

Distribution of Fertilizer Sales
In
Kentucky
Fertilizer Year: 2021
July through September 2021

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



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

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DISTRIBUTION OF FERTILIZER SALES IN KENTUCKY

July through September 2021

INTRODUCTION

This report provides data on fertilizer movement in Kentucky for the period of July through September 2021. 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 UFTRS Version 10 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 2021

Total Fertilizer Summary

Division of Regulatory Services University of Kentucky

July 2021 through September 2021

	Total	Bag	Container		Use	
			Bulk	Liquid	Farm	Nonfarm
Multi-Nutrient	34,373.37	5,301.83	27,985.14	1,086.40	30,568.67	3,804.70
Nitrogen	38,211.59	925.37	11,574.85	25,711.37	38,045.37	166.23
Phosphate	765.16	4.60	760.31	0.25	764.92	0.24
Potash	41,915.11	496.18	41,278.45	140.49	41,797.32	117.80
Organics	283.00	23.57	258.47	0.96	281.34	1.66
Sec/Micro	1,394.70	473.22	557.01	364.47	1,193.48	201.22
Miscellaneous	4,655.05	738.86	1,516.62	2,399.58	4,612.14	42.91
Total	121,597.97	7,963.62	83,930.85	29,703.51	117,263.22	4,334.75

Percentage by container:

Bagged	6.55%
Bulk	69.02%
Liquid	24.43%

Percentage by use:

Farm	96.44%
Non-Farm	3.56%

Distribution of Fertilizer Sales in Kentucky July through September 2021

Historical Total Fertilizer
 Division of Regulatory Services University of Kentucky
Current- July 2021 through September 2021
 Historical – July 2020 through September 2020

	Total		Bag		Container Bulk		Liquid		Farm		Use Non-Farm	
	Historical	Current	Historical	Current	Historical	Current	Historical	Current	Historical	Current	Historical	Current
Multi-Nutrient	35,018.12	34,373.37	6,657.29	5,301.83	27,231.83	27,985.14	1,128.99	1,086.40	29,887.34	30,568.67	5,130.78	3,804.70
Nitrogen	29,292.21	38,211.59	686.74	925.37	10,256.29	11,574.85	18,349.18	25,711.37	29,113.24	38,045.37	178.97	166.23
Phosphate	380.98	765.16	3.02	4.60	377.69	760.31	0.28	0.25	380.72	764.92	0.27	0.24
Potash	21,798.09	41,915.11	236.92	496.18	21,442.59	41,278.45	118.59	140.49	21,612.30	41,797.32	185.79	117.80
Organics	9.89	283.00	9.85	23.57	0.00	258.47	0.04	0.96	5.00	281.34	4.89	1.66
Sec/Micro	901.86	1,394.70	442.95	473.22	110.74	557.01	348.18	364.47	798.86	1,193.48	103.01	201.22
Miscellaneous	3,415.98	4,655.05	276.83	738.86	2,226.76	1,516.62	912.39	2,399.58	3,248.81	4,612.14	167.17	42.91
Total	90,817.13	121,597.97	8,313.59	7,963.62	61,645.89	83,930.85	20,857.65	29,703.51	85,046.27	117,263.22	5,770.86	4,334.75

Percentage changed:

Total	33.89%
Bagged	-4.21%
Bulk	36.15%
Liquid	42.41%
Farm	37.88%
Non-Farm	-24.89%

