

University of Missouri Extension Southeast Missouri Crop Budget 2021 C. P. Irr. No-Till D C Conventional Soybean

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.1	Bags	32.00	35.20	
Nitrogen	0	Pounds	0.32	0.00	
Phosphate	40	Pounds	0.41	16.40	
Potash	65	Pounds	0.23	14.95	
Limestone	0.25	Tons	30.00	7.50	
Foliar Fertilizer	0	Acres	0.00	0.00	
Burn Down Herbicides	1	Acre	7.00	7.00	
Pre-Emerge	1	Acre	17.00	17.00	
Post-Emerge	1	Acre	25.00	25.00	
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	10.00	10.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
Labor	1	Acre	15.00	15.00	
Irrigation Fuel (Acre Inches)	8	Acre	2.65	21.20	
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%	8.94	
Total Variable		Acre		\$ 264.34	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Buildings & Bins Cost	1	Acre	9.00	9.00	
Fixed Irrigation Cost	1	Acre	82.00	82.00	
Total (Excluding Land)		Acre		\$ 385.34	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
Total Cost		Acre		\$ 470.89	

* 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	\$13.00	\$19.05	\$23.33	55	\$4.84	\$7.04	\$8.59
25	\$10.44	\$15.28	\$18.70	60	\$4.45	\$6.46	\$7.89
30	\$8.73	\$12.76	\$15.61	65	\$4.12	\$5.98	\$7.30
35	\$7.50	\$10.96	\$13.41	70	\$3.84	\$5.57	\$6.79
40	\$6.59	\$9.61	\$11.75	75	\$3.59	\$5.21	\$6.35
45	\$5.87	\$8.56	\$10.46	80	\$3.38	\$4.89	\$5.96
50	\$5.30	\$7.72	\$9.43	85	\$3.19	\$4.61	\$5.62