

Distribution of Fertilizer Sales
In
Kentucky
Fertilizer Year: 2020
July through September 2020

<u>Bagged</u>	<u>9%</u>
<u>Bulk</u>	<u>68%</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/

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DISTRIBUTION OF FERTILIZER SALES IN KENTUCKY

July through September 2020

INTRODUCTION

This report provides data on fertilizer movement in Kentucky for the period of July through September 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 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 2020

Total Fertilizer Summary

Division of Regulatory Services University of Kentucky

July 2020 through September 2020

	Container			Use		
	Total	Bag	Bulk	Liquid	Farm	Nonfarm
Multi-Nutrient	35,018.12	6,657.29	27,231.83	1,128.99	29,887.34	5,130.78
Nitrogen	29,292.21	686.74	10,256.29	18,349.18	29,113.24	178.97
Phosphate	380.98	3.02	377.69	0.28	380.72	0.27
Potash	21,798.09	236.92	21,442.59	118.59	21,612.30	185.79
Organics	9.89	9.85	0.00	0.04	5.00	4.89
Sec/Micro	901.86	442.95	110.74	348.18	798.86	103.01
Miscellaneous	3,415.98	276.83	2,226.76	912.39	3,248.81	167.17
Total	90,817.13	8,313.59	61,645.89	20,857.65	85,046.27	5,770.86

Percentage by container:

Bagged	9.15%
Bulk	67.88%
Liquid	22.97%

Percentage by use:

Farm	93.65%
Non-Farm	6.35%

Distribution of Fertilizer Sales in Kentucky July through September 2020

Historical Total Fertilizer
 Division of Regulatory Services University of Kentucky
Current- July 2020 through September 2020
 Historical - July 2019 through September 2019

	Total		Bag		Container Bulk		Liquid		Farm		Use Non-Farm	
	Historical	Current	Historical	Current	Historical	Current	Historical	Current	Historical	Current	Historical	Current
Multi-Nutrient	37,379.87	35,018.12	5,140.59	6,657.29	31,378.31	27,231.83	860.98	1,128.99	33,607.89	29,887.34	3,771.98	5,130.78
Nitrogen	38,551.23	29,292.21	815.78	686.74	13,749.17	10,256.29	23,986.28	18,349.18	38,345.72	29,113.24	205.52	178.97
Phosphate	154.99	380.98	4.41	3.02	149.98	377.69	0.61	0.28	154.28	380.72	0.72	0.27
Potash	42,055.68	21,798.09	54.02	236.92	41,880.44	21,442.59	121.21	118.59	41,936.86	21,612.30	118.82	185.79
Organics	157.67	9.89	3.05	9.85	152.98	0.00	1.64	0.04	154.62	5.00	3.05	4.89
Sec/Micro	1,020.33	901.86	390.65	442.95	115.01	110.74	514.68	348.18	960.01	798.86	60.33	103.01
Miscellaneous	8,044.58	3,415.98	392.06	276.83	2,974.56	2,226.76	4,677.96	912.39	7,789.37	3,248.81	255.21	167.17
Total	127,364.36	90,817.13	6,800.56	8,313.59	90,400.45	61,645.89	30,163.35	20,857.65	122,948.74	85,046.27	4,415.62	5,770.86

Percentage changed:

Total	-28.70%
Bagged	22.25%
Bulk	-31.81%
Liquid	-30.85%
Farm	-30.83%
Non-Farm	30.69%

