

University of Missouri Extension Southeast Missouri Crop Budget 2017 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	0.34	30.60	
Phosphate	40	Pounds	0.33	13.20	
Potash	25	Pounds	0.25	6.25	
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	6.00	6.00	
Pre-Emerge	1	Acre	17.00	17.00	
Post-Emerge	1	Acre	7.00	7.00	
Fungicide	0	Acre	0.00	0.00	
Insecticide	1	Acre	35.00	35.00	
Drying Fuel & Electricity*	70	Bushels	0.12	8.40	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	11.00	11.00	
Machinery Repairs	1	Acre	15.00	15.00	
Hauling & Transportation*	70	Bushels	0.16	11.20	
Labor	1	Acre	27.00	27.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.00	0.00	
Irrigation Repairs	0	Acre	10.00	0.00	
Irrigation Labor	0	Acre	4.00	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%	7.32	
Total Variable		Acre		\$ 251.22	
Fixed Machinery Cost	1	Acre	41.00	41.00	
Fixed Buildings & Bins Cost	1	Acre	11.00	11.00	
Fixed Irrigation Cost	0	Acre	77.00	0.00	
Total (Excluding Land)		Acre		\$ 303.22	
Land Real Estate Taxes	1	Acre	0.20%	6.00	
Land Interest	3000	Acre	2.50%	75.00	
Total Cost		Acre		\$ 384.22	

* 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	\$4.91	\$5.95	\$7.57	120	\$2.21	\$2.64	\$3.32
60	\$4.14	\$5.01	\$6.36	130	\$2.06	\$2.46	\$3.08
70	\$3.59	\$4.33	\$5.49	140	\$1.93	\$2.31	\$2.88
80	\$3.18	\$3.83	\$4.84	150	\$1.82	\$2.17	\$2.71
90	\$2.85	\$3.43	\$4.33	160	\$1.73	\$2.05	\$2.56
100	\$2.60	\$3.12	\$3.93	170	\$1.64	\$1.95	\$2.42
110	\$2.39	\$2.86	\$3.59	180	\$1.57	\$1.86	\$2.31