

University of Missouri Extension Southeast Missouri Crop Budget 2009 No-Till Double Crop 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	90	Pounds	0.44	39.60	
Phosphate	35	Pounds	0.65	22.75	
Potash	25	Pounds	0.70	17.50	
Limestone	0.25	Tons	25.00	6.25	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	1	Acre	10.00	10.00	
Pre-Emerge	1	Acre	26.00	26.00	
Post-Emerge	1	Acre	4.00	4.00	
Fungicide	0	Acre	0.00	-	
Insecticide	1	Acre	16.00	16.00	
Drying Fuel & Electricity*	70	Bushels	0.17	11.90	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	14.00	14.00	
Machinery Repairs	1	Acre	11.00	11.00	
Hauling & Transportation*	70	Bushels	0.17	11.90	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	0	Acre	5.00	-	
Custom Application	2	Acre	6.50	13.00	
Subtotal		Acre		\$ 238.30	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	9.53	
Total Variable		Acre		\$ 247.83	
Fixed Machinery Cost	1	Acre	35.00	35.00	
Fixed Irrigation Cost	0	Acre	70.00	-	
Total (Excluding Land)		Acre		\$ 282.83	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
Total Cost		Acre		\$ 346.60	

* 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
50	\$4.82	\$5.52	\$6.80	120	\$2.21	\$2.50	\$3.03
60	\$4.07	\$4.66	\$5.72	130	\$2.06	\$2.33	\$2.82
70	\$3.54	\$4.04	\$4.95	140	\$1.94	\$2.19	\$2.65
80	\$3.14	\$3.58	\$4.38	150	\$1.83	\$2.07	\$2.49
90	\$2.83	\$3.22	\$3.93	160	\$1.74	\$1.96	\$2.36
100	\$2.58	\$2.93	\$3.57	170	\$1.66	\$1.86	\$2.24
110	\$2.38	\$2.69	\$3.27	180	\$1.58	\$1.78	\$2.13