect Control 1.5 Pint \$7.88 \$11.82 \$5,969.1 Irrigation Energy Cost 10.00 Acrelnch \$2.10 \$21.00 \$10,605.0 Irrigation Labor 1.50 Hour \$19.50 \$29.25 \$14,771.2 Machinery Labor Tractors/Self-Propelled 7.33 Gallon \$2.30 \$16.86 \$8,513.8 Repairs & Maintenance Irrigation Equipment 1 Acre \$25.08 \$25.08 \$12,666.6 Implements 1 Acre \$33.85 \$33.85 \$17,093.6 Implements 1 Acre \$33.85 \$33.85 \$17,093.6 Implements 1 Acre \$14.72 \$14.72 \$7,435.2 Interest on Credit Line Tractors/Self-Propelled 1 Acre \$14.72 \$14.72 \$7,435.2 Interest on Credit Line Tractors/Self-Propelled 1 Acre \$33.86 \$33.86 \$33.85 \$17,093.6 Implements 1 Acre \$33.86 \$33.84 \$13,3540.9 S11.56 \$3,503.0 S2,500.7 \$2,						
Fertilizer 24-8-0 0.125 Ton \$222.00 \$27.75 \$14,013.75 Other Labor Hand Labor 0.018 Hour \$16.00 \$0.29 \$145.45 Seed HRS Wheat Seed 90 Pound \$0.39 \$35.10 \$17,725.55 Miscellaneous Pickup Milage Charge 1 Acre \$3.88 \$3.88 \$1,959.45 Crop Insurance - Irr HRS Wheat 1 Acre \$6.30 \$6.30 \$3,181.55 Insecticide Wheat Insect Control 1.5 Pint \$7.88 \$11.82 \$5,969.15 Irrigation Energy Cost 10.00 Acrelnch \$2.10 \$21.00 \$10,605.05 Irrigation Labor 1.50 Hour \$19.50 \$29.25 \$14,771.2 Machinery Labor Tractors/Self-Propelled 0.57 Hour \$19.50 \$29.25 \$14,771.2 Diesel Fuel Tractors/Self-Propelled 7.33 Gallon \$2.30 \$16.86 \$8,513.85 Repairs & Maintenance Irrigation Equipment 1 Acre \$25.08 \$25.08 \$12,666.65 Irrigation Equipment 1 Acre \$33.85 \$33.85 \$17,093.65 Interest on Credit Line 5.50% \$5.07 \$2,560.7 Total Variable Costs \$4.41 Bushel FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Irrigation Equipment 1 Acre \$33.85 \$33.64 \$13,3540.9 Machinery Depreciation Irrigation Equipment 1 Acre \$33.85 \$33.64 \$14,233.3 Tractors/Self-Propelled 1 Acre \$33.85 \$33.64 \$16,985.6 Implements 1 Acre \$33.85 \$33.64 \$33,540 \$16,985.6 Implements 1 Acre \$33.85 \$33.64 \$33,540 \$36,985.0 Equipment 1 Acre \$33.86 \$33.64 \$33,640 \$36,985.0 Implements \$95.01 Dollars 6.00% \$15.19 \$7,670.0 Implements \$95.01 Dollars 6.00% \$5.70 \$2,878.8 Management Fee, Owner/Operator Labor 1 Acre \$13.80 \$13.80 \$5,985.0 Total Fixed Costs \$44.60 \$325,646.8 \$33.85		-		*	*	
24-8-0		60	Bushel	\$0.21	\$12.60	\$6,363.00
Name		0.405	Т	# 222.00	07.7 5	¢44.040.75
Hand Labor Seed HRS Wheat Seed 90 Pound \$0.39 \$35.10 \$17,725.51		0.125	ron	\$222.00	\$27.75	\$14,013.75
Seed HRS Wheat Seed 90 Pound \$0.39 \$35.10 \$17,725.55		0.019	Hour	¢16.00	ድር ጋር	¢145 44
HRS Wheat Seed 90 Pound \$0.39 \$35.10 \$17,725.5		0.018	Hour	\$16.00	\$0.29	\$145.44
Miscellaneous		90	Pound	\$0.30	\$35.10	\$17 725 50
Pickup Milage Charge		30	i ound	ψ0.59	ψ55.10	Ψ17,725.50
Crop Insurance - Irr HRS Wheat		1	Acre	\$3.88	\$3.88	\$1 959 40
Insecticide					· ·	
Irrigation	•	•	, 10.0	ψ0.00	ψ0.00	ψο, το που
Irrigation		1.5	Pint	\$7.88	\$11.82	\$5,969.10
Energy Cost				,	•	*-,
