

Distribution of Fertilizer Sales
In
Kentucky
Fertilizer Year: 2020
October through December 2019

<u>Bagged</u>	<u>7%</u>
<u>Bulk</u>	<u>70%</u>
<u>Liquid</u>	<u>23%</u>



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

Table of Contents

Introduction	2
Data Description	2
Total Fertilizer Summary	3
Historical Total Fertilizer	4
Detail Fertilizer Summary	5
Leading Grades By County (1-5).....	8
Leading Grades By County (6-10).....	12
Total Fertilizer And Nutrients By County.....	16

DISTRIBUTION OF FERTILIZER SALES IN KENTUCKY

October through December 2019

INTRODUCTION

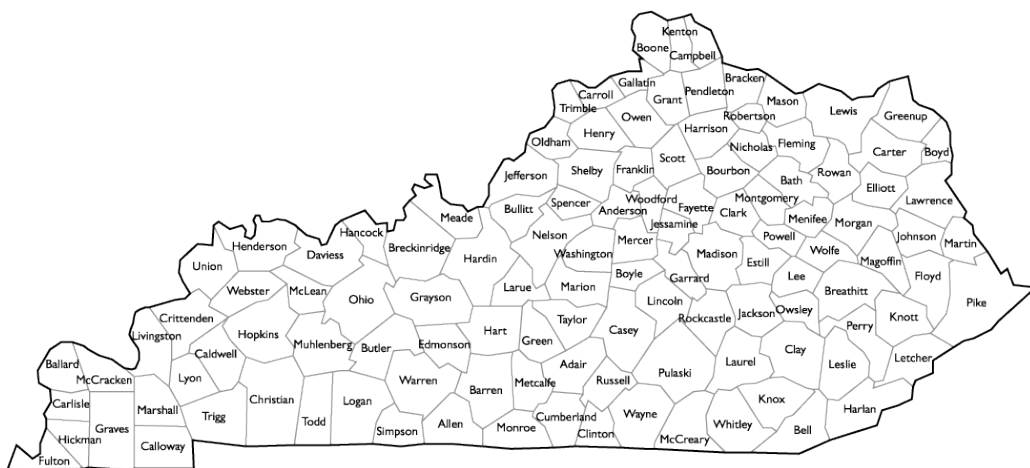
This report provides data on fertilizer movement in Kentucky for the period of October through December 2019. The report shows total distribution for the current period and the previous comparable period; top grades and materials for the state; and, the distribution of total fertilizer and the top 10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

Total Fertilizer Summary

Division of Regulatory Services University of Kentucky
October 2019 through December 2019

	Container				Use	
	Total	Bag	Bulk	Liquid	Farm	Nonfarm
Multi-Nutrient	56,856.53	4,411.21	51,238.78	1,206.54	52,972.54	3,883.99
Nitrogen	31,812.17	593.16	4,141.61	27,077.40	31,486.28	325.90
Phosphate	883.36	11.09	867.26	5.01	878.26	5.10
Potash	30,045.86	3,233.31	26,785.24	27.31	29,635.15	410.71
Organics	85.39	5.81	3.00	76.59	3.00	82.39
Sec/Micro	455.18	248.63	184.87	21.68	331.94	123.24
Miscellaneous	4,488.82	178.93	4,007.85	302.03	4,376.79	112.03
Total	124,627.32	8,682.14	87,228.62	28,716.56	119,683.96	4,943.36

Percentage by container:

Bagged	6.97%
Bulk	69.99%
Liquid	23.04%

Percentage by use:

Farm	96.03%
Non-Farm	3.97%

Distribution of Fertilizer Sales in Kentucky October through December 2019

Historical Total Fertilizer
 Division of Regulatory Services University of Kentucky
Current- October 2020 through December 2019
 Historical – October 2018 through December 2018

	Total		Bag		Container Bulk		Liquid		Farm Use		Non-Farm	
	Historical	Current	Historical	Current	Historical	Current	Historical	Current	Historical	Current	Historical	Current
Multi-Nutrient	51,030.88	56,856.53	4,371.93	4,411.21	45,516.10	51,238.78	1,142.85	1,206.54	47,621.50	52,972.54	3,409.38	3,883.99
Nitrogen	39,107.78	31,812.17	714.71	593.16	10,094.80	4,141.61	28,298.28	27,077.40	36,677.07	31,486.28	2,430.71	325.90
Phosphate	2,308.94	883.36	8.03	11.09	2,300.89	867.26	0.02	5.01	2,308.89	878.26	0.05	5.10
Potash	37,008.47	30,045.86	3,051.59	3,233.31	33,909.55	26,785.24	47.34	27.31	36,840.64	29,635.15	167.83	410.71
Organics	8.52	85.39	4.61	5.81	3.00	3.00	0.92	76.59	3.00	3.00	5.52	82.39
Sec/Micro	511.38	455.18	259.12	248.63	231.29	184.87	20.97	21.68	437.38	331.94	73.99	123.24
Miscellaneous	1,984.41	4,488.82	333.10	178.93	1,607.72	4,007.85	43.58	302.03	1,685.60	4,376.79	298.81	112.03
Total	131,960.38	124,627.32	8,743.09	8,682.14	93,663.34	87,228.62	29,553.95	28,716.56	125,574.09	119,683.96	6,386.29	4,943.36