Distribution of Fertilizer Sales in Kentucky July through September 2020

Detail Fertilizer Summary

Division of Regulatory Services University of Kentucky

July 2020 through September 2020

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

Code	Grade	Total	Bag	Bulk	Liquid	Farm	Non-Farm
0	9-23-30	933.90	55.00	878.90	0.00	933.90	0.00
0	10-10-10	412.96	408.63	0.45	3.88	395.34	17.63
0	10-20-20	155.20	155.20	0.00	0.00	155.20	0.00
0	12-0-0	0.01	0.01	0.00	0.00	0.00	0.01
0	12-12-12	144.80	144.80	0.00	0.00	105.40	39.40
0	16-0-4	404.01	404.01	0.00	0.00	0.00	404.01
0	19-19-19	788.30	659.81	128.49	0.00	786.47	1.83
0	20.5-0-0	4.00	0.00	4.00	0.00	4.00	0.00
0	25-0-5	243.44	243.44	0.00	0.00	0.00	243.44
0	30-0-4	117.80	117.80	0.00	0.00	0.00	117.80
0	32-0-0	15.04	0.00	15.04	0.00	15.04	0.00
2	82-0-0	2,247.66	0.00	0.00	2,247.66	2,247.66	0.00
10	33.5-0-0	195.16	0.00	195.16	0.00	195.16	0.00
10	34-0-0	410.95	185.74	225.21	0.00	332.66	78.29
24	20.5-0-0	110.43	0.00	110.43	0.00	110.43	0.00
24	21-0-0	1,586.80	94.88	1,491.92	0.00	1,581.91	4.89
27	28-0-0	86.00	0.00	86.00	0.00	86.00	0.00
29	33.5-0-0	8.23	8.23	0.00	0.00	8.23	0.00
31	12-0-0	109.26	0.00	0.00	109.26	108.59	0.67
56	21-0-0	11.71	0.00	0.00	11.71	11.71	0.00
58	28-0-0	3,961.19	0.00	0.00	3,961.19	3,961.19	0.00
60	32-0-0	9,168.30	0.00	104.83	9,063.47	9,168.30	0.00
61	34-0-0	125.44	0.00	0.00	125.44	125.44	0.00
66	46-0-0	7,219.93	284.75	6,935.18	0.00	7,204.16	15.77
203	18-46-0	14,875.46	107.63	14,716.15	51.68	14,875.46	0.00
209	11-52-0	1,970.63	0.00	1,970.57	0.06	1,970.63	0.00
267	0-46-0	380.69	3.00	377.69	0.00	380.69	0.00
297	12-40-0	484.54	0.00	484.54	0.00	484.20	0.00
415	0-0-0	12.01	0.00	0.00	12.01	12.01	0.00
428	0-0-60	19,351.51	16.60	19,304.70	30.22	19,227.42	124.09
443	0-0-22	1,047.03	0.73	1,008.95	37.35	1,046.30	0.73
463	0-0-50	318.46	164.44	154.02	0.00	315.58	2.88
649	0-0-0	0.04	0.04	0.00	0.00	0.00	0.04
702	0-0-0	3.80	0.00	3.80	0.00	3.80	0.00
706	0-0-0	93.96	73.26	0.09	20.60	93.96	0.00
720	0-0-0	0.76	0.38	0.38	0.00	0.76	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2020

Detail Fertilizer Summary

Division of Regulatory Services University of Kentucky

July 2020 through September 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	0.05	0.05	0.00	0.00	0.05	0.00
724	0-0-0	1.13	1.13	0.00	0.00	1.13	0.00
728	0-0-0	63.25	63.25	0.00	0.00	0.00	63.25
730	0-0-0	2.21	0.03	0.00	2.18	0.21	2.00
731	0-0-0	0.02	0.02	0.00	0.00	0.02	0.00
732	0-0-0	20.98	1.78	19.20	0.00	19.20	1.78
733	0-0-0	0.44	0.00	0.00	0.44	0.44	0.00
734	0-0-0	0.33	0.00	0.23	0.10	0.10	0.23
744	0-0-0	7.35	4.11	1.75	1.49	5.24	2.11
745	0-0-0	0.19	0.00	0.00	0.19	0.19	0.00
749	0-0-0	1.70	0.00	0.00	1.70	0.70	1.00
754	0-0-0	20.00	20.00	0.00	0.00	20.00	0.00
764	0-0-0	0.11	0.06	0.00	0.05	0.00	0.11
765	0-0-0	0.76	0.00	0.00	0.76	0.76	0.00
766	0-0-0	9.08	9.08	0.00	0.00	0.00	9.08
767	0-0-0	15.50	15.50	0.00	0.00	0.00	15.50
770	0-0-0	234.74	220.38	14.24	0.12	234.72	0.02
773	0-0-0	7.81	7.65	0.00	0.16	7.81	0.00
778	0-0-0	0.34	0.34	0.00	0.00	0.34	0.00
780	0-0-0	26.72	0.00	26.72	0.00	26.72	0.00
782	0-0-0	18.82	16.64	0.85	1.33	18.82	0.00
783	0-0-0	1.29	0.00	0.00	1.29	1.29	0.00
784	0-0-0	17.79	0.00	0.00	17.79	17.79	0.00
797	0-0-0	333.10	9.28	43.49	280.34	325.18	7.93
798	0-0-0	5.66	0.00	0.00	5.66	5.66	0.00
978	0-0-0	3,414.49	275.34	2,226.76	912.39	3,248.81	165.68
TOTALS	71,203.21	3,773.01	50,529.71	16,900.50	69,883.07	1,320.15	

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

Total	71,203.21
Bagged	3,773.01
Bulk	50,529.71
Liquid	16,900.50
Farm	69,883.07
Non-Farm	1,320.15

Distribution of Fertilizer Sales in Kentucky July through September 2020

Detail Fertilizer Summary
Division of Regulatory Services University of Kentucky
July 2020 through September 2020

