

University of Missouri Extension Southeast Missouri Crop Budget 2021 Center Pivot Irr. Liberty Link Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1	Bags	55.00	55.00	
Nitrogen	0	Pounds	0.32	0.00	
Phosphate	55	Pounds	0.41	22.55	
Potash	90	Pounds	0.23	20.70	
Limestone	0.5	Tons	30.00	15.00	
Foliar Fertilizer	0	Acres	0.00	0.00	
Burn Down Herbicides	0	Quarts	0.00	0.00	
Pre-Emerge	1	Acre	17.00	17.00	
Post-Emerge - Liberty	58	Ounces	0.30	17.40	
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	13.00	13.00	
Hauling & Transportation*	55	Bushels	0.17	9.35	
Labor	1	Acre	20.00	20.00	
Irrigation Fuel (Acre Inches)	8	Acre	2.10	16.80	
Irrigation Repairs	1	Acre	12.00	12.00	
Irrigation Labor	1	Acre	5.00	5.00	
Custom Application	1	Acre	6.50	6.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	9.85	
Total Variable		Acre		\$ 291.15	
Fixed Machinery Cost	1	Acre	40.00	40.00	
Fixed Buildings & Bins Cost	1	Acre	10.00	10.00	
Fixed Irrigation Cost	1	Acre	82.00	82.00	
Total (Excluding Land)		Acre		\$ 423.15	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 594.25	

* 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	\$14.26	\$20.86	\$29.41	55	\$5.29	\$7.69	\$10.80
25	\$11.44	\$16.72	\$23.57	60	\$4.87	\$7.07	\$9.92
30	\$9.56	\$13.96	\$19.67	65	\$4.51	\$6.54	\$9.17
35	\$8.22	\$11.99	\$16.88	70	\$4.20	\$6.08	\$8.53
40	\$7.21	\$10.51	\$14.79	75	\$3.93	\$5.69	\$7.97
45	\$6.43	\$9.37	\$13.17	80	\$3.69	\$5.34	\$7.48
50	\$5.81	\$8.45	\$11.87	85	\$3.49	\$5.04	\$7.05