Percentage changed:

Total	-5.56%
Bagged	-0.70%
Bulk	-6.87%
Liquid	-2.83%
Farm	-4.69%
Non-Farm	-22.59%

Distribution of Fertilizer Sales in Kentucky October through December 2019

Detail Fertilizer Summary

Division of Regulatory Services University of Kentucky

October 2019 through December 2019

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

Code	Grade	Total	Bag	Bulk	Liquid	Farm	Non-Farm
0	3-18-18	106.04	0.00	0.00	106.04	106.04	0.00
0	9-23-30	4,074.52	0.00	4,074.52	0.00	4,074.52	0.00
0	10-10-10	212.54	208.84	3.70	0.00	211.29	1.25
0	12-0-0	0.01	0.01	0.00	0.00	0.00	0.01
0	19-19-19	416.46	295.93	120.53	0.00	415.07	1.39
0	20.5-0-0	6.90	0.00	6.90	0.00	6.90	0.00
0	30-0-4	276.63	276.63	0.00	0.00	0.00	276.63
0	32-0-0	70.00	70.00	0.00	0.00	4.00	66.00
2	82-0-0	1,335.78	0.00	0.00	1,335.78	1,316.84	18.94
10	33.5-0-0	322.47	0.00	322.47	0.00	322.47	0.00
10	34-0-0	239.45	24.88	214.57	0.00	234.67	4.78
24	20.5-0-0	213.25	0.00	213.25	0.00	213.25	0.00
24	21-0-0	912.13	1.40	910.73	0.00	908.82	3.31
29	33.5-0-0	0.03	0.03	0.00	0.00	0.03	0.00
31	12-0-0	100.97	0.00	0.00	100.97	98.74	2.23
58	28-0-0	9,039.70	0.00	0.00	9,039.70	9,039.70	0.00
59	30-0-0	2,489.43	0.00	0.00	2,489.43	2,486.68	2.75
60	32-0-0	11,692.19	0.00	0.00	11,692.19	11,692.19	0.00
66	46-0-0	2,711.36	352.26	2,359.10	0.00	2,662.39	48.97
97	12-0-0	0.04	0.00	0.00	0.04	0.00	0.04
97	30-0-0	4.00	4.00	0.00	0.00	0.00	4.00
203	18-46-0	19,779.83	128.43	19,651.40	0.00	19,506.90	272.93
209	11-52-0	2,034.70	0.00	2,034.70	0.00	2,034.70	0.00
267	0-46-0	758.28	11.00	747.28	0.00	758.28	0.00
297	12-40-0	1,676.07	0.00	1,676.07	0.00	1,676.07	0.00
428	0-0-60	25,354.98	3,177.80	22,177.19	0.00	25,043.59	311.39
443	0-0-22	1,543.65	1.88	1,541.78	0.00	1,541.78	1.88
463	0-0-50	2,657.16	44.28	2,612.88	0.00	2,632.11	25.05
497	0-0-22	68.95	0.00	68.95	0.00	68.95	0.00
649	0-0-0	1.54	1.54	0.00	0.00	0.00	1.54
702	0-0-0	3.37	0.00	3.37	0.00	3.37	0.00
706	0-0-0	33.37	30.69	1.21	1.48	33.37	0.00
720	0-0-0	2.99	2.99	0.00	0.00	2.99	0.00

Distribution of Fertilizer Sales in Kentucky October through December 2019

Detail Fertilizer Summary
 Division of Regulatory Services University of Kentucky
 October 2019 through December 2019