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

Total	12,466.19
Bagged	3,097.49
Bulk	6,431.09
Liquid	2,937.62
Farm	9,032.27
Non-Farm	3,433.93

Totals for grades with less than 100 tons:

Total	8,192.27
Bagged	2,487.65
Bulk	4,685.10
Liquid	1,019.53
Farm	6,130.94
Non-Farm	2,061.34

Grand totals for all:

Total	90,817.13
Bagged	8,313.59
Bulk	61,645.89
Liquid	20,857.65
Farm	85,046.27
Non-Farm	5,770.86

Distribution of Fertilizer Sales in Kentucky July through September 2020

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

July 2020 through September 2020

County Name	0-0-60	18-46-0	32-0-0	46-0-0	28-0-0
Adair	169.52	68.14	7.00	379.45	0.00
Allen	124.88	31.75	0.00	40.66	0.00
Anderson	0.00	0.00	25.02	0.00	0.00
Ballard	411.23	325.45	31.86	24.40	0.00
Barren	1,053.03	709.52	0.00	510.03	74.79
Bath	53.02	13.22	0.00	66.34	370.84
Bell	0.00	0.00	0.00	0.00	0.00
Boone	0.00	0.00	0.00	23.13	0.00
Bourbon	72.00	47.00	0.00	5.00	0.00
Boyd	0.00	0.00	0.00	2.00	0.00
Boyle	63.59	9.26	0.00	59.77	0.00
Bracken	0.00	0.00	0.00	2.00	0.00
Breathitt	0.00	0.00	0.00	0.00	0.00
Breckinridge	537.98	508.40	51.21	463.98	97.89
Bullitt	0.00	0.00	0.00	0.35	3.26
Butler	221.76	74.83	0.00	35.42	0.00
Caldwell	28.88	33.46	245.45	11.59	0.98
Calloway	242.99	185.95	158.33	175.77	71.71
Campbell	2.80	5.25	0.00	13.23	0.00
Carlisle	371.42	25.98	46.28	43.89	0.00
Carroll	0.00	0.00	0.00	0.00	0.00
Carter	27.24	24.51	0.00	24.02	0.00
Casey	69.35	23.41	0.00	89.95	0.00
Christian	3,350.86	1,214.98	536.46	119.29	59.21
Clark	32.94	25.65	0.00	34.73	0.00
Clay	0.00	0.00	0.00	8.00	0.00
Clinton	97.40	10.78	0.00	84.48	0.00
Crittenden	0.00	0.00	153.17	0.00	0.00
Cumberland	4.25	4.50	0.00	71.59	0.00
Daviess	595.69	386.14	62.27	2.05	738.88
Edmonson	0.90	0.90	0.00	0.00	0.00
Elliott	0.00	0.00	0.00	0.00	0.00
Estill	4.54	1.22	0.00	7.60	0.00
Fayette	125.44	7.93	0.00	226.16	75.04
Fleming	32.41	27.00	0.00	63.09	0.00
Floyd	0.00	0.00	0.00	0.45	0.00
Franklin	2.10	1.05	0.00	5.13	0.00
Fulton	978.58	873.02	393.84	223.64	399.68

Distribution of Fertilizer Sales in Kentucky July through September 2020

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

July 2020 through September 2020

County Name	0-0-60	18-46-0	32-0-0	46-0-0	28-0-0
Gallatin	50.93	50.04	0.00	25.01	0.00
Garrard	45.86	8.22	0.00	20.11	0.00
Grant	1.00	0.00	0.00	5.00	0.00
Graves	290.23	259.47	216.06	384.41	0.00
Grayson	0.00	0.00	100.00	47.80	124.98
Green	168.77	120.34	0.00	56.15	0.00
Greenup	0.00	0.00	0.00	0.00	0.00
Hancock	5.65	4.31	0.00	1.69	0.00
Hardin	187.93	199.72	379.49	88.27	673.81
Harlan	0.00	0.00	0.00	0.00	0.00
Harrison	64.86	34.08	51.66	64.10	0.00
Hart	35.42	26.78	38.35	71.68	0.00
Henderson	294.88	710.89	222.64	37.24	3.48
Henry	357.06	12.79	0.00	102.67	0.00
Hickman	197.67	144.65	322.84	6.12	50.27
Hopkins	0.96	2.51	497.74	6.52	0.00
Jackson	0.00	0.00	0.00	0.45	0.00
Jefferson	4.16	3.16	0.00	118.09	0.00
Jessamine	2.86	2.85	0.00	7.01	2.00
Johnson	0.00	0.00	0.00	0.00	0.00
Kenton	0.00	0.00	0.00	0.28	0.00
Knott	0.00	0.00	0.00	0.00	0.00
Knox	0.00	49.49	0.00	123.47	0.00
Larue	506.06	657.12	124.16	87.43	0.00
Laurel	130.67	172.66	0.00	30.50	0.00
Lawrence	0.00	0.00	0.00	0.00	0.00
Lee	0.00	0.00	0.00	2.00	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	164.74	122.72	0.00	171.15	0.00
Lincoln	591.63	188.04	267.19	593.51	0.00
Livingston	96.46	0.43	1,188.31	27.68	0.00
Logan	806.13	928.86	68.39	79.63	699.94
Lyon	948.48	1,303.42	215.45	0.00	0.00
McCracken	21.63	20.63	38.71	65.80	0.00
McCreary	0.00	0.00	0.00	4.50	0.00
McLean	195.82	196.79	662.61	51.89	124.83
Madison	54.02	61.04	0.00	80.60	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2020

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

July 2020 through September 2020

County Name	0-0-60	18-46-0	32-0-0	46-0-0	28-0-0
Magoffin	0.00	0.00	0.00	0.00	0.00
Marion	36.59	29.07	346.93	91.42	0.80
Marshall	81.90	27.03	677.96	67.68	69.85
Martin	0.00	0.00	0.00	0.00	0.00
Mason	110.79	36.14	62.98	75.24	50.77
Meade	0.00	0.00	0.00	1.70	0.00
Menifee	0.00	1.00	0.00	0.00	0.00
Mercer	128.54	33.06	0.01	51.42	25.38
Metcalfe	65.28	63.14	0.00	144.91	0.00
Monroe	46.98	16.59	0.00	39.97	0.00
Montgomery	0.00	0.00	0.00	0.00	0.00
Morgan	49.91	0.00	0.00	69.65	0.00
Muhlenberg	0.00	0.00	127.04	5.18	0.00
Nelson	50.25	24.80	88.90	101.80	0.00
Nicholas	0.00	0.00	0.00	0.00	0.00
Ohio	152.79	130.71	0.00	40.12	75.70
Oldham	0.00	0.00	50.00	1.53	0.00
Owen	122.47	74.08	0.00	64.27	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	113.56	149.72	0.00	145.30	50.10
Robertson	0.00	0.00	0.00	0.00	0.00
Rockcastle	0.00	0.00	0.00	0.75	0.00
Rowan	1.00	98.00	0.00	5.00	0.00
Russell	4.38	1.45	0.00	3.82	0.00
Scott	10.75	1.05	49.87	10.10	100.93
Shelby	325.16	334.51	332.96	287.65	0.00
Simpson	698.50	957.11	2.23	58.88	0.00
Spencer	0.00	0.00	0.00	17.79	0.00
Taylor	51.65	47.07	3.87	68.65	0.00
Todd	499.82	418.71	192.38	66.37	50.13
Trigg	540.33	932.41	53.89	0.00	0.00
Trimble	0.00	0.00	0.00	3.40	0.00
Union	474.11	301.05	321.09	0.00	25.00
Warren	1,022.60	869.73	344.11	140.20	24.94

Distribution of Fertilizer Sales in Kentucky July through September 2020

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky
July 2020 through September 2020

County Name	0-0-60	18-46-0	32-0-0	46-0-0	28-0-0
Washington	224.88	227.32	324.66	129.82	0.00
Wayne	144.37	19.65	25.00	63.41	0.00
Webster	360.57	136.20	75.00	2.81	0.00
Whitley	0.43	1.00	0.00	0.00	0.00
Wolfe	0.00	0.00	0.00	0.00	0.00
Woodford	135.28	24.59	0.00	283.19	2.00
Unknown	0.00	0.00	0.00	0.00	0.00
Totals	19,351.51	14,875.46	9,183.34	7,219.93	4,047.19

