

University of Missouri Extension
Southeast Missouri Non-Irrigation Crop Budgets 2018

	Corn Non-GMO	Corn GMO	Soybean Roundup Ready 2 Xtend	Soybean Liberty Link	Soybean Convnt.	Grain Sorghum	Cotton	Wheat	D. C. Soybean R.R. 2 Xtend	D. C. Soybean L.L.	D. C. Soybean Convnt.	D. C. Grain Sorghum	D. C. Southern Peas
Revenue													
Estimated Yield (Bu/Acre) ^A	160	160	47	47	47	110	850	70	40	40	40	90	1200
Estimated Price (\$/Bushel) ^B	\$3.55	\$3.55	\$9.56	\$9.56	\$9.56	\$3.20	\$0.710	\$4.87	\$9.56	\$9.56	\$9.56	\$3.20	\$0.20
Estimated Gross Revenue (\$/Acre)	\$568.00	\$568.00	\$449.32	\$449.32	\$449.32	\$352.00	\$603.50	\$340.90	\$382.40	\$382.40	\$382.40	\$288.00	\$240.00
Variable Cost^C													
	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre
Seed	61.25	92.75	62.00	54.00	32.00	20.00	120.00	36.00	68.20	59.40	35.20	20.00	24.20
Nitrogen	59.40	59.40	0.00	0.00	0.00	45.00	28.80	36.00	0.00	0.00	0.00	32.40	0.00
Phosphate	23.80	23.80	13.60	13.60	13.60	20.40	13.60	13.60	10.20	10.20	10.20	13.60	10.20
Potash	12.60	12.60	18.20	18.20	18.20	11.20	9.80	5.60	14.00	14.00	14.00	7.00	14.00
Limestone	14.50	14.50	14.50	14.50	14.50	14.50	14.50	7.25	7.25	7.25	7.25	7.25	7.25
Starter & Foliar Fertilizer	0.00	0.00	0.00	0.00	0.00	0.00	6.00	5.25	0.00	0.00	0.00	0.00	0.00
Pre-Emerge	13.00	13.00	16.00	16.00	16.00	18.00	16.00	0.00	16.00	16.00	16.00	18.00	22.00
Post-Emerge	19.00	21.00	32.00	26.00	19.00	8.00	32.00	22.00	39.00	33.00	26.00	15.00	0.00
Fungicide	15.00	15.00	15.00	15.00	15.00	0.00	0.00	15.00	15.00	15.00	15.00	0.00	0.00
Insecticide	18.00	0.00	5.00	5.00	5.00	15.00	33.00	10.00	18.00	18.00	18.00	36.00	8.00
Drying Fuel & Electricity	27.00	27.00	0.00	0.00	0.00	19.80	0.00	0.00	0.00	0.00	0.00	12.60	0.00
Miscellaneous Overhead	12.00	12.00	12.00	12.00	12.00	12.00	12.00	6.00	6.00	6.00	6.00	6.00	4.80
Machinery Fuel	21.00	21.00	11.00	11.00	11.00	20.00	28.00	12.00	8.00	8.00	8.00	13.00	6.00
Machinery Repairs	19.00	19.00	12.00	12.00	12.00	17.00	33.00	11.00	8.00	8.00	8.00	15.00	17.00
Hauling & Transportation	25.50	25.50	7.65	7.65	7.65	18.70	0.00	11.90	5.95	5.95	5.95	11.90	13.00
Growth Regulator (Cotton)	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00
Defoliation & Desiccation	0.00	0.00	0.00	0.00	0.00	0.00	18.00	0.00	0.00	0.00	0.00	0.00	7.00
Labor	38.00	38.00	21.00	21.00	21.00	36.00	46.00	21.00	15.00	15.00	15.00	27.00	31.00
Scouting	0.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00
Custom Application	6.50	6.50	6.50	6.50	6.50	13.00	13.00	6.50	6.50	6.50	6.50	13.00	0.00
Crop Insurance	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Interest (1/2 year at 6.0%)	11.87	12.33	7.69	7.27	6.40	8.96	13.40	6.87	7.41	6.97	6.03	7.73	5.23
Total Variable Cost	\$ 407.42	\$ 423.38	\$ 264.14	\$ 249.72	\$ 219.85	\$ 307.56	\$ 460.10	\$ 235.97	\$ 254.51	\$ 239.27	\$ 207.13	\$ 265.48	\$ 179.68
Fixed Costs													
Fixed Machinery Cost	60.00	60.00	40.00	40.00	40.00	55.00	127.00	38.00	28.00	28.00	28.00	44.00	50.00
Fixed Buildings & Bins Cost	19.00	19.00	7.00	7.00	7.00	18.00	3.00	5.00	7.00	7.00	7.00	12.00	3.00
Fixed Irrigation Cost	#VALUE!	#VALUE!	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
Total Costs (Excluding Land)	\$ 486.42	\$ 502.38	\$ 311.14	\$ 296.72	\$ 266.85	\$ 380.56	\$ 590.10	\$ 278.97	\$ 289.51	\$ 274.27	\$ 242.13	\$ 321.48	\$ 232.68
Land Real Estate Taxes	12.00	12.00	12.00	12.00	12.00	12.00	12.00	6.00	6.00	6.00	6.00	6.00	6.00
Land Interest	150.00	150.00	150.00	150.00	150.00	150.00	150.00	75.00	75.00	75.00	75.00	75.00	75.00
Total Cost (Including Land or Rent)	\$ 648.42	\$ 664.38	\$ 473.14	\$ 458.72	\$ 428.85	\$ 542.56	\$ 752.10	\$ 359.97	\$ 370.51	\$ 355.27	\$ 323.13	\$ 402.48	\$ 313.68
Estimated Returns													
Returns Above Variable Costs	\$160.58	\$144.62	\$185.18	\$199.60	\$229.47	\$44.44	\$143.40	\$104.93	\$127.89	\$143.13	\$175.27	\$22.52	\$60.32
Returns Above Mach & Buildings	\$81.58	\$65.62	\$138.18	\$152.60	\$182.47	(\$28.56)	\$13.40	\$61.93	\$92.89	\$108.13	\$140.27	(\$33.48)	\$7.32
Returns Above Total Costs	(\$80.42)	(\$96.38)	(\$23.82)	(\$9.40)	\$20.47	(\$190.56)	(\$148.60)	(\$19.07)	\$11.89	\$27.13	\$59.27	(\$114.48)	(\$73.68)
Breakeven Price	\$4.05	\$4.15	\$10.07	\$9.76	\$9.12	\$4.93	\$0.88	\$5.14	\$9.26	\$8.88	\$8.08	\$4.47	\$0.26
Breakeven Yield	183	187	49	48	45	170	1,059	74	39	37	34	126	1,568

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B - Estimated Price is from the November 2017 FAPRI

C - Costs are from the Southeast Missouri Crop Budgets for 2018