

## University of Missouri Extension Southeast Missouri Crop Budget 2017 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	65.00	65.00	
Nitrogen	0	Pounds	0.34	0.00	
Phosphate	45	Pounds	0.33	14.85	
Potash	80	Pounds	0.25	20.00	
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	15.00	15.00	
Post-Emerge	2	Acre	15.00	30.00	
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	11.00	11.00	
Hauling & Transportation*	55	Bushels	0.16	8.80	
Labor	1	Acre	20.00	20.00	
Irrigation Fuel (Acre Inches)	8	Acre	2.00	16.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Irrigation Labor	1	Acre	4.00	4.00	
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%	8.60	
<b>Total Variable</b>		Acre		<b>\$ 295.25</b>	
Fixed Machinery Cost	1	Acre	36.00	36.00	
Fixed Buildings & Bins Cost	1	Acre	8.00	8.00	
Fixed Irrigation Cost	1	Acre	77.00	77.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 416.25</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>\$ 578.25</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
30	\$9.71	\$13.74	\$19.14	65	\$4.57	\$6.43	\$8.92
35	\$8.34	\$11.80	\$16.43	70	\$4.25	\$5.98	\$8.29
40	\$7.32	\$10.35	\$14.40	75	\$3.98	\$5.59	\$7.75
45	\$6.53	\$9.21	\$12.81	80	\$3.74	\$5.25	\$7.28
50	\$5.89	\$8.31	\$11.55	85	\$3.53	\$4.95	\$6.86
55	\$5.37	\$7.57	\$10.51	90	\$3.34	\$4.69	\$6.49
60	\$4.93	\$6.95	\$9.65	95	\$3.18	\$4.45	\$6.15