

University of Missouri Extension Southeast Missouri Crop Budget

2021 Center Pivot Irr. 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	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	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*	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%	9.38	
Total Variable		Acre		\$ 277.28	
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		\$ 409.28	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 580.38	

* 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	\$13.57	\$20.17	\$28.72	55	\$5.04	\$7.44	\$10.55
25	\$10.89	\$16.17	\$23.01	60	\$4.64	\$6.84	\$9.69
30	\$9.10	\$13.50	\$19.20	65	\$4.29	\$6.32	\$8.96
35	\$7.83	\$11.60	\$16.49	70	\$4.00	\$5.88	\$8.33
40	\$6.87	\$10.17	\$14.45	75	\$3.74	\$5.50	\$7.78
45	\$6.12	\$9.06	\$12.86	80	\$3.52	\$5.17	\$7.31
50	\$5.53	\$8.17	\$11.59	85	\$3.32	\$4.88	\$6.89