Distribution of Fertilizer Sales in Kentucky July through September 2021

Detail Fertilizer Summary

Division of Regulatory Services University of Kentucky

July 2021 through September 2021

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

Code	Grade	Total	Bag	Bulk	Liquid	Farm	Non-Farm
0	0-0-0	0.38	0.00	0.00	0.38	0.38	0.00
0	9-23-30	1,078.47	17.00	1,061.47	0.00	1,078.47	0.00
0	10-10-10	364.43	360.17	1.36	2.90	322.52	41.91
0	10-20-20	164.60	164.60	0.00	0.00	164.60	0.00
0	12-0-0	0.74	0.00	0.00	0.74	0.25	0.49
0	16-0-4	332.57	332.57	0.00	0.00	2.00	330.57
0	19-19-19	683.24	627.90	55.34	0.00	676.01	7.23
0	22-0-4	129.71	129.71	0.00	0.00	0.00	129.71
0	25-0-5	318.65	318.65	0.00	0.00	0.00	318.65
0	32-0-3	141.63	141.63	0.00	0.00	71.00	70.63
2	82-0-0	494.44	0.00	39.19	455.25	494.44	0.00
10	33.5-0-0	348.54	0.00	348.54	0.00	348.54	0.00
10	34-0-0	252.50	165.18	87.32	0.00	252.50	0.00
16	30-0-0	149.19	0.00	149.19	0.00	149.19	0.00
24	21-0-0	2,468.46	12.30	2,450.76	5.40	2,463.18	5.28
31	12-0-0	183.59	0.00	0.00	183.59	182.73	0.86
58	28-0-0	5,523.94	0.38	0.00	5,523.56	5,498.54	25.40
59	30-0-0	2,135.65	0.00	0.00	2,135.65	2,133.25	2.40
60	32-0-0	14,938.43	0.00	0.00	14,938.43	14,913.43	25.00
61	46-0-0	72.58	0.00	0.00	72.58	72.58	0.00
66	46-0-0	7,682.06	538.97	7,143.09	0.00	7,645.76	36.30
97	12-0-0	0.22	0.00	0.00	0.22	0.22	0.00
97	30-0-0	31.59	1.13	30.46	0.00	30.46	1.13
98	0-0-0	8.68	0.00	0.00	8.68	8.68	0.00
203	18-46-0	17,160.49	3.04	17,157.45	0.00	17,160.49	0.00
205	0-0-0	159.88	0.20	159.68	0.00	159.88	0.00
267	0-46-0	684.89	4.50	680.39	0.00	684.89	0.00
297	12-40-0	176.10	0.00	176.10	0.00	176.10	0.00
428	0-0-60	38,066.51	18.23	38,048.28	0.00	37,997.02	69.49
443	0-0-22	659.09	8.28	624.66	26.16	657.29	1.80
463	0-0-50	1,132.20	429.93	702.28	0.00	1,126.58	5.63
498	0-0-0	0.68	0.00	0.00	0.68	0.68	0.00
698	0-0-0	45.74	45.74	0.00	0.00	45.74	0.00
702	0-0-0	3.52	0.00	3.52	0.00	3.52	0.00
706	0-0-0	99.51	61.96	2.23	35.32	99.51	0.00
720	0-0-0	1.01	0.66	0.35	0.00	1.01	0.00
728	0-0-0	342.61	342.61	0.00	0.00	6.61	336.00

Distribution of Fertilizer Sales in Kentucky July through September 2021

Detail Fertilizer Summary

Division of Regulatory Services University of Kentucky

July 2021 through September 2021

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

Code	Grade	Total	Bag	Bulk	Liquid	Farm	Non-Farm
730	0-0-0	0.77	0.77	0.00	0.00	0.76	0.01
732	0-0-0	925.45	46.25	879.20	0.00	925.45	0.00
733	0-0-0	39.50	0.14	0.00	39.36	39.50	0.00
734	0-0-0	0.02	0.00	0.00	0.02	0.00	0.02
744	0-0-0	21.58	3.08	18.40	0.10	21.58	0.00
745	0-0-0	0.37	0.20	0.00	0.17	0.37	0.00
749	0-0-0	1.04	0.58	0.00	0.46	1.04	0.00
750	0-0-0	0.04	0.04	0.00	0.00	0.04	0.00
754	0-0-0	40.35	40.15	0.00	0.20	40.35	0.00
764	0-0-0	2.01	2.01	0.00	0.00	0.06	1.95
766	0-0-0	0.08	0.08	0.00	0.00	0.00	0.08
770	0-0-0	377.34	241.14	128.86	7.34	369.34	8.00
773	0-0-0	13.34	13.34	0.00	0.00	13.34	0.00
778	0-0-0	0.35	0.35	0.00	0.00	0.35	0.00
780	0-0-0	37.34	0.00	37.34	0.00	37.34	0.00
782	0-0-0	0.17	0.15	0.00	0.02	0.17	0.00
784	0-0-0	47.07	0.02	0.00	47.05	47.07	0.00
797	0-0-0	599.77	55.30	0.12	544.35	543.39	56.37
798	0-0-0	233.43	137.60	44.00	51.83	233.43	0.00
978	0-0-0	9,309.58	1,477.56	3,033.24	4,798.77	9,223.80	85.78

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

Total	107,686.10
Bagged	5,744.09
Bulk	73,062.81
Liquid	28,879.21
Farm	106,125.43
Non-Farm	1,560.68

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

Total	11,154.63
Bagged	1,208.14
Bulk	7,998.07
Liquid	1,958.42
Farm	9,822.67
Non-Farm	1,331.96

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Detail Fertilizer Summary

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Totals for grades with less than 100 tons:

Total	9,242.03
Bagged	2,575.34
Bulk	5,033.44
Liquid	1,633.24
Farm	7,226.83
Non-Farm	2,015.20

