

University of Missouri Extension Southeast Missouri Crop Budget

2012 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	98.00	15.68	
Nitrogen	90	Pounds	0.65	58.50	
Phosphate	35	Pounds	0.75	26.25	
Potash	25	Pounds	0.55	13.75	
Limestone	0.25	Tons	28.00	7.00	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Burn Down Herbicides	1	Acre	5.00	5.00	
Pre-Emerge	1	Acre	28.00	28.00	
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	19.00	19.00	
Machinery Repairs	1	Acre	13.00	13.00	
Hauling & Transportation*	70	Bushels	0.17	11.90	
Irrigation Fuel (Acre Inches)	0	Acre	3.00	-	
Irrigation Repairs	0	Acre	12.00	-	
Labor	1	Acre	28.00	28.00	
Irrigation Labor	0	Acre	3.00	-	
Custom Application	2	Acre	6.50	13.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	8.28	
Total Variable		Acre		\$ 284.26	
Fixed Machinery Cost	1	Acre	36.00	36.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	0	Acre	72.00	-	
Total (Excluding Land)		Acre		\$ 330.26	
Land Real Estate Taxes	1	Acre	0.25%	4.03	
Land Interest	1610	Acre	4.00%	64.40	
Total Cost		Acre		\$ 398.68	

* 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	\$5.55	\$6.47	\$7.84	120	\$2.51	\$2.89	\$3.46
60	\$4.68	\$5.45	\$6.59	130	\$2.34	\$2.70	\$3.22
70	\$4.06	\$4.72	\$5.70	140	\$2.20	\$2.53	\$3.02
80	\$3.60	\$4.17	\$5.03	150	\$2.08	\$2.38	\$2.84
90	\$3.23	\$3.75	\$4.51	160	\$1.97	\$2.26	\$2.68
100	\$2.94	\$3.40	\$4.09	170	\$1.87	\$2.14	\$2.55
110	\$2.71	\$3.13	\$3.75	180	\$1.79	\$2.04	\$2.42