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	0.26	0.00	0.00	0.26	0.26	0.00
728	0-0-0	106.98	106.02	0.00	0.96	22.00	84.98
730	12-0-0	0.01	0.00	0.00	0.01	0.00	0.01
731	0-0-0	0.02	0.02	0.00	0.00	0.02	0.00
732	0-0-0	26.48	22.31	3.00	1.18	25.00	1.48
733	0-0-0	3.14	0.00	0.00	3.14	3.14	0.00
742	0-0-0	1.08	1.08	0.00	0.00	1.08	0.00
744	0-0-0	0.28	0.03	0.25	0.00	0.28	0.00
745	0-0-0	0.95	0.03	0.00	0.93	0.93	0.03
749	0-0-0	1.07	0.00	0.00	1.07	1.07	0.00
754	0-0-0	3.82	3.82	0.00	0.00	3.82	0.00
764	0-0-0	0.75	0.57	0.00	0.18	0.00	0.75
765	0-0-0	0.59	0.38	0.00	0.21	0.59	0.00
766	0-0-0	18.92	18.92	0.00	0.00	0.00	18.92
767	0-0-0	16.88	16.88	0.00	0.00	0.00	16.88
770	0-0-0	93.17	20.38	72.79	0.00	93.17	0.00
773	0-0-0	5.70	5.70	0.00	0.00	5.70	0.00
774	0-0-0	17.22	0.00	17.22	0.00	17.22	0.00
780	0-0-0	13.76	0.00	13.76	0.00	13.76	0.00
782	0-0-0	18.00	18.00	0.00	0.00	18.00	0.00
783	0-0-0	0.04	0.00	0.04	0.00	0.04	0.00
784	0-0-0	2.56	0.00	0.00	2.56	2.56	0.00
797	0-0-0	82.02	0.84	73.23	7.95	81.99	0.03
798	0-0-0	0.14	0.00	0.00	0.14	0.14	0.00
978	0-0-0	4,488.82	178.93	4,007.85	302.03	4,376.79	112.03

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

Total	93,041.41
Bagged	5,026.45
Bulk	62,928.72
Liquid	25,086.24
Farm	91,763.22
Non-Farm	1,278.19

Distribution of Fertilizer Sales in Kentucky October through December 2019

Detail Fertilizer Summary
Division of Regulatory Services University of Kentucky
October 2019 through December 2019

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

Total	21,293.52
Bagged	1,558.81
Bulk	16,666.97
Liquid	3,067.74
Farm	19,497.53
Non-Farm	1,795.99

Totals for grades with less than 100 tons:

Total	10,292.39
Bagged	2,096.89
Bulk	7,632.92
Liquid	562.58
Farm	8,423.21
Non-Farm	1,869.18

Grand totals for all:

Total	124,627.32
Bagged	8,682.14
Bulk	87,228.62
Liquid	28,716.56
Farm	119,683.96
Non-Farm	4,943.36

Distribution of Fertilizer Sales in Kentucky October through December 2019

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

October 2019 through December 2019

County Name	0-0-60	18-46-0	32-0-0	28-0-0	9-23-30
Adair	8.61	51.47	0.00	0.00	10.50
Allen	20.21	26.53	0.00	0.00	0.00
Anderson	4.00	0.00	0.00	0.00	0.00
Ballard	1,818.46	924.60	0.00	0.00	16.70
Barren	52.75	35.12	0.00	50.07	5.40
Bath	0.00	0.00	24.70	0.00	0.00
Bell	0.00	0.00	0.00	0.00	0.00
Boone	3.00	0.00	0.00	0.00	0.00
Bourbon	96.20	127.25	0.00	0.00	0.00
Boyd	0.94	0.00	0.00	0.00	0.00
Boyle	127.83	28.03	0.00	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	616.51	554.62	0.00	525.78	45.90
Bullitt	0.00	0.00	0.00	0.00	0.00
Butler	401.60	382.97	5.34	0.00	0.00
Caldwell	60.13	59.86	51.30	0.00	33.20
Calloway	916.01	809.56	250.50	0.00	9.00
Campbell	0.00	0.00	0.00	0.00	0.00
Carlisle	653.54	66.25	0.00	0.00	79.30
Carroll	0.00	0.00	0.00	0.00	0.00
Carter	33.34	34.37	0.00	0.00	0.00
Casey	28.91	28.49	0.00	0.00	0.00
Christian	3,995.74	3,223.04	1,613.06	1,515.87	60.30
Clark	58.91	160.25	147.78	99.00	0.00
Clay	0.00	0.00	0.00	0.00	0.00
Clinton	28.65	102.88	72.10	0.00	0.00
Crittenden	0.00	0.00	75.00	0.00	393.20
Cumberland	25.00	24.76	0.00	0.00	0.00
Daviess	2,339.71	166.83	37.00	0.10	245.75
Edmonson	0.00	0.00	0.00	0.00	0.00