Grand totals for all:

Total	121,597.97
Bagged	7,963.62
Bulk	83,930.85
Liquid	29,703.51
Farm	117,263.22
Non-Farm	4,334.75

Distribution of Fertilizer Sales in Kentucky July through September 2021

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

July 2021 through September 2021

County Name	0-0-60	18-46-0	32-0-0	46-0-0	28-0-0
Adair	45.43	1,512.07	24.06	574.68	0.00
Allen	0.00	48.46	16.72	79.42	0.00
Anderson	0.00	0.00	0.00	2.55	0.00
Ballard	609.03	410.19	0.00	25.50	0.00
Barren	5,766.81	299.42	1.17	380.96	0.62
Bath	0.35	0.40	0.00	98.00	298.24
Bell	0.00	0.00	0.00	0.00	0.00
Boone	0.00	0.00	0.00	20.00	0.00
Bourbon	98.86	70.17	0.00	6.00	0.94
Boyd	0.00	0.00	0.00	0.00	0.00
Boyle	119.91	1.25	0.01	25.63	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	303.38	415.15	3.07	129.53	133.18
Bullitt	0.00	0.00	0.00	10.10	0.00
Butler	3,878.13	63.47	0.00	94.98	0.00
Caldwell	120.99	145.85	177.60	17.05	0.00
Calloway	142.41	90.70	573.22	326.04	22.99
Campbell	0.00	0.00	0.00	28.75	0.00
Carlisle	432.44	334.32	14.12	6.30	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	26.90	9.49	0.00	65.88	0.00
Christian	3,813.16	851.69	1,283.53	220.77	173.80
Clark	0.00	0.00	0.00	354.60	0.00
Clay	0.00	0.00	0.00	0.00	0.00
Clinton	80.44	31.82	95.98	79.40	0.00
Crittenden	18.46	0.00	16.98	0.15	0.00
Cumberland	0.00	1.35	0.00	1.00	0.00
Daviess	1,190.21	657.24	778.90	45.96	1,093.95
Edmonson	0.00	0.00	11.03	0.00	0.00
Elliott	0.00	0.00	0.00	0.00	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2021

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

July 2021 through September 2021

County Name	0-0-60	18-46-0	32-0-0	46-0-0	28-0-0
Estill	8.40	3.40	0.00	1.50	0.00
Fayette	6.28	0.95	0.00	33.25	0.00
Fleming	438.66	134.71	5.50	289.95	0.00
Floyd	0.00	0.00	0.00	0.00	0.00
Franklin	0.00	0.00	0.00	16.20	0.00
Fulton	56.47	70.33	433.70	92.42	401.35
Gallatin	0.00	0.00	0.00	0.00	0.00
Garrard	25.09	37.45	30.34	11.22	0.00
Grant	0.00	0.00	0.00	0.00	0.00
Graves	49.36	42.09	709.39	81.42	0.00
Grayson	180.57	47.76	0.00	52.68	0.00
Green	293.06	50.09	0.00	105.80	0.00
Greenup	0.00	0.00	0.00	0.00	0.00
Hancock	101.90	50.33	49.99	26.09	0.00
Hardin	933.60	194.50	1,204.22	34.07	330.73
Harlan	0.00	0.00	0.00	0.00	0.00
Harrison	273.48	35.30	0.00	461.61	99.96
Hart	4.40	0.00	26.24	4.36	0.00
Henderson	3,320.39	1,880.55	1,121.98	92.94	3.31
Henry	279.46	68.08	191.61	139.16	0.00
Hickman	103.22	63.48	414.95	85.29	0.00
Hopkins	0.00	0.00	846.78	4.57	225.12
Jackson	0.00	0.00	0.00	0.00	0.00
Jefferson	0.00	1.00	108.37	168.15	0.00
Jessamine	3.00	0.00	0.00	17.38	0.00
Johnson	0.00	0.00	0.00	0.00	0.00
Kenton	0.00	0.00	0.00	0.20	0.38
Knott	0.00	0.00	0.00	0.00	0.00
Knox	0.00	0.00	0.00	0.00	0.00
Larue	2,176.46	280.96	50.00	209.74	0.00
Laurel	48.87	0.00	0.00	1.00	0.00
Lawrence	0.00	0.00	0.00	0.00	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2021

