

University of Missouri Extension Southeast Missouri Crop Budget

2021 Ct. Pivot Irr. Roundup Ready 2 Xtend Soybeans

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1	Bags	62.00	62.00	
Nitrogen	0	Pounds	0.32	0.00	
Phosphate	55	Pounds	0.41	22.55	
Potash	90	Pounds	0.28	25.20	
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	2	Acre	14.00	28.00	
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*	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%	10.62	
Total Variable		Acre		\$ 314.02	
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		\$ 446.02	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 617.12	

* 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
30	\$10.33	\$14.73	\$20.43	65	\$4.86	\$6.89	\$9.52
35	\$8.87	\$12.65	\$17.53	70	\$4.52	\$6.41	\$8.85
40	\$7.79	\$11.09	\$15.36	75	\$4.23	\$5.99	\$8.27
45	\$6.94	\$9.87	\$13.68	80	\$3.98	\$5.63	\$7.77
50	\$6.26	\$8.90	\$12.33	85	\$3.75	\$5.31	\$7.32
55	\$5.71	\$8.11	\$11.22	90	\$3.56	\$5.02	\$6.92
60	\$5.25	\$7.45	\$10.30	95	\$3.38	\$4.77	\$6.57