

University of Missouri Extension Southeast Missouri Crop Budget
2009 Grain Sorghum Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	0.16	Bags	90.00	14.40	
Nitrogen	125	Pounds	0.44	55.00	
Phosphate	60	Pounds	0.65	39.00	
Potash	40	Pounds	0.70	28.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	26.00	26.00	
Post-Emerge	1	Acre	4.00	4.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	6.00	6.00	
Drying Fuel & Electricity*	110	Bushels	0.17	18.70	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	19.00	19.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	110	Bushels	0.17	18.70	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	19.00	19.00	
Irrigation Labor	0	Acre	4.00	-	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 288.80	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	11.55	
Total Variable		Acre		\$ 300.35	
Fixed Machinery Cost	1	Acre	40.00	40.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 340.35	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 467.89	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
70	\$4.10	\$4.67	\$6.49	140	\$2.22	\$2.50	\$3.41
80	\$3.63	\$4.13	\$5.72	150	\$2.09	\$2.36	\$3.21
90	\$3.26	\$3.71	\$5.12	160	\$1.98	\$2.23	\$3.03
100	\$2.97	\$3.37	\$4.64	170	\$1.89	\$2.12	\$2.87
110	\$2.73	\$3.09	\$4.25	180	\$1.80	\$2.02	\$2.73
120	\$2.53	\$2.86	\$3.93	190	\$1.72	\$1.93	\$2.61
130	\$2.36	\$2.67	\$3.65	200	\$1.65	\$1.85	\$2.49