

University of Missouri Extension Southeast Missouri Crop Budget 2021 Rice Budget - Hybrid Clearfield

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed (Tech Fee + Seed Treat)	1	Unit	150.00	150.00	
Nitrogen	150	Pounds	0.32	48.00	
Phosphate	55	Pounds	0.41	22.55	
Potash	30	Pounds	0.23	6.90	
Limestone	0	Tons	30.00	0.00	
Zinc	3	Pounds	2.00	6.00	
Sulfur	0	Pounds	0.00	0.00	
Pre/Post-Emerge	1	Acre	31.00	31.00	
Post-Emerge	1	Acre	30.00	30.00	
Fungicide	0	Ounces	18.00	0.00	
Insecticide	0	Acre	0.00	0.00	
Drying (Custom/Bushel)*	180	Bushels	0.30	54.00	
Hauling & Transportation*	180	Bushels	0.17	30.60	
Miscellaneous Overhead	1	Acre	12.00	12.00	
Machinery Fuel	1	Acre	21.00	21.00	
Machinery Repairs	1	Acre	22.00	22.00	
Labor	1	Acre	44.00	44.00	
Irrigation Fuel	1	Acre	40.00	40.00	
Irrigation Repairs	1	Acre	10.00	10.00	
Irrigation Labor	1	Acre	7.00	7.00	
Scout	1	Acre	8.00	8.00	
Custom Application	3	Acre	6.50	19.50	
Crop Insurance	1	Acre	10.00	10.00	
Interest (1/2 year at 7.0%)	0.5	Acre	7.00%	20.04	
Total Variable		Acre		\$ 592.59	
Fixed Machinery Cost	1	Acre	73.00	73.00	
Fixed Buildings & Bins Cost	1	Acre	18.00	18.00	
Fixed Irrigation Cost	1	Acre	82.00	82.00	
Total (Excluding Land)		Acre		\$ 765.59	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 936.69	

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost	Yield Bu/Acre	Variable Cost	Total Cost Excluding Land	Total Cost
120	\$4.70	\$6.14	\$7.57	190	\$3.14	\$4.05	\$4.95
130	\$4.38	\$5.71	\$7.02	200	\$3.01	\$3.87	\$4.73
140	\$4.10	\$5.33	\$6.56	210	\$2.89	\$3.71	\$4.53
150	\$3.86	\$5.01	\$6.15	220	\$2.78	\$3.57	\$4.34
160	\$3.64	\$4.73	\$5.80	230	\$2.68	\$3.43	\$4.17
170	\$3.46	\$4.48	\$5.48	240	\$2.59	\$3.31	\$4.02
180	\$3.29	\$4.25	\$5.20	250	\$2.50	\$3.19	\$3.88