

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

Rice Returns based on Yield and Price						
Conventional 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

Soybean Returns based on Yield and Price						
Xtend or Enlist, Furrow Irrigated, Operating Cost \$						393.42
Producer Share:						80%
	8.85	9.00	9.15	9.30	9.45	9.60
30	(\$181)	(\$177)	(\$174)	(\$170)	(\$167)	(\$163)
40	(\$110)	(\$105)	(\$101)	(\$96)	(\$91)	(\$86)
49	(\$47)	(\$41)	(\$35)	(\$29)	(\$23)	(\$17)
55	(\$4)	\$3	\$9	\$16	\$22	\$29
60	\$31	\$39	\$46	\$53	\$60	\$67
70	\$102	\$111	\$119	\$127	\$136	\$144

Corn Returns based on Yield and Price						
Stacked Gene, Furrow Irrigated, Operating Cost \$						570.07
Producer Share:						80%
	3.65	3.75	3.85	3.95	4.05	4.15
150	(\$132)	(\$120)	(\$108)	(\$96)	(\$84)	(\$72)
160	(\$103)	(\$90)	(\$77)	(\$64)	(\$52)	(\$39)
175	(\$59)	(\$45)	(\$31)	(\$17)	(\$3)	\$11
180	(\$44)	(\$30)	(\$16)	(\$1)	\$13	\$28
190	(\$15)	(\$0)	\$15	\$30	\$46	\$61
200	\$14	\$30	\$46	\$62	\$78	\$94

Cotton Returns based on Yield and Price						
BG3, Furrow Irrigated, Operating Cost \$						567.05
Producer Share:						80%
	0.60	0.62	0.64	0.66	0.68	0.70
800	(\$183)	(\$170)	(\$157)	(\$145)	(\$132)	(\$119)
900	(\$135)	(\$121)	(\$106)	(\$92)	(\$77)	(\$63)
1000	(\$87)	(\$71)	(\$55)	(\$39)	(\$23)	(\$7)
1102	(\$38)	(\$20)	(\$3)	\$15	\$32	\$50
1200	\$9	\$28	\$47	\$67	\$86	\$105
1300	\$57	\$78	\$99	\$119	\$140	\$161

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