

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1	Bags	58.00	58.00	
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 - Liberty	65	Ounces	0.30	19.50	
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%	8.07	
Total Variable		Acre		\$ 277.22	
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		\$ 398.22	
Land Real Estate Taxes	1	Acre	0.20%	12.00	
Land Interest	6000	Acre	2.50%	150.00	
Total Cost		Acre		\$ 560.22	

* 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
20	\$13.58	\$19.63	\$27.73	55	\$5.04	\$7.24	\$10.19
25	\$10.90	\$15.74	\$22.22	60	\$4.63	\$6.65	\$9.35
30	\$9.11	\$13.14	\$18.54	65	\$4.29	\$6.15	\$8.64
35	\$7.83	\$11.29	\$15.91	70	\$3.99	\$5.72	\$8.04
40	\$6.87	\$9.90	\$13.95	75	\$3.74	\$5.35	\$7.51
45	\$6.12	\$8.81	\$12.41	80	\$3.52	\$5.03	\$7.05
50	\$5.53	\$7.95	\$11.19	85	\$3.32	\$4.74	\$6.65