Distribution of Fertilizer Sales in Kentucky October through December 2019

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

October 2019 through December 2019

County Name	0-0-60	18-46-0	32-0-0	28-0-0	9-23-30
Elliott	0.00	0.00	0.00	0.00	0.00
Estill	0.00	0.00	0.00	0.00	0.00
Fayette	3.02	3.58	0.00	0.00	0.00
Fleming	24.28	0.62	0.00	0.00	122.01
Floyd	0.00	0.00	0.00	0.00	0.00
Franklin	0.00	0.00	0.00	0.00	0.00
Fulton	403.45	297.38	175.20	0.00	18.10
Gallatin	50.08	51.04	0.00	0.00	0.00
Garrard	10.88	0.88	0.00	0.00	0.00
Grant	0.00	0.00	0.00	0.00	0.00
Graves	735.79	525.03	303.13	26.10	385.10
Grayson	193.67	185.76	25.00	0.00	56.20
Green	96.97	332.82	0.00	0.00	0.00
Greenup	0.00	0.00	0.00	0.00	0.00
Hancock	721.52	72.43	0.00	0.00	5.00
Hardin	589.77	307.54	10.10	75.00	49.50
Harlan	0.00	0.00	0.00	0.00	0.00
Harrison	134.82	7.23	0.00	50.63	0.00
Hart	19.16	10.14	0.00	0.00	2.00
Henderson	613.64	98.48	1,050.00	201.30	21.00
Henry	104.52	104.90	0.00	0.00	0.00
Hickman	609.74	522.06	629.94	0.00	52.30
Hopkins	1.54	1.25	0.00	0.00	573.60
Jackson	0.00	0.00	0.00	0.00	0.00
Jefferson	3.45	0.00	0.00	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	1.10	0.00	0.00	0.00	0.00
Knott	0.00	0.00	0.00	0.00	0.00
Knox	5.00	5.00	0.00	0.00	0.00
Larue	454.27	911.85	694.64	0.00	1.70

Distribution of Fertilizer Sales in Kentucky October through December 2019

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

October 2019 through December 2019

County Name	0-0-60	18-46-0	32-0-0	28-0-0	9-23-30
Laurel	26.68	48.52	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	93.17	51.93	0.00	50.39	0.00
Livingston	260.31	8.50	250.00	0.00	340.90
Logan	2,064.92	2,705.95	575.90	2,203.43	195.60
Lyon	228.73	1,153.66	0.00	421.03	0.00
Mc Cracken	131.00	129.26	0.00	0.00	21.50
Mc Creary	0.00	0.00	0.00	0.00	0.00
Mc Lean	514.19	449.73	0.00	0.00	133.70
Madison	11.91	12.90	0.00	0.00	0.00
Magoffin	0.00	0.00	0.00	0.00	0.00
Marion	170.84	71.80	0.00	0.00	3.00
Marshall	74.92	99.27	0.00	0.00	350.70
Martin	0.00	0.00	0.00	0.00	0.00
Mason	0.00	1.99	0.00	26.00	0.00
Meade	8.00	0.00	0.00	169.40	45.10
Menifee	0.00	0.00	0.00	0.00	0.00
Mercer	223.87	57.33	0.00	0.00	0.00
Metcalf	50.25	30.42	0.00	0.00	0.00
Monroe	179.22	158.50	0.00	0.00	0.00
Montgomery	0.00	0.00	0.00	0.00	0.00
Morgan	0.00	25.82	0.00	0.00	0.00
Muhlenberg	0.00	0.00	25.00	0.00	79.40
Nelson	261.00	66.10	165.30	0.00	0.00
Nicholas	0.00	0.00	0.00	0.00	0.00
Ohio	28.21	8.95	0.00	0.00	162.10
Oldham	0.00	0.00	0.00	0.00	0.00

Distribution of Fertilizer Sales in Kentucky October through December 2019

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

October 2019 through December 2019

County Name	0-0-60	18-46-0	32-0-0	28-0-0	9-23-30
Owen	0.00	0.00	0.00	0.00	0.00
Owsley	0.00	0.00	0.00	0.00	0.00
Pendleton	29.54	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	391.57	229.92	0.00	24.70	0.00
Robertson	0.00	0.00	0.00	0.00	0.00
Rockcastle	0.00	0.00	0.00	0.00	0.00
Rowan	1.00	88.00	0.00	0.00	0.00
Russell	6.68	1.10	0.00	0.00	0.00
Scott	7.05	0.00	0.00	148.78	0.00
Shelby	517.37	403.93	379.82	352.84	4.30
Simpson	1,038.29	901.82	1,349.24	0.00	55.10
Spencer	0.00	0.00	0.00	0.00	0.00
Taylor	62.10	10.85	0.00	0.00	0.00
Todd	582.79	540.91	1,105.53	1,336.14	106.50
Trigg	403.28	439.09	1,736.56	225.30	0.00
Trimble	0.00	0.00	0.00	0.00	0.00
Union	695.72	266.07	10.51	0.00	191.50
Warren	585.07	1,109.57	824.54	1,511.74	199.36
Washington	101.49	153.09	0.00	26.09	0.00
Wayne	94.31	85.96	75.00	0.00	0.00
Webster	319.50	216.07	100.00	0.00	0.00
Whitley	0.00	0.00	0.00	0.00	0.00
Wolfe	1.00	1.00	0.00	0.00	0.00
Woodford	124.33	7.00	0.00	0.00	0.00
Unknown	0.00	0.00	0.00	0.00	0.00
Totals	25,354.98	19,779.83	11,762.19	9,039.70	4,074.52

Distribution of Fertilizer Sales in Kentucky October through December 2019

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

October 2019 through December 2019

County Name	46-0-0	0-0-50	30-0-0	11-52-0	12-40-0
Adair	169.84	0.00	0.00	0.00	0.00
Allen	0.25	0.00	0.00	0.00	0.00
Anderson	0.00	0.00	0.00	0.00	0.00
Ballard	0.00	0.00	0.00	0.00	301.16
Barren	43.70	6.24	0.00	0.00	0.00
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	29.40	11.00	0.00	0.00	0.00
Boyd	9.90	0.00	0.00	0.00	0.00
Boyle	34.75	0.00	0.00	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	10.03	0.00	100.15	0.00	0.00
Bullitt	8.00	0.00	0.00	0.00	0.00
Butler	11.00	0.00	0.00	0.00	0.00
Caldwell	6.77	0.00	0.00	0.00	0.00
Calloway	5.81	0.00	0.00	0.00	0.00
Campbell	2.95	44.00	0.07	0.00	0.00
Carlisle	3.25	0.00	0.00	0.00	421.41
Carroll	0.00	0.00	0.00	0.00	0.00
Carter	0.00	0.00	0.00	0.00	0.00
Casey	1.30	0.00	0.00	0.00	0.00
Christian	119.15	2.73	779.78	1,157.28	439.15
Clark	149.50	994.00	0.00	0.00	0.00
Clay	0.00	0.00	0.00	0.00	0.00
Clinton	0.85	0.00	0.00	0.00	0.00
Crittenden	0.00	0.00	0.00	0.00	0.00
Cumberland	0.00	0.00	0.00	0.00	0.00
Daviess	7.69	97.00	25.01	0.00	0.00
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	45.46	0.30	0.11	0.00	0.00
Fleming	8.47	0.00	0.00	6.58	0.00
Floyd	0.00	0.00	0.33	0.00	0.00
Franklin	4.00	0.00	0.00	0.00	0.00
Fulton	0.20	0.00	0.00	0.00	15.65

Distribution of Fertilizer Sales in Kentucky October through December 2019

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

October 2019 through December 2019

County Name	46-0-0	0-0-50	30-0-0	11-52-0	12-40-0
Gallatin	0.00	0.00	0.00	0.00	0.00
Garrard	97.50	0.00	0.00	0.00	0.00
Grant	0.00	0.00	0.00	0.00	0.00
Graves	6.43	0.00	139.10	0.00	0.00
Grayson	1.50	0.00	0.00	0.00	0.00
Green	23.64	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	28.59	6.20	0.00	0.00	4.20
Harlan	0.00	0.00	0.00	0.00	0.00
Harrison	228.81	0.00	0.00	0.00	0.00
Hart	3.30	0.00	0.00	0.00	0.00
Henderson	26.38	126.91	1,045.78	715.91	459.00
Henry	2.62	0.00	0.00	0.00	0.00
Hickman	0.27	0.00	0.00	0.00	0.00
Hopkins	0.20	0.00	0.00	0.00	0.00
Jackson	0.00	0.00	0.00	0.00	0.00
Jefferson	86.44	22.00	2.07	0.00	0.00
Jessamine	1.00	0.00	0.00	0.00	0.00
Johnson	0.00	0.00	0.00	0.00	0.00
Kenton	1.27	0.00	0.00	0.00	0.00
Knott	0.00	0.00	0.00	0.00	0.00
Knox	23.51	0.00	0.00	0.00	0.00
Larue	26.03	0.00	0.00	0.00	0.00
Laurel	0.00	0.00	0.00	0.00	0.00
Lawrence	0.00	2.70	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	8.04	0.00	0.00	0.00	0.00
Livingston	0.00	0.00	0.00	0.00	0.00
Logan	20.85	896.00	298.03	0.28	0.00
Lyon	0.00	0.00	0.00	0.00	0.00
McCracken	23.00	0.00	0.00	0.00	0.00
McCreary	0.00	0.00	0.00	0.00	0.00
McLean	7.30	0.00	0.00	0.00	0.00
Madison	5.63	0.05	4.00	0.00	0.00

Distribution of Fertilizer Sales in Kentucky October through December 2019

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

October 2019 through December 2019

County Name	46-0-0	0-0-50	30-0-0	11-52-0	12-40-0
Magoffin	0.00	0.00	0.00	0.00	0.00
Marion	7.70	0.00	0.00	0.00	0.00
Marshall	2.93	0.00	0.00	0.00	0.00
Martin	0.00	0.00	0.00	0.00	0.00
Mason	0.00	0.00	0.00	0.00	0.00
Meade	1.00	0.00	0.00	0.00	0.00
Menifee	0.00	0.00	0.00	0.00	0.00
Mercer	8.55	0.00	0.00	0.00	0.00
Metcalfe	3.85	0.00	0.00	0.00	0.00
Monroe	7.73	0.00	0.00	0.00	0.00
Montgomery	0.00	0.00	0.00	0.00	0.00
Morgan	25.70	0.00	0.00	0.00	0.00
Muhlenberg	0.00	0.00	0.00	0.00	0.00
Nelson	48.60	0.00	0.00	0.00	0.00
Nicholas	0.00	0.00	0.00	0.00	0.00
Ohio	26.66	0.00	0.00	0.00	0.60
Oldham	16.85	0.00	0.00	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	0.25	348.03	0.00	0.00	0.00
Robertson	0.00	0.00	0.00	0.00	0.00
Rockcastle	0.00	0.00	0.00	0.00	0.00
Rowan	17.00	0.00	0.00	0.00	0.00
Russell	0.00	0.00	0.00	0.00	0.00
Scott	165.63	0.00	0.00	0.00	0.00
Shelby	6.20	0.00	0.00	0.00	0.00
Simpson	0.00	0.00	0.00	0.00	0.00
Spencer	0.40	0.00	0.00	0.00	0.00
Taylor	1.39	0.00	0.00	0.00	0.00
Todd	13.48	0.00	0.00	154.65	0.00
Trigg	0.00	0.00	0.00	0.00	0.00
Trimble	0.00	0.00	0.00	0.00	0.00
Union	0.00	0.00	98.83	0.00	34.90
Warren	6.48	100.00	0.18	0.00	0.00

Distribution of Fertilizer Sales in Kentucky October through December 2019

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

October 2019 through December 2019

County Name	46-0-0	0-0-50	30-0-0	11-52-0	12-40-0
Washington	179.04	0.00	0.00	0.00	0.00
Wayne	6.68	0.00	0.00	0.00	0.00
Webster	1.20	0.00	0.00	0.00	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	869.49	0.00	0.00	0.00	0.00
Unknown	0.00	0.00	0.00	0.00	0.00
Totals:	2,711.36	2,657.16	2,493.43	2,034.70	1,676.07

Distribution of Fertilizer Sales in Kentucky October through December 2019

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 October 2019 through December 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	425.75	178.70	246.95	0.10	10.99	55.89	71.14	89.21	55.89	76.31
Allen	209.92	45.96	87.90	76.06	8.35	17.92	5.77	13.82	17.92	17.90
Anderson	10.88	4.00	5.52	1.36	1.04	0.61	0.56	1.04	0.61	2.96
Ballard	4,114.08	2,413.42	1,668.86	31.81	228.90	616.45	123.71	441.11	616.45	1,245.75
Barren	685.13	412.12	230.25	42.77	22.50	54.82	54.06	109.76	54.82	90.11
Bath	26.21	24.70	0.05	1.46	0.01	0.01	0.00	7.91	0.01	0.00
Bell	2.04	0.07	0.39	1.58	0.06	0.01	0.05	0.06	0.01	0.06
Boone	521.82	8.09	513.05	0.68	120.22	13.34	29.12	120.25	13.34	31.95
Bourbon	320.54	166.79	152.63	1.12	28.59	59.16	5.38	48.77	64.22	68.76
Boyd	96.45	38.19	55.02	3.24	9.67	1.61	2.36	14.23	1.61	8.88
Boyle	282.25	235.67	44.79	1.79	6.54	13.87	2.82	23.67	44.83	79.62
Bracken	0.38	0.00	0.32	0.06	0.08	0.01	0.02	0.08	0.01	0.02
Breathitt	0.08	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	
Breckinridge	2,028.89	1,323.74	704.42	0.74	106.48	288.14	46.29	288.36	320.93	416.20
Bullitt	54.73	8.00	45.71	1.02	9.68	3.30	3.62	13.36	3.30	3.62
Butler	803.01	417.94	384.07	1.00	69.15	176.39	0.22	75.92	176.39	241.18
Caldwell	961.26	655.97	304.99	0.30	35.03	89.97	63.52	233.51	89.97	137.42
Calloway	2,101.06	1,244.92	856.04	0.10	150.29	379.90	11.21	250.00	379.90	571.03
Campbell	80.91	48.19	32.02	0.71	3.72	2.65	2.94	5.13	2.65	25.20
Carlisle	1,777.12	913.57	861.68	1.87	88.65	267.24	128.95	149.35	267.24	521.07
Carroll	2.54	0.00	0.04	2.50	0.00	0.00	0.00	0.00	0.00	0.00
Carter	126.78	33.34	41.72	51.72	7.29	17.23	1.42	7.29	17.23	21.42
Casey	64.57	30.39	29.63	4.55	5.32	13.29	0.19	5.97	13.29	17.53
Christian	17,133.16	8,936.96	7,988.32	207.87	1,041.44	2,914.02	713.02	2,510.03	2,914.02	3,173.49

Distribution of Fertilizer Sales in Kentucky October through December 2019

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 October 2019 through December 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	2,124.74	1,511.44	593.28	20.02	99.37	82.08	4.99	243.15	82.08	551.03
Clay	1.03	0.00	1.03	0.19	0.19	0.19	0.19	0.19	0.19	
Clinton	463.35	347.47	115.88	19.57	48.66	1.49	120.22	48.66	18.68	
Crittenden	523.20	125.40	397.80	35.86	91.64	119.15	75.89	91.64	119.15	
Cumberland	54.93	25.00	28.89	1.05	5.08	12.00	0.46	5.08	12.00	15.46
Daviess	5,711.63	3,337.44	2,308.90	65.29	150.20	448.49	562.06	315.18	596.70	2,086.80
Estill	2.00	0.00	2.00	0.10	0.20	0.30	0.10	0.20	0.30	
Fayette	766.38	61.29	686.98	18.10	148.76	8.52	32.41	170.35	8.53	35.92
Fleming	274.47	113.66	129.30	31.51	11.82	31.79	36.62	15.72	31.79	73.01
Floyd	12.83	2.01	10.42	0.39	2.44	1.00	0.55	2.57	1.00	0.90
Franklin	68.65	8.48	57.30	2.87	12.97	0.31	1.82	14.89	0.31	1.82
Fulton	3,859.33	666.52	555.33	2,637.48	80.09	192.53	64.53	155.75	192.53	306.60
Gallatin	141.97	50.08	91.89	17.47	29.28	8.04	17.47	29.28	38.08	
Garrard	228.91	113.38	114.03	1.51	6.94	3.03	0.69	51.79	5.33	7.21
Grant	2.37	0.00	2.37	0.46	0.21	0.13	0.46	0.21	0.13	
Graves	3,633.39	1,364.99	2,252.52	15.89	220.37	567.50	501.17	411.83	567.50	946.91
Grayson	543.73	221.47	322.26	45.54	114.82	38.51	54.23	115.42	154.71	
Green	549.15	120.86	353.68	74.61	60.24	153.99	9.12	71.20	153.99	67.30
Greenup	10.06	0.00	10.06	1.32	0.01	0.13	1.32	0.01	0.13	
Hancock	1,231.73	881.80	349.93	20.36	80.78	103.70	20.36	154.51	536.61	
Hardin	2,834.37	745.42	1,922.80	166.15	150.88	449.34	439.27	189.93	455.31	799.94
Harrison	451.69	435.14	7.23	9.32	1.30	3.33	0.00	120.73	3.33	93.60
Hart	207.04	24.35	166.19	16.49	12.84	27.13	58.54	14.38	27.13	70.51
Henderson	5,765.71	3,151.17	2,612.90	1.64	193.94	899.74	374.08	948.19	916.72	805.73

Distribution of Fertilizer Sales in Kentucky October through December 2019

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 October 2019 through December 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
Henry	286.51	179.14	107.37	19.40	48.65	0.41	28.45	48.65	63.12	
Hickman	2,080.06	1,493.99	579.46	6.60	99.44	252.94	16.46	440.68	252.94	387.93
Hopkins	956.13	1.76	954.06	0.30	77.03	195.99	301.19	77.12	195.99	302.12
Jefferson	1,823.89	141.59	1,677.36	4.94	369.22	57.08	111.29	412.52	57.09	124.87
Jessamine	23.34	1.20	21.26	0.88	5.17	1.17	1.72	5.63	1.17	1.77
Kenton	177.74	82.98	90.69	4.07	16.21	5.60	6.04	36.10	5.61	7.16
Knox	36.32	29.01	7.30	0.00	1.64	2.48	0.24	12.56	2.48	3.24
Larue	2,391.04	1,406.21	980.63	4.20	164.54	429.74	16.38	399.59	429.74	334.01
Laurel	89.20	26.68	58.52	4.00	9.50	24.09	1.77	9.50	24.09	17.78
Lawrence	2.74	2.74	0.00	0.00	0.00	0.00	0.00	0.00	1.35	
Letcher	0.68	0.55	0.00	0.13	0.00	0.00	0.00	0.03	0.00	0.03
Lincoln	273.58	151.60	88.35	33.63	18.01	25.36	2.50	35.82	25.36	58.41
Livingston	1,182.56	762.71	419.85	37.05	93.79	124.76	197.32	93.79	280.95	
Logan	12,020.71	6,680.36	5,027.18	313.18	711.63	1,736.47	528.88	1,677.58	1,757.03	2,303.36
Lyon	1,873.52	649.76	1,223.76	214.30	547.57	20.02	332.19	547.57	157.26	
McCracken	391.89	160.23	230.32	1.34	34.45	71.40	17.47	45.04	71.54	96.09
McCreary	3.63	0.00	3.63	0.65	0.71	0.71	0.65	0.71	0.71	
McLean	1,560.96	621.17	834.57	105.22	112.16	277.12	107.92	196.25	277.13	416.45
Madison	142.24	24.12	116.54	1.59	21.46	8.34	3.70	25.60	8.34	10.91
Magoffin	3.00	0.00	3.00	0.57	0.57	0.57	0.57	0.57	0.57	
Marion	354.74	216.74	132.90	5.10	18.26	45.91	18.03	22.71	62.10	120.54
Marshall	1,208.58	96.94	1,080.74	30.90	92.21	254.69	297.74	97.62	254.69	342.69
Mason	54.78	41.53	9.79	3.46	0.37	0.93	0.01	7.65	0.93	9.49
Meade	680.57	183.70	492.73	4.14	31.69	109.68	137.16	81.44	109.68	141.96