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

July 2021 through September 2021

County Name	0-0-60	18-46-0	32-0-0	46-0-0	28-0-0
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	19.00	0.00
Lincoln	370.84	162.22	295.49	410.94	0.00
Livingston	5.05	0.00	874.27	6.00	0.00
Logan	1,986.90	2,874.81	101.86	685.24	848.82
Lyon	1,883.67	1,661.41	247.79	0.78	0.00
McCracken	3.78	3.28	81.28	151.57	0.00
McCreary	0.00	0.00	0.00	0.00	0.00
McLean	557.85	266.85	1,371.88	2.68	50.18
Madison	20.50	5.53	0.00	7.95	0.26
Magoffin	0.00	0.00	0.00	0.00	0.00
Marion	28.12	13.80	341.00	63.49	0.00
Marshall	20.95	33.24	364.47	17.36	19.39
Martin	0.00	0.00	0.00	0.00	0.00
Mason	50.38	16.71	182.19	46.24	0.00
Meade	1.00	0.00	0.00	46.30	0.00
Menifee	0.00	0.00	0.00	0.00	0.00
Mercer	185.14	14.29	25.04	164.21	0.00
Metcalfe	27.23	14.09	0.00	1.84	0.00
Monroe	11.64	9.62	0.00	54.31	0.00
Montgomery	0.00	0.00	0.00	0.00	0.00
Morgan	0.00	0.00	0.00	75.64	0.00
Muhlenberg	0.00	0.00	0.00	11.41	0.00
Nelson	111.08	46.14	174.99	8.76	0.00
Nicholas	0.00	0.00	0.00	0.00	0.00
Ohio	199.72	58.13	0.00	32.19	100.84
Oldham	0.00	0.00	0.00	0.05	0.00
Owen	2,394.96	1,124.74	60.12	107.88	0.00
Owsley	0.00	0.00	0.00	0.00	0.00
Pendleton	0.00	0.00	0.00	0.00	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2021

Leading Grades by County (1-5)

Division of Regulatory Services University of Kentucky

July 2021 through September 2021

County Name	0-0-60	18-46-0	32-0-0	46-0-0	28-0-0
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	6.63	0.00
Pulaski	283.77	40.77	173.74	186.99	0.00
Robertson	0.00	0.00	0.00	0.00	0.00
Rockcastle	4.20	1.40	0.00	0.00	0.00
Rowan	3.00	0.00	0.00	120.10	0.00
Russell	5.56	0.90	0.00	5.28	0.00
Scott	101.62	50.74	99.96	156.49	49.64
Shelby	2,377.97	257.20	2.48	379.55	598.60
Simpson	537.70	740.94	1,498.54	0.00	0.00
Spencer	0.00	0.00	0.00	1.05	0.00
Taylor	257.49	7.74	79.16	10.55	0.00
Todd	153.16	918.74	121.61	50.16	844.74
Trigg	593.75	818.12	202.34	0.00	201.88
Trimble	0.00	0.00	0.00	0.00	0.00
Union	4.16	3.10	414.49	0.02	0.00
Warren	76.92	76.48	0.24	0.26	0.00
Washington	559.13	24.42	0.00	53.78	0.00
Wayne	21.31	11.07	36.04	46.78	25.02
Webster	2.00	0.00	0.00	2.78	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	276.40	0.00	0.00	298.16	0.00
Unknown	0.00	0.00	0.00	0.00	0.00
Totals	38,066.51	17,160.49	14,938.4	7,754.64	5,523.94

Distribution of Fertilizer Sales in Kentucky July through September 2021

Leading Grades by County (6 - 10)

Division of Regulatory Services University of Kentucky

July 2021 through September 2021

County Name	21-0-0	11-52-0	30-0-0	0-0-21	0-0-50
Adair	69.75	0.00	0.00	0.00	0.00
Allen	0.00	0.00	0.00	0.00	0.00
Anderson	0.00	0.00	0.00	0.00	0.00
Ballard	105.26	0.00	0.00	0.00	0.00
Barren	913.88	0.00	0.00	396.70	0.68
Bath	0.10	0.00	0.00	0.00	0.00
Bell	0.00	0.00	0.00	0.00	0.55
Boone	0.00	0.00	0.00	0.00	1.38
Bourbon	0.00	0.00	0.00	0.00	0.00
Boyd	0.00	0.00	0.00	0.00	0.00
Boyle	0.93	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	0.13	0.00	50.00	0.00	0.00
Bullitt	0.50	0.00	0.00	0.00	0.00
Butler	30.90	0.00	0.00	0.00	0.00
Caldwell	296.67	0.00	0.00	0.00	0.00
Calloway	6.90	0.00	0.00	9.40	8.88
Campbell	0.00	0.00	0.00	0.00	0.00
Carlisle	0.00	0.00	0.00	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	11.47	0.00	0.00	0.00	0.00
Christian	0.15	2,335.47	0.00	199.74	15.32
Clark	0.00	0.00	0.00	0.00	0.00
Clay	0.00	0.00	0.00	0.00	0.00
Clinton	1.98	0.00	0.00	0.00	0.20
Crittenden	0.00	0.00	0.00	0.00	0.00
Cumberland	0.00	0.00	0.00	0.00	0.00
Daviess	36.54	0.00	268.91	0.00	10.50
Edmonson	0.00	0.00	0.00	0.00	0.00
Elliott	0.00	0.00	0.00	0.00	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2021

