

Distribution of Fertilizer Sales
In
Kentucky
Fertilizer Year: 2020
January through March 2020

<u>Bagged</u>	<u>10%</u>
<u>Bulk</u>	<u>54%</u>
<u>Liquid</u>	<u>36%</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 2020

INTRODUCTION

This report provides data on fertilizer movement in Kentucky for the period of January through March 2020. 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 2020

Total Fertilizer Summary

Division of Regulatory Services University of Kentucky

January 2020 through March 2020

	Container				Use	
	Total	Bag	Bulk	Liquid	Farm	Nonfarm
Multi-Nutrient	66,513.89	18,549.97	43,601.25	4,362.67	53,383.96	13,129.93
Nitrogen	108,298.50	1,790.38	35,072.92	71,435.20	106,905.81	1,392.69
Phosphate	226.42	9.02	217.39	0.01	226.39	0.03
Potash	32,623.18	309.48	32,087.02	226.69	32,189.86	433.32
Organics	263.64	54.98	202.73	5.93	229.63	34.01
Sec/Micro	1,349.19	949.76	135.59	263.85	981.67	367.53
Miscellaneous	4,694.10	458.60	3,724.97	510.53	4,364.78	329.31
Total	213,968.92	22,122.20	115,041.86	76,804.86	198,282.10	15,686.82

Percentage by container:

Bagged	10.34%
Bulk	53.76%
Liquid	35.90%

Percentage by use:

Farm	92.67%
Non-Farm	7.33%

Distribution of Fertilizer Sales in Kentucky January through March 2020

Historical Total Fertilizer
 Division of Regulatory Services University of Kentucky
Current- January 2020 through March 2020
 Historical - January 2019 through March 2019

	Total		Bag		Container Bulk		Liquid		Farm		Use Non-Farm	
	Historical	Current	Historical	Current	Historical	Current	Historical	Current	Historical	Current	Historical	Current
Multi-Nutrient	86,067.96	66,513.89	19,509.53	18,549.97	63,390.61	43,601.25	3,167.82	4,362.67	70,849.83	53,383.96	15,218.13	13,129.93
Nitrogen	107,537.49	108,298.50	1,852.44	1,790.38	32,951.34	35,072.92	72,733.72	71,435.20	106,267.03	106,905.81	1,270.47	1,392.69
Phosphate	497.95	226.42	10.47	9.02	487.22	217.39	0.25	0.01	497.63	226.39	0.32	0.03
Potash	46,581.41	32,623.18	523.41	309.48	45,948.84	32,087.02	109.16	226.69	46,302.49	32,189.86	278.92	433.32
Organics	179.84	263.64	124.15	54.98	8.20	202.73	47.48	5.93	107.20	229.63	72.64	34.01
Sec/Micro	1,532.11	1,349.19	802.33	949.76	548.93	135.59	180.85	263.85	1,120.77	981.67	411.34	367.53
Miscellaneous	3,882.45	4,694.10	680.03	458.60	2,537.22	3,724.97	665.20	510.53	3,499.06	4,364.78	383.38	329.31
Total	246,279.20	213,968.92	23,502.37	22,122.20	145,872.36	115,041.86	76,904.47	76,804.86	228,644.02	198,282.10	17,635.19	15,686.82

Percentage changed:

Total	-13.12%
Bagged	-5.87%
Bulk	7.33%
Liquid	-0.13%
Farm	-13.28%
Non-Farm	11.05%

Distribution of Fertilizer Sales in Kentucky January through March 2020

Detail Fertilizer Summary

Division of Regulatory Services University of Kentucky

January 2020 through March 2020

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	48.63	48.63	0.00	0.00	0.00	48.63
0	0-0-22	3.70	3.70	0.00	0.00	0.00	3.70
0	0-0-25	0.38	0.00	0.00	0.38	0.00	0.38
0	2-1-6	215.84	0.00	0.00	215.84	215.67	0.17
0	3-18-18	201.45	0.00	0.00	201.45	201.45	0.00
0	6-24-6	347.15	0.00	0.00	347.15	347.15	0.00
0	6-24-24	107.29	107.29	0.00	0.00	103.54	3.75
0	7-0-0	23.13	23.13	0.00	0.00	0.00	23.13
0	9-23-30	1,762.68	63.61	1,699.07	0.00	1,762.68	0.00
0	9-24-3	939.82	0.00	0.00	939.82	939.82	0.00
0	10-10-10	1,375.58	1,349.09	15.78	10.71	1,138.68	236.90
0	10-20-20	346.40	333.40	13.00	0.00	346.40	0.00
0	10-26-26	117.15	0.00	117.15	0.00	117.15	0.00
0	12-0-0	0.77	0.00	0.00	0.77	0.00	0.77
0	12-12-12	653.48	653.48	0.00	0.00	596.60	56.88
0	13-0-0	387.55	387.55	0.00	0.00	0.00	387.55
0	14-0-4	250.00	235.00	15.00	0.00	0.00	250.00
0	15-0-0	110.23	110.23	0.00	0.00	0.00	110.23
0	15-15-15	111.46	111.46	0.00	0.00	111.46	0.00
0	17-17-17	362.53	23.00	339.53	0.00	362.53	0.00
0	19-0-5	147.51	147.51	0.00	0.00	0.00	147.51
0	19-19-19	4,758.23	2,846.89	1,911.34	0.00	4,755.55	2.68
0	20-10-10	107.84	107.84	0.00	0.00	102.98	4.86
0	20.5-0-0	58.71	0.00	58.71	0.00	58.71	0.00
0	24-0-6	125.90	125.90	0.00	0.00	0.00	125.90
0	25-0-5	889.55	889.55	0.00	0.00	0.00	889.55
0	27-13-13	129.44	13.00	116.44	0.00	129.44	0.00
0	28-0-3	514.94	514.94	0.00	0.00	0.00	514.94
0	29-0-0	429.44	0.00	0.00	429.44	429.44	0.00
0	30-0-0	18.51	0.00	18.51	0.00	18.51	0.00
2	82-0-0	7,742.17	0.00	69.25	7,672.92	7,742.17	0.00
10	33.5-0-0	1,873.36	0.00	1,873.36	0.00	1,873.36	0.00
10	34-0-0	722.22	174.54	547.68	0.00	631.31	90.91
24	20.5-0-0	315.20	0.00	315.20	0.00	315.20	0.00
24	21-0-0	2,431.29	71.98	2,352.30	7.01	2,376.89	54.40

