

## University of Missouri Extension Southeast Missouri Crop Budget

### 2018 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	125.00	20.00	
Nitrogen	90	Pounds	0.36	32.40	
Phosphate	40	Pounds	0.34	13.60	
Potash	25	Pounds	0.28	7.00	
Limestone	0.25	Tons	29.00	7.25	
Starter Fertilizer	0	Acre	0.00	0.00	
Zinc	0	Pounds	0.00	0.00	
Sulfur	0	Pounds	0.00	0.00	
Burn Down Herbicides	1	Acre	7.00	7.00	
Pre-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	8.00	8.00	
Fungicide	0	Acre	0.00	0.00	
Insecticide	1	Acre	36.00	36.00	
Drying Fuel & Electricity*	70	Bushels	0.18	12.60	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	13.00	13.00	
Machinery Repairs	1	Acre	15.00	15.00	
Hauling & Transportation*	70	Bushels	0.17	11.90	
Labor	1	Acre	27.00	27.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.50	0.00	
Irrigation Repairs	0	Acre	10.00	0.00	
Irrigation Labor	0	Acre	5.00	0.00	
Custom Application	2	Acre	6.50	13.00	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	7.73	
<b>Total Variable</b>		Acre		<b>\$ 265.48</b>	
Fixed Machinery Cost	1	Acre	44.00	44.00	
Fixed Buildings & Bins Cost	1	Acre	12.00	12.00	
Fixed Irrigation Cost	0	Acre	86.00	0.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 321.48</b>	
Land Real Estate Taxes	1	Acre	0.20%	6.00	
Land Interest	3000	Acre	2.50%	75.00	
<b>Total Cost</b>		Acre		<b>\$ 402.48</b>	

\* 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	\$5.17	\$6.29	\$7.91	120	\$2.36	\$2.82	\$3.50
60	\$4.37	\$5.30	\$6.65	130	\$2.20	\$2.63	\$3.26
70	\$3.79	\$4.59	\$5.75	140	\$2.07	\$2.47	\$3.05
80	\$3.36	\$4.06	\$5.07	150	\$1.96	\$2.33	\$2.87
90	\$3.03	\$3.65	\$4.55	160	\$1.86	\$2.21	\$2.71
100	\$2.76	\$3.32	\$4.13	170	\$1.77	\$2.10	\$2.57
110	\$2.54	\$3.05	\$3.79	180	\$1.69	\$2.00	\$2.45