Leading Grades by County (6 - 10)

Division of Regulatory Services University of Kentucky

July 2021 through September 2021

County Name	21-0-0	11-52-0	30-0-0	0-0-21	0-0-50
Estill	0.50	0.00	0.00	0.00	0.00
Fayette	0.00	0.00	1.07	0.00	0.75
Fleming	111.01	0.00	0.00	0.00	0.00
Floyd	0.00	0.00	0.13	0.00	0.00
Franklin	0.00	0.00	0.00	0.00	0.00
Fulton	3.30	0.00	0.00	0.00	0.00
Gallatin	0.00	0.00	0.00	0.00	0.00
Garrard	0.95	0.00	0.00	0.00	0.00
Grant	0.00	0.00	0.00	0.00	0.00
Graves	2.28	0.00	142.01	0.00	1.83
Grayson	0.00	0.04	0.00	0.00	0.00
Green	2.50	0.00	0.00	0.00	0.00
Greenup	0.00	0.00	0.00	0.00	0.25
Hancock	0.00	0.00	0.00	0.00	0.00
Hardin	0.00	0.00	35.76	0.00	0.00
Harlan	0.00	0.00	0.00	0.00	0.00
Harrison	60.23	0.00	0.00	0.00	0.75
Hart	0.00	0.00	0.00	0.00	0.00
Henderson	1.56	0.00	1,054.80	0.00	461.60
Henry	0.00	0.00	0.00	0.00	0.00
Hickman	46.56	0.00	7.18	0.00	0.00
Hopkins	0.08	0.00	66.00	0.00	0.13
Jackson	0.00	0.00	0.00	0.00	0.00
Jefferson	1.00	0.00	1.04	0.00	4.70
Jessamine	6.65	0.00	0.00	0.00	0.00
Johnson	0.00	0.00	0.00	0.00	0.00
Kenton	2.04	0.00	1.13	0.00	2.25
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	252.96	0.00
Laurel	0.00	0.00	0.00	0.00	0.00
Lawrence	0.00	0.00	0.00	0.00	0.00

Distribution of Fertilizer Sales in Kentucky July through September 2021

Leading Grades by County (6 - 10)

Division of Regulatory Services University of Kentucky
July 2021 through September 2021

County Name	21-0-0	11-52-0	30-0-0	0-0-21	0-0-50
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	33.18	0.00	0.00	0.00	5.60
Livingston	0.00	0.00	0.00	0.00	0.00
Logan	372.52	0.00	0.00	2.74	304.16
Lyon	0.00	0.00	8.34	0.00	0.00
McCracken	0.00	0.00	0.00	0.00	1.00
McCreary	0.00	0.00	0.00	0.00	0.03
McLean	52.60	0.00	28.00	0.00	0.00
Madison	0.00	0.00	0.13	0.00	0.37
Magoffin	0.00	0.00	0.00	0.00	0.00
Marion	0.35	0.00	0.00	0.00	0.00
Marshall	0.00	0.00	0.00	0.00	0.20
Martin	0.00	0.00	0.00	0.00	0.00
Mason	4.55	0.00	0.00	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	3.20	0.00	0.00	0.00	0.00
Metcalfe	16.90	0.00	0.00	0.00	0.00
Monroe	1.15	0.00	0.00	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	0.15	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	0.38	0.00	0.00	0.00	0.00
Oldham	0.00	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

Distribution of Fertilizer Sales in Kentucky July through September 2021

Leading Grades by County (6 - 10)

Division of Regulatory Services University of Kentucky

July 2021 through September 2021

County Name	21-0-0	11-52-0	30-0-0	0-0-21	0-0-50
Pendleton	2.00	0.00	0.03	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	0.00	0.00	3.40
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	0.00
Shelby	60.12	0.00	0.00	0.00	0.00
Simpson	0.00	0.00	0.00	302.70	0.00
Spencer	0.00	0.00	0.00	0.00	0.00
Taylor	1.92	0.00	0.00	0.00	0.00
Todd	0.00	0.00	0.00	206.94	1.32
Trigg	0.00	0.00	0.00	0.00	0.00
Trimble	0.00	0.00	0.00	0.00	0.00
Union	0.41	0.00	651.90	0.00	0.00
Warren	0.00	0.00	0.00	0.00	0.00
Washington	128.30	0.00	0.00	0.00	304.36
Wayne	0.51	0.00	0.00	0.00	0.00
Webster	0.00	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	76.42	0.00	0.00	0.00	2.00
Unknown	0.00	0.00	0.00	0.00	0.00
Totals:	2,468.46	2,335.51	2,316.43	1,371.18	1,132.20

