

Distribution of Fertilizer Sales
In
Kentucky
Fertilizer Year: 2019
July through September 2019

<u>Bagged</u>	<u>7%</u>
<u>Bulk</u>	<u>69%</u>
<u>Liquid</u>	<u>24%</u>



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This tonnage report and others can be found on our web-site: www.rs.uky.edu/

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DISTRIBUTION OF FERTILIZER SALES IN KENTUCKY

July through September 2019

INTRODUCTION

This report provides data on fertilizer movement in Kentucky for the period of July through September 2019. The report shows total distribution for the current period and the previous comparable period; top grades and materials for the state; and, the distribution of total fertilizer and the top 10 grades by county.

All tonnage data in this publication are compiled from quarterly fertilizer reports submitted by companies registered or licensed to sell fertilizers in Kentucky.

We are now using the UFRS Version 4 to publish our data. Our tonnage reports are also available on our internet site. Go to: <http://www.rs.uky.edu/>, click on "Fertilizer". Your suggestions to improve the reports are welcome. Please tell us what you want in a tonnage report and we will try to furnish it. Special requests are welcome. Please call Stephen McMurtry, 859-257-2668.

DATA DESCRIPTION

Some of the quarterly reports received from the companies show only the county to which the fertilizer was shipped. Since fertilizer shipped to one county may have been used in another the information shown may not exactly represent fertilizers used in a given county. Some of the reports reflect receipts of fertilizer materials by the blender and not actual sales to farmers; therefore, what appears to be sales of materials may only be a consequence of the way the materials are reported. Some of the materials may subsequently be sold as part of a blend.



Distribution of Fertilizer Sales in Kentucky July through September 2019

Total Fertilizer Summary

Division of Regulatory Services University of Kentucky

July 2019 through September 2019

	Container				Use	
	Total	Bag	Bulk	Liquid	Farm	Nonfarm
Multi-Nutrient	37,379.87	5,140.59	31,378.31	860.98	33,607.89	3,771.98
Nitrogen	38,551.23	1,945.45	12,619.50	23,986.28	38,345.72	205.52
Phosphate	154.99	4.41	149.98	0.61	154.28	0.72
Potash	42,055.68	1,605.58	40,328.88	121.21	41,936.86	118.82
Organics	157.67	3.05	152.98	1.64	154.62	3.05
Sec/Micro	1,020.33	390.65	115.01	514.68	960.01	60.33
Miscellaneous	8,044.58	392.06	2,974.56	4,677.96	7,789.37	255.21
Total	127,364.36	9,481.79	87,719.22	30,163.35	122,948.74	4,415.62

Percentage by container:

Bagged	7.44%
Bulk	68.87%
Liquid	23.68%

Percentage by use:

Farm	96.53%
Non-Farm	3.47%

Distribution of Fertilizer Sales in Kentucky July through September 2019

Historical Total Fertilizer
 Division of Regulatory Services University of Kentucky
Current- July 2019 through September 2019
 Historical - July 2018 through September 2018

	Total		Bag		Container Bulk		Liquid		Farm		Use Non-Farm	
	Historical	Current	Historical	Current	Historical	Current	Historical	Current	Historical	Current	Historical	Current
Multi-Nutrient	31,044.82	37,379.87	5,156.04	5,140.59	24,635.98	31,378.31	1,252.80	860.98	27,288.83	33,607.89	3,755.99	3,771.98
Nitrogen	23,431.71	38,551.23	1,156.93	1,945.45	6,677.09	12,619.50	15,597.68	23,986.28	22,867.41	38,345.72	564.30	205.52
Phosphate	320.07	154.99	0.00	4.41	319.28	149.98	0.80	0.61	319.34	154.28	0.74	0.72
Potash	22,760.55	42,055.68	1,123.67	1,605.58	21,552.77	40,328.88	84.12	121.21	22,585.56	41,936.86	174.99	118.82
Organics	6.88	157.67	3.40	3.05	0.00	152.98	3.48	1.64	5.83	154.62	1.04	3.05
Sec/Micro	707.61	1,020.33	319.52	390.65	325.90	115.01	62.19	514.68	574.67	960.01	132.94	60.33
Miscellaneous	1,547.14	8,044.58	227.49	392.06	1,179.80	2,974.56	139.85	4,677.96	1,455.01	7,789.37	92.13	255.21
Total	79,818.78	127,364.36	7,987.05	9,481.79	54,690.81	87,719.22	17,140.92	30,163.35	75,096.64	122,948.74	4,722.14	4,415.62

Percentage changed:

Total	59.57%
Bagged	18.71%
Bulk	60.39%
Liquid	75.97%
Farm	63.72%
Non-Farm	6.49%

Distribution of Fertilizer Sales in Kentucky July through September 2019

Detail Fertilizer Summary

Division of Regulatory Services University of Kentucky

July 2019 through September 2019

Grades with 100 tons or more and reported by 3 or more shippers.

