



Purchase Farm Analysis Group

2017 Grain Farm Analysis Quick Facts

Specialist: Jennifer Rogers



Corn Yields	
Yield (bu/ac)	% of Farms
Above 195	16.7%
195 - 190	16.7%
190 - 185	16.7%
185 - 165	27.8%
Below 165	22.2%
2017 Average	189.0 bu/ac
2016 Average	190.1 bu/ac
2015 Average	71.1 bu/ac
5 Year Average	147.6 bu/ac

Full Season Soybean Yields	
Yield (bu/ac)	% of Farms
Above 58	16.7%
58 - 55	27.8%
55 - 50	33.3%
50 - 45	11.1%
Below 45	11.1%
2017 Average	53.7 bu/ac
2016 Average	47.8 bu/ac
2015 Average	32.8 bu/ac
5 Year Average	42.0 bu/ac

Double Crop Soybean Yields	
Yield (bu/ac)	% of Farms
Above 58	20.0%
58 - 55	30.0%
55 - 50	30.0%
50 - 45	20.0%
Below 45	0.0%
2017 Average	54.4 bu/ac
2016 Average	48.8 bu/ac
2015 Average	19.8 bu/ac
5 Year Average	39.6 bu/ac

Wheat Yields	
Yield (bu/ac)	% of Farms
Above 80	20.0%
80 - 75	30.0%
75 - 65	20.0%
65 - 60	20.0%
Below 60	10.0%
2017 Average	72.5 bu/ac
2016 Average	82.7 bu/ac
2015 Average	68.3 bu/ac
5 Year Average	72.7 bu/ac

Net Farm Income	
Thousands of Dollars	% of Farms
Above 170	16%
170 - 135	16%
135 - 85	21%
85 - 35	21%
Below 35000	26%
2017 Average	\$118,719
2016 Average	\$337,550
2015 Average	\$259,122
5 Year Average	\$328,359

Crop Return per Acre	
Return	% of Farms
Above 740	16%
740 - 690	21%
690 - 640	11%
640 - 590	21%
Below 590	32%
2017 Average	\$634.14
2016 Average	\$860.74
2015 Average	\$709.13
5 Year Average	\$706.10

Tillable Acres per Farm	
Number of Acres	% of Farms
Above 3000	21%
3000 - 1500	16%
1500 - 1000	16%
1000 - 800	26%
Below 800	21%
2017 Average	2150 Acres
2016 Average	2582 Acres
2015 Average	2275 Acres
5 Year Average	2376 Acres



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	2017	2016	2015	2014	2013	5 Year Average
Number of Farms	16	20	16	18	15	
Income Before Depreciation	\$250,598	\$199,108	\$273,736	\$503,063	\$423,381	\$329,977
Price Received for Old Crop Corn	\$3.70	\$4.02	\$4.50	\$6.98	\$6.16	\$5.07
Price Received for Old Crop Beans	\$10.02	\$9.31	\$13.40	\$13.72	\$12.19	\$11.73
Price Received for New Crop Corn	\$3.48	\$3.45	\$3.79	\$4.91	\$6.14	\$4.35
Price Received for New Crop Beans	\$9.67	\$9.75	\$10.75	\$12.74	\$13.82	\$11.35
Price Received for Wheat	\$4.69	\$4.66	\$5.12	\$6.87	\$7.40	\$5.75
Averages per acre:						
Seed, Chemical, and Fertilizer Total	\$248.96	\$221.57	\$276.03	\$270.18	\$260.03	\$255.35
Machinery and Equipment Total	\$165.10	\$179.60	\$199.22	\$183.92	\$160.46	\$177.66
Drying & Storage Total	\$5.51	\$3.22	\$5.77	\$11.39	\$1.87	\$5.55
Insurance Total	\$39.30	\$32.53	\$31.72	\$36.39	\$25.10	\$33.01
Crop Insurance (included above)	\$19.42	\$14.70	\$17.79	\$24.30	\$13.13	\$17.87
Cash rent per cash rent acre	\$124.92	\$149.86	\$113.93	\$131.97	\$123.00	\$128.73
Percent of cash rent acres per farm	41.6%	36.6%	38.4%	40.0%	44.3%	40.2%
Percent of owned acres per farm	27.7%	29.5%	32.0%	35.5%	35.0%	32.0%
Percent of crop share acres per farm	30.7%	33.8%	29.6%	24.4%	20.7%	27.9%

Family Living Expenditures

(Kentucky averages for 2017)

	Average	High 1/3	Low 1/3		Average	High 1/3	Low 1/3
Net Farm Income	101,313	200,707	129,203	Life Insurance	3,883	7,297	1,702
Net Non-Farm Income	42,987	48,169	102,265	Expendables	58,939	99,001	31,562
Income & SS Taxes	14,641	36,996	2,779	Living-Capital Expenses	3,051	6,287	695
Contributions	5,129	11,940	2,388	Total Family Living	77,889	138,083	39,402
Medical Expenses	6,887	13,558	3,056				