Distribution of Fertilizer Sales in Kentucky July through September 2021

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 July 2021 through September 2021

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	2,263.87	733.46	1,527.01	3.40	274.00	696.95	2.81	568.50	696.95	30.09
Allen	312.32	176.83	126.77	8.72	14.12	26.97	3.48	56.04	26.97	3.50
Anderson	5.28	2.55	0.86	1.87	0.12	0.08	0.09	1.29	0.08	0.09
Ballard	1,615.28	1,000.94	599.14	15.20	99.00	255.98	3.32	222.78	255.98	368.73
Barren	8,453.11	7,846.13	556.10	50.87	76.89	176.98	60.63	503.98	176.98	3,648.30
Bath	418.03	404.83	12.95	0.25	3.27	1.46	1.72	134.25	1.46	1.93
Bell	1.98	0.75	1.10	0.13	0.20	0.08	0.15	0.20	0.08	0.43
Boone	462.87	23.03	409.28	30.56	65.36	11.90	21.20	74.58	11.90	22.16
Bourbon	268.85	130.07	86.76	52.01	15.02	33.45	1.52	22.91	35.29	62.38
Boyd	25.29	0.63	24.66	4.61	0.21	1.19	4.62	0.21	1.21	
Boyle	222.90	149.15	51.71	22.04	5.98	5.25	5.03	18.66	5.42	76.98
Bracken	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Breathitt	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	
Breckinridge	1,373.36	682.63	450.27	240.46	78.47	198.24	7.49	240.24	198.24	189.52
Bullitt	45.40	10.79	26.07	8.54	3.10	1.36	1.96	7.87	1.36	1.96
Butler	4,202.49	4,113.56	82.59	6.34	13.88	32.69	4.24	64.95	80.84	2,331.56
Caldwell	1,215.11	848.10	313.63	53.38	46.56	105.68	31.74	193.35	105.68	140.91
Calloway	1,472.61	1,095.78	354.56	22.28	45.09	88.48	54.14	387.08	88.48	146.43
Campbell	154.65	28.76	124.87	1.02	18.09	16.93	18.74	31.31	16.93	18.74
Carlisle	846.57	486.81	354.52	5.24	61.86	157.93	5.74	85.99	157.93	265.20
Carroll	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
Carter	3.74	0.08	2.55	1.11	0.28	0.58	0.16	0.29	0.58	0.18
Casey	175.16	106.99	65.89	2.28	15.04	11.10	8.63	48.68	11.10	24.77
Christian	10,059.97	5,856.64	4,090.64	112.69	480.39	1,764.07	192.82	1,100.04	1,764.07	2,536.96
Clark	410.07	354.88	54.85	0.34	5.59	5.07	4.95	168.72	5.07	4.95

Distribution of Fertilizer Sales in Kentucky July through September 2021

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 July 2021 through September 2021

