

Fertilizers and Chemicals Applied: 2017, 2012, and 2007

Commercial Fertilizer, Lime, and Soil Conditioners

Geography	Land Area in Square Miles ①	2017 Acres Treated	2017 Square Miles Treated ②	% of Land Area Treated ③	2012 Acres Treated	2012 Square Miles Treated ②	% of Land Area Treated ③	2007 Acres Treated	2007 Square Miles Treated ②	% of Land Area Treated ③	% of Area Treated Increase or Decrease ④
Adair County	567	77,396	121	21.33%	54,353	85	14.98%	66,446	104	18.31%	3.02%
Andrew County	436	100,258	157	35.93%	78,328	122	28.07%	113,054	177	40.52%	-4.59%
Atchison County	560	205,211	321	57.26%	166,411	260	46.43%	205,803	322	57.42%	-0.17%
Audrain County	692	238,902	373	53.94%	249,683	390	56.38%	248,272	388	56.06%	-2.12%
Barry County	773	86,255	135	17.44%	60,804	95	12.29%	75,253	118	15.21%	2.22%
Barton County	597	164,045	256	42.93%	153,571	240	40.19%	176,014	275	46.07%	-3.13%
Bates County	849	188,251	294	34.65%	161,478	252	29.72%	202,433	316	37.26%	-2.61%
Benton County	729	54,835	86	11.75%	55,566	87	11.91%	65,339	102	14.00%	-2.25%
Bollinger County	621	67,207	105	16.91%	64,289	100	16.18%	79,709	125	20.06%	-3.15%
Boone County	687	68,707	107	15.63%	71,125	111	16.18%	88,761	139	20.19%	-4.56%
Buchanan County	409	97,932	153	37.41%	85,268	133	32.57%	92,542	145	35.35%	2.06%
Butler County	698	137,334	215	30.74%	134,802	211	30.18%	175,597	274	39.31%	-8.57%
Caldwell County	431	78,083	122	28.31%	68,903	108	24.98%	76,512	120	27.74%	0.57%
Callaway County	842	108,550	170	20.14%	99,680	156	18.50%	109,937	172	20.40%	-0.26%
Camden County	641	23,592	37	5.75%	15,336	24	3.74%	23,414	37	5.71%	0.04%
Cape Girardeau County	577	162,319	254	43.96%	117,113	183	31.71%	159,846	250	43.29%	0.67%
Carroll County	695	186,576	292	41.95%	173,225	271	38.94%	166,296	260	37.39%	4.56%
Carter County	509	9,772	15	3.00%	10,760	17	3.30%	10,353	16	3.18%	-0.18%
Cass County	702	115,218	180	25.65%	121,941	191	27.14%	143,748	225	32.00%	-6.35%

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Cedar County	471	56,287	88	18.67%	38,676	60	12.83%	49,911	78	16.56%	2.12%
Chariton County	758	173,507	271	35.77%	165,843	259	34.19%	174,071	272	35.88%	-0.12%
Christian County	564	40,599	63	11.25%	33,926	53	9.40%	45,696	71	12.66%	-1.41%
Clark County	507	129,183	202	39.81%	95,304	149	29.37%	130,402	204	40.19%	-0.38%
Clay County	403	31,620	49	12.26%	30,797	48	11.94%	43,862	69	17.01%	-4.75%
Clinton County	423	99,143	155	36.62%	68,443	107	25.28%	100,840	158	37.25%	-0.63%
Cole County	392	68,591	107	27.34%	53,985	84	21.52%	65,696	103	26.19%	1.15%
Cooper County	566	113,280	177	31.27%	127,661	199	35.24%	146,116	228	40.34%	-9.06%
Crawford County	744	33,839	53	7.11%	27,965	44	5.87%	41,286	65	8.67%	-1.56%
Dade County	491	106,890	167	34.02%	78,342	122	24.93%	104,570	163	33.28%	0.74%
Dallas County	543	45,693	71	13.15%	42,664	67	12.28%	59,216	93	17.04%	-3.89%
Daviess County	568	93,903	147	25.83%	80,762	126	22.22%	111,020	173	30.54%	-4.71%
DeKalb County	425	87,656	137	32.23%	88,694	139	32.61%	87,859	137	32.30%	-0.07%
Dent County	755	35,459	55	7.34%	30,330	47	6.28%	42,394	66	8.77%	-1.44%
Douglas County	814	50,314	79	9.66%	41,055	64	7.88%	58,812	92	11.29%	-1.63%
Dunklin County	547	197,775	309	56.49%	209,225	327	59.76%	263,169	411	75.17%	-18.68%
Franklin County	922	92,941	145	15.75%	96,462	151	16.35%	106,101	166	17.98%	-2.23%
Gasconade County	521	65,784	103	19.73%	53,670	84	16.10%	65,050	102	19.51%	0.22%
Gentry County	493	77,189	121	24.46%	66,578	104	21.10%	87,079	136	27.60%	-3.13%

