

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Hard Red Spring Wheat, Irrigated, 60 bu. Yield Goal - 505 Acres
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					
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	\$256.00	\$32.00	\$16,160.00
Herbicide					
2, 4D	0	Ton	\$366.30	\$0.00	\$0.00
Glyphosate (Generic)	1	Quart	\$4.00	\$4.00	\$2,020.00
Affinity	0.5	Ounce	\$11.20	\$5.60	\$2,828.00
Insecticide					
Wheat Insect Control	1.5	Pint	\$9.25	\$13.88	\$7,006.88
Miscellaneous					
Pickup Milage Charge	1	Acre	\$3.88	\$3.88	\$1,959.40
Crop Insurance - Irr HRS Wheat	1	Acre	\$10.31	\$10.31	\$5,205.54
Seed					
HRS Wheat Seed	90	Pound	\$0.39	\$35.10	\$17,725.50
Other Labor					
Hand Labor	0.018	Hour	\$16.00	\$0.29	\$145.44
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	7.23	Gallon	\$2.10	\$15.18	\$7,667.42
Repairs & Maintenance					
Irrigation Equipment	1	Acre	\$25.08	\$25.08	\$12,666.67
Tractors/Self-Propelled	1	Acre	\$32.46	\$32.46	\$16,393.48
Implements	1	Acre	\$13.62	\$13.62	\$6,877.97
Interest on Credit Line			4.25%	\$3.88	\$1,959.33
Total Variable Costs				\$269.15	\$135,919.97
Planned Returns Above Variable Costs:				\$6.85	\$3,460.03
Breakeven Price to Cover Variable Costs			\$4.49 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	\$32.08	\$32.08	\$16,200.87
Implements	1	Acre	\$16.83	\$16.83	\$8,500.53
Equipment Investment					
Irrigation Equipment	\$293.56	Dollars	7.00%	\$20.55	\$10,377.50
Tractors/Self-Propelled	\$241.21	Dollars	7.00%	\$16.88	\$8,526.77
Implements	\$89.35	Dollars	7.00%	\$6.25	\$3,158.52
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				\$204.59	\$103,316.52
Total Specified Costs				\$473.74	\$239,236.49
Returns Above Specified Costs				(\$197.74)	(\$99,856.49)
Breakeven Price to Cover Total Costs			\$7.90 Bushel		

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	45.00	\$5.98	\$10.53
90%	54.00	\$4.98	\$8.77
100%	60.00	\$4.49	\$7.90
110%	66.00	\$4.08	\$7.18
125%	75.00	\$3.59	\$6.32

Developed by Extension Economists, Texas A&M AgriLife Extension Service.

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.