

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2020 Estimated Costs and Returns per Acre**  
**Sorghum - Conventional Till-12 Row, Dryland, 90 bu. Yield Goal**  
**Coastal Bend Extension District - 11**

Crop Acres		500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Grain Sorghum, Upper Coast	90.00	Bushel	\$3.30	\$297.00	\$148,500.00	\$148,500.00
<b>Total Revenue</b>				<b>\$297.00</b>	<b>\$148,500.00</b>	<b>\$148,500.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
<b>Herbicide</b>						
Glyphosate (Generic)	2	Quart	\$3.38	\$6.76	\$3,380.00	\$3,380.00
2, 4D Amine`	1	Pint	\$1.43	\$1.43	\$715.00	\$715.00
Atrazine 4L`	2	Quart	\$3.00	\$6.00	\$3,000.00	\$3,000.00
Sorghum PreEmerge Herbicide	14	Ounce	\$0.92	\$12.88	\$6,440.00	\$6,440.00
Atrazine 4L	1	Quart	\$3.00	\$3.00	\$1,500.00	\$1,500.00
<b>Seed</b>						
Treated Sorghum Seed	7	Pound	\$3.20	\$22.40	\$11,200.00	\$11,200.00
<b>Fertilizer</b>						
24-8-0`	0.21	Ton	\$264.00	\$55.44	\$27,720.00	\$27,720.00
<b>Custom</b>						
Apply by Air	1	Acre	\$6.00	\$6.00	\$3,000.00	\$3,000.00
Custom Grain Haul	50.4	CWT	\$0.35	\$17.64	\$8,820.00	\$8,820.00
<b>Miscellaneous</b>						
Crop Insurance -Sorghum UC	1	Acre	\$6.32	\$6.32	\$3,160.00	\$3,160.00
<b>Insecticide</b>						
Transform	1	Ounce	\$7.73	\$7.73	\$3,865.00	\$3,865.00
Headworn Control	0.0285	Ounce	\$1.16	\$0.03	\$16.53	\$16.53
<b>Other Labor</b>						
Hand Labor	0.21	Hour	\$16.00	\$3.36	\$1,680.00	\$1,680.00
<b>Machinery Labor</b>						
Tractors/Self-Propelled	0.87	Hour	\$19.50	\$16.97	\$8,482.50	\$8,482.50
<b>Diesel Fuel</b>						
Tractors/Self-Propelled	9.81	Gallon	\$2.20	\$21.58	\$10,791.00	\$10,791.00
<b>Repairs &amp; Maintenance</b>						
Tractors/Self-Propelled	1	Acre	\$28.46	\$28.46	\$14,231.86	\$14,231.86
Implements	1	Acre	\$19.27	\$19.27	\$9,636.98	\$9,636.98
Interest on Credit Line			6.00%	\$8.16	\$4,078.63	\$4,078.63
<b>Total Variable Costs</b>				<b>\$243.43</b>	<b>\$121,717.49</b>	<b>\$121,717.49</b>
Planned Returns Above Variable Costs:				\$53.57	\$26,782.51	\$26,782.51
Breakeven Price to Cover Variable Costs			\$2.70	Bushel		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Machinery Depreciation</b>						
Tractors/Self-Propelled	1	Acre	\$29.31	\$29.31	\$14,653.28	\$14,653.28
Implements	1	Acre	\$22.62	\$22.62	\$11,312.49	\$11,312.49
<b>Equipment Investment</b>						
Tractors/Self-Propelled	\$224.21	Dollars	6.00%	\$13.45	\$6,726.25	\$6,726.25
Implements	\$128.32	Dollars	6.00%	\$7.70	\$3,849.57	\$3,849.57
Management Fee, Owner/Operator Labor	1	Acre	\$14.85	\$14.85	\$7,425.00	\$7,425.00
UCB - Land Charge	1	Acre	\$85.00	\$85.00	\$42,500.00	\$42,500.00
<b>Total Fixed Costs</b>				<b>\$172.93</b>	<b>\$86,466.59</b>	<b>\$86,466.59</b>
<b>Total Specified Costs</b>				<b>\$416.37</b>	<b>\$208,184.08</b>	<b>\$208,184.08</b>
Returns Above Specified Costs				<b>(\$119.37)</b>	<b>(\$59,684.08)</b>	<b>(\$59,684.08)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$4.63</b>	<b>Bushel</b>		

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	67.50	\$3.61	\$6.17
90%	81.00	\$3.01	\$5.14
100%	90.00	\$2.70	\$4.63
110%	99.00	\$2.46	\$4.21
125%	112.50	\$2.16	\$3.70

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.**