

Distribution of Fertilizer Sales
In
Kentucky
Fertilizer Year: 2019
January through March 2019

<u>Bagged</u>	<u>11%</u>
<u>Bulk</u>	<u>58%</u>
<u>Liquid</u>	<u>31%</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

January through March 2019

INTRODUCTION

This report provides data on fertilizer movement in Kentucky for the period of January through March 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 McMurry, 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 January through March 2019

Total Fertilizer Summary

Division of Regulatory Services University of Kentucky

January 2019 through March 2019

	Container				Use	
	Total	Bag	Bulk	Liquid	Farm	Nonfarm
Multi-Nutrient	86,083.12	19,612.89	63,302.41	3,167.82	70,864.99	15,218.13
Nitrogen	107,522.33	3,215.32	31,573.30	72,733.72	106,251.87	1,270.47
Phosphate	497.95	10.47	487.22	0.25	497.63	0.32
Potash	46,581.41	3,251.54	43,220.71	109.16	46,302.49	278.92
Organics	179.84	124.15	8.20	47.48	107.20	72.64
Sec/Micro	1,532.11	862.41	488.86	180.85	1,120.77	411.34
Miscellaneous	3,882.45	680.03	2,537.22	665.20	3,499.06	383.38
Total	246,279.20	27,756.81	141,617.92	76,904.47	228,644.02	17,635.19

Percentage by container:

Bagged	11.27%
Bulk	57.50%
Liquid	31.23%

Percentage by use:

Farm	92.84%
Non-Farm	7.16%

Distribution of Fertilizer Sales in Kentucky January through March 2019

Historical Total Fertilizer
Division of Regulatory Services University of Kentucky
Current- January 2019 through March 2019
Historical - January 2018 through March 2018

	Container						Use					
	Total		Bag		Bulk		Liquid		Farm		Non-Farm	
	Historical	Current	Historical	Current	Historical	Current	Historical	Current	Historical	Current	Historical	Current
Multi-Nutrient	53,311.60	86,083.12	19,991.84	19,612.89	29,037.09	63,302.41	4,282.66	3,167.82	37,822.31	70,864.99	15,489.29	15,218.13
Nitrogen	80,179.74	107,522.33	2,722.94	3,215.32	20,116.91	31,573.30	57,339.89	72,733.72	79,065.17	106,251.87	1,114.56	1,270.47
Phosphate	111.80	497.95	18.36	10.47	92.94	487.22	0.51	0.25	111.55	497.63	0.25	0.32
Potash	34,709.21	46,581.41	678.24	3,251.54	33,864.77	43,220.71	166.21	109.16	34,373.32	46,302.49	335.89	278.92
Organics	184.36	179.84	44.19	124.15	140.17	8.20	0.00	47.48	165.31	107.20	19.05	72.64
Sec/Micro	906.75	1,532.11	624.75	862.41	203.27	488.86	78.72	180.85	554.32	1,120.77	352.42	411.34
Miscellaneous	2,797.29	3,882.45	1,100.55	680.03	1,536.75	2,537.22	160.00	665.20	2,751.17	3,499.06	46.13	383.38
Total	172,200.74	246,279.20	25,180.87	27,756.81	84,991.89	141,617.92	62,027.98	76,904.47	154,843.15	228,644.02	17,357.59	17,635.19

Percentage changed:

Total	35.40%
Bagged	9.73%
Bulk	49.98%
Liquid	21.42%
Farm	38.49%
Non-Farm	1.59%

Distribution of Fertilizer Sales in Kentucky January through March 2019

Detail Fertilizer Summary

Division of Regulatory Services University of Kentucky

January 2019 through March 2019

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

Code	Grade	Total	Bag	Bulk	Liquid	Farm	Non-Farm
0	0-0-7	20.90	13.90	7.00	0.00	0.00	20.90
0	.05-.04-.03	561.43	561.43	0.00	0.00	0.00	561.43
0	.05-.05-.05	512.52	512.52	0.00	0.00	0.00	512.52
0	0.1-.08-.06	228.05	228.05	0.00	0.00	0.00	228.05
0	3-18-18	244.13	0.00	0.00	244.13	244.13	0.00
0	6-24-6	323.40	0.00	0.00	323.40	323.40	0.00
0	7-0-0	311.91	44.00	1.00	266.91	266.91	45.00
0	9-23-30	2,013.71	14.45	1,999.26	0.00	2,013.71	0.00
0	10-10-10	1,322.20	1,275.73	38.92	7.55	1,147.21	174.99
0	10-20-20	192.25	170.25	22.00	0.00	191.75	0.50
0	12-0-0	0.04	0.04	0.00	0.00	0.00	0.04
0	12-12-12	555.37	555.37	0.00	0.00	293.67	261.70
0	13-0-0	0.25	0.25	0.00	0.00	0.00	0.25
0	13-0-5	215.85	201.85	14.00	0.00	0.00	215.85
0	14-0-4	212.00	212.00	0.00	0.00	0.00	212.00
0	15-15-15	110.07	106.67	3.40	0.00	110.07	0.00
0	17-2-5	163.22	27.02	0.00	136.20	0.00	163.22
0	17-17-17	466.65	27.00	439.65	0.00	466.65	0.00
0	19-0-5	170.60	96.60	74.00	0.00	0.08	170.53
0	19-19-19	4,526.73	2,154.71	2,372.02	0.00	4,523.73	3.00
0	20.5-0-0	33.07	0.00	33.07	0.00	33.07	0.00
0	24-0-6	144.00	143.90	0.00	0.10	0.00	144.00
0	25-0-0	4.04	0.00	0.00	4.04	4.04	0.00
0	25-0-5	731.52	731.52	0.00	0.00	0.00	731.52
0	26-0-0	49.84	0.00	0.00	49.84	49.84	0.00
0	27-13-13	301.19	4.00	297.19	0.00	301.19	0.00
0	28-0-3	575.72	575.72	0.00	0.00	0.00	575.72
0	30-0-4	203.20	203.20	0.00	0.00	0.00	203.20
2	82-0-0	21,202.38	0.00	0.00	21,202.38	21,202.38	0.00
10	33.5-0-0	577.22	0.00	577.22	0.00	577.22	0.00
10	34-0-0	2,656.51	235.41	2,421.10	0.00	2,574.65	81.87
16	30-0-0	165.77	0.00	165.77	0.00	165.77	0.00
24	20.5-0-0	659.26	0.00	659.26	0.00	659.26	0.00
24	21-0-0	2,712.62	91.77	2,620.85	0.00	2,667.24	45.38
29	33.5-0-0	5.00	5.00	0.00	0.00	5.00	0.00
31	12-0-0	914.08	0.15	0.00	913.93	914.08	0.00
56	0-0-0	21.00	0.00	0.00	21.00	21.00	0.00

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Detail Fertilizer Summary

Division of Regulatory Services University of Kentucky

January 2019 through March 2019

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

Code	Grade	Total	Bag	Bulk	Liquid	Farm	Non-Farm
56	12-0-0	0.14	0.00	0.00	0.14	0.00	0.14
56	25-0-0	46.28	0.00	0.00	46.28	46.28	0.00
58	28-0-0	16,643.24	0.00	0.00	16,643.24	16,593.24	50.00
58	29-0-0	366.36	0.00	0.00	366.36	366.36	0.00
59	30-0-0	1,311.93	0.00	0.00	1,311.93	1,311.80	0.13
60	32-0-0	26,531.19	0.00	0.00	26,531.19	26,531.19	0.00
66	46-0-0	26,252.32	2,257.83	23,994.49	0.00	25,808.67	443.65
97	12-0-0	1.56	0.00	0.00	1.56	0.06	1.50
97	13-0-0	244.43	244.43	0.00	0.00	0.00	244.43
97	25-0-0	857.10	2.51	3.00	851.59	851.59	5.51
97	26-0-0	1,795.09	0.00	0.00	1,795.09	1,795.09	0.00
97	29-0-0	1,229.60	0.00	0.00	1,229.60	1,229.60	0.00
203	18-46-0	35,635.19	406.54	35,228.66	0.00	35,537.16	98.03
209	11-52-0	144.42	0.00	144.42	0.00	144.42	0.00
249	10-34-0	726.78	26.07	0.00	700.71	726.78	0.00
267	0-46-0	495.05	10.41	484.59	0.04	495.00	0.04
408	0-0-7	89.73	89.73	0.00	0.00	0.00	89.73
415	0-0-0	6.07	0.00	0.00	6.07	6.07	0.00
428	0-0-60	39,209.20	3,045.14	36,164.06	0.00	39,111.03	98.17
443	0-0-22	1,775.19	4.00	1,771.19	0.00	1,773.19	2.00
463	0-0-50	4,880.75	13.94	4,866.81	0.00	4,877.27	3.48
497	0-0-7	50.07	50.07	0.00	0.00	0.00	50.07
649	0-0-0	23.74	23.74	0.00	0.00	0.00	23.74
702	0-0-0	3.13	0.00	3.13	0.00	3.13	0.00
706	0-0-0	129.38	115.23	7.57	6.58	129.38	0.00
720	0-0-0	3.65	3.65	0.00	0.00	3.65	0.00
723	0-0-0	1.25	1.25	0.00	0.00	1.25	0.00
724	0-0-0	11.25	11.25	0.00	0.00	11.25	0.00
728	0-0-0	42.23	42.23	0.00	0.00	0.00	42.23
730	0-0-0	3.12	2.10	0.00	1.02	2.10	1.02
732	0-0-0	275.62	3.24	272.38	0.00	272.38	3.24
733	0-0-0	4.22	0.00	0.00	4.22	4.16	0.06
734	0-0-0	0.25	0.00	0.00	0.25	0.00	0.25
742	0-0-0	19.50	6.70	12.80	0.00	19.50	0.00
744	0-0-0	150.71	150.50	0.00	0.21	0.50	150.21
745	0-0-0	0.14	0.00	0.00	0.14	0.14	0.00
749	0-0-0	0.85	0.00	0.00	0.85	0.85	0.00

Distribution of Fertilizer Sales in Kentucky January through March 2019

Detail Fertilizer Summary

Division of Regulatory Services University of Kentucky

January 2019 through March 2019

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

Code	Grade	Total	Bag	Bulk	Liquid	Farm	Non-Farm
754	0-0-0	5.24	5.24	0.00	0.00	2.45	2.79
764	0-0-0	1.98	0.89	1.00	0.09	0.00	1.98
765	0-0-0	25.76	12.00	0.00	13.76	24.63	1.13
766	0-0-0	111.13	111.13	0.00	0.00	0.00	111.13
767	0-0-0	96.27	96.27	0.00	0.00	0.00	96.27
770	0-0-0	245.79	144.28	101.51	0.00	245.75	0.04
773	0-0-0	0.38	0.38	0.00	0.00	0.38	0.00
778	0-0-0	33.75	33.75	0.00	0.00	33.75	0.00
780	0-0-0	75.02	23.03	51.99	0.00	75.02	0.00
782	0-0-0	42.69	2.71	30.40	9.58	42.69	0.00
783	0-0-0	5.85	0.00	0.00	5.85	5.85	0.00
784	0-0-0	3.03	0.00	0.00	3.03	3.03	0.00
797	0-0-0	209.69	69.10	8.09	132.51	208.68	1.02
798	0-0-0	30.26	27.50	0.00	2.76	30.26	0.00
978	0-0-0	3,871.75	669.34	2,537.22	665.20	3,499.06	372.69
990	0-0-0	10.70	10.70	0.00	0.00	0.00	10.70

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

Total	206,837.64
Bagged	15,909.33
Bulk	117,429.00
Liquid	73,499.32
Farm	200,580.65
Non-Farm	6,256.99

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

Total	24,853.03
Bagged	9,191.19
Bulk	13,220.84
Liquid	2,441.00
Farm	15,672.12
Non-Farm	9,180.24

Distribution of Fertilizer Sales in Kentucky January through March 2019

Detail Fertilizer Summary

Division of Regulatory Services University of Kentucky
January 2019 through March 2019

Totals for grades with less than 100 tons:

Total	15,662.48
Bagged	3,730.25
Bulk	10,968.08
Liquid	964.15
Farm	12,391.25
Non-Farm	3,271.24

Grand totals for all:

Total	246,279.21
Bagged	27,756.81
Bulk	141,617.92
Liquid	76,904.47
Farm	228,644.02
Non-Farm	17,635.19

Distribution of Fertilizer Sales in Kentucky January through March 2019

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

January 2019 through March 2019

County Name	0-0-60	18-46-0	32-0-0	46-0-0	82-0-0
Adair	997.07	300.83	0.00	627.99	0.00
Allen	511.12	449.40	1.39	745.99	0.00
Anderson	49.41	49.59	5.97	100.48	0.00
Ballard	2,274.44	1,213.46	2,617.01	19.51	1,194.79
Barren	1,557.37	1,632.05	6.51	2,990.25	0.00
Bath	27.41	4.18	0.00	49.59	0.00
Bell	0.00	0.00	0.00	0.00	0.00
Boone	0.00	0.00	0.00	22.00	0.00
Bourbon	153.00	187.00	0.00	12.00	0.00
Boyd	75.09	101.32	0.00	16.00	0.00
Boyle	1,035.16	67.23	0.00	205.42	0.00
Bracken	0.00	0.00	0.00	0.00	0.00
Breathitt	0.25	0.00	0.00	0.00	0.00
Breckinridge	2,088.25	1,235.62	74.99	878.96	39.25
Bullitt	0.00	0.00	0.00	17.60	0.00
Butler	437.60	530.26	0.00	554.48	0.00
Caldwell	110.66	111.59	63.26	113.73	92.38
Calloway	1,127.82	961.93	869.24	187.61	130.67
Campbell	7.70	6.15	0.00	29.50	0.00
Carlisle	818.73	683.60	933.95	153.59	367.93
Carroll	51.15	0.00	0.00	0.00	0.00
Carter	89.08	84.48	0.00	84.27	0.00
Casey	213.74	227.08	0.00	316.97	0.00
Christian	1,449.46	1,710.10	4,665.92	548.83	2,606.96
Clark	3,464.85	449.78	0.00	1,021.80	0.00
Clay	0.00	0.00	0.00	0.00	0.00
Clinton	533.70	680.00	0.00	521.03	0.00
Crittenden	19.60	15.66	17.86	0.00	0.00
Cumberland	77.74	60.88	0.00	63.67	0.00
Daviess	1,167.89	808.80	1,772.95	238.98	1,622.23
Edmonson	0.32	0.41	0.00	0.25	0.00
Elliott	0.00	0.00	0.00	0.00	0.00
Estill	0.75	0.00	0.00	6.50	0.00
Fayette	24.00	7.07	0.00	145.87	0.00
Fleming	244.95	305.92	0.00	349.70	0.00
Floyd	0.00	0.00	0.00	2.00	18.86
Franklin	0.00	0.00	0.00	5.50	0.00
Fulton	199.48	189.87	769.33	86.61	135.66

Distribution of Fertilizer Sales in Kentucky January through March 2019

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

January 2019 through March 2019

County Name	0-0-60	18-46-0	32-0-0	46-0-0	82-0-0
Gallatin	124.68	0.00	0.00	174.82	0.00
Garrard	57.19	5.89	0.00	111.14	0.00
Grant	0.00	0.00	0.00	5.00	0.00
Graves	530.58	419.91	1,619.60	127.29	1,585.92
Grayson	167.91	196.01	0.00	348.00	0.00
Green	220.97	499.51	50.01	364.30	0.00
Greenup	0.00	0.00	0.00	0.00	0.00
Hancock	37.51	88.57	0.00	88.21	0.00
Hardin	923.50	868.03	109.94	178.99	152.95
Harlan	0.15	0.00	0.00	0.00	0.00
Harrison	458.22	60.23	0.00	545.19	0.00
Hart	200.88	91.22	43.90	287.94	0.00
Henderson	416.99	563.40	0.00	214.46	89.05
Henry	245.15	0.00	0.00	125.06	0.00
Hickman	157.12	115.73	1,093.81	45.39	606.71
Hopkins	0.00	0.00	0.00	18.18	141.42
Jackson	0.30	0.30	0.00	2.00	0.00
Jefferson	0.00	0.00	5.59	77.77	0.00
Jessamine	26.49	0.00	0.00	24.25	0.00
Johnson	0.00	0.00	0.00	0.00	0.00
Kenton	0.00	0.00	0.00	0.03	0.00
Knott	0.00	0.00	0.00	0.00	0.00
Knox	0.00	0.00	0.00	0.00	0.00
Larue	563.24	598.29	337.89	335.86	0.00
Laurel	74.59	382.98	0.00	328.90	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	49.54	24.49	0.00	24.85	0.00
Lincoln	1,216.73	1,022.90	251.00	1,592.87	0.00
Livingston	26.35	122.32	146.55	19.10	0.00
Logan	1,547.88	1,977.24	1,323.44	708.73	1,788.79
Lyon	955.97	1,267.38	1,799.57	124.51	0.00
McCracken	101.87	55.96	480.28	49.80	54.15
McCreary	4.50	3.00	0.00	4.50	0.00
McLean	2,052.35	2,350.93	378.74	123.82	2,005.58
Madison	113.28	90.40	0.00	159.89	0.00

Distribution of Fertilizer Sales in Kentucky January through March 2019

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

January 2019 through March 2019

County Name	0-0-60	18-46-0	32-0-0	46-0-0	82-0-0
Magoffin	0.00	0.00	0.00	0.00	0.00
Marion	259.06	569.10	249.98	738.75	0.00
Marshall	325.21	209.36	258.32	105.38	52.32
Martin	0.00	0.00	0.00	0.00	0.00
Mason	28.31	6.44	0.00	44.94	0.00
Meade	13.40	30.68	0.00	15.40	0.00
Menifee	0.00	0.00	0.00	0.00	0.00
Mercer	274.08	106.89	131.28	409.61	0.00
Metcalfe	139.72	156.32	0.00	381.53	0.00
Monroe	459.14	440.11	28.42	634.01	0.00
Montgomery	0.00	0.00	25.00	25.00	0.00
Morgan	107.02	253.72	0.00	202.43	0.00
Muhlenberg	0.00	0.00	16.65	5.50	0.00
Nelson	411.39	152.75	349.98	993.30	0.00
Nicholas	0.00	51.91	0.00	0.00	0.00
Ohio	214.64	343.54	0.00	112.34	337.54
Oldham	0.00	0.00	0.00	6.99	0.00
Owen	49.31	97.76	0.00	96.99	0.00
Owsley	0.00	0.00	0.00	1.00	0.00
Pendleton	0.00	0.00	0.00	37.00	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	2.10	0.90	0.00	6.00	0.00
Pulaski	846.93	986.96	122.10	692.71	0.00
Robertson	0.00	0.00	0.00	0.00	0.00
Rockcastle	3.00	2.00	0.00	5.50	0.00
Rowan	2.10	131.10	0.00	44.25	0.00
Russell	233.42	742.63	99.04	814.82	0.00
Scott	246.39	24.36	50.67	435.70	0.00
Shelby	471.97	580.59	324.78	564.37	169.88
Simpson	769.25	1,910.99	1,591.15	573.22	591.56
Spencer	0.00	0.00	0.00	12.35	0.00
Taylor	318.35	391.92	0.00	229.40	0.00
Todd	799.30	1,264.05	1,408.64	412.93	3,243.87
Trigg	665.43	863.77	725.96	200.10	806.46
Trimble	0.00	0.00	0.00	0.00	0.00
Union	1,004.16	833.54	642.09	29.64	2,314.05
Warren	975.35	1,811.95	1,039.08	815.45	893.82

Distribution of Fertilizer Sales in Kentucky January through March 2019

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

January 2019 through March 2019

County Name	0-0-60	18-46-0	32-0-0	46-0-0	82-0-0
Washington	664.33	378.82	5.46	6.00	0.00
Wayne	405.64	275.34	23.90	700.56	0.00
Webster	289.22	55.76	0.00	29.26	139.97
Whitley	87.39	81.58	0.00	55.20	0.00
Wolfe	0.00	0.00	0.00	2.00	0.00
Woodford	61.91	1.40	0.00	384.16	0.00
Unknown	0.00	0.00	0.00	101.00	19.61
Totals	39,209.20	35,635.19	26,531.1	26,252.32	21,202.38

Distribution of Fertilizer Sales in Kentucky January through March 2019

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

January 2019 through March 2019

County Name	28-0-0	0-0-50	19-19-19	.09-.05-.07	21-0-0
Adair	0.00	300.00	161.06	8.55	73.55
Allen	1.53	71.15	18.00	11.73	8.33
Anderson	0.00	0.00	4.88	12.30	0.00
Ballard	538.46	0.00	0.00	0.00	4.91
Barren	246.50	200.69	21.53	56.97	295.29
Bath	76.04	122.90	8.40	5.25	0.00
Bell	0.00	0.00	0.75	31.92	0.00
Boone	0.00	0.00	0.00	110.67	0.00
Bourbon	0.00	10.00	4.20	10.89	6.18
Boyd	0.00	121.35	15.75	53.67	0.00
Boyle	0.00	49.88	40.63	36.84	0.00
Bracken	0.00	0.00	0.00	0.00	0.00
Breathitt	0.00	0.00	11.05	11.73	0.00
Breckinridge	424.98	104.03	11.74	6.63	8.55
Bullitt	0.00	0.00	0.30	18.69	0.00
Butler	0.00	24.99	11.05	6.90	50.00
Caldwell	73.69	49.48	0.00	11.85	0.00
Calloway	528.37	0.00	0.00	37.53	181.36
Campbell	0.00	0.00	34.65	88.20	0.25
Carlisle	61.78	0.00	0.00	0.00	0.00
Carroll	0.00	0.00	0.00	7.23	0.00
Carter	0.00	0.00	145.95	12.03	0.00
Casey	0.00	0.00	183.50	2.91	0.00
Christian	4,176.40	42.50	0.15	267.60	75.59
Clark	0.00	512.00	16.60	35.49	0.00
Clay	0.00	0.00	9.75	0.00	0.00
Clinton	0.00	0.00	130.81	0.00	74.60
Crittenden	0.00	0.00	0.00	0.00	0.00
Cumberland	0.00	0.00	66.04	0.00	0.00
Daviess	781.37	80.94	55.99	73.14	17.13
Edmonson	0.00	0.00	7.00	3.54	0.00
Elliott	0.00	0.00	0.00	0.00	0.00
Estill	0.00	0.00	8.25	2.58	0.00
Fayette	0.00	0.50	16.45	256.14	0.00
Fleming	0.00	127.58	6.30	0.00	0.00
Floyd	0.00	0.00	11.00	12.78	0.00
Franklin	0.00	0.00	3.15	44.86	0.00
Fulton	166.21	0.00	0.00	1.38	70.65

Distribution of Fertilizer Sales in Kentucky January through March 2019

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

January 2019 through March 2019

County Name	28-0-0	0-0-50	19-19-19	.09-.05-.07	21-0-0
Gallatin	125.72	47.46	0.00	1.53	24.53
Garrard	0.00	0.00	29.52	0.00	0.00
Grant	0.00	0.00	5.00	13.02	0.00
Graves	748.10	0.00	0.00	15.09	63.35
Grayson	0.00	25.00	11.13	16.50	136.00
Green	0.00	32.28	14.26	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	310.24	0.00	17.85	104.61	0.00
Harlan	0.00	0.00	1.00	13.44	0.00
Harrison	123.85	343.00	71.67	15.96	6.00
Hart	28.16	197.91	5.45	8.16	1.00
Henderson	30.51	320.95	0.00	26.61	100.62
Henry	0.00	0.00	21.00	0.00	0.00
Hickman	233.58	0.00	0.00	0.00	53.00
Hopkins	0.00	0.13	22.16	47.31	0.00
Jackson	0.00	0.00	38.60	0.00	0.00
Jefferson	0.00	0.53	54.28	463.32	3.25
Jessamine	0.00	0.00	4.00	26.85	0.00
Johnson	0.00	0.00	0.00	54.72	0.00
Kenton	0.00	0.00	0.00	35.40	0.00
Knott	0.00	0.00	0.00	0.00	0.00
Knox	0.00	0.00	1.48	8.01	0.00
Larue	100.13	0.00	4.20	6.45	200.14
Laurel	0.00	0.00	50.50	33.78	24.92
Lawrence	0.00	0.00	0.00	11.07	0.00
Lee	0.00	0.00	3.00	0.00	0.00
Leslie	0.00	0.00	1.00	0.00	0.00
Letcher	0.00	0.00	0.00	2.76	0.00
Lewis	0.00	0.00	357.00	0.00	0.00
Lincoln	74.90	24.29	135.42	2.16	108.66
Livingston	0.00	0.00	0.00	0.00	0.00
Logan	1,162.44	948.96	17.00	9.51	313.01
Lyon	1,617.16	0.00	0.00	17.58	0.00
McCracken	0.00	0.18	0.00	67.41	52.50
McCreary	0.00	0.00	8.90	0.00	0.00
McLean	15.05	0.00	23.45	0.00	0.00
Madison	0.00	0.00	73.83	53.22	0.00

Distribution of Fertilizer Sales in Kentucky January through March 2019

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

January 2019 through March 2019

County Name	28-0-0	0-0-50	19-19-19	.09-.05-.07	21-0-0
Magoffin	0.00	0.00	0.00	0.00	0.00
Marion	25.76	0.00	4.95	9.54	178.91
Marshall	18.05	0.20	0.00	17.91	28.50
Martin	0.00	0.00	0.00	0.00	0.00
Mason	25.00	0.00	0.00	22.86	0.00
Meade	75.16	0.00	12.20	0.00	0.00
Menifee	0.00	0.00	0.00	0.00	0.00
Mercer	75.13	0.00	3.15	8.37	5.38
Metcalfe	13.41	0.00	458.84	0.00	4.00
Monroe	117.78	0.00	268.05	2.16	37.00
Montgomery	0.00	0.00	37.00	26.76	0.00
Morgan	0.00	0.00	0.00	0.00	0.00
Muhlenberg	0.00	0.00	0.33	5.82	0.00
Nelson	0.00	0.00	27.00	35.64	0.00
Nicholas	0.00	0.00	4.20	0.00	0.00
Ohio	0.00	1.31	15.33	8.73	0.00
Oldham	0.00	0.00	0.05	60.33	0.00
Owen	0.00	134.38	21.00	0.00	8.16
Owsley	0.00	0.00	2.00	0.00	0.00
Pendleton	0.00	0.00	31.50	0.00	0.00
Perry	0.00	0.00	0.00	47.46	0.00
Pike	0.00	0.00	0.00	60.18	0.00
Powell	0.00	0.00	5.00	18.00	0.00
Pulaski	75.03	400.21	263.44	49.11	0.00
Robertson	0.00	0.00	0.00	0.00	0.00
Rockcastle	0.00	0.00	42.88	1.50	0.00
Rowan	0.00	1.00	344.95	21.12	3.00
Russell	0.00	0.40	162.28	0.00	138.52
Scott	101.53	107.71	3.15	30.09	0.00
Shelby	650.67	50.00	126.95	28.50	0.00
Simpson	440.80	0.00	0.00	27.75	58.88
Spencer	0.00	0.00	2.10	1.50	0.00
Taylor	50.01	0.00	73.24	19.47	8.10
Todd	845.66	107.39	12.75	0.00	0.00
Trigg	1,034.25	0.00	2.10	5.55	0.00
Trimble	0.00	0.00	0.00	0.00	0.00
Union	350.59	0.00	0.20	8.55	4.08
Warren	524.22	319.50	360.15	102.75	209.10

Distribution of Fertilizer Sales in Kentucky January through March 2019

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky
January 2019 through March 2019

County Name	28-0-0	0-0-50	19-19-19	.09-.05-.07	21-0-0
Washington	0.00	0.00	5.25	0.00	75.65
Wayne	75.00	0.00	54.26	13.83	0.00
Webster	500.03	0.00	2.52	0.00	0.00
Whitley	0.00	0.00	194.25	39.51	0.00
Wolfe	0.00	0.00	5.00	4.50	0.00
Woodford	0.00	0.00	4.05	0.00	0.00
Unknown	0.00	0.00	0.00	0.00	0.00
Totals	16,643.24	4,880.75	4,526.73	2,971.96	2,712.62

Distribution of Fertilizer Sales in Kentucky January through March 2019

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 January 2019 through March 2019

County Name	Total Fertilizer	Materials			Multiple Nutrient			All Fertilizer		
		Total Single	Total Multi	All Other	Total N	Total P ₂ O ₅	Total K ₂ O	Total N	Total P ₂ O ₅	Total K ₂ O
Adair	2,848.96	2,048.85	782.37	17.74	104.61	200.02	94.68	419.75	200.02	842.92
Allen	2,291.79	1,344.32	758.65	188.82	95.03	221.23	10.98	443.39	223.51	356.42
Anderson	268.07	162.49	99.58	6.00	12.93	24.65	1.92	61.11	24.65	32.03
Ballard	8,615.30	7,301.43	1,313.73	0.15	228.84	580.64	21.47	2,407.02	580.64	1,391.95
Barren	8,103.38	5,708.90	2,300.65	93.83	383.36	817.89	80.58	1,906.55	817.89	1,192.79
Bath	464.65	282.30	30.58	151.76	3.30	4.37	2.45	49.54	4.37	80.35
Bell	82.16	0.38	81.68	0.10	1.98	1.49	1.49	2.11	1.49	1.49
Boone	907.03	35.08	867.18	4.77	110.46	7.14	29.44	121.34	7.14	34.40
Bourbon	456.46	221.55	230.92	3.99	37.21	87.33	7.45	52.25	90.55	104.35
Boyd	975.92	474.18	457.81	43.93	56.81	55.34	9.06	64.37	55.35	171.38
Boyle	1,618.57	1,316.17	277.09	25.31	28.53	42.43	16.45	134.22	42.75	662.65
Bracken	26.20	0.00	0.25	25.95	0.05	0.03	0.05	0.05	0.03	0.05
Breathitt	76.67	3.35	71.68	1.64	5.44	6.18	6.08	6.50	6.18	6.23
Breckinridge	5,530.15	3,958.54	1,493.49	78.13	254.44	608.76	43.59	838.76	760.19	1,348.56
Bullitt	256.74	20.38	236.37	18.44	6.66	13.68	26.69	6.66	13.81	
Butler	1,707.94	1,069.17	616.66	22.11	101.25	257.34	4.67	367.53	257.34	279.72
Caldwell	3,191.31	2,887.55	293.04	10.72	35.19	86.01	30.25	903.72	86.01	142.97
Calloway	4,588.81	3,212.34	1,367.98	8.48	208.89	507.36	31.35	880.83	507.36	722.57
Campbell	501.27	131.19	316.85	53.22	20.52	16.39	15.76	34.66	16.39	66.15
Carlisle	3,535.79	2,407.15	1,105.30	23.34	164.46	388.26	120.72	871.63	388.26	611.96
Carroll	72.48	51.15	17.83	3.50	0.55	0.25	0.30	0.55	0.25	30.99
Carter	552.37	173.48	319.14	59.76	49.14	75.07	36.08	87.91	75.07	89.53
Casey	1,091.38	531.27	495.52	64.59	81.79	146.30	43.12	227.63	146.30	171.36
Christian	21,587.13	17,601.63	3,876.29	109.21	444.21	1,002.70	168.20	6,556.95	1,002.70	1,080.49

Distribution of Fertilizer Sales in Kentucky January through March 2019

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 January 2019 through March 2019

County Name	Total Fertilizer	Materials			Multiple Nutrient			All Fertilizer		
		Total Single	Total Multi	All Other	Total N	Total P ₂ O ₅	Total K ₂ O	Total N	Total P ₂ O ₅	Total K ₂ O
Clark	6,272.23	5,003.88	1,247.03	21.32	178.84	227.94	8.11	648.94	227.95	2,344.10
Clay	45.21	3.75	40.71	0.75	3.54	4.17	4.17	4.82	4.17	4.17
Clinton	2,348.04	1,387.49	951.87	8.68	175.97	358.41	45.61	519.08	358.41	365.83
Crittenden	146.93	37.46	93.22	16.25	12.02	21.91	18.07	17.73	21.91	29.83
Cumberland	305.41	152.16	152.50	0.75	27.70	43.84	15.98	60.64	43.84	62.62
Daviess	10,134.37	5,867.94	3,884.80	381.63	434.27	954.58	533.92	2,710.37	956.65	1,275.80
Edmonson	45.60	1.57	44.03	4.40	5.09	4.87	4.87	5.09	5.06	
Estill	20.82	7.25	13.57	1.67	1.67	1.67	4.66	1.67	2.12	
Fayette	1,802.46	252.39	1,476.19	73.87	203.09	18.79	48.08	275.38	18.80	64.94
Fleming	1,480.10	865.85	408.12	206.14	70.42	152.43	1.85	231.67	152.43	243.08
Floyd	82.26	21.36	60.90	4.59	4.75	4.78	21.15	4.75	4.78	
Franklin	342.62	8.40	287.76	46.47	8.83	2.21	2.90	11.43	2.21	2.92
Fulton	1,941.71	1,600.68	304.51	36.52	55.05	100.12	20.56	543.28	100.12	160.38
Gallatin	621.30	497.21	34.85	89.24	4.36	3.64	3.97	125.13	3.64	102.51
Garrard	243.40	171.08	65.82	6.50	8.39	8.93	5.80	59.52	8.93	40.31
Grant	59.44	5.38	54.05	0.01	2.73	2.46	2.36	5.08	2.46	2.36
Graves	7,268.50	4,872.26	2,349.75	46.49	251.19	592.22	500.58	2,390.48	592.22	821.57
Grayson	1,784.26	683.71	993.03	107.53	169.17	211.45	160.78	358.95	211.45	274.90
Green	1,515.99	755.42	747.39	13.18	122.09	259.96	53.62	317.20	279.27	202.62
Greenup	11.84	0.38	10.16	1.31	2.26	0.01	0.41	2.26	0.01	0.43
Hancock	240.35	125.72	88.63	26.00	15.96	40.75	0.01	56.53	40.75	22.52
Hardin	6,427.56	2,032.91	3,960.50	434.15	542.80	843.06	529.03	956.27	864.97	1,085.73
Harlan	50.11	11.72	38.39	2.65	3.46	1.67	3.00	3.46	1.86	
Harrison	2,083.13	1,696.59	351.90	34.64	43.84	45.61	17.45	379.74	45.61	480.32

Distribution of Fertilizer Sales in Kentucky January through March 2019

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 January 2019 through March 2019

County Name	Total Fertilizer	Materials			Multiple Nutrient			All Fertilizer		
		Total Single	Total Multi	All Other	Total N	Total P ₂ O ₅	Total K ₂ O	Total N	Total P ₂ O ₅	Total K ₂ O
Hart	1,852.91	964.32	815.54	73.05	155.46	142.92	135.47	322.08	142.92	377.66
Henderson	3,963.97	2,051.66	1,809.83	102.48	170.37	416.08	140.77	580.41	416.08	553.45
Henry	465.12	372.58	39.47	53.06	7.86	6.25	6.33	65.63	6.25	153.42
Hickman	2,728.27	2,319.65	328.12	80.50	58.48	94.55	28.13	1,047.77	94.55	122.40
Hopkins	819.46	190.92	616.92	11.61	59.13	74.28	101.43	188.11	74.30	101.52
Jackson	154.78	13.85	139.59	1.34	17.77	20.36	21.02	22.61	20.36	21.20
Jefferson	2,808.22	254.32	2,480.25	73.65	225.14	56.22	104.39	290.70	56.34	105.92
Jessamine	177.39	58.72	118.59	0.08	12.17	1.60	3.53	23.39	1.60	19.97
Johnson	119.72	0.00	118.94	0.78	1.44	1.37	1.29	1.44	1.37	1.29
Kenton	256.60	5.75	241.82	9.03	26.80	2.82	9.13	27.70	2.83	9.49
Knott	1.00	0.00	1.00	0.10	0.00	0.02	0.10	0.00	0.02	
Knox	26.74	1.00	25.74	1.01	1.17	1.00	1.35	1.17	1.00	
Larue	3,698.31	1,716.56	1,961.57	20.17	190.69	361.15	35.51	543.05	361.15	390.46
Laurel	1,126.42	436.48	545.96	143.98	81.65	188.39	12.49	239.86	188.39	57.46
Lawrence	23.05	0.00	23.05	0.26	0.02	0.09	0.26	0.02	0.09	
Lee	13.00	0.00	13.00	1.57	1.57	1.57	1.57	1.57	1.57	
Leslie	6.50	1.00	5.50	0.54	0.71	0.71	0.88	0.71	0.71	
Letcher	10.17	0.00	7.77	2.40	0.06	0.14	0.09	0.06	0.14	0.09
Lewis	696.35	74.39	621.62	0.34	98.41	111.22	100.32	109.84	111.22	130.04
Lincoln	4,950.22	3,476.89	1,190.64	282.69	212.69	499.86	29.61	1,105.63	499.86	799.32
Livingston	606.97	255.54	351.42	0.01	50.70	104.07	56.61	107.45	104.07	97.03
Logan	14,243.86	9,122.25	4,874.84	246.76	732.48	1,368.23	254.22	3,656.48	1,368.23	1,702.37
Lyon	5,886.90	4,526.75	1,343.81	16.34	231.65	591.71	0.20	1,325.82	591.71	573.79
McCracken	1,346.38	749.63	583.87	12.88	45.99	43.03	25.43	279.88	43.04	86.71

Distribution of Fertilizer Sales in Kentucky January through March 2019

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 January 2019 through March 2019

County Name	Total Fertilizer	Materials			Multiple Nutrient			All Fertilizer		
		Total Single	Total Multi	All Other	Total N	Total P ₂ O ₅	Total K ₂ O	Total N	Total P ₂ O ₅	Total K ₂ O
McCreary	21.65	9.00	12.65	2.34	3.07	1.74	4.41	3.07	4.44	
McLean	7,925.40	4,917.38	2,925.04	82.98	504.64	1,175.90	115.57	2,442.57	1,175.90	1,346.98
Madison	755.23	293.15	418.43	43.65	40.01	58.11	18.05	113.62	58.11	87.41
Magoffin	0.18	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
Marion	2,963.90	1,643.57	1,317.51	2.82	270.74	351.78	128.74	770.84	370.31	284.18
Marshall	1,664.83	1,261.01	402.69	1.13	62.50	127.62	22.81	393.72	127.65	218.12
Martin	6.00	0.00	6.00	1.08	1.44	0.36	1.08	1.44	0.36	
Mason	243.60	99.25	131.04	13.32	9.14	10.58	4.36	36.81	10.58	21.42
Meade	893.71	112.94	777.46	3.31	129.37	128.41	159.35	160.61	128.41	168.02
Mercer	1,117.57	898.40	134.88	84.29	20.80	50.88	1.57	273.59	50.88	166.04
Metcalfe	1,483.64	612.41	866.56	4.67	165.54	184.51	112.63	370.69	184.51	196.46
Monroe	2,400.07	1,329.27	1,039.76	31.05	206.30	299.42	104.16	565.53	299.42	379.64
Montgomery	187.49	52.30	122.07	13.12	9.06	8.17	8.38	29.32	8.17	8.38
Morgan	735.24	309.58	253.72	171.95	45.67	116.71	0.00	138.81	116.71	64.21
Muhlenberg	271.81	23.55	246.74	1.52	34.29	33.80	45.43	42.26	33.80	45.43
Nelson	2,722.51	1,770.04	775.65	176.83	45.22	170.53	141.13	617.05	172.35	388.20
Nicholas	78.28	8.46	69.33	0.49	11.44	26.30	2.30	14.29	26.30	2.30
Ohio	1,699.44	735.52	915.08	48.84	175.90	245.30	108.34	513.59	245.30	237.77
Oldham	128.17	7.57	120.61	1.61	0.81	1.26	4.90	0.81	1.28	
Owen	513.55	299.01	172.94	41.60	26.69	55.32	10.54	75.92	55.32	107.37
Owsley	5.00	1.00	4.00	0.64	0.70	0.98	1.10	0.70	0.98	
Pendleton	71.87	37.08	34.80	6.22	6.30	6.54	23.25	6.30	6.54	
Perry	71.41	0.00	71.41	0.08	0.04	0.06	0.08	0.04	0.06	
Pike	143.99	0.00	143.99	4.06	2.82	2.66	4.06	2.82	2.66	

Distribution of Fertilizer Sales in Kentucky January through March 2019

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 January 2019 through March 2019

County Name	Total Fertilizer	Materials			Multiple Nutrient			All Fertilizer		
		Total Single	Total Multi	All Other	Total N	Total P ₂ O ₅	Total K ₂ O	Total N	Total P ₂ O ₅	Total K ₂ O
Powell	41.50	8.10	33.40	1.34	1.58	1.17	4.10	1.58	2.43	
Pulaski	4,100.46	2,241.55	1,729.94	128.97	291.27	551.61	108.90	699.80	551.61	818.75
Robertson	2.37	0.00	0.00	2.37	0.00	0.00	0.00	0.00	0.00	0.00
Rockcastle	86.26	11.75	61.51	13.00	11.73	11.06	10.14	15.36	11.06	11.94
Rowan	1,108.23	79.94	997.54	30.75	138.81	189.69	126.59	169.64	189.69	128.43
Russell	2,417.49	1,312.79	980.01	124.69	178.49	379.79	40.89	625.55	379.79	181.15
Scott	1,284.79	944.91	324.33	15.55	38.40	14.41	3.37	283.54	14.41	205.34
Shelby	3,598.70	2,251.23	1,297.88	49.59	195.83	343.80	85.75	885.11	343.80	394.41
Simpson	6,474.28	4,140.84	2,261.27	72.17	387.12	891.39	20.17	1,812.77	891.39	481.72
Spencer	51.41	19.98	31.15	0.28	5.22	1.81	3.13	12.10	1.81	3.65
Taylor	2,080.16	697.43	1,299.18	83.55	205.10	296.90	165.58	362.30	296.90	356.59
Todd	9,258.63	7,489.03	1,650.23	119.37	268.53	670.59	80.89	3,977.03	684.77	624.54
Trigg	4,853.96	3,810.87	987.96	55.13	161.14	411.31	13.39	1,437.26	411.31	494.81
Trimble	2.10	0.00	1.00	1.10	0.22	0.00	0.04	0.22	0.00	0.04
Union	8,259.39	4,666.14	3,536.42	56.82	373.13	942.35	626.06	2,701.23	942.35	1,232.63
Warren	8,159.78	4,883.00	3,179.51	97.27	528.38	986.66	140.21	2,183.49	986.66	885.44
Washington	1,514.66	779.13	588.41	147.12	99.99	202.90	8.73	124.10	202.90	407.38
Wayne	1,617.10	1,209.54	396.49	11.07	66.17	141.27	14.81	418.59	141.27	258.20
Webster	1,818.46	983.40	825.87	9.20	84.57	191.60	210.43	363.44	191.60	383.96
Whitley	615.45	143.62	451.66	20.17	59.14	81.33	43.64	84.71	81.33	96.07
Wolfe	26.30	2.00	24.30	2.55	2.88	2.89	3.47	2.88	2.89	
Woodford	482.38	449.60	30.05	2.74	5.04	2.98	2.99	182.22	2.98	40.13
Unknown	1,714.36	458.72	1,103.49	152.15	108.91	2.86	32.10	203.29	2.86	35.38

Explanation of Table Total Fertilizer and Nutrients by County

The columns labeled Material:

- Total Fertilizer - Total tons of ALL fertilizer reported
- Total Single – Tons of fertilizer that have only one N, P or K value. Example: Urea 46-0-0
- Total Multi – Tons of fertilizer with more than one N, P or K value. Example: DAP 18-46-0
- All others - Tons of fertilizer with only secondary, micronutrient, or miscellaneous nutrients

Columns labeled Multiple Nutrient:

- Total N – All nitrogen from multi nutrient products. Examples: the N (nitrogen) values from 10-10-10, 18-46-0
- Total P_2O_5 – All available phosphate from multi nutrient products. Examples: the P (available phosphate) values in 18-46-0, or 13-13-13
- Total K_2O – All soluble potash from multi nutrient products. Examples: the K (soluble potash) values in 9-23-30, or 19-19-19

Columns labeled All Fertilizer:

- Total N – All nitrogen from materials and/or blended product reported
- Total P_2O_5 - All available phosphate from materials and/or blended product reported
- Total K_2O - All soluble potash from materials and/or blended product reported