Distribution of Fertilizer Sales in Kentucky January through March 2020

Detail Fertilizer Summary

Division of Regulatory Services University of Kentucky

January 2020 through March 2020

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

Code	Grade	Total	Bag	Bulk	Liquid	Farm	Non-Farm
29	33.5-0-0	0.10	0.10	0.00	0.00	0.10	0.00
31	12-0-0	1,342.25	0.00	115.84	1,226.41	1,333.49	8.76
43	15-0-0	0.03	0.03	0.00	0.00	0.03	0.00
56	12-0-0	500.00	0.00	0.00	500.00	500.00	0.00
56	15-0-0	19.70	0.00	0.00	19.70	0.00	19.70
58	28-0-0	17,463.28	0.00	20.24	17,443.04	17,388.28	75.00
59	30-0-0	2,015.86	0.00	0.00	2,015.86	2,013.63	2.23
60	32-0-0	32,289.84	0.00	134.96	32,154.88	32,262.09	27.75
66	46-0-0	28,726.34	511.27	28,215.07	0.00	28,461.14	265.20
97	7-0-0	377.00	0.00	0.00	377.00	377.00	0.00
97	12-0-0	0.11	0.11	0.00	0.00	0.00	0.11
97	13-0-0	66.00	66.00	0.00	0.00	0.00	66.00
97	15-0-0	0.22	0.00	0.00	0.22	0.00	0.22
97	26-0-0	986.19	0.00	0.00	986.19	986.19	0.00
97	28-0-0	12.06	0.00	12.06	0.00	12.06	0.00
97	29-0-0	633.70	0.00	0.00	633.70	633.70	0.00
97	30-0-0	109.59	0.00	109.59	0.00	109.59	0.00
203	18-46-0	22,072.76	86.90	21,985.86	0.00	21,975.92	96.84
209	11-52-0	217.55	0.00	217.55	0.00	217.55	0.00
249	10-34-0	567.47	0.00	0.00	567.47	567.47	0.00
267	0-46-0	192.60	9.00	183.60	0.00	192.60	0.00
408	0-0-7	33.78	33.78	0.00	0.00	0.00	33.78
428	0-0-0	152.26	0.00	152.26	0.00	152.26	0.00
428	0-0-60	28,573.45	76.82	28,496.63	0.00	28,339.17	234.28
443	0-0-22	1,020.87	3.61	1,016.16	1.11	1,019.89	0.98
463	0-0-50	1,681.92	28.83	1,653.10	0.00	1,676.05	5.88
497	0-0-7	43.07	43.07	0.00	0.00	0.00	43.07
497	0-0-25	105.01	2.94	0.00	102.07	101.94	3.07
601	12-0-0	0.13	0.13	0.00	0.00	0.00	0.13
649	0-0-0	12.33	12.33	0.00	0.00	0.00	12.33
697	12-0-0	0.13	0.13	0.00	0.00	0.00	0.13
698	0-0-0	52.73	0.00	52.73	0.00	52.73	0.00
702	0-0-0	5.20	0.00	5.20	0.00	5.20	0.00
706	0-0-0	87.75	68.58	2.50	16.68	87.75	0.00
706	15-0-0	14.00	14.00	0.00	0.00	14.00	0.00
716	0-0-0	2.50	2.50	0.00	0.00	2.50	0.00