Distribution of Fertilizer Sales in Kentucky July through September 2020

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

July 2020 through September 2020

County Name	82-0-0	11-52-0	21-0-0	31.8-0-0	16-1-0
Adair	0.00	0.00	0.00	0.00	0.00
Allen	0.00	0.00	10.78	0.00	0.00
Anderson	0.00	0.00	0.00	0.00	0.00
Ballard	183.71	0.00	10.52	0.00	0.00
Barren	0.00	0.00	218.14	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	0.00	0.00	0.00	0.00	1.00
Boyd	0.00	0.00	0.00	0.00	0.00
Boyle	0.00	0.00	2.19	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	0.35	0.00	0.00
Bullitt	0.00	0.00	0.00	0.00	0.00
Butler	0.00	0.00	12.08	0.00	0.00
Caldwell	16.92	0.00	122.39	0.00	0.00
Calloway	16.25	0.00	37.13	0.00	0.00
Campbell	0.00	0.00	0.00	0.00	0.00
Carlisle	325.78	0.00	16.43	0.00	0.00
Carroll	0.00	0.00	0.00	0.00	0.00
Carter	0.00	0.00	0.00	0.00	0.00
Casey	0.00	0.00	6.99	0.00	0.00
Christian	0.00	1,967.00	24.47	0.00	0.00
Clark	0.00	0.00	0.15	0.00	227.70
Clay	0.00	0.00	0.00	0.00	0.00
Clinton	0.00	0.00	1.98	0.00	0.00
Crittenden	0.00	0.00	0.00	480.36	0.00
Cumberland	0.00	0.00	0.00	0.00	0.00
Daviess	80.40	0.00	271.88	0.00	525.97
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	24.13	0.00	0.00
Fleming	0.00	1.00	7.55	0.00	0.00
Floyd	0.00	0.00	0.00	0.00	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2020

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

July 2020 through September 2020

County Name	82-0-0	11-52-0	21-0-0	31.8-0-0	16-1-0
Franklin	0.00	0.00	0.00	0.00	0.00
Fulton	687.72	0.00	219.47	0.00	0.00
Gallatin	0.00	0.00	0.00	0.00	0.00
Garrard	0.00	0.00	1.40	0.00	0.00
Grant	0.00	0.00	0.00	0.00	0.00
Graves	113.63	0.00	16.69	0.00	0.00
Grayson	0.00	0.00	11.71	0.00	0.00
Green	0.00	0.00	3.80	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	18.83	0.06	0.00	0.00	0.00
Harlan	0.00	0.00	0.00	0.00	0.00
Harrison	0.00	0.00	14.13	0.00	24.63
Hart	0.00	0.00	15.41	0.00	0.00
Henderson	6.61	0.00	24.48	0.00	0.00
Henry	0.00	0.00	0.00	0.00	2.00
Hickman	173.66	0.00	23.65	0.00	0.00
Hopkins	30.86	0.00	0.00	0.00	0.00
Jackson	0.00	0.00	0.00	0.00	0.00
Jefferson	0.00	0.00	17.53	0.00	0.00
Jessamine	0.00	0.00	0.95	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	0.00	0.00	0.00	0.00	0.00
Larue	0.00	0.00	0.00	0.00	0.00
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	62.64	0.00	0.00
Livingston	0.00	0.00	0.20	776.54	0.00
Logan	0.94	2.57	71.39	0.00	125.00
Lyon	0.00	0.00	0.00	188.31	0.00
McCracken	1.50	0.00	0.00	0.00	0.00
McCreary	0.00	0.00	0.00	0.00	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2020

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky

July 2020 through September 2020

County Name	82-0-0	11-52-0	21-0-0	31.8-0-0	16-1-0
McLean	96.10	0.00	0.03	0.00	48.45
Madison	0.00	0.00	5.50	0.00	0.00
Magoffin	0.00	0.00	0.00	0.00	0.00
Marion	0.00	0.00	6.66	0.00	0.00
Marshall	18.33	0.00	0.00	0.00	0.00
Martin	0.00	0.00	0.00	0.00	0.00
Mason	0.00	0.00	0.75	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	4.33	0.00	0.00
Metcalfe	0.00	0.00	44.30	0.00	0.00
Monroe	0.00	0.00	10.33	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	0.00	0.00
Nelson	0.00	0.00	0.00	0.00	0.00
Nicholas	0.00	0.00	0.00	0.00	0.00
Ohio	186.51	0.00	5.98	0.00	0.00
Oldham	0.00	0.00	0.00	0.00	0.00
Owen	0.00	0.00	0.00	0.00	12.00
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	1.20	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	0.00	0.00	0.00	0.00	0.00
Russell	0.00	0.00	0.00	0.00	0.00
Scott	0.00	0.00	0.00	0.00	120.80
Shelby	0.00	0.00	0.00	0.00	220.25
Simpson	0.00	0.00	54.84	0.00	13.00
Spencer	0.00	0.00	0.00	0.00	0.00
Taylor	0.00	0.00	3.11	0.00	0.00
Todd	20.39	0.00	3.98	0.00	0.00
Trigg	0.00	0.00	0.00	0.00	0.00
Trimble	0.00	0.00	0.00	0.00	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2020

Leading Grades by County (6-10)

Division of Regulatory Services University of Kentucky
July 2020 through September 2020

County Name	82-0-0	11-52-0	21-0-0	31.8-0-0	16-1-0
Union	133.88	0.00	0.00	0.00	0.00
Warren	134.75	0.00	0.25	0.00	0.00
Washington	0.00	0.00	175.39	0.00	55.56
Wayne	0.00	0.00	1.29	0.00	0.00
Webster	0.90	0.00	5.25	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	0.00	0.00	24.74	0.00	0.00
Unknown	0.00	0.00	0.00	0.00	0.00
Totals	2,247.66	1,970.63	1,598.51	1,445.21	1,376.36

Distribution of Fertilizer Sales in Kentucky July through September 2020

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 July 2020 through September 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	646.82	561.00	80.73	5.09	13.66	31.96	1.05	192.33	31.96	102.89
Allen	324.40	179.53	138.66	6.21	12.78	19.06	5.51	34.84	19.06	80.46
Anderson	43.83	27.95	9.52	6.36	0.80	0.81	1.69	9.28	0.81	1.69
Ballard	1,651.53	854.95	773.04	23.54	106.77	300.74	22.03	340.41	300.74	268.77
Barren	3,105.54	1,993.16	908.83	203.56	156.98	354.59	44.17	468.50	354.59	702.37
Bath	617.30	586.29	20.77	10.24	3.88	7.53	1.46	158.07	7.53	33.27
Bell	4.12	0.43	3.66	0.03	0.22	0.12	0.15	0.22	0.12	0.37
Boone	372.34	36.99	333.56	1.78	55.43	12.99	18.23	66.47	13.04	18.95
Bourbon	166.23	92.97	66.55	6.70	10.82	23.46	4.03	15.85	24.84	49.50
Boyd	113.59	42.16	65.79	5.64	9.36	2.83	4.07	24.00	3.05	4.13
Boyle	220.03	132.58	56.04	31.41	11.22	5.58	2.70	41.70	5.58	40.85
Bracken	2.19	2.00	0.13	0.06	0.02	0.03	0.02	0.94	0.03	0.02
Breathitt	7.60	0.00	7.60	0.01	0.01	0.01	0.01	0.01	0.01	
Breckinridge	1,763.16	1,209.98	547.47	5.72	94.61	240.08	7.93	354.02	243.40	339.40
Bullitt	45.97	3.69	35.53	6.75	3.63	1.09	3.81	4.70	1.09	3.82
Butler	396.92	269.49	109.89	17.55	16.29	39.62	5.68	35.13	39.62	138.74
Caldwell	746.33	656.62	70.14	19.58	10.53	21.45	7.69	206.63	21.45	25.01
Calloway	1,042.62	726.30	303.48	12.83	54.59	104.87	16.71	228.45	104.87	171.56
Campbell	138.95	28.65	93.64	16.66	7.18	8.42	7.14	13.29	8.45	16.64
Carlisle	1,000.25	944.10	48.81	7.34	6.85	15.26	4.77	359.20	15.26	227.62
Carroll	18.58	0.00	18.58	2.02	3.44	1.55	2.02	3.44	1.55	
Carter	92.65	51.29	41.36	6.73	14.53	3.27	17.78	14.53	19.61	
Casey	251.55	178.13	68.57	4.85	7.94	15.20	4.53	55.26	15.20	46.14
Christian	8,912.50	4,259.21	4,500.79	152.49	510.06	1,769.96	205.85	762.64	1,769.96	2,258.68

Distribution of Fertilizer Sales in Kentucky July through September 2020

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 July 2020 through September 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
Clark	418.49	68.06	350.13	0.30	56.63	30.52	15.61	72.68	30.52	35.37
Clay	16.56	10.00	6.14	0.42	0.02	0.01	0.01	4.38	0.01	0.01
Clinton	232.72	189.51	34.91	8.31	4.31	7.42	2.46	45.51	7.42	60.90
Crittenden	1,120.58	664.58	442.74	13.26	54.00	96.54	114.90	265.23	96.54	114.90
Cumberland	87.88	79.24	7.64	1.00	1.16	2.54	0.52	35.25	2.54	3.07
Daviess	4,315.37	2,618.08	1,509.86	187.43	202.93	280.88	119.38	713.34	309.63	643.06
Edmonson	3.39	1.63	1.76	0.38	0.52	0.11	0.38	0.52	0.81	
Elliott	0.50	0.00	0.50	0.11	0.02	0.06	0.11	0.02	0.06	
Estill	17.62	12.14	5.48	0.94	1.30	0.49	4.44	1.30	3.21	
Fayette	1,194.86	484.87	696.81	13.18	108.04	15.80	30.89	239.84	27.73	106.90
Fleming	268.80	131.50	67.81	69.49	9.03	20.69	2.28	45.61	20.69	23.17
Floyd	0.52	0.45	0.00	0.07	0.00	0.00	0.00	0.21	0.00	0.00
Franklin	129.26	12.78	112.97	3.52	11.73	2.88	5.44	14.16	2.88	6.81
Fulton	4,090.03	2,941.60	1,029.67	118.76	172.89	445.29	6.64	1,123.84	445.29	602.22
Gallatin	127.06	75.94	51.04	0.08	9.35	23.02	0.04	20.85	23.02	30.60
Garrard	111.56	72.62	12.35	26.60	2.23	4.27	0.53	12.28	4.27	28.87
Grant	55.31	6.00	49.23	0.08	6.94	7.33	6.72	9.24	7.33	7.32
Graves	1,735.91	1,178.23	482.55	75.14	70.40	144.56	45.76	464.39	144.56	220.80
Grayson	982.25	345.40	632.84	4.01	41.25	38.43	44.77	159.90	38.43	44.79
Green	472.78	246.41	129.89	96.49	22.47	56.48	1.89	54.00	56.48	105.29
Greenup	4.04	0.00	4.02	0.02	0.96	0.00	0.12	0.96	0.00	0.12
Hancock	28.37	7.49	19.76	1.12	3.86	1.98	0.93	4.65	1.98	4.32
Hardin	3,010.90	1,808.18	997.76	204.96	134.13	184.64	172.00	641.76	184.64	294.19
Harlan	6.66	0.01	6.64	0.16	0.14	0.16	0.16	0.14	0.16	

