

## University of Missouri Extension Southeast Missouri Crop Budget 2018 Center Pivot Irr. Liberty Link Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1	Bags	54.00	54.00	
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 - Liberty	65	Ounces	0.40	26.00	
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%	8.43	
<b>Total Variable</b>		Acre		<b>\$ 289.48</b>	
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	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 423.48</b>	
Land Real Estate Taxes	1	Acre	0.20%	12.00	
Land Interest	6000	Acre	2.50%	150.00	
<b>Total Cost</b>		Acre		<b>\$ 585.48</b>	

\* 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	\$14.18	\$20.88	\$28.98	55	\$5.26	\$7.70	\$10.65
25	\$11.38	\$16.74	\$23.22	60	\$4.84	\$7.07	\$9.77
30	\$9.51	\$13.97	\$19.37	65	\$4.48	\$6.54	\$9.03
35	\$8.17	\$12.00	\$16.63	70	\$4.17	\$6.09	\$8.40
40	\$7.17	\$10.52	\$14.57	75	\$3.91	\$5.69	\$7.85
45	\$6.40	\$9.37	\$12.97	80	\$3.67	\$5.35	\$7.37
50	\$5.77	\$8.45	\$11.69	85	\$3.47	\$5.04	\$6.95