

2020 Rice System Comparison by Yield & Price based on UofA Division of Agriculture Enterprise Budgets

Rice Returns based on Yield and Price						
Conventional Variety Rice, Operating Cost: \$						594.59
Producer Share:						80%
	4.80	5.00	5.20	5.30	5.40	5.60
140	(\$57)	(\$35)	(\$12)	(\$1)	\$10	\$33
150	(\$19)	\$5	\$29	\$41	\$53	\$77
166	\$43	\$69	\$96	\$109	\$123	\$149
180	\$97	\$125	\$154	\$169	\$183	\$212
190	\$135	\$165	\$196	\$211	\$226	\$257
200	\$173	\$205	\$237	\$253	\$269	\$301

Rice Returns based on Yield and Price						
Clearfield Variety Rice, Operating Cost: \$						648.79
Producer Share:						80%
	4.80	5.00	5.20	5.30	5.40	5.60
140	(\$111)	(\$89)	(\$66)	(\$55)	(\$44)	(\$22)
150	(\$73)	(\$49)	(\$25)	(\$13)	(\$1)	\$23
166	(\$11)	\$15	\$42	\$55	\$68	\$95
180	\$42	\$71	\$100	\$114	\$129	\$158
190	\$81	\$111	\$142	\$157	\$172	\$202
200	\$119	\$151	\$183	\$199	\$215	\$247

Rice Returns based on Yield and Price						
Conventional Hybrid Rice, Operating Cost: \$						673.88
Producer Share:						80%
	4.80	5.00	5.20	5.30	5.40	5.60
140	(\$136)	(\$114)	(\$91)	(\$80)	(\$69)	(\$47)
150	(\$98)	(\$74)	(\$50)	(\$38)	(\$26)	(\$2)
166	(\$36)	(\$10)	\$17	\$30	\$43	\$70
180	\$17	\$46	\$75	\$89	\$104	\$133
190	\$56	\$86	\$117	\$132	\$147	\$177
200	\$94	\$126	\$158	\$174	\$190	\$222

Rice Returns based on Yield and Price						
Clearfield/FullPage Hybrid Rice, Operating Cost: \$						696.09
Producer Share:						80%
	4.80	5.00	5.20	5.30	5.40	5.60
140	(\$158)	(\$136)	(\$114)	(\$102)	(\$91)	(\$69)
150	(\$120)	(\$96)	(\$72)	(\$60)	(\$48)	(\$24)
166	(\$59)	(\$32)	(\$6)	\$8	\$21	\$48
180	(\$5)	\$24	\$53	\$67	\$82	\$110
190	\$34	\$64	\$94	\$110	\$125	\$155
200	\$72	\$104	\$136	\$152	\$168	\$200

Highlighted Cells can be modified by user to reflect different operating costs, producer share, price, and yield.



Notes:

Yield and Price values can be modified to reflect specific situations - values within table will be automatically calculated.

Yellow highlighted cells include 2019 State Average Yields and Fall 2020 Cash Bid Prices (as of 3/6/20).

Operating Costs - 2020 projected variable expenses from UofA Division of Agriculture Enterprise Budgets.

Producer Share - producer share (%) of gross revenue.

Disclaimer: Tables are designed to be used as an aid in decision making are not a predictor of expected yield, price, or operating expense. Cost and producer share values should be modified to better reflect individual operations and land agreements.

Prepared by: Jarrod Hardke, Rice Extension Agronomist; Scott Stiles, Instructor - Economics; and Breana Watkins, Instructor - Ag & Nat. Resources