



Purchase Farm Analysis Group

2019 Grain Farm Analysis Quick Facts

Specialist: Jennifer Rogers



Corn Yields	
Yield (bu/ac)	% of Farms
Above 205	17.6%
205 - 190	17.6%
190 - 175	23.5%
175 - 170	29.4%
Below 170	11.8%
2019 Average	192 bu/ac
2018 Average	168 bu/ac
2017 Average	189 bu/ac
5 Year Average	182 bu/ac

Full Season Soybean Yields	
Yield (bu/ac)	% of Farms
Above 56	12.5%
56 - 52	25.0%
52 - 48	37.5%
48 - 40	18.8%
Below 40	6.3%
2019 Average	50 bu/ac
2018 Average	49 bu/ac
2017 Average	54 bu/ac
5 Year Average	48 bu/ac

Double Crop Soybean Yields	
Yield (bu/ac)	% of Farms
Above 53	23.1%
53 - 48	23.1%
48 - 43	30.8%
43 - 35	7.7%
Below 35	15.4%
2019 Average	47 bu/ac
2018 Average	50 bu/ac
2017 Average	54 bu/ac
5 Year Average	51 bu/ac

Wheat Yields	
Yield (bu/ac)	% of Farms
Above 85	15.4%
85 - 80	23.1%
80 - 70	38.5%
70 - 60	15.4%
Below 60	7.7%
2019 Average	77 bu/ac
2018 Average	64 bu/ac
2017 Average	72 bu/ac
5 Year Average	74 bu/ac

Net Farm Income	
Thousands of Dollars	% of Farms
Above 1000	11%
1000 - 500	17%
500 - 100	39%
100 - 0	22%
Below 0	11%
2019 Average	\$347,503
2018 Average	\$149,869
2017 Average	\$118,719
5 Year Average	\$131,852

Crop Return per Acre	
Return	% of Farms
Above 1000	11%
1000 - 800	22%
800 - 700	17%
700 - 600	17%
Below 600	33%
2019 Average	\$742.76
2018 Average	\$645.77
2017 Average	\$634.14
5 Year Average	\$652.46

Tillable Acres per Farm	
Number of Acres	% of Farms
Above 5000	22%
5000 - 1500	17%
1500 - 1000	22%
1000 - 800	22%
Below 800	17%
2019 Average	2507 Acres
2018 Average	2540 Acres
2017 Average	2150 Acres
5 Year Average	2278 Acres



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	2019	2018	2017	2016	2015	5 Year Average
Number of Farms	18	17	16	20	20	
Income Before Depreciation	\$474,942	\$274,264	\$250,598	\$199,108	\$189,496	\$277,682
Price Received for Old Crop Corn	\$3.89	\$3.73	\$3.70	\$4.02	\$4.08	\$3.88
Price Received for Old Crop Beans	\$9.17	\$9.99	\$10.02	\$9.31	\$10.93	\$9.88
Price Received for New Crop Corn	\$3.83	\$3.71	\$3.48	\$3.45	\$3.85	\$3.66
Price Received for New Crop Beans	\$8.84	\$9.36	\$9.67	\$9.75	\$9.54	\$9.43
Price Received for Wheat	\$5.34	\$5.26	\$4.69	\$4.66	\$5.45	\$5.08
Averages per acre:						
Seed, Chemical, and Fertilizer Total	\$223.95	\$219.77	\$248.96	\$221.57	\$256.03	\$234.05
Machinery and Equipment Total	\$166.45	\$176.08	\$165.10	\$179.60	\$193.21	\$176.09
Drying & Storage Total	\$3.05	\$5.27	\$5.52	\$3.23	\$7.52	\$4.92
Insurance Total	\$30.53	\$29.75	\$39.30	\$32.53	\$35.28	\$33.48
Crop Insurance (included above)	\$14.25	\$12.93	\$19.42	\$14.70		\$12.26
Cash rent per cash rent acre	\$144.85	\$141.43	\$124.92	\$149.86		\$140.26
Percent of cash rent acres per farm	45.1%	39.9%	41.6%	36.6%	40.8%	40.8%
Percent of owned acres per farm	23.4%	23.6%	27.7%	29.5%	31.2%	27.1%
Percent of crop share acres per farm	31.5%	36.4%	30.7%	33.8%	28.0%	32.1%

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	94,574	23,265
Income & SS Taxes	13,645	20,498	6,597	Living-Capital Expenses	5,013	4,659	5,707
Contributions	5,059	7,651	2,951	Total Family Living	78,569	126,329	36,522
Medical Expenses	8,081	11,577	3,678				