

University of Missouri Extension Southeast Missouri Crop Budget

2018 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	0.36	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	2	Acre	16.00	32.00	
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	2.50	20.00	
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%	8.97	
Total Variable		Acre		\$ 308.02	
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		\$ 442.02	
Land Real Estate Taxes	1	Acre	0.20%	12.00	
Land Interest	6000	Acre	2.50%	150.00	
Total Cost		Acre		\$ 604.02	

* 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	\$10.13	\$14.59	\$19.99	65	\$4.76	\$6.83	\$9.32
35	\$8.70	\$12.53	\$17.16	70	\$4.44	\$6.35	\$8.67
40	\$7.64	\$10.99	\$15.04	75	\$4.15	\$5.94	\$8.10
45	\$6.81	\$9.78	\$13.38	80	\$3.90	\$5.58	\$7.60
50	\$6.14	\$8.82	\$12.06	85	\$3.68	\$5.26	\$7.17
55	\$5.60	\$8.04	\$10.98	90	\$3.49	\$4.98	\$6.78
60	\$5.15	\$7.38	\$10.08	95	\$3.31	\$4.72	\$6.43