

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		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Hard Red Spring Wheat	60.00	Bushel	\$4.60	\$276.00	\$139,380.00
Total Revenue				\$276.00	\$139,380.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
2, 4D	0	Ton	\$358.00	\$0.00	\$0.00
Glyphosate (Generic)	1	Quart	\$4.25	\$4.25	\$2,146.25
Affinity	0.5	Ounce	\$10.80	\$5.40	\$2,727.00
Custom					
Fertilizer Application	1	CWT	\$0.10	\$0.10	\$50.50
Custom Haul - Wheat	60	Bushel	\$0.21	\$12.60	\$6,363.00
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	\$145.44
Seed					
HRS Wheat Seed	90	Pound	\$0.39	\$35.10	\$17,725.50
Miscellaneous					
Pickup Milage Charge	1	Acre	\$3.88	\$3.88	\$1,959.40
Crop Insurance - Irr HRS Wheat	1	Acre	\$6.30	\$6.30	\$3,181.50
Insecticide					
Wheat Insect Control	1.5	Pint	\$7.88	\$11.82	\$5,969.10
Irrigation					
Energy Cost	10.00	AcreInch	\$2.10	\$21.00	\$10,605.00
Irrigation Labor	1.50	Hour	\$19.50	\$29.25	\$14,771.25
Machinery Labor					
Tractors/Self-Propelled	0.57	Hour	\$19.50	\$11.12	\$5,613.08
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	\$12,666.67
Tractors/Self-Propelled	1	Acre	\$33.85	\$33.85	\$17,093.68
Implements	1	Acre	\$14.72	\$14.72	\$7,435.29
Interest on Credit Line			5.50%	\$5.07	\$2,560.76
Total Variable Costs				\$264.44	\$133,540.95
Planned Returns Above Variable Costs:				\$11.56	\$5,839.05
Breakeven Price to Cover Variable Costs			\$4.41	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Irrigation Equipment	1	Acre	\$28.18	\$28.18	\$14,233.33
Tractors/Self-Propelled	1	Acre	\$33.64	\$33.64	\$16,985.69
Implements	1	Acre	\$18.07	\$18.07	\$9,123.95
Equipment Investment					
Irrigation Equipment	\$293.56	Dollars	6.00%	\$17.61	\$8,895.00
Tractors/Self-Propelled	\$253.14	Dollars	6.00%	\$15.19	\$7,670.08
Implements	\$95.01	Dollars	6.00%	\$5.70	\$2,878.80
Management Fee, Owner/Operator Labor					
LCB - Land Charge	1	Acre	\$70.00	\$70.00	\$35,350.00
Total Fixed Costs				\$202.19	\$102,105.85
Total Specified Costs				\$466.63	\$235,646.80
Returns Above Specified Costs				(\$190.63)	(\$96,266.80)
Breakeven Price to Cover Total Costs			\$7.78	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total 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

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.