

## University of Missouri Extension Southeast Missouri Crop Budget 2018 Center Pivot Irrigated D. C. Southern Pea

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	22	Pounds	1.10	24.20	
Nitrogen	0	Pounds	0.36	0.00	
Phosphate	40	Pounds	0.34	13.60	
Potash	65	Pounds	0.28	18.20	
Limestone	0.25	Tons	29.00	7.25	
Zinc	0	Pounds	0.00	0.00	
Sulfur	0	Pounds	0.00	0.00	
Pre-Emerge	1	Acre	22.00	22.00	
Post-Emerge	0	Acre	0.00	0.00	
Insecticide	1	Acre	8.00	8.00	
Desiccation	1	Acre	7.00	7.00	
Drying Fuel & Electricity*	0	Bushels	0.08	0.00	
Hauling & Transportation*	1600	Pounds	0.004	6.40	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	17.00	17.00	
Machinery Repairs	1	Acre	13.00	13.00	
Labor	1	Acre	31.00	31.00	
Irrigation Fuel (Acre Inches)	8	Acre	2.50	20.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Irrigation Labor	1	Acre	4.00	4.00	
Custom Application	0	Acre	6.50	0.00	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 6.0%)	0.5	Acre	6.00%	6.53	
<b>Total Variable</b>		Acre		<b>\$ 224.18</b>	
Fixed Machinery Cost	1	Acre	50.00	50.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	1	Acre	86.00	86.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 363.18</b>	
Land Real Estate Taxes	1	Acre	0.20%	6.00	
Land Interest	3000	Acre	2.50%	75.00	
<b>Total Cost</b>		Acre		<b>\$ 444.18</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	\$0.361	\$0.442	1700	\$0.132	\$0.214	\$0.262
1100	\$0.202	\$0.328	\$0.402	1800	\$0.125	\$0.202	\$0.247
1200	\$0.185	\$0.301	\$0.369	1900	\$0.119	\$0.192	\$0.234
1300	\$0.172	\$0.278	\$0.341	2000	\$0.113	\$0.182	\$0.223
1400	\$0.160	\$0.259	\$0.317	2100	\$0.108	\$0.174	\$0.212
1500	\$0.149	\$0.242	\$0.296	2200	\$0.103	\$0.166	\$0.203
1600	\$0.140	\$0.227	\$0.278	2300	\$0.099	\$0.159	\$0.194