Code	Grade	Total	Bag	Bulk	Liquid	Farm	Non-Farm
0	.05-.05-.05	106.19	106.19	0.00	0.00	0.00	106.19
0	9-23-30	1,184.81	1.65	1,183.16	0.00	1,184.81	0.00
0	9-24-3	163.82	0.00	0.00	163.82	163.82	0.00
0	10-10-10	262.24	248.81	12.44	1.00	261.12	1.13
0	12-12-12	106.93	106.93	0.00	0.00	94.93	12.00
0	16-0-4	542.24	542.24	0.00	0.00	0.00	542.24
0	19-19-19	726.94	606.86	120.08	0.00	726.86	0.08
0	20-20-20	210.92	43.92	167.00	0.00	200.87	10.05
0	22-0-4	177.12	173.12	0.00	4.00	0.50	176.62
0	24-0-6	194.05	194.05	0.00	0.00	0.00	194.05
0	25-0-5	360.41	360.41	0.00	0.00	0.00	360.41
2	82-0-0	2,304.10	0.00	0.00	2,304.10	2,304.10	0.00
10	33.5-0-0	297.41	0.00	297.41	0.00	297.41	0.00
10	34-0-0	648.47	255.59	392.88	0.00	585.92	62.55
24	21-0-0	2,014.71	165.98	1,848.74	0.00	2,008.74	5.98
29	33.5-0-0	3.08	3.08	0.00	0.00	3.08	0.00
31	12-0-0	227.14	0.00	0.00	227.14	227.09	0.04
56	0-0-0	0.07	0.00	0.00	0.07	0.07	0.00
56	12-0-0	0.11	0.00	0.00	0.11	0.00	0.11
58	28-0-0	4,186.30	0.00	0.00	4,186.30	4,184.96	1.34
59	30-0-0	654.37	0.00	0.00	654.37	646.01	8.36
60	32-0-0	16,441.58	0.00	0.65	16,440.93	16,416.58	25.00
66	46-0-0	11,003.00	1,413.19	9,589.82	0.00	10,971.30	31.70
97	12-0-0	2.55	0.00	0.00	2.55	0.00	2.55
97	28-0-0	42.00	0.00	42.00	0.00	42.00	0.00
203	18-46-0	18,731.57	77.01	18,654.56	0.00	18,681.57	50.00
209	11-52-0	3,669.67	0.00	3,669.47	0.20	3,669.67	0.00
267	0-46-0	154.28	4.30	149.98	0.00	154.28	0.00
428	0-0-60	39,723.78	1,569.32	38,154.46	0.00	39,649.62	74.16
443	0-0-22	885.04	0.00	834.28	50.76	885.04	0.00
463	0-0-50	581.02	14.41	566.61	0.00	578.07	2.95
601	12-0-0	152.98	0.00	152.98	0.00	152.98	0.00
702	0-0-0	1.86	0.00	1.86	0.00	1.86	0.00
706	0-0-0	109.45	84.17	2.76	22.52	109.45	0.00
720	0-0-0	1.41	1.41	0.00	0.00	1.41	0.00
722	0-0-0	0.12	0.00	0.00	0.12	0.12	0.00
723	0-0-0	0.05	0.00	0.00	0.05	0.05	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2019

Detail Fertilizer Summary

Division of Regulatory Services University of Kentucky

July 2019 through September 2019

Grades with 100 tons or more and reported by 3 or more shippers.

Code	Grade	Total	Bag	Bulk	Liquid	Farm	Non-Farm
724	0-0-0	3.75	3.75	0.00	0.00	3.75	0.00
728	0-0-0	85.02	85.02	0.00	0.00	43.00	42.02
730	0-0-0	0.09	0.00	0.00	0.09	0.09	0.00
731	0-0-0	0.70	0.00	0.00	0.70	0.70	0.00
732	0-0-0	44.05	1.20	42.00	0.85	42.00	2.05
733	0-0-0	0.42	0.00	0.00	0.42	0.37	0.06
734	0-0-0	0.39	0.00	0.00	0.39	0.05	0.34
742	0-0-0	8.25	0.30	7.95	0.00	8.25	0.00
744	0-0-0	10.48	2.83	0.70	6.95	10.48	0.00
745	0-0-0	10.87	0.00	0.00	10.87	10.87	0.00
749	0-0-0	0.94	0.00	0.00	0.94	0.94	0.00
754	0-0-0	2.08	1.55	0.02	0.51	2.08	0.00
764	0-0-0	0.42	0.00	0.00	0.42	0.14	0.28
765	0-0-0	7.58	5.78	0.00	1.80	0.00	7.58
766	0-0-0	1.62	0.00	0.00	1.62	1.62	0.00
770	0-0-0	177.10	174.03	2.46	0.61	175.08	2.02
773	0-0-0	6.81	0.88	0.00	5.93	4.81	2.00
778	0-0-0	1.64	1.64	0.00	0.00	1.64	0.00
780	0-0-0	47.47	0.68	46.79	0.00	47.47	0.00
782	0-0-0	26.04	23.59	2.41	0.04	26.04	0.00
784	0-0-0	32.05	0.00	0.00	32.05	32.05	0.00
797	0-0-0	425.05	1.04	5.59	418.42	423.87	1.19
798	0-0-0	1.01	0.00	0.00	1.01	1.01	0.00
978	0-0-0	8,044.58	392.06	2,974.56	4,677.96	7,789.37	255.21

Grades with 100 tons or more, reported by 3 or more shippers:

Total	114,810.15
Bagged	6,666.95
Bulk	78,923.59
Liquid	29,219.61
Farm	112,829.91
Non-Farm	1,980.24

Distribution of Fertilizer Sales in Kentucky July through September 2019

Detail Fertilizer Summary
Division of Regulatory Services University of Kentucky
July 2019 through September 2019

Grades that meet the specified tonnage limit of 100 tons, but have less than 3 shippers:

