

University of Missouri Extension Southeast Missouri Crop Budget 2021 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	62.00	68.20	
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	2	Acre	14.00	28.00	
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	2.10	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%	10.05	
Total Variable		Acre		\$ 297.05	
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		\$ 418.05	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
Total Cost		Acre		\$ 503.60	

* 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	\$14.64	\$20.69	\$24.97	55	\$5.43	\$7.63	\$9.19
25	\$11.75	\$16.59	\$20.01	60	\$4.99	\$7.01	\$8.44
30	\$9.82	\$13.85	\$16.70	65	\$4.62	\$6.48	\$7.80
35	\$8.44	\$11.90	\$14.34	70	\$4.30	\$6.03	\$7.25
40	\$7.40	\$10.43	\$12.57	75	\$4.03	\$5.64	\$6.78
45	\$6.60	\$9.29	\$11.19	80	\$3.79	\$5.30	\$6.37
50	\$5.96	\$8.38	\$10.09	85	\$3.57	\$5.00	\$6.00