Machinery Labor Tractors/Self-Propelled 0.57 Hour \$19.50 \$11.12 \$5,613.0 Diesel Fuel Tractors/Self-Propelled 7.33 Gallon \$2.30 \$16.86 \$8,513.0 Repairs & Maintenance Irrigation Equipment 1 Acre \$25.08 \$25.08 \$12,666.6 Tractors/Self-Propelled 1 Acre \$33.85 \$33.85 \$17,093.6 Implements 1 Acre \$14.72 \$14.72 \$7,435.2 Interest on Credit Line 5.50% \$5.07 \$2,560.7 Total Variable Costs \$5,50% \$5.07 \$2,560.7 Planned Returns Above Variable Costs: \$4.41 Bushel Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Irrigation Equipment 1 Acre \$28.18 \$28.18 \$14,233.3 Tractors/Self-Propelled 1 Acre \$33.64 \$33.64 \$16,985.6 Implements 1 Acre \$18.07 \$18.07 \$9,123.9 <td>•</td> <td>10.00</td> <td>AcreInch</td> <td>\$2.10</td> <td>\$21.00</td> <td>\$10,605.00</td>	•	10.00	AcreInch	\$2.10	\$21.00	\$10,605.00
Tractors/Self-Propelled 0.57 Hour \$19.50 \$11.12 \$5,613.00 Diesel Fuel Tractors/Self-Propelled 7.33 Gallon \$2.30 \$16.86 \$8,513.80 Repairs & Maintenance Irrigation Equipment 1 Acre \$25.08 \$25.08 \$12,666.60 Tractors/Self-Propelled 1 Acre \$33.85 \$33.85 \$17,093.60 Implements 1 Acre \$14.72 \$14.72 \$7,435.20 Interest on Credit Line 5.50% \$5.07 \$2,560.70 Total Variable Costs \$264.44 \$133,540.90 Planned Returns Above Variable Costs \$264.44 \$133,540.90 Breakeven Price to Cover Variable Costs \$4.41 Bushel FIXED COSTS Quantity Units \$1.00 Variable	Irrigation Labor	1.50	Hour	\$19.50	\$29.25	\$14,771.25
Diesel Fuel	Machinery Labor					
Tractors/Self-Propelled 7.33 Gallon \$2.30 \$16.86 \$8,513.81	Tractors/Self-Propelled	0.57	Hour	\$19.50	\$11.12	\$5,613.08
Repairs & Maintenance Irrigation Equipment 1 Acre \$25.08 \$25.08 \$12,666.66 Tractors/Self-Propelled 1 Acre \$33.85 \$33.85 \$17,093.61 Implements 1 Acre \$14.72 \$14.72 \$7,435.2 \$14.72 \$14.72 \$7,435.2 \$14.72 \$14.72 \$7,435.2 \$14.72 \$14	Diesel Fuel					
Irrigation Equipment	Tractors/Self-Propelled	7.33	Gallon	\$2.30	\$16.86	\$8,513.80
Tractors/Seif-Propelled 1 Acre \$33.85 \$33.85 \$17,093.66 Implements 1 Acre \$14.72 \$14.72 \$7,435.2 \$1.50 \$5.07 \$2,560.7 \$2,560.7 \$2,560.7 \$1.50 \$1						
Implements 1 Acre \$14.72 \$14.72 \$7,435.2 \$14.72 \$1.50% \$5.07 \$2.560.7 \$2.560.7 \$1.50% \$1.50% \$1.50% \$1.50% \$1.50% \$2.560.7 \$2.560.7 \$1.50% \$1.50% \$2.560.7 \$2.560.7 \$1.50%						\$12,666.67
Interest on Credit Line						
Total Variable Costs \$264.44 \$133,540.99		1	Acre			
Planned Returns Above Variable Costs \$11.56 \$5,839.00				5.50%		
Second				_		
PIXED COSTS Quantity Units \$/Unit Total Total						\$5,839.05
Machinery Depreciation Irrigation Equipment 1 Acre \$28.18 \$28.18 \$14,233.3 Tractors/Self-Propelled 1 Acre \$33.64 \$33.64 \$16,985.61 Implements 1 Acre \$18.07 \$18.07 \$9,123.91 Equipment Investment Irrigation Equipment \$293.56 Dollars 6.00% \$17.61 \$8,895.01 Tractors/Self-Propelled \$253.14 Dollars 6.00% \$15.19 \$7,670.01 Implements \$95.01 Dollars 6.00% \$5.70 \$2,878.81 Management Fee, Owner/Operator Labor 1 Acre \$13.80 \$13.80 \$6,999.01 CB - Land Charge 1 Acre \$70.00 \$70.00 \$35,350.01 Total Fixed Costs \$202.19 \$102,105.81 \$102	Breakeven Price to Cover Variable Costs			\$4.41 B	ushel	
Machinery Depreciation Irrigation Equipment 1 Acre \$28.18 \$28.18 \$14,233.3 Tractors/Self-Propelled 1 Acre \$33.64 \$33.64 \$16,985.6 Implements 1 Acre \$18.07 \$18.07 \$9,123.9 Equipment Investment Irrigation Equipment \$293.56 Dollars 6.00% \$17.61 \$8,895.0 Tractors/Self-Propelled \$253.14 Dollars 6.00% \$15.19 \$7,670.0 Implements \$95.01 Dollars 6.00% \$5.70 \$2,878.8 Management Fee, Owner/Operator Labor 1 Acre \$13.80 \$13.80 \$6,969.0 LCB - Land Charge 1 Acre \$70.00 \$35,350.0 Total Fixed Costs \$202.19 \$102,105.8 Total Specified Costs \$466.63 \$235,646.8	-W					