Distribution of Fertilizer Sales in Kentucky July through September 2020

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 July 2020 through September 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
Harrison	290.46	201.33	78.80	10.33	11.03	16.90	1.21	62.16	16.90	40.30
Hart	299.26	229.29	67.36	2.61	10.14	16.51	8.52	78.92	16.51	30.76
Henderson	2,020.01	989.28	900.69	130.05	148.35	375.46	17.14	273.33	457.16	271.19
Henry	662.03	524.04	88.23	49.76	9.74	9.05	13.30	64.67	26.24	229.41
Hickman	1,131.92	972.65	157.16	2.11	28.12	67.80	1.97	350.96	84.37	120.57
Hopkins	816.64	554.04	197.00	65.60	16.93	36.00	57.86	206.88	36.01	61.01
Jackson	9.00	0.45	7.78	0.77	1.22	1.66	1.66	1.43	1.66	1.66
Jefferson	1,774.33	183.40	1,578.57	12.36	226.04	59.84	99.45	287.32	59.84	102.87
Jessamine	104.85	13.63	90.72	0.50	16.24	2.45	3.28	20.23	2.45	5.01
Johnson	13.13	0.35	12.76	0.02	0.15	0.13	0.13	0.15	0.13	0.13
Kenton	290.64	7.60	280.60	2.44	47.37	4.88	13.32	49.70	4.88	13.32
Knott	0.39	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00
Knox	456.46	129.52	76.63	250.32	12.58	25.32	2.70	71.15	25.32	2.70
Larue	1,522.53	835.21	668.37	18.95	119.42	303.94	2.85	206.09	303.94	329.07
Laurel	430.58	163.64	214.82	52.11	36.18	83.80	4.48	50.91	83.80	82.89
Lawrence	1.61	0.00	1.33	0.28	0.17	0.22	0.16	0.17	0.22	0.16
Lee	2.00	2.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	
Leslie	1.00	0.00	1.00	0.05	0.13	0.08	0.05	0.13	0.08	
Letcher	5.14	1.05	3.05	1.04	0.29	0.38	0.38	0.65	0.38	0.38
Lewis	648.24	335.89	311.72	0.63	48.02	91.28	38.68	126.75	91.28	137.52
Lincoln	2,157.13	1,613.93	365.59	177.61	44.68	92.13	4.39	428.55	92.13	372.79
Livingston	2,549.12	2,140.31	390.12	18.69	35.48	81.34	109.94	684.62	81.34	167.82
Logan	3,933.11	1,784.49	1,891.36	257.26	263.94	630.94	197.26	540.45	630.94	687.62
Lyon	2,925.03	1,598.14	1,303.91	22.98	234.63	599.58	0.03	374.97	599.58	616.59