Distribution of Fertilizer Sales in Kentucky October through December 2019

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 October 2019 through December 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
Mercer	387.68	241.22	142.85	3.62	24.07	27.69	0.45	28.28	31.14	134.77
Metcalfe	101.67	54.79	35.98	10.91	6.00	15.09	1.42	8.00	15.09	31.57
Monroe	443.55	187.94	183.61	72.00	31.00	78.70	5.83	34.77	78.70	113.36
Montgomery	1.00	0.00	1.00	0.19	0.19	0.19	0.19	0.19	0.19	
Morgan	66.48	25.70	26.82	13.96	4.70	11.93	0.02	16.52	11.93	0.02
Muhlenberg	202.20	95.00	103.90	3.30	10.48	21.79	31.13	18.48	53.99	31.13
Nelson	626.06	488.36	131.48	6.21	19.05	34.37	8.48	95.78	36.67	165.08
Nicholas	0.05	0.00	0.03	0.02	0.00	0.01	0.00	0.00	0.01	0.00
Ohio	515.23	115.73	397.20	2.30	25.26	74.33	122.57	69.71	74.98	146.49
Oldham	59.42	16.85	41.95	0.62	9.38	3.33	4.73	17.13	3.33	4.73
Owen	25.22	2.25	9.58	13.39	1.61	0.93	0.82	1.63	0.93	1.33
Owsley	0.13	0.00	0.13	0.03	0.00	0.03	0.03	0.00	0.03	
Pendleton	49.24	44.71	4.08	0.46	0.99	0.03	0.40	3.96	0.03	18.32
Perry	0.87	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.00	
Pike	6.47	0.00	6.47	0.20	0.20	0.20	0.20	0.20	0.20	
Powell	4.00	0.00	4.00	0.79	0.60	0.68	0.79	0.60	0.68	
Pulaski	1,074.16	772.49	269.35	32.32	49.90	109.30	4.51	59.63	109.30	413.46
Robertson	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	
Rowan	307.11	18.00	288.92	0.20	42.38	78.60	29.95	50.20	78.60	30.55
Russell	36.21	15.22	20.99	3.80	4.05	3.61	6.70	4.05	7.62	
Scott	447.95	321.66	66.55	59.74	15.55	1.27	2.26	133.47	1.27	6.49
Shelby	1,799.76	1,263.30	528.86	7.60	88.71	200.87	26.79	311.97	200.87	339.95
Simpson	4,374.58	2,506.52	1,591.06	277.00	229.48	527.35	157.05	709.86	527.35	789.98
Spencer	16.19	2.20	12.99	1.00	3.47	0.59	0.50	4.07	0.59	0.50

Distribution of Fertilizer Sales in Kentucky October through December 2019

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 October 2019 through December 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
Taylor	279.77	72.29	198.04	9.44	12.62	35.43	48.06	16.25	35.43	85.32
Todd	5,109.76	3,225.59	1,790.69	93.48	204.57	576.92	267.61	1,001.50	579.66	628.88
Trigg	4,531.84	3,503.42	929.03	99.40	167.55	275.01	61.74	1,120.76	275.01	339.61
Trimble	0.95	0.00	0.95	0.28	0.01	0.04	0.28	0.01	0.04	
Union	6,511.08	1,163.87	5,345.61	1.60	377.19	1,082.26	1,499.24	669.77	1,082.26	1,941.25
Warren	5,113.46	3,201.46	1,733.32	178.69	262.54	641.24	166.07	969.26	652.11	589.89
Washington	681.68	358.97	232.01	90.71	41.44	71.12	0.42	142.09	71.12	61.31
Wayne	265.74	176.87	88.86	15.88	40.02	0.48	43.26	40.02	57.07	
Webster	1,558.54	460.57	1,090.67	7.30	101.86	299.50	252.32	167.10	299.50	444.02
Whitley	30.82	0.00	8.38	22.44	0.59	0.39	0.28	0.60	0.39	0.28
Wolfe	2.00	1.00	1.00	0.18	0.46	0.00	0.18	0.46	0.60	
Woodford	1,025.70	1,001.41	23.01	1.28	3.93	4.91	1.95	403.89	4.91	79.66
Unknown	60.18	1.24	58.94	16.85	0.53	2.45	16.85	0.53	2.46	
Totals	124,627.32	62,741.40	56,856.53	5,029.39	7,079.65	16,641.72	8,041.54	17,695.61	17,047.43	25,130.77