

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

Variable Cost	Number of Units	Units	Cost \$/Unit	Total Cost/Acre	Your Cost \$/Acre
Seed (Tech Fee & Seed Treat)	1	Unit	170.00	170.00	
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-Emerge	1	Acre	18.00	18.00	
Post-Emerge	1	Acre	65.00	65.00	
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%	21.51	
Total Variable		Acre		\$ 636.06	
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		\$ 809.06	
Land Real Estate Taxes	1	Acre	0.20%	11.60	
Land Interest	5800	Acre	2.75%	159.50	
Total Cost		Acre		\$ 980.16	

* 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	\$5.07	\$6.51	\$7.93	190	\$3.37	\$4.28	\$5.18
130	\$4.71	\$6.04	\$7.36	200	\$3.23	\$4.09	\$4.95
140	\$4.41	\$5.64	\$6.87	210	\$3.10	\$3.92	\$4.73
150	\$4.15	\$5.30	\$6.44	220	\$2.98	\$3.76	\$4.54
160	\$3.92	\$5.00	\$6.07	230	\$2.87	\$3.62	\$4.36
170	\$3.71	\$4.73	\$5.74	240	\$2.77	\$3.49	\$4.20
180	\$3.53	\$4.49	\$5.45	250	\$2.68	\$3.37	\$4.05