

University of Missouri Extension Southeast Missouri Crop Budget

2018 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	0.36	0.00	
Phosphate	45	Pounds	0.34	15.30	
Potash	80	Pounds	0.28	22.40	
Limestone	0.5	Tons	29.00	14.50	
Foliar Fertilizer	0	Acres	0.00	0.00	
Burn Down Herbicides	0	Quarts	0.00	0.00	
Pre-Emerge	1	Acre	16.00	16.00	
Post-Emerge	1	Acre	19.00	19.00	
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	11.00	11.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	55	Bushels	0.17	9.35	
Labor	1	Acre	21.00	21.00	
Irrigation Fuel (Acre Inches)	8	Acre	2.00	16.00	
Irrigation Repairs	1	Acre	10.00	10.00	
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 6.0%)	0.5	Acre	6.00%	7.56	
Total Variable		Acre		\$ 259.61	
Fixed Machinery Cost	1	Acre	40.00	40.00	
Fixed Buildings & Bins Cost	1	Acre	8.00	8.00	
Fixed Irrigation Cost	1	Acre	86.00	86.00	
Total (Excluding Land)		Acre		\$ 393.61	
Land Real Estate Taxes	1	Acre	0.20%	12.00	
Land Interest	6000	Acre	2.50%	150.00	
Total Cost		Acre		\$ 555.61	

* 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	\$12.68	\$19.38	\$27.48	55	\$4.72	\$7.16	\$10.10
25	\$10.18	\$15.54	\$22.02	60	\$4.34	\$6.57	\$9.27
30	\$8.51	\$12.98	\$18.38	65	\$4.02	\$6.08	\$8.57
35	\$7.32	\$11.15	\$15.78	70	\$3.75	\$5.66	\$7.97
40	\$6.43	\$9.78	\$13.83	75	\$3.51	\$5.29	\$7.45
45	\$5.73	\$8.71	\$12.31	80	\$3.30	\$4.97	\$7.00
50	\$5.18	\$7.86	\$11.10	85	\$3.11	\$4.69	\$6.60