

Projections for Planning Purposes Only -- Not to be Used without Updating
2013 Estimated Costs and Returns per Acre
Sorghum - Conventional Till-12 Row, Dryland, 5600 lb. Yield Goal - 500 Acres
Upper Coastal Bend, Coastal Bend Extension District - 11

Crop Acres		500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Grain Sorghum	56.00	CWT	\$9.70	\$543.20	\$271,600.00	\$271,600.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	\$0.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	\$0.00
Total Revenue				\$543.20	\$271,600.00	\$271,600.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Fertilizer						
24-8-0	0.225	Ton	\$396.85	\$89.29	\$44,645.63	
Custom						
Apply by Air	1	Acre	\$6.00	\$6.00	\$3,000.00	
Custom Grain Haul	57	CWT	\$0.30	\$17.10	\$8,550.00	
Herbicide						
Glyphosate (gal.)	0.21875	Gallon	\$14.09	\$3.08	\$1,541.09	
2, 4D Amine	2	Pint	\$1.94	\$3.88	\$1,940.00	
Crop Oil	0.5	Pint	\$1.70	\$0.85	\$425.00	
Atrazine 4L	2	Pint	\$1.68	\$3.36	\$1,680.00	
Sorghum PreEmerge Herbicide	1	Quart	\$10.52	\$10.52	\$5,260.00	
Sorghum PostEmerge Herbicide	0.5	Ounce	\$13.20	\$6.60	\$3,300.00	
Surfactant	0.015	Pint	\$1.61	\$0.02	\$12.08	
Insecticide						
Cutworm Control	1.25	Ounce	\$0.52	\$0.65	\$325.00	
Worm Control	0.0285	Gallon	\$180.91	\$5.16	\$2,577.97	
Seed						
Treated Grain Sorghum Seed	7	Pounds	\$3.35	\$23.45	\$11,725.00	
Other						
Crop Insurance -Sorghum	1	Acre	\$5.70	\$5.70	\$2,850.00	
Diesel Fuel						
Tractors	4.68	Gallons	\$3.30	\$15.46	\$7,729.32	
Self Propelled	1.12	Gallons	\$3.30	\$3.70	\$1,848.00	
Repairs & Maintenance						
Implements	1	Acre	\$2.40	\$2.40	\$1,200.26	
Tractors	1	Acre	\$2.33	\$2.33	\$1,164.36	
Self Propelled	1	Acre	\$5.70	\$5.70	\$2,850.58	
Operator Labor						
Tractors	0.46	Hours	\$13.75	\$6.29	\$3,146.48	
Self Propelled	0.10	Hours	\$13.75	\$1.31	\$656.94	
Hand Labor						
Tractors	0.17	Hours	\$7.50	\$1.25	\$624.75	
Self Propelled	0.04	Hours	\$7.50	\$0.30	\$150.00	
Interest on Credit Line			5.00%	\$5.62	\$2,808.06	
Total Variable Costs				\$220.02	\$110,010.51	
Planned Returns Above Variable Costs:				\$323.18	\$161,589.49	
Breakeven Price to Cover Variable Costs			\$3.93	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery						
Implements	1	Acre	\$9.72	\$9.72	\$4,858.86	
Tractors	1	Acre	\$11.31	\$11.31	\$5,655.69	
Self Propelled	1	Acre	\$11.98	\$11.98	\$5,987.83	
Management Charge	\$543.20	Dollars	5.00%	\$27.16	\$13,580.00	
G&A Overhead	1	Acre	\$10.50	\$10.50	\$5,250.00	
LCB - Land Charge	1	Acre	\$40.00	\$40.00	\$20,000.00	
Total Fixed Costs				\$110.66	\$55,332.38	
Total Specified Costs				\$330.69	\$165,342.89	
Returns Above Specified Costs				\$212.51	\$106,257.11	
Breakeven Price to Cover Total Costs			\$5.91	CWT		

Breakeven Prices						
Yield Percent	Yield CWT	Variable Costs			Total Costs	
		Full	Tenant	Full	Tenant	Landlord
75%	42.00	\$5.24	\$5.24	\$7.87	\$7.87	\$0.00
90%	50.40	\$4.37	\$4.37	\$6.56	\$6.56	\$0.00
100%	56.00	\$3.93	\$3.93	\$5.91	\$5.91	\$0.00
110%	61.60	\$3.57	\$3.57	\$5.37	\$5.37	\$0.00
125%	70.00	\$3.14	\$3.14	\$4.72	\$4.72	\$0.00

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation.