



Lincoln Trail Farm Analysis Group

2018 Grain Farm Analysis Quick Facts

Specialist: Tarrah Hardin

Corn Yields	
Yield (bu/ac)	% of Farms
Above 210	25.0%
190-210	32.1%
170-190	21.4%
150-170	14.3%
Below 150	7.1%
2018 Average	196 bu/ac
2017 Average	171 bu/ac
2016 Average	169 bu/ac
5 Yr. Olympic Avg.	161 bu/ac

Full Season Soybean Yields	
Yield (bu/ac)	% of Farms
Above 60	23.5%
50-60	29.4%
40-50	29.4%
30-40	11.8%
Below 30	5.9%
2018 Average	54 bu/ac
2017 Average	49 bu/ac
2016 Average	57 bu/ac
5 Yr. Olympic Avg.	56 bu/ac

Double Crop Soybean Yields	
Yield (bu/ac)	% of Farms
Above 60	22.2%
55-60	0.0%
50-55	11.1%
45-50	22.2%
Below 45	44.4%
2018 Average	53 bu/ac
2017 Average	50 bu/ac
2016 Average	53 bu/ac
5 Yr. Olympic Avg.	44 bu/ac

Wheat Yields	
Yield (bu/ac)	% of Farms
Above 60	40.0%
45-60	50.0%
30-45	0.0%
15-30	10.0%
Below 15	0.0%
2018 Average	58 bu/ac
2017 Average	64 bu/ac
2016 Average	86 bu/ac
5 Yr. Olympic Avg.	70 bu/ac

Net Farm Income	
Thousands of Dollars	% of Farms
Above \$200	33%
200-100	5%
100-0	24%
0--100	33%
Below \$-100	5%
2018 Average	\$123,706
2017 Average	\$125,478
2016 Average	\$97,544
5 Yr. Olympic Avg.	\$94,429

Crop Return per Acre	
Return	% of Farms
Above \$730	24%
730-630	10%
630-530	43%
530-430	10%
Below \$430	14%
2018 Average	\$615
2017 Average	\$647
2016 Average	\$653
5 Yr. Olympic Avg.	\$614

Financial Ratios	
Operating Expense Ratio	78%
Net Farm Income Ratio	7%
Debt/Asset Ratio	42%
Debt/Equity Ratio	72%
Return on Farm Assets	2.6%

Price Received		
Commodity	Old	New
Corn	\$3.95	\$3.94
Soybeans	\$9.84	\$8.67
Wheat	\$4.56	\$4.32

*The data above are averages of 21 farms for 2018. Historic averages for each year may vary in sample size and do not include the same farms overtime.





Lincoln Trail Farm Analysis Group

2018 Grain Farm Analysis Quick Facts

Specialist: Tarrah Hardin

	2018	2017	2016	2015	2014	5 Year Average
Number of Farms	21	30	29	27	24	
Income Before Depreciation	\$247,890	\$236,107	\$209,904	\$138,033	\$146,528	\$195,692
Price Received for Old Crop Corn	\$3.95	\$3.86	\$3.79	\$3.86	\$4.46	\$3.98
Price Received for Old Crop Beans	\$9.84	\$10.02	\$9.39	\$10.19	\$13.38	\$10.56
Price Received for New Crop Corn	\$3.94	\$3.80	\$3.69	\$3.78	\$3.88	\$3.82
Price Received for New Crop Beans	\$8.67	\$9.51	\$9.78	\$8.92	\$10.83	\$9.54
Price Received for Wheat	\$4.56	\$4.22	\$4.63	\$5.37	\$5.83	\$4.92
Averages per acre:						
Seed, Chemical, and Fertilizer Total	\$198.94	\$211.86	\$233.45	\$223.64	\$242.36	\$222.05
Machinery and Equipment Total	\$154.24	\$159.64	\$169.15	\$174.02	\$187.08	\$168.82
Drying & Storage Total	\$4.69	\$6.26	\$2.96	\$4.86	\$7.56	\$5.27
Insurance Total	\$35.17	\$36.95	\$33.79	\$34.11	\$33.97	\$34.80
Crop Insurance (included above)	\$18.60	\$24.98	\$23.77	\$23.57	\$23.11	\$22.81
Cash rent per cash rent acre	\$172.38	\$145.08	\$143.50	\$151.32	\$160.63	\$154.58
Percent of cash rent acres per farm	82.7%	84.4%	80.7%	76.6%	77.4%	80.4%
Percent of owned acres per farm	10.6%	11.9%	11.4%	14.6%	15.5%	12.8%
Percent of crop share acres per farm	6.7%	3.8%	7.8%	8.8%	7.1%	6.8%

Family Living Expenditures

(Kentucky averages for 2018)

	Average	High 1/3	Low 1/3		Average	High 1/3	Low 1/3
Net Farm Income	77,980	90,378	40,238	Life Insurance	4,057	7,526	1,643
Net Non-Farm Income	26,941	39,426	9,176	Expendables	52,307	92,214	17,338
Income & SS Taxes	13,028	27,688	6,270	Living-Capital Expenses	4,756	10,148	1,505
Contributions	4,581	7,205	1,694	Total Family Living	73,039	129,564	24,125
Medical Expenses	7,338	12,471	1,945				