Distribution of Fertilizer Sales in Kentucky January through March 2020

Detail Fertilizer Summary

Division of Regulatory Services University of Kentucky

January 2020 through March 2020

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

Code	Grade	Total	Bag	Bulk	Liquid	Farm	Non-Farm
722	0-0-0	0.52	0.00	0.00	0.52	0.52	0.00
728	0-0-0	126.00	126.00	0.00	0.00	0.00	126.00
730	0-0-0	0.92	0.74	0.00	0.19	0.92	0.00
731	0-0-0	0.30	0.30	0.00	0.00	0.30	0.00
732	0-0-0	79.52	3.92	73.27	2.33	73.27	6.25
733	0-0-0	4.29	0.00	0.00	4.29	4.29	0.00
734	0-0-0	11.61	0.00	0.00	11.61	11.37	0.24
742	0-0-0	6.83	2.83	4.00	0.00	6.83	0.00
744	0-0-0	0.18	0.08	0.10	0.00	0.10	0.08
745	0-0-0	1.00	0.00	0.00	1.00	1.00	0.00
749	0-0-0	1.73	0.00	0.00	1.73	1.73	0.00
750	0-0-0	1.25	1.25	0.00	0.00	1.25	0.00
754	0-0-0	54.31	49.80	0.00	4.51	49.80	4.51
764	0-0-0	2.65	0.65	1.00	1.00	1.01	1.64
765	0-0-0	3.05	1.00	0.00	2.05	3.05	0.00
766	0-0-0	138.49	126.63	0.00	11.86	11.86	126.63
767	0-0-0	102.09	102.09	0.00	0.00	0.00	102.09
770	0-0-0	238.45	227.34	10.01	1.10	238.45	0.00
773	0-0-0	0.46	0.46	0.00	0.00	0.46	0.00
778	0-0-0	0.03	0.00	0.03	0.00	0.03	0.00
780	0-0-0	83.61	45.65	37.96	0.00	83.61	0.00
782	0-0-0	39.10	34.86	0.25	3.99	39.10	0.00
784	0-0-0	83.90	0.15	0.00	83.75	83.90	0.00
797	0-0-0	240.05	140.94	1.28	97.84	239.96	0.09
798	0-0-0	13.26	0.00	0.00	13.26	13.26	0.00
978	0-0-0	4,694.10	458.60	3,724.97	510.53	4,364.78	329.31

Distribution of Fertilizer Sales in Kentucky January through March 2020

Detail Fertilizer Summary
Division of Regulatory Services University of Kentucky
January 2020 through March 2020

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

Total	172,935.44
Bagged	10,625.07
Bulk	95,689.00
Liquid	66,621.38
Farm	168,390.35
Non-Farm	4,545.10

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

Total	26,782.05
Bagged	9,653.82
Bulk	8,748.82
Liquid	8,379.41
Farm	16,785.00
Non-Farm	9,997.04

Totals for grades with less than 100 tons:

Total	16,441.97
Bagged	4,033.84
Bulk	10,604.05
Liquid	1,804.08
Farm	13,106.76
Non-Farm	3,335.22

Grand totals for all:

Total	213,968.93
Bagged	22,122.20
Bulk	115,041.86
Liquid	76,804.86
Farm	198,282.10
Non-Farm	15,686.82

Distribution of Fertilizer Sales in Kentucky January through March 2020

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

January 2020 through March 2020

County Name	32-0-0	46-0-0	0-0-60	18-46-0	28-0-0
Adair	48.45	789.69	877.06	664.74	0.00
Allen	269.83	766.01	390.20	457.63	57.03
Anderson	3.86	33.36	1.23	0.00	0.00
Ballard	2,972.07	19.60	1,020.58	572.62	536.36
Barren	225.49	3,148.63	1,312.99	945.54	428.22
Bath	0.00	244.30	186.46	147.49	24.85
Bell	0.00	0.00	0.00	0.00	0.00
Boone	0.00	21.00	4.00	0.00	0.00
Bourbon	0.00	14.00	165.00	214.00	73.78
Boyd	0.00	176.34	99.21	1.05	0.00
Boyle	0.01	273.06	159.80	30.11	22.00
Bracken	0.00	2.00	0.00	0.00	0.00
Breathitt	0.00	0.00	0.00	0.00	0.00
Breckinridge	124.99	1,003.36	1,068.92	1,009.70	351.50
Bullitt	0.00	21.85	0.00	0.00	75.12
Butler	25.00	362.94	309.99	538.73	0.00
Caldwell	52.20	107.32	74.72	92.58	635.75
Calloway	1,294.70	157.19	161.59	136.80	498.48
Campbell	0.00	54.20	14.00	6.15	0.00
Carlisle	1,263.71	168.51	124.50	154.42	0.00
Carroll	0.00	0.00	0.00	0.00	0.00
Carter	0.00	105.08	58.96	77.89	0.00
Casey	0.00	475.83	398.20	266.07	0.00
Christian	4,152.29	730.90	956.46	873.83	3,422.36
Clark	24.91	122.01	27.31	30.29	0.00
Clay	0.00	0.00	0.00	0.00	0.00
Clinton	0.00	576.56	457.65	561.98	0.00
Crittenden	75.08	0.00	0.00	0.00	174.85
Cumberland	3.90	141.35	87.12	57.92	0.00
Daviess	470.77	488.65	998.81	484.88	921.39
Edmonson	177.87	0.00	0.00	0.00	35.53
Elliott	0.00	0.00	0.00	0.00	0.00
Estill	0.00	11.50	0.00	1.50	0.00
Fayette	0.00	210.06	26.36	2.86	0.00
Fleming	0.00	211.63	71.92	103.72	0.00
Floyd	0.00	0.00	0.60	0.00	0.00
Franklin	0.00	9.28	3.15	0.00	0.00

Distribution of Fertilizer Sales in Kentucky January through March 2020

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

January 2020 through March 2020

County Name	32-0-0	46-0-0	0-0-60	18-46-0	28-0-0
Fulton	1,199.44	6.87	294.57	96.16	787.24
Gallatin	25.14	103.10	0.00	101.46	0.00
Garrard	0.00	131.05	22.22	5.22	0.00
Grant	0.00	4.00	0.00	0.00	0.00
Graves	2,113.52	49.18	187.85	141.07	1,264.63
Grayson	0.00	151.65	111.24	77.45	0.00
Green	0.00	422.02	51.82	17.33	0.00
Greenup	0.00	0.00	0.00	0.00	0.00
Hancock	24.99	57.97	37.47	37.59	0.00
Hardin	191.67	376.69	84.53	125.17	299.33
Harlan	0.00	0.17	1.55	1.13	0.00
Harrison	0.00	737.61	323.41	126.82	25.27
Hart	8.52	253.73	656.52	117.42	149.44
Henderson	99.80	90.13	2,058.93	175.07	24.96
Henry	0.00	626.01	582.69	201.91	78.15
Hickman	711.90	44.48	102.53	102.54	1,269.97
Hopkins	197.92	3.95	280.64	27.01	0.00
Jackson	0.00	5.00	0.00	0.00	0.00
Jefferson	0.00	54.68	5.17	3.91	22.17
Jessamine	0.00	4.00	1.00	0.00	0.00
Johnson	0.00	2.00	0.00	0.00	0.00
Kenton	0.00	0.18	0.00	0.00	0.00
Knott	0.00	0.00	0.00	0.00	0.00
Knox	0.00	175.29	0.00	0.00	0.00
Larue	198.89	439.67	414.52	333.33	75.09
Laurel	0.00	217.55	209.28	336.30	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	705.05	609.04	800.07	0.00
Lincoln	578.20	1,729.34	1,549.42	1,149.37	75.67
Livingston	50.00	16.86	0.53	6.67	132.75
Logan	1,579.75	523.82	543.13	623.49	1,489.89
Lyon	2,161.00	191.30	1,437.02	1,205.41	628.59
McCracken	324.31	60.72	19.05	15.26	0.00
McCreary	0.00	7.99	7.01	3.68	0.00

Distribution of Fertilizer Sales in Kentucky January through March 2020

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

January 2020 through March 2020

County Name	32-0-0	46-0-0	0-0-60	18-46-0	28-0-0
McLean	4,117.64	127.61	1,727.09	478.09	50.04
Madison	7.08	265.23	170.35	59.97	0.00
Magoffin	0.00	0.00	0.00	0.00	0.00
Marion	136.42	898.43	441.18	365.51	86.17
Marshall	199.95	4.88	127.79	178.76	409.02
Martin	0.00	0.00	0.00	0.00	0.00
Mason	50.24	119.01	48.86	20.06	604.15
Meade	24.16	4.38	0.00	0.13	36.82
Menifee	0.00	0.00	0.00	0.00	0.00
Mercer	0.01	597.11	253.96	88.10	0.00
Metcalfe	0.00	318.84	112.40	125.86	15.93
Monroe	0.00	572.15	323.87	351.42	23.83
Montgomery	0.00	6.00	0.00	0.00	0.00
Morgan	0.00	284.31	132.19	276.84	0.00
Muhlenberg	208.70	0.00	0.00	1.26	0.28
Nelson	0.00	834.07	389.80	100.40	12.01
Nicholas	0.00	49.07	54.21	24.74	0.00
Ohio	0.00	100.69	286.56	444.84	50.00
Oldham	0.00	0.08	0.00	101.47	0.00
Owen	0.00	250.15	56.80	73.85	0.00
Owsley	0.00	0.00	1.00	0.00	0.00
Pendleton	0.00	0.00	0.00	67.54	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	1.00	0.00	0.00
Pulaski	32.04	632.60	648.59	333.30	20.24
Robertson	33.12	0.00	12.00	0.00	0.00
Rockcastle	0.00	0.00	3.00	1.50	0.00
Rowan	0.00	22.00	4.00	66.00	0.00
Russell	0.00	34.98	32.93	2.42	0.00
Scott	73.70	263.06	252.34	83.38	99.27
Shelby	253.47	321.03	760.81	366.30	194.84
Simpson	1,416.83	1,034.49	751.42	826.73	202.20
Spencer	0.00	98.29	73.75	52.18	0.00
Taylor	0.00	516.48	267.13	379.83	0.00
Todd	1,859.48	300.57	297.92	310.74	407.01
Trigg	470.92	373.68	164.54	160.66	136.54

Distribution of Fertilizer Sales in Kentucky January through March 2020

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky
January 2020 through March 2020

County Name	32-0-0	46-0-0	0-0-60	18-46-0	28-0-0
Trimble	0.00	0.00	0.00	0.00	0.00
Union	74.47	335.90	84.07	1,092.74	323.70
Warren	1,718.11	899.51	839.48	932.36	665.11
Washington	75.76	652.97	751.90	588.64	434.67
Wayne	200.00	568.65	367.96	586.22	110.79
Webster	687.60	73.80	185.18	178.82	0.00
Whitley	0.00	52.50	100.83	78.61	0.00
Wolfe	0.00	1.00	0.00	0.00	0.00
Woodford	0.00	468.58	192.87	0.00	12.36
Unknown	0.00	6.03	7.80	10.18	0.00
Totals	32,289.84	28,726.34	28,573.45	22,072.76	17,475.34