Total	5,390.30
Bagged	585.76
Bulk	4,664.84
Liquid	139.71
Farm	4,804.56
Non-Farm	585.76

Totals for grades with less than 100 tons:

Total	7,163.91
Bagged	2,229.09
Bulk	4,130.79
Liquid	804.04
Farm	5,314.28
Non-Farm	1,849.63

Grand totals for all:

Total	127,364.36
Bagged	9,481.79
Bulk	87,719.22
Liquid	30,163.35
Farm	122,948.74
Non-Farm	4,415.62

Distribution of Fertilizer Sales in Kentucky July through September 2019

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

July 2019 through September 2019

County Name	0-0-60	18-46-0	32-0-0	46-0-0	28-0-0
Adair	477.20	236.06	61.52	207.29	0.00
Allen	101.39	101.46	0.00	68.69	0.00
Anderson	17.50	22.47	0.00	4.00	0.00
Ballard	512.43	399.26	191.98	162.50	0.00
Barren	1,360.96	1,249.44	0.00	359.80	99.87
Bath	15.00	24.58	0.00	97.28	223.49
Bell	0.00	0.00	0.00	0.00	0.00
Boone	0.00	0.00	0.00	18.83	1.34
Bourbon	44.00	72.00	0.00	10.00	75.55
Boyd	122.82	0.00	0.00	26.00	0.00
Boyle	49.77	12.11	0.00	255.30	0.00
Bracken	0.00	0.00	0.00	0.00	0.00
Breathitt	0.00	0.00	0.00	0.00	0.00
Breckinridge	741.62	427.26	49.80	1,031.19	278.36
Bullitt	0.00	0.00	0.00	6.70	0.00
Butler	194.60	173.55	44.88	135.79	0.00
Caldwell	327.28	296.57	45.01	1.01	0.00
Calloway	283.96	297.92	387.76	150.80	6.74
Campbell	15.38	6.99	0.00	12.74	0.00
Carlisle	57.56	19.14	116.61	94.44	0.00
Carroll	0.00	0.00	0.00	0.00	0.00
Carter	28.32	0.00	0.00	50.10	0.00
Casey	79.60	32.34	0.40	248.47	0.00
Christian	5,665.35	1,685.53	2,766.59	609.97	367.42
Clark	500.90	13.98	0.00	92.83	0.00
Clay	1.83	2.76	0.00	4.10	0.00
Clinton	112.74	4.44	0.00	56.85	0.00
Crittenden	1.48	1.48	133.02	0.00	0.00
Cumberland	0.65	0.65	0.00	8.75	0.00
Daviess	637.98	384.61	1,815.13	214.87	435.07
Edmonson	0.00	0.00	0.00	0.00	0.00
Elliott	0.00	0.00	0.00	0.00	0.00
Estill	8.55	4.05	0.00	5.05	0.00
Fayette	8.25	12.63	5.18	28.38	0.00
Fleming	496.07	492.33	20.15	52.09	0.00
Floyd	2.00	5.00	0.00	5.00	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2019

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

July 2019 through September 2019

County Name	0-0-60	18-46-0	32-0-0	46-0-0	28-0-0
Franklin	0.00	0.00	0.00	0.05	0.00
Fulton	1,354.03	1,107.88	934.12	267.46	283.06
Gallatin	197.97	145.02	0.00	74.14	102.04
Garrard	30.11	5.65	0.00	12.84	0.00
Grant	0.00	0.00	0.00	2.00	0.00
Graves	226.20	159.74	366.53	363.83	64.57
Grayson	90.20	45.94	69.35	313.03	100.01
Green	120.72	142.67	54.11	47.48	0.00
Greenup	0.00	0.00	0.00	0.00	0.00
Hancock	79.29	55.38	38.84	133.97	52.86
Hardin	257.60	309.14	468.71	267.46	375.10
Harlan	0.00	0.00	0.00	0.00	0.00
Harrison	259.48	123.00	0.00	580.69	26.43
Hart	323.37	36.23	16.78	80.35	0.00
Henderson	12,063.93	1,809.31	374.56	172.06	17.45
Henry	134.08	79.88	0.00	128.83	0.00
Hickman	47.23	167.95	228.86	77.27	1.12
Hopkins	65.22	6.63	362.39	0.00	0.00
Jackson	0.00	0.00	0.00	0.00	0.00
Jefferson	0.16	0.00	0.00	71.10	0.00
Jessamine	0.00	0.00	0.00	0.00	0.00
Johnson	0.00	0.00	0.00	0.00	0.00
Kenton	0.00	0.00	0.00	22.25	0.00
Knott	0.00	0.00	0.00	0.00	0.00
Knox	0.00	0.00	0.00	12.32	0.00
Larue	821.98	614.95	358.37	76.36	71.70
Laurel	107.43	0.00	0.00	120.75	0.00
Lawrence	0.00	0.00	0.00	0.00	0.00
Lee	0.00	0.00	0.00	0.00	0.00
Leslie	0.00	0.00	0.00	0.00	0.00
Letcher	0.00	0.00	0.00	0.00	0.00
Lewis	193.07	98.64	0.00	145.16	0.00
Lincoln	824.26	248.99	35.62	620.40	25.02
Livingston	22.11	0.00	511.82	2.00	0.00
Logan	995.21	1,030.40	130.02	30.22	73.91
Lyon	1,468.53	1,260.73	21.78	0.00	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2019

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky
July 2019 through September 2019

