

University of Missouri Extension Southeast Missouri Crop Budget 2017 Ct Pivot Irr. No-Till D. C. RR 2 Xtend Soybean

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	65.00	71.50	
Nitrogen	0	Pounds	0.34	0.00	
Phosphate	40	Pounds	0.33	13.20	
Potash	65	Pounds	0.25	16.25	
Limestone	0.25	Tons	29.00	7.25	
Foliar Fertilizer	0	Acres	0.00	0.00	
Burn Down Herbicides	1	Acre	6.00	6.00	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	2	Acre	15.00	30.00	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	18.00	18.00	
Drying Fuel & Electricity*	0	Bushels	0.08	0.00	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	6.00	6.00	
Machinery Repairs	1	Acre	7.00	7.00	
Hauling & Transportation*	45	Bushels	0.16	7.20	
Labor	1	Acre	15.00	15.00	
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%	8.40	
Total Variable		Acre		\$ 288.30	
Fixed Machinery Cost	1	Acre	26.00	26.00	
Fixed Buildings & Bins Cost	1	Acre	7.00	7.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
Total (Excluding Land)		Acre		\$ 398.30	
Land Real Estate Taxes	1	Acre	0.20%	6.00	
Land Interest	3000	Acre	2.50%	75.00	
Total Cost		Acre		\$ 479.30	

* 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	\$14.21	\$19.71	\$23.76	55	\$5.27	\$7.27	\$8.74
25	\$11.40	\$15.80	\$19.04	60	\$4.84	\$6.68	\$8.03
30	\$9.53	\$13.20	\$15.90	65	\$4.48	\$6.18	\$7.42
35	\$8.19	\$11.33	\$13.65	70	\$4.18	\$5.75	\$6.90
40	\$7.19	\$9.94	\$11.96	75	\$3.91	\$5.37	\$6.45
45	\$6.41	\$8.85	\$10.65	80	\$3.67	\$5.05	\$6.06
50	\$5.78	\$7.98	\$9.60	85	\$3.47	\$4.76	\$5.71