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
Clay	0.08	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	
Clinton	353.29	258.24	90.50	4.55	13.82	33.18	1.06	81.55	33.18	49.42
Crittenden	1,103.91	877.20	198.30	28.41	28.13	40.71	49.75	298.23	40.71	60.93
Cumberland	66.39	59.36	7.00	0.03	1.02	1.41	0.80	22.63	1.41	0.80
Daviess	5,270.31	3,600.14	1,215.49	454.68	159.10	390.48	134.75	863.91	390.50	863.16
Edmonson	82.60	11.03	2.82	68.75	0.61	0.11	0.33	6.88	0.80	1.02
Estill	15.80	10.40	4.40	1.00	0.71	1.66	0.10	1.51	1.66	5.14
Fayette	631.00	62.02	545.96	23.03	106.88	9.41	28.08	128.00	9.51	32.39
Fleming	1,050.75	845.12	188.23	17.40	27.78	74.69	3.53	186.23	74.69	266.73
Floyd	2.97	0.22	2.75	0.52	0.52	0.52	0.56	0.52	0.52	
Franklin	62.06	18.90	43.11	0.06	4.00	0.28	0.90	11.55	0.28	0.90
Fulton	1,210.67	1,028.77	96.70	85.21	14.37	36.40	1.09	340.87	36.40	35.53
Gallatin	1.05	0.00	1.05	0.35	0.00	0.05	0.35	0.00	0.05	
Garrard	115.49	72.98	39.25	3.26	7.09	17.48	0.36	22.19	17.48	16.54
Grant	16.06	0.00	16.06	0.81	1.57	1.90	0.81	1.57	1.90	
Graves	1,585.64	1,109.67	275.94	200.03	21.65	51.02	64.29	368.33	51.02	95.18
Grayson	453.78	294.64	152.01	7.13	20.66	39.10	29.27	72.67	39.10	137.61
Green	549.05	401.83	73.00	74.22	12.65	24.57	6.49	61.85	24.57	182.45
Greenup	0.97	0.25	0.72	0.10	0.12	0.12	0.10	0.12	0.25	
Hancock	357.52	286.50	69.09	1.93	12.81	23.15	1.13	70.46	45.76	67.37
Hardin	4,762.66	3,224.82	1,013.05	524.79	137.83	198.51	188.97	872.35	198.51	752.54
Harlan	0.15	0.00	0.15	0.02	0.00	0.03	0.02	0.00	0.03	
Harrison	1,145.49	1,009.66	37.48	98.36	6.71	16.28	0.10	281.13	39.54	164.56
Hart	246.46	61.02	143.04	42.41	17.67	19.18	29.81	37.13	19.18	32.45

Distribution of Fertilizer Sales in Kentucky July through September 2021

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 July 2021 through September 2021

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
Henderson	8,787.34	6,201.60	2,304.84	280.90	377.02	1,000.35	57.44	1,115.85	1,036.92	2,281.44
Henry	1,012.62	660.18	349.49	2.95	38.83	44.40	50.60	185.29	44.40	219.70
Hickman	1,245.82	1,161.15	67.62	17.05	11.92	29.65	0.66	254.40	184.86	62.61
Hopkins	1,338.43	1,168.76	120.74	48.93	12.79	18.75	18.59	371.93	22.92	19.18
Jackson	1.00	0.00	1.00	0.19	0.19	0.19	0.19	0.19	0.19	
Jefferson	1,844.41	333.64	1,498.02	12.75	242.46	62.09	101.68	357.86	62.14	112.59
Jessamine	109.87	31.50	77.71	0.67	15.71	1.97	4.46	26.19	1.97	6.33
Johnson	33.81	0.70	33.11	5.39	4.67	2.82	5.44	4.67	2.82	
Kenton	150.72	10.93	138.56	1.23	24.29	6.67	8.04	26.27	6.67	9.30
Knox	5.20	4.42	0.78	0.01	0.10	0.15	0.07	0.17	0.15	0.07
Larue	3,009.26	2,705.50	294.22	9.54	51.78	131.80	1.24	171.53	131.80	1,360.23
Laurel	91.22	54.58	36.64	3.39	2.66	2.80	5.29	2.66	32.12	
Lawrence	1.05	0.33	0.63	0.09	0.09	0.00	0.10	0.11	0.00	0.13
Lewis	111.00	19.00	92.00	12.35	16.25	17.44	21.09	16.25	17.44	
Lincoln	1,512.13	1,247.12	191.22	73.79	33.83	77.91	4.82	333.77	100.75	240.53
Livingston	1,540.70	1,185.70	275.28	79.72	39.50	44.50	50.33	416.19	44.50	53.48
Logan	8,389.81	4,432.72	3,724.88	232.22	596.91	1,517.80	207.91	1,300.60	1,517.80	1,552.82
Lyon	3,876.01	2,192.77	1,661.73	21.51	299.10	764.25	0.05	397.42	764.25	1,130.32
Mc Cracken	415.47	312.79	101.51	1.17	15.78	6.05	6.47	163.91	6.05	9.65
Mc Creary	7.64	0.03	7.61	1.44	1.44	1.44	1.44	1.44	1.46	
Mc Lean	2,756.66	2,172.98	506.08	77.60	76.79	161.23	52.04	621.35	161.23	386.75
Madison	102.25	32.01	68.32	1.92	12.47	3.53	2.86	16.71	3.53	15.46
Magoffin	4.60	0.00	4.60	0.87	0.87	0.87	0.87	0.87	0.87	
Marion	608.23	478.60	111.77	17.86	14.86	20.63	23.53	164.88	20.63	44.71
Marshall	786.30	463.78	192.31	130.21	23.24	47.79	44.18	173.98	47.80	57.17

Distribution of Fertilizer Sales in Kentucky July through September 2021

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 July 2021 through September 2021

