

## University of Missouri Extension Southeast Missouri Crop Budget 2020 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	0.32	0.00	
Phosphate	40	Pounds	0.41	16.40	
Potash	65	Pounds	0.23	14.95	
Limestone	0.25	Tons	30.00	7.50	
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	12.00	12.00	
Machinery Repairs	1	Acre	14.00	14.00	
Labor	1	Acre	31.00	31.00	
Irrigation Fuel (Acre Inches)	8	Acre	2.10	16.80	
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 7.0%)	0.5	Acre	7.00%	7.36	
<b>Total Variable</b>		Acre		<b>\$ 217.61</b>	
Fixed Machinery Cost	1	Acre	47.00	47.00	
Fixed Buildings & Bins Cost	1	Acre	4.00	4.00	
Fixed Irrigation Cost	1	Acre	82.00	82.00	
<b>Total (Excluding Land)</b>		Acre		<b>\$ 350.61</b>	
Land Real Estate Taxes	1	Acre	0.20%	5.80	
Land Interest	2900	Acre	2.75%	79.75	
<b>Total Cost</b>		Acre		<b>\$ 436.16</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	\$0.215	\$0.348	\$0.434	1700	\$0.128	\$0.206	\$0.257
1100	\$0.196	\$0.317	\$0.395	1800	\$0.121	\$0.195	\$0.243
1200	\$0.180	\$0.291	\$0.362	1900	\$0.115	\$0.185	\$0.230
1300	\$0.166	\$0.269	\$0.335	2000	\$0.110	\$0.176	\$0.219
1400	\$0.155	\$0.250	\$0.311	2100	\$0.105	\$0.168	\$0.209
1500	\$0.145	\$0.233	\$0.291	2200	\$0.100	\$0.160	\$0.199
1600	\$0.136	\$0.219	\$0.273	2300	\$0.096	\$0.154	\$0.191