Distribution of Fertilizer Sales in Kentucky January through March 2020

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

January 2020 through March 2020

County Name	82-0-0	19-19-19	25-0-0	.21-.11-.16	21-0-0
Adair	0.00	172.20	0.00	7.87	43.20
Allen	0.00	12.33	0.00	11.53	76.74
Anderson	0.00	4.00	0.00	11.73	0.00
Ballard	96.62	0.00	0.00	0.00	227.77
Barren	138.98	26.15	0.00	39.86	44.37
Bath	0.00	16.80	0.00	5.01	23.74
Bell	0.00	0.40	0.00	28.43	0.00
Boone	0.00	0.00	0.00	79.44	1.70
Bourbon	0.00	1.05	0.00	5.57	6.02
Boyd	0.00	34.65	0.00	56.89	0.00
Boyle	0.00	18.15	0.00	38.77	14.61
Bracken	0.00	1.05	0.00	0.00	0.00
Breathitt	0.00	1.05	0.00	7.44	0.00
Breckinridge	0.00	10.65	0.00	4.18	0.00
Bullitt	0.00	2.00	0.00	28.01	0.00
Butler	0.00	0.00	0.00	11.60	25.48
Caldwell	13.70	1.00	0.00	8.11	183.97
Calloway	0.00	0.00	0.00	25.12	8.07
Campbell	0.00	87.75	0.00	42.25	0.35
Carlisle	38.41	0.00	0.00	0.00	0.00
Carroll	0.00	0.00	0.00	7.31	0.00
Carter	0.00	144.20	0.00	5.73	1.02
Casey	0.00	180.99	0.00	3.14	4.63
Christian	782.04	11.25	3,479.57	426.39	59.51
Clark	0.00	13.05	0.00	21.20	0.00
Clay	0.00	5.00	0.00	14.51	0.00
Clinton	0.00	85.54	0.00	1.79	0.25
Crittenden	0.00	0.00	0.00	0.00	0.00
Cumberland	0.00	11.23	0.00	0.00	0.10
Daviess	899.29	171.19	0.00	85.86	3.02
Edmonson	0.00	8.00	0.00	18.41	0.00
Elliott	0.00	0.00	0.00	0.00	0.00
Estill	0.00	6.00	0.00	3.56	0.00
Fayette	0.00	4.65	0.00	136.29	0.00
Fleming	0.00	0.00	0.00	1.87	8.48
Floyd	0.00	6.00	0.00	6.09	0.00
Franklin	0.00	2.10	0.00	38.54	0.00

Distribution of Fertilizer Sales in Kentucky January through March 2020

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

January 2020 through March 2020

County Name	82-0-0	19-19-19	25-0-0	.21-.11-.16	21-0-0
Fulton	39.33	0.00	0.00	2.34	21.45
Gallatin	0.00	3.15	0.00	1.36	51.27
Garrard	0.00	37.44	0.00	0.00	1.24
Grant	0.00	8.00	0.00	13.77	0.00
Graves	0.00	46.96	1.35	26.32	61.85
Grayson	0.00	27.00	0.00	23.10	24.87
Green	0.00	15.28	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	8.72
Hardin	456.14	41.38	0.00	84.37	50.88
Harlan	0.00	0.00	0.00	11.29	0.00
Harrison	0.00	17.40	0.00	6.03	29.65
Hart	911.99	5.83	0.00	12.88	25.49
Henderson	160.81	3.13	0.00	27.45	181.94
Henry	56.93	26.25	0.00	0.00	0.00
Hickman	0.00	0.00	0.00	0.00	46.11
Hopkins	56.98	0.00	0.00	42.63	0.00
Jackson	0.00	40.15	0.00	4.63	0.00
Jefferson	0.00	69.01	0.00	236.26	2.38
Jessamine	0.00	3.00	0.00	24.33	0.00
Johnson	0.00	13.25	0.00	20.66	0.00
Kenton	0.00	0.00	0.00	38.57	0.00
Knott	0.00	0.00	0.00	0.00	0.00
Knox	0.00	7.00	0.00	3.70	0.00
Larue	0.00	8.40	0.00	8.29	251.68
Laurel	0.00	66.50	0.00	23.58	48.77
Lawrence	0.00	0.00	0.00	5.11	0.00
Lee	0.00	0.00	0.00	0.00	0.00
Leslie	0.00	1.10	0.00	0.00	0.00
Letcher	0.00	3.23	0.00	5.16	0.00
Lewis	0.00	988.00	0.00	0.00	0.00
Lincoln	0.00	115.72	0.00	3.75	80.54
Livingston	0.00	0.00	0.00	0.00	0.00
Logan	415.69	11.50	0.00	17.55	145.32
Lyon	0.00	0.00	0.00	21.82	0.00
McCracken	0.00	0.00	0.00	65.70	52.25
McCreary	0.00	20.77	0.00	0.00	0.00

Distribution of Fertilizer Sales in Kentucky January through March 2020

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

January 2020 through March 2020

County Name	82-0-0	19-19-19	25-0-0	.21-.11-.16	21-0-0
McLean	193.13	0.00	0.00	0.00	18.65
Madison	0.00	123.31	0.00	50.60	1.20
Magoffin	0.00	4.00	0.00	0.00	0.00
Marion	0.00	6.00	0.00	6.93	94.68
Marshall	3.21	0.00	3.85	17.26	0.01
Martin	0.00	0.40	0.00	0.00	0.00
Mason	0.00	0.00	0.00	30.12	2.38
Meade	604.02	14.46	0.00	17.75	0.00
Menifee	0.00	0.00	0.00	0.00	0.00
Mercer	0.00	6.85	0.00	6.24	1.65
Metcalfe	0.00	310.67	0.00	0.00	6.35
Monroe	0.00	200.23	0.00	4.68	62.19
Montgomery	0.00	12.00	0.00	29.09	0.00
Morgan	0.00	98.00	0.00	0.00	0.00
Muhlenberg	0.00	0.00	0.00	36.81	0.00
Nelson	0.00	24.00	0.00	31.74	0.00
Nicholas	0.00	3.15	0.00	0.00	0.00
Ohio	20.16	22.00	0.00	13.18	48.49
Oldham	0.00	0.00	0.00	30.01	0.00
Owen	0.00	23.10	0.00	0.00	0.00
Owsley	0.00	1.00	0.00	0.00	0.00
Pendleton	0.00	0.00	0.00	0.00	0.00
Perry	0.00	0.00	0.00	24.00	0.00
Pike	0.00	4.00	0.00	38.25	0.00
Powell	0.00	13.00	0.00	10.20	0.00
Pulaski	0.00	294.69	0.00	33.81	10.40
Robertson	0.00	0.00	0.00	0.00	0.00
Rockcastle	0.00	16.60	0.00	0.00	0.00
Rowan	0.00	244.00	0.00	16.56	3.00
Russell	0.00	78.79	0.00	0.00	0.00
Scott	0.00	1.05	0.00	43.50	0.00
Shelby	32.43	69.00	0.00	24.14	1.02
Simpson	176.64	1.00	0.00	13.89	113.45
Spencer	20.49	0.13	0.00	3.18	0.00
Taylor	0.00	70.92	0.00	25.98	32.68
Todd	871.66	9.45	0.00	0.00	31.63
Trigg	0.00	0.00	0.00	2.34	0.00