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
Mason	352.61	305.36	33.73	13.52	4.75	10.30	2.72	85.72	10.30	32.95
Meade	274.72	53.46	72.89	148.37	10.66	11.72	13.95	38.52	12.66	15.49
Menifee	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	
Mercer	422.39	377.98	39.85	4.56	6.87	9.68	3.13	91.18	9.68	114.22
Metcalfe	377.09	238.39	137.81	0.89	31.27	13.07	14.26	109.88	13.07	30.60
Monroe	335.83	123.73	97.20	114.90	17.11	11.13	12.55	62.46	11.13	19.55
Montgomery	21.70	0.28	19.91	1.51	0.24	0.04	0.10	0.25	0.04	0.10
Morgan	126.39	75.64	0.75	50.00	0.15	0.11	0.14	34.94	0.11	0.14
Muhlenberg	134.86	11.91	116.10	6.85	10.62	22.79	31.35	15.92	22.79	31.35
Nelson	507.48	318.09	175.70	13.68	20.94	40.49	19.53	87.79	40.49	86.20
Ohio	485.77	375.78	107.47	2.52	16.26	33.58	12.85	93.51	33.59	132.69
Oldham	221.42	3.16	218.11	0.15	20.22	22.97	42.42	20.26	22.97	42.63
Owen	3,801.64	2,563.00	1,137.18	101.46	204.79	519.72	2.33	277.48	520.68	1,440.26
Owsley	0.15	0.00	0.15	0.03	0.00	0.03	0.03	0.00	0.03	
Pendleton	2.31	2.06	0.25	0.03	0.01	0.02	0.46	0.01	0.02	
Perry	12.16	0.00	12.16	0.14	0.01	0.04	0.14	0.01	0.04	
Pike	23.10	0.00	23.10	0.74	0.36	0.47	0.74	0.36	0.47	
Powell	7.09	6.63	0.46	0.07	0.07	0.07	3.12	0.07	0.07	
Pulaski	888.34	705.54	169.91	12.89	21.36	35.50	19.00	172.44	35.50	193.03
Robertson	1.51	0.00	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.00
Rockcastle	7.21	4.20	3.01	0.57	0.66	0.09	0.57	0.66	2.61	
Rowan	527.82	144.93	377.60	5.29	49.80	65.93	68.31	107.29	65.93	74.83
Russell	37.93	13.02	22.66	2.25	3.95	3.91	3.44	7.13	3.91	6.78
Scott	1,023.33	408.68	120.60	494.06	22.78	24.03	2.09	140.66	24.03	63.11
Shelby	4,324.03	3,427.00	670.36	226.67	97.58	162.43	87.00	453.27	162.43	1,516.33

Distribution of Fertilizer Sales in Kentucky July through September 2021

Total Fertilizer and Nutrients by County
 Division of Regulatory Services University of Kentucky
 July 2021 through September 2021

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
Simpson	3,357.70	2,367.85	922.24	67.61	148.94	368.02	35.69	631.73	368.02	421.88
Spencer	14.40	4.25	7.74	2.41	1.45	0.29	1.47	1.93	0.29	2.22
Taylor	451.31	355.89	61.35	34.07	8.52	10.03	7.37	40.56	10.03	161.87
Todd	2,703.66	1,422.87	1,181.06	99.73	188.76	479.28	61.91	493.16	479.28	199.47
Trigg	2,536.81	1,677.71	845.05	14.05	150.83	380.58	3.36	273.44	380.58	572.74
Trimble	9.05	0.00	8.74	0.31	1.50	0.05	0.37	1.50	0.05	0.37
Union	3,817.94	1,564.53	1,455.62	797.80	96.50	280.66	453.31	574.35	280.66	457.27
Warren	898.59	275.26	571.78	51.55	94.97	89.77	34.28	149.55	89.77	83.38
Washington	1,279.49	1,045.91	35.66	197.92	5.15	12.31	1.71	56.84	12.31	489.37
Wayne	148.13	130.95	15.73	1.45	2.69	5.87	0.79	43.29	5.87	13.58
Webster	833.36	68.62	184.35	580.39	32.63	39.13	33.56	74.70	39.13	36.30
Whitley	14.87	0.50	14.37	1.50	0.17	0.37	1.67	0.17	0.37	
Woodford	684.36	661.73	22.32	0.32	4.24	2.05	1.96	159.28	2.28	168.82
Unknown	96.75	0.02	96.73	7.43	1.28	2.04	7.43	1.28	2.04	
Totals	121,597.97	80,891.86	34,373.37	6,332.74	5,119.38	11,194.89	2,609.88	18,111.61	11,512.72	26,674.96