County Name	0-0-60	18-46-0	32-0-0	46-0-0	28-0-0
McCracken	177.45	140.15	288.46	69.75	0.00
McCreary	0.00	0.00	0.00	0.00	0.00
McLean	12.70	125.81	281.11	37.05	686.83
Madison	60.20	20.93	0.00	31.54	0.00
Magoffin	0.00	0.00	0.00	0.00	0.00
Marion	112.42	61.05	352.65	149.18	87.04
Marshall	38.61	41.46	49.22	80.45	0.00
Martin	0.00	0.00	0.00	0.00	0.00
Mason	0.00	20.00	0.00	68.57	25.00
Meade	3.36	0.00	13.77	15.85	0.00
Menifee	0.00	0.00	0.00	0.00	0.00
Mercer	71.08	25.33	100.00	96.84	29.41
Metcalfe	54.71	33.22	0.00	156.52	0.00
Monroe	18.01	13.84	0.00	55.55	0.00
Montgomery	2.00	0.00	0.00	2.00	0.00
Morgan	82.79	28.18	0.00	121.94	0.00
Muhlenberg	0.00	0.00	448.02	13.63	0.00
Nelson	61.03	83.50	54.47	386.70	0.00
Nicholas	0.00	0.00	0.00	0.00	0.00
Ohio	267.74	57.72	670.75	137.05	49.85
Oldham	0.00	0.00	0.00	22.47	0.00
Owen	269.19	122.10	0.00	245.42	0.00
Owsley	0.00	0.00	0.00	0.00	0.00
Pendleton	0.00	0.00	36.10	24.34	5.31
Perry	0.00	0.00	0.00	0.00	0.00
Pike	0.00	0.00	0.00	0.00	0.00
Powell	0.00	0.00	0.00	0.00	0.00
Pulaski	1,772.00	49.29	125.64	113.99	51.44
Robertson	0.00	0.00	13.54	0.00	0.00
Rockcastle	7.00	0.75	0.00	0.00	0.00
Rowan	2.00	66.00	0.00	10.00	0.00
Russell	10.93	4.80	0.00	4.86	0.00
Scott	228.76	30.16	0.00	239.24	77.27
Shelby	218.39	102.39	254.69	298.26	102.56
Simpson	615.85	1,054.79	950.25	11.21	0.00
Spencer	0.00	0.00	0.00	0.50	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2019

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

July 2019 through September 2019

County Name	0-0-60	18-46-0	32-0-0	46-0-0	28-0-0
Taylor	64.17	11.33	0.00	96.24	0.00
Todd	652.99	589.16	448.14	102.38	24.98
Trigg	942.86	1,055.35	15.90	0.00	0.00
Trimble	0.00	0.00	75.14	0.00	0.00
Union	7.61	0.11	1,168.79	3.75	49.93
Warren	1,062.37	941.12	111.97	72.22	206.62
Washington	553.91	323.37	843.00	187.42	126.04
Wayne	120.44	79.63	25.00	31.69	24.90
Webster	250.75	194.19	455.09	12.32	0.00
Whitley	7.50	1.10	0.00	0.38	0.00
Wolfe	0.00	0.00	0.00	0.00	0.00
Woodford	426.14	28.01	50.00	452.05	0.00
Unknown	1.50	0.00	0.00	10.87	0.00
Totals	39,723.78	18,731.57	16,441.58	11,003.00	4,228.30

Distribution of Fertilizer Sales in Kentucky July through September 2019

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

July 2019 through September 2019

County Name	11-52-0	82-0-0	21-0-0	9-23-30	0-0-22
Adair	0.00	0.00	75.55	0.00	0.00
Allen	0.00	0.00	28.44	0.00	0.00
Anderson	0.00	0.00	0.00	0.00	0.00
Ballard	0.00	404.57	0.00	21.70	0.00
Barren	0.00	0.00	221.07	32.70	156.02
Bath	0.00	0.00	0.00	0.00	0.00
Bell	0.00	0.00	0.00	0.00	0.00
Boone	0.00	0.00	0.00	0.00	0.00
Bourbon	0.00	0.00	1.02	0.00	0.00
Boyd	0.00	0.00	0.00	0.00	0.00
Boyle	0.00	0.00	3.34	0.00	0.00
Bracken	0.00	0.00	0.00	0.00	0.00
Breathitt	0.00	0.00	0.00	0.00	0.00
Breckinridge	0.00	0.00	16.75	8.20	18.00
Bullitt	0.00	0.00	0.40	0.00	0.00
Butler	0.00	0.00	11.00	0.00	0.00
Caldwell	19.06	0.00	0.00	0.00	0.00
Calloway	0.00	0.00	13.18	0.00	0.00
Campbell	0.00	0.00	0.00	0.00	0.00
Carlisle	0.00	20.05	7.16	29.25	0.00
Carroll	0.00	0.00	0.00	0.00	0.00
Carter	0.00	0.00	0.26	0.00	0.00
Casey	0.00	0.00	20.99	0.00	0.00
Christian	3,530.62	19.00	51.65	60.18	102.83
Clark	0.00	0.00	131.65	0.00	0.38
Clay	0.00	0.00	0.00	0.00	0.00
Clinton	0.00	0.00	0.80	0.00	0.00
Crittenden	0.00	0.00	0.00	0.00	0.00
Cumberland	0.00	0.00	0.50	0.00	0.00
Daviess	0.00	132.92	257.82	67.35	30.14
Edmonson	0.00	0.00	0.00	0.00	0.00
Elliott	0.00	0.00	0.00	0.00	0.00
Estill	0.00	0.00	0.00	0.00	0.00
Fayette	0.00	0.00	7.76	0.00	0.00
Fleming	21.11	0.00	9.28	20.00	0.00
Floyd	0.00	18.86	0.00	0.00	0.00
Franklin	0.00	0.00	0.00	0.00	0.00
Fulton	0.04	1,130.27	517.90	0.00	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2019

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

July 2019 through September 2019

County Name	11-52-0	82-0-0	21-0-0	9-23-30	0-0-22
Gallatin	0.00	0.00	1.02	0.00	0.00
Garrard	0.00	0.00	1.73	0.00	0.00
Grant	0.00	0.00	0.00	0.00	0.00
Graves	0.00	67.43	21.91	145.07	0.00
Grayson	0.15	0.00	4.41	70.70	0.00
Green	0.00	0.00	0.00	0.00	0.00
Greenup	0.00	0.00	0.00	0.00	0.00
Hancock	0.00	0.00	0.00	0.00	0.00
Hardin	0.00	0.00	1.02	0.00	18.08
Harlan	0.00	0.00	0.00	0.00	0.00
Harrison	0.00	0.00	19.68	0.00	0.00
Hart	0.00	0.00	3.31	13.50	99.15
Henderson	0.00	4.75	21.52	0.75	0.00
Henry	0.00	0.00	26.68	0.00	0.00
Hickman	0.00	0.00	12.54	0.00	0.00
Hopkins	0.00	0.00	0.00	10.00	0.00
Jackson	0.00	0.00	0.00	0.00	0.00
Jefferson	0.00	0.00	5.20	0.00	0.00
Jessamine	0.00	0.00	0.00	0.00	0.00
Johnson	0.00	0.00	0.00	0.00	0.00
Kenton	0.00	0.00	0.00	0.00	0.00
Knott	0.00	0.00	0.00	0.00	0.00
Knox	73.35	0.00	0.00	0.00	0.00
Larue	0.00	0.00	47.42	0.00	75.79
Laurel	0.00	0.00	0.00	0.00	0.00
Lawrence	0.00	0.00	0.00	0.00	0.00
Lee	0.00	0.00	0.00	0.00	0.00
Leslie	0.00	0.00	0.00	0.00	0.00
Letcher	0.00	0.00	0.00	0.00	0.00
Lewis	0.00	0.00	0.00	0.00	0.00
Lincoln	0.00	0.00	72.73	0.00	0.00
Livingston	0.00	0.00	0.00	0.00	0.00
Logan	1.18	0.00	38.43	351.64	5.31
Lyon	0.00	0.00	0.00	0.00	0.00
McCracken	0.00	33.00	12.80	0.00	0.00
McCreary	0.00	0.00	0.00	0.00	0.00
McLean	0.00	17.84	21.99	124.01	0.00
Madison	0.00	0.00	9.25	0.00	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2019

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

July 2019 through September 2019

County Name	11-52-0	82-0-0	21-0-0	9-23-30	0-0-22
Magoffin	0.00	0.00	0.00	0.00	0.00
Marion	0.00	0.00	0.00	3.60	0.00
Marshall	0.00	79.34	23.77	7.00	0.00
Martin	0.00	0.00	0.00	0.00	0.00
Mason	0.00	0.00	3.87	0.00	0.00
Meade	0.00	0.00	0.00	0.00	0.00
Menifee	0.00	0.00	0.00	0.00	0.00
Mercer	0.00	0.00	0.70	0.00	0.00
Metcalfe	0.00	0.00	58.75	0.00	0.00
Monroe	0.00	0.00	23.85	0.00	0.00
Montgomery	0.00	0.00	0.00	0.00	0.00
Morgan	0.00	0.00	0.00	0.00	0.00
Muhlenberg	0.00	0.00	0.00	17.48	0.00
Nelson	0.00	0.00	3.25	0.00	0.00
Nicholas	0.00	0.00	0.00	0.00	0.00
Ohio	0.00	40.27	1.55	22.20	0.00
Oldham	0.00	0.00	4.03	0.00	0.00
Owen	0.00	0.00	0.00	0.00	0.00
Owsley	0.00	0.00	0.00	0.00	0.00
Pendleton	0.00	0.00	0.00	0.00	0.00
Perry	0.00	0.00	0.00	0.00	0.00
Pike	0.00	0.00	0.00	0.00	0.00
Powell	0.00	0.00	0.00	0.00	0.00
Pulaski	0.00	0.00	10.20	0.00	0.00
Robertson	0.00	0.00	0.00	0.00	0.00
Rockcastle	0.00	0.00	0.00	1.65	0.00
Rowan	0.00	0.00	0.00	0.00	0.00
Russell	0.00	0.00	17.50	0.00	0.00
Scott	0.00	0.00	0.00	0.00	0.00
Shelby	0.00	0.00	0.00	0.50	0.00
Simpson	0.00	0.00	0.50	37.57	80.68
Spencer	0.00	0.00	0.00	0.00	0.00
Taylor	0.00	0.00	0.00	0.00	0.00
Todd	0.00	0.00	15.39	1.51	101.74
Trigg	0.00	0.00	0.00	0.00	0.00
Trimble	24.15	0.00	0.00	0.00	0.00
Union	0.00	3.57	0.10	2.95	0.00
Warren	0.00	151.71	50.66	36.90	67.38

