

University of Missouri Extension Southeast Missouri Crop Budget

2021 Conventional Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1	Bags	32.00	32.00	
Nitrogen	0	Pounds	0.32	0.00	
Phosphate	40	Pounds	0.41	16.40	
Potash	70	Pounds	0.23	16.10	
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	1	Acre	27.00	27.00	
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	13.00	13.00	
Hauling & Transportation*	45	Bushels	0.17	7.65	
Labor	1	Acre	20.00	20.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.10	0.00	
Irrigation Repairs	0	Acre	12.00	0.00	
Irrigation Labor	0	Acre	5.00	0.00	
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%	7.76	
Total Variable		Acre		\$ 229.41	
Fixed Machinery Cost	1	Acre	40.00	40.00	
Fixed Buildings & Bins Cost	1	Acre	9.00	9.00	
Fixed Irrigation Cost	0	Acre	82.00	0.00	
Total (Excluding Land)		Acre		\$ 278.41	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 449.51	

* 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	\$11.26	\$13.71	\$22.26	55	\$4.20	\$5.09	\$8.20
25	\$9.04	\$11.00	\$17.84	60	\$3.87	\$4.68	\$7.53
30	\$7.56	\$9.20	\$14.90	65	\$3.58	\$4.34	\$6.97
35	\$6.51	\$7.91	\$12.79	70	\$3.34	\$4.04	\$6.48
40	\$5.71	\$6.94	\$11.22	75	\$3.13	\$3.78	\$6.06
45	\$5.10	\$6.19	\$9.99	80	\$2.94	\$3.55	\$5.69
50	\$4.61	\$5.59	\$9.01	85	\$2.78	\$3.36	\$5.37