

University of Missouri Extension Southeast Missouri Crop Budget

2017 Double Crop Southern Pea Budget

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed	20	Pounds	1.10	22.00	
Nitrogen	0	Pounds	0.34	0.00	
Phosphate	30	Pounds	0.33	9.90	
Potash	50	Pounds	0.25	12.50	
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	20.00	20.00	
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*	1200	Pounds	0.004	4.80	
Miscellaneous Overhead	1	Acre	6.00	6.00	
Machinery Fuel	1	Acre	14.00	14.00	
Machinery Repairs	1	Acre	13.00	13.00	
Labor	1	Acre	30.00	30.00	
Irrigation Fuel (Acre Inches)	0	Acre	2.00	0.00	
Irrigation Repairs	0	Acre	10.00	0.00	
Irrigation Labor	0	Acre	4.00	0.00	
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%	4.93	
Total Variable		Acre		\$ 169.38	
Fixed Machinery Cost	1	Acre	45.00	45.00	
Fixed Buildings & Bins Cost	1	Acre	3.00	3.00	
Fixed Irrigation Cost	0	Acre	77.00	0.00	
Total (Excluding Land)		Acre		\$ 217.38	
Land Real Estate Taxes	1	Acre	0.20%	6.00	
Land Interest	3000	Acre	2.50%	75.00	
Total Cost		Acre		\$ 298.38	

* 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
600	\$0.278	\$0.358	\$0.493	1300	\$0.131	\$0.168	\$0.230
700	\$0.239	\$0.308	\$0.423	1400	\$0.122	\$0.156	\$0.214
800	\$0.210	\$0.270	\$0.371	1500	\$0.114	\$0.146	\$0.200
900	\$0.187	\$0.240	\$0.330	1600	\$0.107	\$0.137	\$0.187
1000	\$0.169	\$0.217	\$0.298	1700	\$0.101	\$0.129	\$0.177
1100	\$0.154	\$0.197	\$0.271	1800	\$0.095	\$0.122	\$0.167
1200	\$0.141	\$0.181	\$0.249	1900	\$0.091	\$0.116	\$0.159