

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2016 Estimated Costs and Returns per Acre**  
**Soft Red Winter Wheat, 45 bu. Yield Goal - 500 Acres**  
**Coastal Bend Extension District - 11**

Crop Acres		500			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Soft Red Winter Wheat	45.00	Bushel	\$4.75	\$213.75	\$106,875.00
<b>Total Revenue</b>				<b>\$213.75</b>	<b>\$106,875.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Herbicide					
Wheat PostEmerge Herbicide	0.35	Ounce	\$11.21	\$3.92	\$1,961.75
Seed					
Soft Red Wheat	90	Pound	\$0.34	\$30.60	\$15,300.00
Fertilizer					
18-18-18'	0.08	Ton	\$446.00	\$35.68	\$17,840.00
46-0-0'	0.05	Ton	\$397.00	\$19.85	\$9,925.00
Custom					
Fertilizer Application UC	2	Acre	\$5.50	\$11.00	\$5,500.00
Apply by Air	1	Acre	\$6.00	\$6.00	\$3,000.00
Custom Grain Haul	27	CWT	\$0.30	\$8.10	\$4,050.00
Miscellaneous					
Crop Insurance -Wheat UC	1	Acre	\$21.00	\$21.00	\$10,500.00
Hand Labor	0.0833	Hour	\$16.00	\$1.33	\$666.40
G&A Overhead	1	Acre	\$10.50	\$10.50	\$5,250.00
Fungicides					
Wheat Fungicide	6	Ounce	\$3.78	\$22.68	\$11,340.00
Machinery Labor					
Tractors/Self-Propelled	0.65	Hour	\$19.50	\$12.68	\$6,337.50
Diesel Fuel					
Tractors/Self-Propelled	7.08	Gallon	\$2.10	\$14.87	\$7,434.00
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$20.64	\$20.64	\$10,321.58
Implements	1	Acre	\$11.76	\$11.76	\$5,878.82
Interest on Credit Line			4.25%	\$5.37	\$2,683.84
<b>Total Variable Costs</b>				<b>\$235.98</b>	<b>\$117,988.90</b>
Planned Returns Above Variable Costs:				<b>(\$22.23)</b>	<b>(\$11,113.90)</b>
Breakeven Price to Cover Variable Costs			\$5.24	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$19.81	\$19.81	\$9,903.33
Implements	1	Acre	\$14.14	\$14.14	\$7,070.89
Equipment Investment					
Tractors/Self-Propelled	\$151.25	Dollars	7.00%	\$10.59	\$5,293.84
Implements	\$75.89	Dollars	7.00%	\$5.31	\$2,656.08
Management Fee, Owner/Operator Labor	1	Acre	\$10.69	\$10.69	\$5,343.75
UCB - Land Charge	1	Acre	\$85.00	\$85.00	\$42,500.00
<b>Total Fixed Costs</b>				<b>\$145.54</b>	<b>\$72,767.90</b>
<b>Total Specified Costs</b>				<b>\$381.51</b>	<b>\$190,756.80</b>
Returns Above Specified Costs				<b>(\$167.76)</b>	<b>(\$83,881.80)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$8.48</b>	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	33.75	\$6.99	\$11.30
90%	40.50	\$5.83	\$9.42
100%	45.00	\$5.24	\$8.48
110%	49.50	\$4.77	\$7.71
125%	56.25	\$4.20	\$6.78

Developed by Levi Russell, Assistant Professor and Extension Economist, 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.**