

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Hard Red Spring Wheat, Irrigated, 60 bu. Yield Goal
Coastal Bend Extension District - 11

Crop Acres		505			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Hard Red Spring Wheat	60.00	Bushel	\$5.25	\$315.00	\$159,075.00
Total Revenue				\$315.00	\$159,075.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
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	\$7.36	\$7.36	\$3,716.80
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	\$2.46	\$17.47	\$8,820.33
Repairs & Maintenance					
Irrigation Equipment	1	Acre	\$25.08	\$25.08	\$12,666.67
Tractors/Self-Propelled	1	Acre	\$34.78	\$34.78	\$17,561.53
Implements	1	Acre	\$14.41	\$14.41	\$7,277.84
Interest on Credit Line			6.75%	\$6.46	\$3,263.88
Total Variable Costs				\$271.77	\$137,244.60
Planned Returns Above Variable Costs:				\$43.23	\$21,830.40
Breakeven Price to Cover Variable Costs				\$4.53	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	\$33.68	\$33.68	\$17,008.32
Implements	1	Acre	\$17.72	\$17.72	\$8,950.35
Equipment Investment					
Irrigation Equipment	\$293.56	Dollars	6.00%	\$17.61	\$8,895.00
Tractors/Self-Propelled	\$253.50	Dollars	6.00%	\$15.21	\$7,681.15
Implements	\$94.41	Dollars	6.00%	\$5.66	\$2,860.73
Management Fee, Owner/Operator Labor					
LCB - Land Charge	1	Acre	\$70.00	\$70.00	\$35,350.00
Total Fixed Costs				\$203.83	\$102,932.64
Total Specified Costs				\$475.60	\$240,177.24
Returns Above Specified Costs				(\$160.60)	(\$81,102.24)
Breakeven Price to Cover Total Costs				\$7.93	Bushel

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	45.00	\$6.04	\$10.57
90%	54.00	\$5.03	\$8.81
100%	60.00	\$4.53	\$7.93
110%	66.00	\$4.12	\$7.21
125%	75.00	\$3.62	\$6.34

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.