

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 Estimated Costs and Returns per Acre
Hard Red Spring Wheat, Irrigated, 60 bu. Yield Goal
Coastal Bend Extension District - 11

Crop Acres		505				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Hard Red Spring Wheat		60.00	Bushel	\$4.60	\$276.00	\$139,380.00
Total Revenue					\$276.00	\$139,380.00
VARIABLE COSTS						
Production Costs						
Herbicide						
Glyphosate (Generic)		1	Quart	\$3.38	\$3.38	\$1,706.90
Affinity		0.5	Ounce	\$10.38	\$5.19	\$2,620.95
Custom						
Fertilizer Application		1	Ounce	\$0.15	\$0.15	\$75.75
Custom Haul - Wheat		60	Bushel	\$0.21	\$12.60	\$6,363.00
Fertilizer						
24-8-0		0.125	Ton	\$266.00	\$33.25	\$16,791.25
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	\$7.02	\$7.02	\$3,545.10
Insecticide						
Wheat Insect Control		1.5	Pint	\$7.47	\$11.21	\$5,658.53
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		0.56	Hour	\$19.50	\$10.92	\$5,514.60
Diesel Fuel						
Tractors/Self-Propelled		7.1	Gallon	\$2.20	\$15.62	\$7,888.10
Repairs & Maintenance						
Irrigation Equipment		1	Acre	\$25.08	\$25.08	\$12,666.67
Tractors/Self-Propelled		1	Acre	\$36.18	\$36.18	\$18,269.44
Implements		1	Acre	\$14.46	\$14.46	\$7,300.77
Interest on Credit Line				6.00%	\$5.69	\$2,875.76
Total Variable Costs					\$270.26	\$136,483.40
Planned Returns Above Variable Costs:					\$5.74	\$2,896.60
Breakeven Price to Cover Variable Costs				\$4.50	Bushel	
FIXED COSTS						
Machinery Depreciation						
Irrigation Equipment		1	Acre	\$28.18	\$28.18	\$14,233.33
Tractors/Self-Propelled		1	Acre	\$35.17	\$35.17	\$17,762.34
Implements		1	Acre	\$17.90	\$17.90	\$9,040.25
Equipment Investment						
Irrigation Equipment		\$293.56	Dollars	6.00%	\$17.61	\$8,895.00
Tractors/Self-Propelled		\$264.66	Dollars	6.00%	\$15.88	\$8,019.32
Implements		\$96.23	Dollars	6.00%	\$5.77	\$2,915.90
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					\$204.33	\$103,185.15
Total Specified Costs					\$474.59	\$239,668.54
Returns Above Specified Costs					(\$198.59)	(\$100,288.54)
Breakeven Price to Cover Total Costs				\$7.91	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	45.00	\$6.01	\$10.55
90%	54.00	\$5.00	\$8.79
100%	60.00	\$4.50	\$7.91
110%	66.00	\$4.09	\$7.19
125%	75.00	\$3.60	\$6.33

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.