Distribution of Fertilizer Sales in Kentucky July through September 2019

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky
July 2019 through September 2019

County Name	11-52-0	82-0-0	21-0-0	9-23-30	0-0-22
Washington	0.00	0.00	102.12	0.00	129.55
Wayne	0.00	0.00	0.35	0.00	0.00
Webster	0.01	4.77	0.00	98.40	0.00
Whitley	0.00	0.00	0.00	0.00	0.00
Wolfe	0.00	0.00	0.00	0.00	0.00
Woodford	0.00	175.75	0.00	0.00	0.00
Unknown	0.00	0.00	0.00	0.00	0.00
Totals:	3,669.67	2,304.10	2,014.71	1,184.81	885.04

Distribution of Fertilizer Sales in Kentucky July through September 2019

Total Fertilizer and Nutrients By County
 Division of Regulatory Services University of Kentucky
 July 2019 through September 2019

County Name	Total Fertilizer	Total Single	Total Multi	All Other	Multiple Nutrient			All Fertilizer		
					Total N	Total P ₂ O ₅	Total K ₂ O	Total N	Total P ₂ O ₅	Total K ₂ O
Adair	1,114.13	833.25	240.60	40.28	43.19	109.31	0.79	176.84	109.31	288.89
Allen	628.80	489.98	132.12	6.70	19.85	48.35	2.32	57.44	48.35	92.31
Anderson	57.56	21.50	27.02	9.03	4.91	10.67	0.63	6.75	10.67	11.13
Ballard	2,174.52	1,494.69	662.18	17.65	102.60	260.10	25.70	643.97	260.10	335.15
Barren	3,796.57	2,208.34	1,493.61	94.62	261.33	611.85	48.33	504.02	611.85	900.29
Bath	369.84	339.42	30.12	0.30	5.49	12.30	0.98	113.54	12.30	10.41
Bell	34.47	0.11	34.28	0.08	0.30	0.03	0.05	0.32	0.03	0.05
Boone	482.40	21.59	460.15	0.66	80.81	16.18	22.92	89.84	16.37	23.23
Bourbon	298.23	164.79	90.00	43.44	15.66	34.94	2.29	49.97	36.78	32.23
Boyd	318.20	148.92	135.30	33.99	17.45	4.78	5.33	29.42	4.78	79.03
Boyle	378.32	318.92	33.90	25.51	4.36	7.15	2.00	125.80	7.15	31.91
Bracken	14.00	0.00	13.55	0.45	0.63	0.63	0.99	0.63	0.63	0.99
Breathitt	1.55	0.00	0.15	1.40	0.00	0.00	0.00	0.00	0.00	0.00
Breckinridge	2,773.40	2,158.37	472.22	142.81	84.22	204.98	10.24	656.64	210.31	463.67
Bullitt	68.96	7.18	23.94	37.84	1.63	1.05	1.41	4.80	1.05	1.41
Butler	776.76	386.27	176.84	213.65	31.45	80.58	0.80	110.59	80.58	117.56
Caldwell	1,309.31	905.98	335.98	67.35	57.96	149.48	4.34	153.34	149.61	230.15
Calloway	1,443.30	1,036.55	348.09	58.66	58.76	143.20	5.38	271.91	143.22	231.01
Campbell	142.62	77.44	61.73	3.45	7.58	9.27	6.79	15.23	9.27	38.90
Carlisle	451.17	369.27	77.77	4.13	9.73	19.15	17.65	133.04	19.15	52.19
Carroll	1.68	0.10	0.00	1.58	0.00	0.00	0.00	0.01	0.00	0.00
Carter	251.95	78.73	167.04	6.17	9.72	5.34	2.49	32.83	5.34	19.48
Casey	429.07	352.05	71.10	5.92	9.74	19.06	4.18	129.46	19.06	51.94
Christian	16,798.47	9,648.02	6,931.33	219.12	829.94	2,983.97	366.20	2,125.73	2,983.97	3,818.97

Distribution of Fertilizer Sales in Kentucky July through September 2019

Total Fertilizer and Nutrients By County
 Division of Regulatory Services University of Kentucky
 July 2019 through September 2019