Distribution of Fertilizer Sales in Kentucky January through March 2020

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky
January 2020 through March 2020

County Name	82-0-0	19-19-19	25-0-0	.21-.11-.16	21-0-0
Trimble	0.00	0.00	0.00	0.00	0.00
Union	1,114.77	10.50	0.00	4.16	110.02
Warren	228.85	165.15	0.00	69.25	49.23
Washington	0.00	5.25	0.00	0.00	25.53
Wayne	0.00	54.36	0.00	14.54	1.30
Webster	409.90	0.00	0.00	0.00	0.00
Whitley	0.00	244.25	0.00	30.94	0.00
Wolfe	0.00	2.00	0.00	5.10	0.00
Woodford	0.00	7.05	0.00	0.00	0.03
Unknown	0.00	0.00	0.00	0.00	0.00

Distribution of Fertilizer Sales in Kentucky January through March 2020

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 January 2020 through March 2020

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	3,028.80	1,874.23	1,130.32	24.25	175.64	391.89	93.22	593.31	391.89	619.46
Allen	2,324.07	1,573.39	534.10	216.57	90.14	218.57	8.69	568.07	224.80	252.11
Anderson	125.14	43.45	55.44	26.25	2.03	1.97	1.98	18.61	1.97	3.06
Ballard	6,000.51	5,369.01	626.95	4.56	108.47	275.27	6.86	1,474.31	304.73	619.70
Barren	7,658.37	5,556.89	1,888.38	213.11	316.75	550.59	167.49	2,148.11	550.59	955.28
Bath	667.09	485.65	178.66	2.78	30.84	71.91	4.09	157.30	71.91	115.97
Bell	90.19	3.00	87.18	0.01	0.75	0.26	0.53	1.89	0.26	0.53
Boone	1,019.12	41.07	961.86	16.20	133.27	8.28	34.55	144.40	8.28	40.15
Bourbon	583.05	293.99	278.45	10.62	43.24	105.91	6.06	77.53	108.67	111.30
Boyd	1,020.28	480.05	282.70	257.53	26.11	14.99	16.87	107.24	15.00	121.24
Boyle	712.83	507.02	198.62	7.18	20.85	21.59	10.05	159.17	21.59	118.17
Bracken	5.47	2.00	3.47	0.46	0.48	0.45	1.38	0.48	0.45	
Breathitt	51.85	1.00	50.62	0.23	2.29	2.85	2.88	2.64	2.85	2.88
Breckinridge	4,853.85	2,785.74	2,001.42	66.69	314.99	656.89	172.12	943.54	656.89	877.03
Bullitt	523.53	102.70	337.24	83.60	25.21	20.35	23.16	56.83	20.35	23.28
Butler	1,424.02	748.71	651.41	23.90	105.96	266.33	7.60	286.26	266.33	206.24
Caldwell	2,803.70	2,603.87	166.25	33.58	21.53	55.63	2.75	829.51	55.63	47.58
Calloway	3,533.56	2,902.04	605.77	25.75	54.66	122.79	31.13	906.96	122.87	129.02
Campbell	376.36	76.79	249.60	49.97	23.77	24.01	23.38	50.53	24.01	31.97
Carlisle	1,936.15	1,677.67	258.45	0.03	39.58	91.98	29.78	558.39	109.20	104.48
Carroll	33.43	0.00	33.43	0.57	0.56	0.51	0.57	0.56	0.51	
Carter	507.13	165.44	317.87	23.82	48.39	72.18	36.26	96.94	72.18	71.67
Casey	1,903.02	928.62	929.72	44.68	152.92	168.64	40.85	390.99	168.64	279.77

Distribution of Fertilizer Sales in Kentucky January through March 2020

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 January 2020 through March 2020

