

University of Missouri Extension
Southeast Missouri Non-Irrigation Crop Budgets 2017

	Corn Non-GMO	Corn GMO	Soybean Roundup Ready 2 Xtend	Soybean Liberty Link	Soybean Conv.	Grain Sorghum	Cotton	Wheat	D. C. Soybean R.R. 2 Xtend	D. C. Soybean L.L.	D. C. Soybean Conv.	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	\$3.75	\$3.75	\$10.30	\$10.30	\$10.30	\$3.50	\$0.710	\$4.30	\$10.30	\$10.30	\$10.30	\$3.50	\$0.20
Estimated Gross Revenue (\$/Acre)	\$600.00	\$600.00	\$484.10	\$484.10	\$484.10	\$385.00	\$603.50	\$301.00	\$412.00	\$412.00	\$412.00	\$315.00	\$240.00
Variable Cost^C													
	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre
Seed	61.25	96.25	65.00	58.00	35.00	20.00	120.00	38.25	71.50	63.80	38.50	20.00	22.00
Nitrogen	56.10	56.10	0.00	0.00	0.00	42.50	27.20	34.00	0.00	0.00	0.00	30.60	0.00
Phosphate	23.10	23.10	13.20	13.20	13.20	19.80	13.20	13.20	9.90	9.90	9.90	13.20	9.90
Potash	11.25	11.25	16.25	16.25	16.25	10.00	8.75	5.00	12.50	12.50	12.50	6.25	12.50
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	12.00	12.00	15.00	15.00	15.00	17.00	15.00	0.00	15.00	15.00	15.00	17.00	20.00
Post-Emerge	18.00	20.00	30.00	19.50	18.00	7.00	30.00	20.00	36.00	25.50	24.00	13.00	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	32.00	10.00	18.00	18.00	18.00	35.00	8.00
Drying Fuel & Electricity	18.00	18.00	0.00	0.00	0.00	13.20	0.00	0.00	0.00	0.00	0.00	8.40	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	17.00	17.00	9.00	9.00	9.00	16.00	22.00	9.00	6.00	6.00	6.00	11.00	6.00
Machinery Repairs	18.00	18.00	11.00	11.00	11.00	16.00	32.00	10.00	7.00	7.00	7.00	15.00	14.00
Hauling & Transportation	24.00	24.00	7.20	7.20	7.20	17.60	0.00	11.20	5.60	5.60	5.60	11.20	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	37.00	37.00	20.00	20.00	20.00	35.00	46.00	20.00	15.00	15.00	15.00	27.00	30.00
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%)	11.15	11.72	7.49	6.96	6.23	8.36	12.98	6.62	7.24	6.69	5.89	7.32	4.93
Total Variable Cost	\$ 382.85	\$ 402.42	\$ 257.14	\$ 239.11	\$ 213.88	\$ 286.96	\$ 445.63	\$ 227.27	\$ 248.49	\$ 229.74	\$ 202.14	\$ 251.22	\$ 169.38
Fixed Costs													
Fixed Machinery Cost	56.00	56.00	36.00	36.00	36.00	50.00	117.00	35.00	26.00	26.00	26.00	41.00	45.00
Fixed Buildings & Bins Cost	18.00	18.00	7.00	7.00	7.00	17.00	3.00	4.00	7.00	7.00	7.00	11.00	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)	\$ 456.85	\$ 476.42	\$ 300.14	\$ 282.11	\$ 256.88	\$ 353.96	\$ 565.63	\$ 266.27	\$ 281.49	\$ 262.74	\$ 235.14	\$ 303.22	\$ 217.38
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)	\$ 618.85	\$ 638.42	\$ 462.14	\$ 444.11	\$ 418.88	\$ 515.96	\$ 727.63	\$ 347.27	\$ 362.49	\$ 343.74	\$ 316.14	\$ 384.22	\$ 298.38
Estimated Returns													
Returns Above Variable Costs	\$217.15	\$197.58	\$226.96	\$244.99	\$270.22	\$98.04	\$157.87	\$73.73	\$163.51	\$182.26	\$209.86	\$63.78	\$70.62
Returns Above Mach & Buildings	\$143.15	\$123.58	\$183.96	\$201.99	\$227.22	\$31.04	\$37.87	\$34.73	\$130.51	\$149.26	\$176.86	\$11.78	\$22.62
Returns Above Total Costs	(\$18.85)	(\$38.42)	\$21.96	\$39.99	\$65.22	(\$130.96)	(\$124.13)	(\$46.27)	\$49.51	\$68.26	\$95.86	(\$69.22)	(\$58.38)
Breakeven Price	\$3.87	\$3.99	\$9.83	\$9.45	\$8.91	\$4.69	\$0.86	\$4.96	\$9.06	\$8.59	\$7.90	\$4.27	\$0.25

A - Estimated Yield is based on the 5 year Southeast Missouri Average (2010-2014)

B - Estimated Price is from the December 2015 FAPRI Baseline Report

C - Costs are from the Southeast Missouri Crop Budgets for 2016