County Name	Total Fertilizer	Total Single	Total Multi	All Other	Multiple Nutrient			All Fertilizer		
					Total N	Total P ₂ O ₅	Total K ₂ O	Total N	Total P ₂ O ₅	Total K ₂ O
Clark	1,061.31	727.48	287.31	46.52	45.08	21.08	11.38	115.52	21.08	312.00
Clay	37.58	17.83	18.03	1.72	0.93	1.67	0.42	6.05	1.67	2.72
Clinton	240.16	171.93	9.83	58.40	1.63	3.01	0.96	28.46	3.01	68.62
Crittenden	949.13	138.58	4.60	805.96	0.43	0.77	0.21	44.00	0.77	1.09
Cumberland	51.63	10.65	15.11	25.87	0.83	2.64	2.39	5.19	2.64	2.78
Daviess	5,048.63	3,564.16	764.14	720.34	108.27	235.90	89.17	1,074.96	235.90	482.50
Edmonson	7.33	0.00	7.33	0.65	0.51	1.71	0.65	0.51	1.71	
Estill	20.65	13.60	7.05	1.02	2.25	0.49	3.34	2.25	5.62	
Fayette	626.16	58.76	539.20	28.21	97.71	12.45	24.51	114.54	12.54	30.41
Fleming	1,404.68	611.21	693.44	100.03	124.74	274.05	38.00	157.10	274.05	356.03
Floyd	35.86	25.86	10.00	1.85	3.25	0.95	19.62	3.25	2.15	
Franklin	59.62	0.13	57.73	1.77	2.57	1.19	4.44	2.61	1.19	4.44
Fulton	6,015.68	4,890.83	1,123.21	1.65	200.60	512.75	0.45	1,863.96	512.75	812.87
Gallatin	526.04	375.19	145.95	4.89	26.16	66.80	0.04	89.05	66.80	118.82
Garrard	72.68	44.67	5.75	22.26	1.04	2.62	0.02	7.30	2.62	18.09
Grant	17.34	2.00	15.34	2.62	1.93	2.60	3.54	1.93	2.60	
Graves	2,641.33	1,164.51	913.32	563.50	88.48	210.76	205.27	455.39	210.76	347.46
Grayson	1,024.35	585.07	362.53	76.75	38.65	83.63	88.29	236.57	83.63	142.41
Green	429.08	239.94	145.67	43.47	26.08	66.03	0.40	67.89	66.03	77.83
Greenup	0.86	0.00	0.05	0.81	0.01	0.00	0.00	0.01	0.00	0.00
Hancock	420.99	305.04	74.24	41.71	13.50	25.55	1.13	102.36	25.55	48.71
Hardin	3,143.49	1,393.19	1,151.17	599.12	129.14	240.35	160.65	508.84	240.35	319.74
Harlan	0.32	0.02	0.30	0.00	0.00	0.00	0.00	0.00	0.00	
Harrison	1,393.75	1,118.03	242.24	33.49	39.40	66.80	11.89	355.81	66.80	240.51

Distribution of Fertilizer Sales in Kentucky July through September 2019

Total Fertilizer and Nutrients By County
 Division of Regulatory Services University of Kentucky
 July 2019 through September 2019

County Name	Total Fertilizer	Total Single	Total Multi	All Other	Multiple Nutrient			All Fertilizer		
					Total N	Total P ₂ O ₅	Total K ₂ O	Total N	Total P ₂ O ₅	Total K ₂ O
Hart	741.47	533.42	99.84	108.21	14.20	27.10	15.24	59.08	27.10	231.89
Henderson	15,450.53	13,333.90	1,931.33	185.30	341.50	869.00	8.14	679.10	869.00	7,338.25
Henry	818.24	306.45	486.06	25.73	42.90	63.86	69.32	113.47	63.86	149.79
Hickman	557.15	367.02	171.89	18.24	30.71	77.73	0.52	142.44	77.73	28.85
Hopkins	798.77	453.55	73.11	272.12	9.16	16.59	11.40	130.42	18.24	50.55
Jackson	3.13	0.00	3.00	0.13	0.57	0.57	0.57	0.57	0.57	0.57
Jefferson	1,398.36	125.34	1,250.26	22.76	203.02	43.36	73.43	241.54	43.37	75.12
Jessamine	54.96	5.03	22.44	27.49	3.17	0.78	1.33	3.22	0.78	2.11
Johnson	17.24	0.00	17.24	0.25	0.24	0.25	0.25	0.24	0.25	
Kenton	182.56	27.08	148.28	7.21	20.90	5.35	7.06	32.48	5.39	7.50
Knox	144.26	61.45	81.98	0.83	10.13	38.70	0.70	15.80	38.70	25.23
Larue	2,281.52	1,451.92	641.31	188.29	112.94	286.52	6.26	292.80	286.52	516.12
Laurel	241.26	230.18	9.21	1.87	1.44	1.31	1.46	57.68	1.31	65.92
Lawrence	2.91	0.68	1.83	0.39	0.25	0.12	0.26	0.32	0.12	0.28
Lee	4.00	0.00	4.00	0.03	0.00	0.00	0.03	0.00	0.00	
Leslie	1.50	1.50	0.00	0.00	0.00	0.00	0.51	0.00	0.00	
Letcher	1.40	0.00	0.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00
Lewis	524.92	338.23	186.69	33.55	59.16	13.79	100.32	59.16	129.63	
Lincoln	2,010.63	1,654.50	278.10	78.03	49.10	120.55	5.36	390.17	120.55	501.38
Livingston	1,357.05	544.48	62.93	749.65	6.69	12.65	11.98	172.65	12.65	25.24
Logan	3,927.47	1,344.02	2,258.24	325.21	312.23	730.69	321.46	399.27	752.20	923.55
Lyon	2,942.97	1,490.57	1,265.79	186.62	227.27	580.20	0.78	234.27	580.20	881.89
McCracken	1,149.80	619.84	470.07	59.89	54.22	101.94	51.89	209.33	101.94	174.11
McCreary	6.00	0.00	6.00	1.14	1.14	1.14	1.14	1.14	1.14	

Distribution of Fertilizer Sales in Kentucky July through September 2019

Total Fertilizer and Nutrients By County
 Division of Regulatory Services University of Kentucky
 July 2019 through September 2019