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
Christian	19,587.68	15,652.94	3,779.64	155.10	405.80	745.13	198.23	4,985.86	745.14	853.97
Clark	479.52	272.94	134.17	72.41	13.90	19.28	5.85	78.13	19.28	24.80
Clay	58.51	6.25	51.04	1.22	3.50	3.93	4.20	5.63	3.93	4.20
Clinton	1,808.88	1,076.09	730.29	2.50	132.95	286.19	27.68	412.35	286.19	302.27
Crittenden	292.38	250.93	36.46	4.99	3.88	6.68	2.68	76.93	6.68	2.68
Cumberland	338.16	240.43	89.23	8.51	14.14	31.23	5.05	82.88	31.23	57.45
Daviess	8,381.43	5,478.64	2,716.80	185.99	280.38	584.70	507.10	1,938.84	584.70	1,371.23
Edmonson	285.48	213.40	72.08	5.36	8.62	10.12	72.23	8.62	10.12	
Estill	30.47	14.13	16.34	1.62	1.94	1.27	6.91	1.94	1.27	
Fayette	1,657.15	401.91	1,186.81	68.44	170.12	9.31	39.21	280.76	9.32	59.99
Fleming	763.12	456.91	143.03	163.18	22.05	52.57	4.47	127.17	52.57	132.57
Floyd	49.02	0.99	48.03	3.87	3.19	3.19	3.90	3.19	3.55	
Franklin	342.98	18.45	275.01	49.53	9.43	3.55	3.90	13.73	3.55	6.18
Fulton	4,369.70	2,528.76	129.53	1,711.41	25.29	47.16	2.76	696.76	84.86	179.50
Gallatin	398.24	211.85	130.56	55.83	21.11	49.94	2.25	90.20	49.94	14.22
Garrard	281.96	178.33	99.89	3.75	11.42	10.99	7.52	72.63	10.99	20.85
Grant	62.29	4.35	56.73	1.21	2.89	2.83	2.59	4.77	2.83	2.59
Graves	4,635.02	3,998.90	578.18	57.95	87.65	136.47	75.47	1,229.60	136.47	188.22
Grayson	1,499.25	960.95	538.11	0.18	71.71	98.41	94.25	347.55	98.41	161.05
Green	776.03	666.28	101.94	7.81	17.09	21.33	14.01	261.24	21.33	48.56
Greenup	3.81	3.20	0.61	0.09	0.01	0.04	0.54	0.01	0.05	
Hancock	194.22	130.25	62.62	1.35	9.28	22.25	1.28	45.83	22.25	23.76

Distribution of Fertilizer Sales in Kentucky January through March 2020

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 January 2020 through March 2020

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
Hardin	6,692.07	3,182.79	3,401.58	107.70	465.68	578.36	641.25	1,560.72	588.83	801.22
Harlan	47.96	2.32	45.64	1.00	1.54	1.03	1.26	1.54	1.96	
Harrison	1,840.06	1,495.41	326.68	17.97	43.61	76.35	9.24	414.33	76.35	361.09
Hart	2,744.72	2,207.90	466.02	70.80	81.47	92.54	54.27	1,055.33	92.54	449.01
Henderson	4,524.90	3,180.69	1,288.94	55.27	119.60	308.01	110.02	387.59	308.01	1,527.25
Henry	1,738.18	1,348.86	364.97	24.35	63.33	102.66	8.65	421.31	102.66	358.27
Hickman	3,388.10	2,470.77	460.94	456.40	53.45	130.47	82.73	763.98	130.47	144.25
Hopkins	1,781.57	1,314.71	392.74	74.12	36.97	104.65	17.13	368.18	109.60	185.62
Jackson	137.93	9.01	127.48	1.44	15.75	19.45	19.45	18.39	19.45	19.45
Jefferson	3,607.74	355.64	3,242.24	9.86	384.46	234.14	233.73	453.84	234.14	239.83
Jessamine	156.12	50.30	105.54	0.29	6.26	2.13	2.76	13.20	2.13	4.05
Johnson	114.57	3.63	110.00	0.94	6.15	8.01	8.03	7.62	8.01	8.03
Kenton	277.18	25.53	243.90	7.76	28.20	3.26	8.65	29.99	3.28	9.91
Knott	5.19	2.13	3.00	0.06	0.02	0.00	0.00	0.34	0.00	0.00
Knox	314.12	231.01	57.78	25.33	5.26	15.26	2.44	87.30	15.26	28.15
Larue	2,155.45	1,501.30	572.38	81.77	83.72	221.97	26.61	425.20	221.97	295.83
Laurel	1,000.38	486.09	511.02	3.27	78.16	171.75	17.69	190.60	171.75	143.47
Lawrence	28.47	0.29	25.83	2.36	0.20	0.09	0.33	0.23	0.09	0.33
Leslie	6.68	1.03	5.65	0.56	0.73	0.73	0.91	0.73	0.73	
Letcher	47.63	2.78	44.85	4.19	2.91	3.70	4.96	2.91	3.83	
Lewis	3,726.97	1,314.28	2,412.20	0.49	403.55	672.38	291.93	727.87	672.38	657.41
Lincoln	5,846.44	4,314.16	1,322.31	209.96	232.70	556.54	27.80	1,290.10	556.54	1,001.53
Livingston	844.58	627.22	196.71	20.65	19.85	34.38	16.77	193.13	34.38	17.09

Distribution of Fertilizer Sales in Kentucky January through March 2020

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 January 2020 through March 2020