Irrigation Equipment		Quantity	Units	\$/Unit	l otal	l otal
Tractors/Seif-Propelled 1 Acre \$33.64 \$33.64 \$16,985.60 Implements 1 Acre \$18.07 \$18.07 \$9,123.90 Equipment Investment Irrigation Equipment \$293.56 Dollars 6.00% \$17.61 \$8,895.00 Tractors/Seif-Propelled \$253.14 Dollars 6.00% \$15.19 \$7,670.00 Implements \$95.01 Dollars 6.00% \$5.70 \$2,878.80 Management Fee, Owner/Operator Labor 1 Acre \$13.80 \$13.80 \$6,969.00 LCB - Land Charge 1 Acre \$70.00 \$70.00 \$35,350.00 Total Fixed Costs \$202.19 \$102,105.80 Total Specified Costs			A	COO 40	COO 40	#44.000.00
Implements						
Equipment Investment \$293.56 Dollars 6.00% \$17.61 \$8,895.00 Tractors/Self-Propelled \$253.14 Dollars 6.00% \$15.19 \$7,670.00 Implements \$95.01 Dollars 6.00% \$5.70 \$2,878.80 Management Fee, Owner/Operator Labor 1 Acre \$13.80 \$13.80 \$6,969.00 LCB - Land Charge 1 Acre \$70.00 \$35,350.00 Total Fixed Costs \$202.19 \$102,105.80 Total Specified Costs \$466.63 \$235,646.80						
Irrigation Equipment \$293.56 Dollars 6.00% \$17.61 \$8,895.00 Tractors/Self-Propelled \$253.14 Dollars 6.00% \$15.19 \$7,670.00 Implements \$95.01 Dollars 6.00% \$5.70 \$2,878.81 Management Fee, Owner/Operator Labor 1 Acre \$13.80 \$13.80 \$6,969.00 LCB - Land Charge 1 Acre \$70.00 \$70.00 \$35,350.00 Total Fixed Costs \$202.19 \$102,105.81 Total Specified Costs \$466.63 \$235,646.81 Total Specified Costs \$466.63 \$466.81 Total Specified Costs \$466.81	•	1	Acre	\$18.07	\$18.07	\$9,123.95
Tractors/Self-Propelled Implements \$253.14 Dollars 6.00% \$15.19 \$7,670.00 Implements Implements \$95.01 Dollars 6.00% \$5.70 \$2,878.80 Management Fee, Owner/Operator Labor LCB - Land Charge 1 Acre \$13.80 \$13.80 \$6,969.00 Total Fixed Costs \$202.19 \$102,105.80 Total Specified Costs \$466.63 \$235,646.80		¢202 E6	Dollara	6 00%	¢17.61	¢0 005 00
Implements						
Management Fee, Owner/Operator Labor LCB - Land Charge 1 Acre 1 Acre 2 Acre 370.00 \$13.80 \$6,969.00 \$35,350.0						
LCB - Land Charge 1 Acre \$70.00 \$35,350.00 Total Fixed Costs \$202.19 \$102,105.80 Total Specified Costs \$466.63 \$235,646.80						
Total Fixed Costs \$202.19 \$102,105.8 Total Specified Costs \$466.63 \$235,646.8						
Total Specified Costs \$466.63 \$235,646.80	<u> </u>	'	AUG	Ψ10.00		
				=		
Potures Above Consider Costs (\$400.62) (\$606.300.00)	Total Specified Costs			=	φ400.03	φ <u></u> 233,0 4 0.80
Returns above Specified Costs (\$190.03)	Returns Above Specified Costs				(\$190.63)	(\$96,266.80)
Breakeven Price to Cover Total Costs \$7.78 Bushel	Breakeven Price to Cover Total Costs			\$7.78 B	ushel	

		Examp	Example Breakeven Prices			
Example	Example	To Cover	To Cover			
Yield	Yield	Variable	Total			
Percent	Bushel	Costs	Costs			
75%	45.00	\$5.88	\$10.37			
90%	54.00	\$4.90	\$8.64			
100%	60.00	\$4.41	\$7.78			
110%	66.00	\$4.01	\$7.07			
125%	75.00	\$3.53	\$6.22			

 $\label{lem:conomists} \mbox{Developed by Extension Economists, Texas A\&M AgriLife Extension Service, budgets@tamu.edu.}$

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.