

## University of Missouri Extension Southeast Missouri Crop Budget 2009 Center Pivot Irrigated D. C. Southern Pea

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	20	Pounds	0.95	19.00	
Nitrogen	0	Pounds	0.44	-	
Phosphate	40	Pounds	0.65	26.00	
Potash	65	Pounds	0.70	45.50	
Limestone	0.25	Tons	25.00	6.25	
Zinc	0	Pounds	0.00	-	
Sulfur	0	Pounds	0.00	-	
Pre-Emerge	1	Acre	22.00	22.00	
Post-Emerge	0	Acre	0.00	-	
Insecticide	1	Acre	10.00	10.00	
Desiccation	1	Acre	3.00	3.00	
Drying Fuel & Electricity*	0	Bushels	0.08	-	
Hauling & Transportation*	1600	Pounds	0.0020	3.20	
Miscellaneous Overhead	1	Acre	5.00	5.00	
Machinery Fuel	1	Acre	15.00	15.00	
Machinery Repairs	1	Acre	10.00	10.00	
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	
Irrigation Repairs	1	Acre	12.00	12.00	
Labor	1	Acre	15.00	15.00	
Irrigation Labor	1	Acre	3.00	3.00	
Custom Application	0	Acre	6.50	-	
Subtotal		Acre		\$ 214.95	
Interest (1/2 year at 8.0%)	0.5	Acre	8.00%	8.60	
<b>Total Variable</b>		Acre		<b>\$ 223.55</b>	
Fixed Machinery Cost	1	Acre	38.00	38.00	
Fixed Irrigation Cost	1	Acre	70.00	70.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 331.55</b>	
Land Real Estate Taxes	1	Acre	0.30%	4.45	
Land Interest	1483	Acre	4.00%	59.32	
<b>Total Cost</b>		Acre		<b>\$ 395.32</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
1000	\$0.222	\$0.330	\$0.394	1700	\$0.132	\$0.195	\$0.233
1100	\$0.202	\$0.300	\$0.358	1800	\$0.124	\$0.184	\$0.220
1200	\$0.186	\$0.276	\$0.329	1900	\$0.118	\$0.175	\$0.208
1300	\$0.171	\$0.255	\$0.304	2000	\$0.112	\$0.166	\$0.198
1400	\$0.159	\$0.237	\$0.282	2100	\$0.107	\$0.158	\$0.189
1500	\$0.149	\$0.221	\$0.263	2200	\$0.102	\$0.151	\$0.180
1600	\$0.140	\$0.207	\$0.247	2300	\$0.098	\$0.145	\$0.172