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
Logan	8,422.97	5,875.77	2,426.09	121.11	304.44	510.56	173.10	2,056.72	510.60	589.64
Lyon	5,818.71	4,567.25	1,251.40	0.07	217.35	554.77	0.21	1,173.78	554.77	894.02
McCracken	894.91	501.63	357.84	35.44	31.74	21.92	13.90	180.69	21.92	25.74
McCreary	43.00	15.00	27.00	1.00	4.96	5.99	4.30	8.64	5.99	8.51
McLean	7,338.54	6,545.90	760.09	32.56	120.59	260.03	38.81	1,759.32	260.04	1,075.07
Madison	990.62	493.05	451.79	45.79	50.52	60.72	32.52	177.06	60.72	135.47
Magoffin	27.11	2.08	23.00	2.04	3.68	2.78	2.78	4.39	2.78	2.78
Marion	2,956.89	1,986.32	961.79	8.77	166.80	287.27	82.34	756.79	287.27	356.44
Marshall	1,213.61	896.40	316.89	0.32	43.96	98.46	17.62	265.91	98.46	94.41
Martin	0.40	0.00	0.40	0.08	0.08	0.08	0.08	0.08	0.08	
Mason	1,103.50	912.73	160.38	30.39	11.58	20.50	11.39	252.06	20.50	85.74
Meade	3,065.93	955.70	2,109.97	0.26	353.77	316.87	410.83	953.23	316.87	410.83
Menifee	2.03	0.00	2.03	0.01	0.01	0.00	0.01	0.01	0.00	
Mercer	1,055.28	869.44	148.46	37.38	20.90	44.17	3.77	298.50	44.21	156.23
Metcalfe	1,104.21	555.84	540.99	7.38	103.30	132.77	75.27	290.75	132.77	142.71
Monroe	1,864.02	1,067.31	766.53	30.19	145.12	224.84	64.28	450.99	224.84	258.60
Montgomery	111.88	9.13	102.75	3.34	3.22	3.39	7.15	3.22	3.40	
Morgan	935.19	417.10	386.65	131.44	69.81	147.45	20.31	200.69	147.45	99.63
Muhlenberg	303.22	219.93	82.99	0.30	5.88	3.86	3.61	74.07	3.86	3.61
Nelson	1,634.55	1,328.62	257.04	48.90	28.49	55.68	9.73	428.68	55.68	269.28
Nicholas	158.76	111.68	42.69	4.39	6.45	13.76	2.21	31.88	13.76	34.73
Ohio	1,530.39	565.66	961.32	3.42	153.80	285.09	83.06	241.19	285.09	284.35
Oldham	249.03	22.84	225.19	1.00	22.77	48.56	2.66	29.50	48.60	2.72

Distribution of Fertilizer Sales in Kentucky January through March 2020

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 January 2020 through March 2020

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
Owen	511.00	318.92	126.46	65.62	21.06	40.78	7.10	139.35	40.78	41.18
Owsley	4.00	1.00	3.00	0.65	0.19	0.79	0.65	0.19	1.39	
Pendleton	86.51	14.81	71.58	0.11	12.78	31.08	0.24	15.81	31.08	0.24
Perry	77.30	0.00	77.30	0.22	0.17	0.19	0.22	0.17	0.19	
Pike	117.58	1.02	116.57	4.32	2.48	2.98	4.68	2.48	2.98	
Powell	26.95	1.00	25.95	3.26	2.59	2.60	3.26	2.59	3.20	
Pulaski	2,639.34	1,441.97	1,046.43	150.94	169.62	256.62	107.15	507.56	256.62	496.91
Robertson	45.35	45.12	0.00	0.23	0.00	0.00	0.00	10.60	0.00	7.20
Rockcastle	39.45	9.55	29.90	4.39	4.82	4.15	6.11	4.82	5.95	
Rowan	895.02	56.00	837.64	1.38	111.32	158.32	116.15	130.07	159.70	118.55
Russell	257.73	70.50	165.98	21.25	24.23	32.18	31.95	41.20	32.18	51.71
Scott	1,130.39	696.50	409.25	24.64	50.99	42.88	3.26	224.31	42.88	154.72
Shelby	3,334.60	1,872.86	1,441.34	20.41	186.92	324.92	168.47	574.50	324.92	625.37
Simpson	5,316.86	4,067.76	1,198.98	50.12	205.31	392.29	15.89	1,465.30	392.29	466.76
Spencer	540.38	270.65	269.74	42.96	67.70	42.27	131.60	67.70	86.52	
Taylor	2,385.40	953.34	1,350.11	81.95	250.36	284.47	126.15	544.64	284.47	286.44
Todd	5,001.57	4,339.78	540.24	121.55	85.12	176.75	38.82	1,738.74	177.23	289.96
Trigg	1,705.68	1,458.76	210.58	36.34	31.74	78.52	4.38	480.12	78.52	111.24
Trimble	18.23	0.00	16.84	1.39	3.39	3.69	2.75	3.39	3.69	2.75
Union	4,183.57	2,050.98	2,102.05	30.55	296.66	718.21	180.94	1,503.53	718.25	231.92
Warren	7,063.73	4,831.66	2,201.03	31.03	347.65	581.80	119.82	1,779.29	581.80	658.25
Washington	2,945.02	1,969.69	740.09	235.24	128.88	288.07	5.48	582.70	288.07	468.32
Wayne	2,046.18	1,316.56	721.99	7.63	123.12	286.33	16.66	499.42	286.33	239.94

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					Total N	Total P ₂ O ₅	Total K ₂ O	Total N	Total P ₂ O ₅	Total K ₂ O
Webster	2,130.22	1,356.48	772.95	0.79	91.80	196.91	141.10	681.89	196.91	252.21
Whitley	599.25	162.71	433.57	2.96	63.58	86.83	50.99	90.50	86.83	111.51
Wolfe	18.45	1.00	17.45	0.57	0.69	0.70	1.03	0.69	0.70	
Woodford	762.27	679.31	55.76	27.20	8.41	7.93	8.10	228.01	7.93	124.12
Unknown	758.35	123.83	634.52	9.38	6.71	3.17	25.57	6.71	7.85	