

University of Missouri Extension Southeast Missouri Crop Budget 2017 Center Pivot Irr. Conventional Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1	Bags	35.00	35.00	
Nitrogen	0	Pounds	0.34	0.00	
Phosphate	45	Pounds	0.33	14.85	
Potash	80	Pounds	0.25	20.00	
Limestone	0.5	Tons	29.00	14.50	
Foliar Fertilizer	0	Acres	0.00	0.00	
Burn Down Herbicides	0	Quarts	0.00	0.00	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	1	Acre	18.00	18.00	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	5.00	5.00	
Drying Fuel & Electricity*	0	Bushels	0.08	0.00	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	9.00	9.00	
Machinery Repairs	1	Acre	11.00	11.00	
Hauling & Transportation*	55	Bushels	0.16	8.80	
Labor	1	Acre	20.00	20.00	
Irrigation Fuel (Acre Inches)	8	Acre	2.00	16.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	7.34	
Total Variable		Acre		\$ 251.99	
Fixed Machinery Cost	1	Acre	36.00	36.00	
Fixed Buildings & Bins Cost	1	Acre	8.00	8.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 372.99	
Land Real Estate Taxes	1	Acre	0.20%	12.00	
Land Interest	6000	Acre	2.50%	150.00	
Total Cost		Acre		\$ 534.99	

* 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
20	\$12.32	\$18.37	\$26.47	55	\$4.58	\$6.78	\$9.73
25	\$9.89	\$14.73	\$21.21	60	\$4.21	\$6.23	\$8.93
30	\$8.27	\$12.30	\$17.70	65	\$3.90	\$5.76	\$8.26
35	\$7.11	\$10.57	\$15.19	70	\$3.63	\$5.36	\$7.68
40	\$6.24	\$9.26	\$13.31	75	\$3.40	\$5.02	\$7.18
45	\$5.56	\$8.25	\$11.85	80	\$3.20	\$4.71	\$6.74
50	\$5.02	\$7.44	\$10.68	85	\$3.02	\$4.44	\$6.35