

## University of Missouri Extension Southeast Missouri Crop Budget 2009 Center Pivot Irrigated Popcorn Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	10	Pounds	3.80	38.00	
Nitrogen	185	Pounds	0.44	81.40	
Phosphate	80	Pounds	0.65	52.00	
Potash	60	Pounds	0.70	42.00	
Limestone	0.5	Tons	25.00	12.50	
Starter Fertilizer	0	Acre	0.00	-	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Boron	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	30.00	30.00	
Post-Emerge	1	Acre	4.00	4.00	
Fungicide	1	Acre	0.00	-	
Insecticide	1	Acre	10.00	10.00	
Drying Fuel & Electricity*	0	Bushels	0.14	-	
Miscellaneous Overhead	1	Acre	10.00	10.00	
Machinery Fuel	1	Acre	18.00	18.00	
Machinery Repairs	1	Acre	12.00	12.00	
Hauling & Transportation*	5000	Pounds	0.0020	10.00	
Irrigation Fuel (Acre Inches)	12	Acre	2.50	30.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	18.00	18.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	1	Acre	6.50	6.50	
Subtotal		Acre		\$ 390.40	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	15.62	
<b>Total Variable</b>		Acre		<b>\$ 406.02</b>	
Fixed Machinery Cost	1	Acre	42.00	42.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 518.02</b>	
Land Real Estate Taxes	1	Acre	0.30%	8.90	
Land Interest	2966	Acre	4.00%	118.64	
<b>Total Cost</b>		Acre		<b>\$ 645.55</b>	

\* Drying & Transportation Costs Change With Yields

### Breakeven Price in Cents/Pound

Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Lb/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
3000	\$0.134	\$0.171	\$0.214	4750	\$0.085	\$0.109	\$0.136
3250	\$0.124	\$0.158	\$0.198	5000	\$0.081	\$0.104	\$0.129
3500	\$0.115	\$0.147	\$0.184	5250	\$0.077	\$0.099	\$0.123
3750	\$0.108	\$0.137	\$0.171	5500	\$0.074	\$0.094	\$0.118
4000	\$0.101	\$0.129	\$0.161	5750	\$0.071	\$0.090	\$0.113
4250	\$0.095	\$0.122	\$0.152	6000	\$0.068	\$0.087	\$0.108
4500	\$0.090	\$0.115	\$0.143	6250	\$0.065	\$0.083	\$0.104