

University of Missouri Extension Southeast Missouri Crop Budget

2009 Center Pivot Irr. Conventional Soybean Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	1.2	Bags	23.00	27.60	
Nitrogen	0	Pounds	0.44	-	
Phosphate	40	Pounds	0.65	26.00	
Potash	60	Pounds	0.70	42.00	
Limestone	0.5	Tons	25.00	12.50	
Foliar Fertilizer	0	Acres	0.00	-	
Fungicide	1	Acres	15.00	15.00	
Insecticide	1	Acre	6.00	6.00	
Burn Down Herbicides	0	Quarts	0.00	-	
Pre-Emerge	1	Acre	15.00	15.00	
Post-Emerge	1	Acre	30.00	30.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	11.00	11.00	
Machinery Repairs	1	Acre	8.00	8.00	
Hauling & Transportation*	50	Bushels	0.17	8.50	
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	11.00	11.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 265.10	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	10.60	
Total Variable		Acre		\$ 275.70	
Fixed Machinery Cost	1	Acre	30.00	30.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
Total (Excluding Land)		Acre		\$ 375.70	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
Total Cost		Acre		\$ 503.24	

* 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	\$13.53	\$18.53	\$24.91	55	\$5.03	\$6.85	\$9.17
25	\$10.86	\$14.86	\$19.96	60	\$4.62	\$6.29	\$8.42
30	\$9.08	\$12.41	\$16.66	65	\$4.28	\$5.82	\$7.78
35	\$7.80	\$10.66	\$14.31	70	\$3.99	\$5.42	\$7.24
40	\$6.85	\$9.35	\$12.54	75	\$3.73	\$5.07	\$6.77
45	\$6.11	\$8.33	\$11.16	80	\$3.51	\$4.76	\$6.35
50	\$5.51	\$7.51	\$10.06	85	\$3.31	\$4.49	\$5.99