Distribution of Fertilizer Sales in Kentucky July through September 2020

McCracken	319.90	171.95	141.06	6.90	18.89	21.19	10.14	80.26	21.19	23.11
McCreary	7.08	4.50	2.25	0.33	0.41	0.41	0.41	2.48	0.41	0.41
McLean	1,740.94	1,243.40	418.26	79.28	61.67	122.77	41.59	411.96	122.77	211.86
Madison	324.24	146.49	172.84	4.91	25.37	38.37	11.23	65.39	38.37	43.77
Magoffin	1.42	0.00	1.00	0.42	0.19	0.19	0.19	0.19	0.19	0.19
Marion	691.28	504.90	180.92	5.46	28.93	32.36	32.02	192.76	32.36	54.02
Marshall	1,137.11	942.08	181.02	14.01	18.77	40.50	49.74	311.09	40.51	98.90
Mason	390.89	309.00	43.45	38.43	7.16	17.08	0.41	77.27	17.09	66.88
Meade	151.61	13.84	106.02	31.75	12.26	20.92	23.23	18.06	20.92	23.83
Menifee	1.01	0.00	1.00	0.01	0.18	0.46	0.00	0.18	0.46	0.00
Mercer	263.64	209.67	47.07	6.90	8.02	17.66	2.08	39.71	17.68	79.21
Metcalfe	432.41	266.78	164.58	1.06	20.59	35.34	7.36	99.18	35.34	49.10
Monroe	213.65	159.19	46.44	8.03	9.37	10.99	4.45	55.23	10.99	32.64
Montgomery	21.82	0.40	21.40	0.02	2.69	1.81	2.30	2.69	1.81	2.30
Morgan	144.56	119.56	0.00	25.00	0.00	0.00	0.00	32.04	0.00	29.95
Muhlenberg	218.04	132.61	76.93	8.50	6.78	14.46	22.88	49.83	14.46	22.91
Nelson	520.63	320.05	193.14	7.43	31.06	23.19	28.77	130.83	23.19	58.98
Nicholas	3.00	0.00	3.00	0.30	0.60	0.30	0.30	0.60	0.30	
Ohio	770.84	538.30	182.25	50.30	29.33	68.74	9.37	241.93	79.48	103.18
Oldham	144.63	58.79	84.41	1.43	5.47	3.49	4.10	22.28	3.49	4.59
Owen	289.83	192.00	97.41	0.42	16.31	36.14	1.94	47.67	36.14	75.42
Owsley	2.15	0.00	2.15	0.29	0.32	0.63	0.29	0.32	0.63	
Pendleton	0.75	0.00	0.75	0.08	0.02	0.04	0.08	0.02	0.04	
Perry	9.57	0.35	9.20	0.02	0.13	0.01	0.02	0.13	0.01	0.02
Pike	22.73	0.06	22.61	0.06	2.46	2.09	2.14	2.46	2.09	2.14
Powell	1.08	0.00	1.00	0.08	0.20	0.20	0.20	0.20	0.20	0.20
Pulaski	598.43	340.68	222.73	35.02	34.72	75.77	7.46	125.79	75.77	75.67
Rockcastle	2.19	0.75	1.43	0.02	0.23	0.37	0.18	0.58	0.37	0.18
Rowan	399.36	9.36	389.98	0.02	54.22	99.30	50.72	56.53	99.30	52.94
Russell	36.60	12.77	22.33	1.50	3.44	4.12	3.29	6.76	4.12	5.92

Distribution of Fertilizer Sales in Kentucky July through September 2020

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 July 2020 through September 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
Scott	431.88	174.38	252.04	5.47	34.93	9.57	8.32	83.83	9.57	15.44
Shelby	1,743.71	996.50	694.87	52.33	115.70	169.99	20.61	370.08	169.99	217.35
Simpson	2,199.15	996.24	1,155.42	47.49	188.62	458.80	22.42	245.36	458.80	466.31
Spencer	29.13	21.13	6.04	1.96	0.85	0.60	1.16	9.60	0.60	1.59
Taylor	313.80	173.11	129.11	11.58	20.75	31.28	11.28	70.30	31.28	42.27
Todd	1,581.57	955.31	524.73	101.53	85.02	210.09	25.38	210.81	210.29	355.80
Trigg	2,217.82	1,200.25	993.56	24.01	174.83	455.74	1.52	194.71	455.74	534.47
Trimble	13.48	3.40	9.43	0.65	1.54	0.07	0.41	3.11	0.07	0.41
Union	4,237.57	1,296.67	2,818.43	122.48	255.43	824.78	566.24	578.12	824.79	850.79
Warren	3,090.87	1,718.81	1,246.91	125.15	221.39	428.43	31.64	524.40	432.16	647.25
Washington	1,444.11	1,006.73	321.07	116.31	55.28	110.11	7.08	256.09	110.11	174.88
Wayne	268.88	238.99	29.01	0.87	4.13	9.73	0.71	42.98	9.73	87.72
Webster	932.91	474.01	219.69	239.21	30.97	76.14	29.05	66.49	76.14	245.39
Whitley	47.84	0.69	47.11	0.04	4.71	4.32	3.95	4.72	4.32	4.21
Woodford	495.67	445.21	44.52	5.95	6.20	12.85	2.00	142.22	12.85	83.17
Unknown	746.41	0.00	46.42	699.99	2.34	0.02	1.31	2.34	0.02	1.31