

2019 Grain Farm Analysis Quick Facts

Lincoln Trail Farm Analysis Group

Tarrahardin, Area Extension Specialist



University of Kentucky
College of Agriculture,
Food and Environment
Cooperative Extension Service

Kentucky Farm Business Management (KFBM)

Corn Yields	
Yield (bu/ac)	% of Farms
Above 200	12.5%
180-200	18.8%
160-180	25.0%
140-160	18.8%
Below 140	25.0%
2019 Average	170 bu/ac
2018 Average	171 bu/ac
2017 Average	169 bu/ac
5 Yr. Olympic Avg.	161 bu/ac

Full Season Soybean Yields	
Yield (bu/ac)	% of Farms
Above 50	12.5%
45-50	43.8%
40-45	18.8%
30-40	25.0%
Below 30	0.0%
2019 Average	45 bu/ac
2018 Average	49 bu/ac
2017 Average	57 bu/ac
5 Yr. Olympic Avg.	55 bu/ac

Price Received		
Commodity	Old	New
Corn	\$3.98	\$3.77
Soybeans	\$8.71	\$9.19

Tillable Acres per Farm	
# of Acres	% of Farms
Above 2500	18%
2000-2500	18%
1000-2000	18%
750-1000	12%
Under 750	35%
2019 Average	1396.9 acres
2018 Average	1518.7 acres
2017 Average	1573.1 acres
5 Yr. Olympic Avg.	1631.2 acres

Net Farm Income	
Thousands of Dollars	% of Farms
Above \$100	24%
100-0	18%
0--40	24%
-40--80	18%
Below \$-80	18%
2019 Average	\$1,472
2018 Average	\$125,478
2017 Average	\$97,544
5 Yr. Olympic Avg.	\$56,706

Crop Return per Acre	
Return	% of Farms
Above \$600	18%
600-550	29%
550-500	18%
500-0	35%
Below \$0	0%
2019 Average	\$569
2018 Average	\$647
2017 Average	\$653
5 Yr. Olympic Avg.	\$625

Financial Ratios	
Operating Expense Ratio	82%
Net Farm Income Ratio	-2%
Debt/Asset Ratio	44%
Debt/Equity Ratio	79%
Return on Farm Assets	0.4%

Capital Purchases	
Thousands of Dollars	% of Farms
Above \$80000	24%
40000-80000	12%
20000-40000	18%
10000-20000	18%
Under \$10000	29%
2019 Average	\$86,335
2018 Average	\$173,000
2017 Average	\$97,624
5 Yr. Olympic Avg.	\$90,750

*The data above are averages of 17 farms for 2019. Historic averages for each year may vary in sample size and do not include the same farms overtime.

Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability. Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.

2019 Grain Farm Analysis Quick Facts

Lincoln Trail Farm

Tarrahardin, Area Extension Specialist



University of Kentucky
College of Agriculture,
Food and Environment
Cooperative Extension Service

Kentucky Farm Business Management (KFBM)

	2019	2018	2017	2016	2015	5 Year Average
Number of Farms	17	21	30	29	27	
Income Before Depreciation	\$94,070	\$247,890	\$236,107	\$209,904	\$138,033	\$185,201
Price Received for Old Crop Corn	\$3.98	\$3.95	\$3.86	\$3.79	\$3.86	\$3.89
Price Received for Old Crop Beans	\$8.71	\$9.84	\$10.02	\$9.39	\$10.19	\$9.63
Price Received for New Crop Corn	\$3.77	\$3.94	\$3.80	\$3.69	\$3.78	\$3.80
Price Received for New Crop Beans	\$9.19	\$8.67	\$9.51	\$9.78	\$8.92	\$9.21
Price Received for Wheat	*	\$4.56	\$4.22	\$4.63	5.37	*
Averages per acre:						
Seed, Chemical, and Fertilizer Total	\$229.71	\$198.94	\$211.86	\$233.45	\$223.64	\$219.52
Machinery and Equipment Total	\$176.14	\$154.24	\$159.64	\$169.15	\$174.02	\$166.64
Drying & Storage Total	\$2.48	\$4.69	\$6.26	\$2.96	\$4.86	\$4.25
Insurance Total	\$29.27	\$35.17	\$36.95	\$33.79	\$34.11	\$33.86
Crop Insurance (included above)	\$17.10	\$18.60	\$24.98	\$23.77	\$23.57	\$21.61
Cash rent per cash rent acre	\$123.19	\$172.38	\$145.08	\$143.50	\$151.32	\$147.09
Percent of cash rent acres per farm	78.3%	82.7%	84.4%	80.7%	76.6%	80.5%
Percent of owned acres per farm	17.2%	10.6%	11.9%	11.4%	14.6%	13.1%
Percent of crop share acres per farm	4.5%	6.7%	3.8%	7.8%	8.8%	6.3%

*Insufficient Data

Family Living Expenditures

Kentucky state averages for 2019

	Average	High 1/3	Low 1/3		Average	High 1/3	Low 1/3
Net Farm Income	82,461	124,825	34,821	Life Insurance	3,760	7,868	920
Net Non-Farm Income	31,020	39,402	20,025	Expendables	56,656	94,575	23,265
Income & SS Taxes	13,645	19,498	6,597	Living-Capital Expenses	5,013	4,659	5,707
Contributions	5,059	7,651	2,951	Total Family Living	78,570	126,330	36,521
Medical Expenses	8,081	11,577	3,678				