County Name	Total Fertilizer	Total Single	Total Multi	All Other	Multiple Nutrient			All Fertilizer		
					Total N	Total P ₂ O ₅	Total K ₂ O	Total N	Total P ₂ O ₅	Total K ₂ O
McLean	1,642.82	1,140.65	398.34	103.83	52.52	99.91	57.57	387.51	108.70	66.46
Madison	240.27	151.79	85.29	3.20	12.94	17.05	7.80	29.53	17.05	68.60
Magoffin	3.05	0.00	3.00	0.05	0.57	0.57	0.57	0.57	0.57	0.57
Marion	1,213.71	708.16	176.22	329.33	23.22	47.91	25.50	248.46	48.26	93.61
Marshall	520.88	271.61	123.97	125.29	17.66	37.84	11.97	140.47	37.84	35.18
Mason	242.86	185.81	35.66	21.39	4.76	10.14	0.71	44.13	10.14	53.75
Meade	263.16	32.98	111.75	118.43	14.90	21.18	24.10	26.60	21.18	26.12
Menifee	0.06	0.00	0.06	0.01	0.01	0.01	0.01	0.01	0.01	
Mercer	357.69	299.18	31.97	26.55	5.73	12.87	1.11	91.00	12.87	43.79
Metcalfe	361.17	291.32	67.68	2.17	11.96	21.54	6.48	102.11	21.54	41.41
Monroe	180.97	115.37	31.76	33.84	5.57	8.96	3.09	40.26	8.96	16.78
Montgomery	25.24	4.05	20.52	0.68	2.40	3.48	0.79	3.32	3.48	2.00
Morgan	386.11	204.73	32.38	149.00	5.90	13.42	0.42	61.99	13.42	50.09
Muhlenberg	486.20	463.03	18.61	4.56	1.68	4.13	5.44	151.41	4.13	5.57
Nelson	729.57	508.72	158.93	61.92	21.51	47.66	16.27	217.81	47.66	52.91
Nicholas	0.68	0.02	0.58	0.08	0.11	0.11	0.11	0.11	0.11	0.11
Ohio	1,511.10	1,179.82	208.64	122.64	29.08	54.61	32.35	354.38	56.88	195.50
Oldham	150.22	33.52	111.76	4.94	5.62	2.95	3.94	16.80	2.95	4.43
Owen	703.71	544.29	144.93	14.49	25.62	58.96	3.01	139.41	58.96	177.43
Pendleton	68.95	67.43	1.44	0.08	0.25	0.03	0.11	24.66	0.03	0.18
Perry	0.05	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Pike	1.12	0.00	1.12	0.20	0.20	0.20	0.20	0.20	0.20	
Powell	10.00	0.00	10.00	1.90	1.90	1.90	1.90	1.90	1.90	
Pulaski	2,307.67	2,095.86	136.58	75.23	19.18	32.96	9.74	134.28	32.96	1,074.56

Distribution of Fertilizer Sales in Kentucky July through September 2019

Total Fertilizer and Nutrients By County
 Division of Regulatory Services University of Kentucky
 July 2019 through September 2019

County Name	Total Fertilizer	Total Single	Total Multi	All Other	Multiple Nutrient			All Fertilizer		
					Total N	Total P ₂ O ₅	Total K ₂ O	Total N	Total P ₂ O ₅	Total K ₂ O
Robertson	13.85	13.54	0.26	0.05	0.01	0.03	0.01	4.35	0.03	0.01
Rockcastle	15.30	9.75	5.55	0.65	1.20	0.83	1.59	1.20	5.03	
Rowan	321.69	20.96	299.95	0.78	47.99	78.42	42.26	55.61	78.42	43.47
Russell	55.00	34.54	20.44	0.02	3.43	4.81	2.61	9.77	4.81	9.16
Scott	807.38	545.52	197.12	64.75	32.78	19.87	5.27	164.56	19.87	142.53
Shelby	1,462.51	878.16	538.18	46.17	82.04	77.49	54.60	330.88	77.49	185.64
Simpson	2,865.27	1,663.13	1,147.44	54.70	195.15	496.75	15.32	505.14	496.75	402.58
Spencer	23.77	0.53	11.60	11.64	1.93	0.58	1.41	2.17	0.58	1.41
Taylor	347.09	176.19	74.30	96.59	10.60	13.02	9.73	60.23	13.02	48.23
Todd	2,612.39	1,390.69	1,189.00	32.71	157.80	398.99	140.85	362.84	398.99	560.33
Trigg	2,289.99	971.01	1,097.51	221.48	193.38	494.62	11.01	198.48	494.62	579.77
Trimble	116.12	75.14	39.98	1.00	5.27	13.71	0.96	29.32	13.71	0.96
Union	2,337.37	1,483.60	243.81	609.96	15.51	42.08	69.90	482.38	42.08	74.47
Warren	3,294.76	1,787.48	1,409.59	97.70	260.61	466.09	47.13	522.62	495.19	699.42
Washington	2,408.46	1,943.94	417.67	46.85	71.59	154.90	8.81	484.42	154.90	369.85
Wayne	386.56	209.83	150.04	26.68	21.87	46.96	5.56	53.95	46.96	77.83
Webster	1,324.94	722.93	385.66	216.35	53.58	137.16	38.40	208.79	137.16	188.85
Whitley	51.80	7.88	19.63	24.30	1.86	1.67	0.87	2.03	1.67	5.37
Wolfe	4.00	0.00	4.00	1.08	0.52	0.52	1.08	0.52	0.52	
Woodford	1,176.10	1,104.13	70.74	1.24	13.85	16.21	4.06	381.91	16.21	259.75
Unknown	80.79	15.38	64.11	1.30	3.11	1.05	1.25	8.11	1.05	2.76
Totals	127,364.36	80,761.91	37,379.87	9,222.58	5,521.46	12,570.47	2,454.09	20,058.88	12,641.79	27,028.47