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Greene County	678	53,901	84	12.42%	49,238	77	11.35%	64,570	101	14.88%	-2.46%
Grundy County	437	60,731	95	21.71%	53,003	83	18.95%	86,653	135	30.98%	-9.27%
Harrison County	725	120,079	188	25.88%	111,701	175	24.07%	119,517	187	25.76%	0.12%
Henry County	729	142,017	222	30.44%	117,551	184	25.20%	130,698	204	28.01%	2.43%
Hickory County	411	39,175	61	14.89%	34,395	54	13.08%	41,728	65	15.86%	-0.97%
Holt County	456	142,980	223	48.99%	114,474	179	39.22%	153,418	240	52.57%	-3.58%
Howard County	464	72,986	114	24.58%	80,628	126	27.15%	103,160	161	34.74%	-10.16%
Howell County	927	92,964	145	15.67%	84,010	131	14.16%	112,786	176	19.01%	-3.34%
Iron County	552	9,381	15	2.66%	8,615	13	2.44%	12,663	20	3.58%	-0.93%
Jackson County	611	36,957	58	9.45%	35,130	55	8.98%	59,469	93	15.21%	-5.76%
Jasper County	641	111,987	175	27.30%	86,827	136	21.16%	107,955	169	26.32%	0.98%
Jefferson County	668	23,604	37	5.52%	22,501	35	5.26%	25,275	39	5.91%	-0.39%
Johnson County	834	153,314	240	28.72%	136,542	213	25.58%	177,915	278	33.33%	-4.61%
Knox County	507	103,778	162	31.98%	113,014	177	34.83%	105,652	165	32.56%	-0.58%
Laclede County	770	85,255	133	17.30%	66,859	104	13.57%	76,806	120	15.59%	1.71%
Lafayette County	632	194,147	303	48.00%	180,955	283	44.74%	200,036	313	49.46%	-1.46%
Lawrence County	614	101,358	158	25.79%	89,695	140	22.83%	127,380	199	32.42%	-6.62%
Lewis County	508	98,562	154	30.32%	129,059	202	39.70%	131,903	206	40.57%	-10.25%
Lincoln County	627	119,282	186	29.73%	130,938	205	32.63%	121,385	190	30.25%	-0.52%

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Linn County	620	118,964	186	29.98%	104,865	164	26.43%	108,960	170	27.46%	2.52%
Livingston County	537	112,223	175	32.65%	106,076	166	30.86%	106,965	167	31.12%	1.53%
McDonald County	541	33,324	52	9.62%	23,264	36	6.72%	34,345	54	9.92%	-0.29%
Macon County	797	138,818	217	27.21%	111,426	174	21.84%	125,047	195	24.52%	2.70%
Madison County	497	19,752	31	6.21%	24,389	38	7.67%	20,934	33	6.58%	-0.37%
Maries County	528	82,518	129	24.42%	69,454	109	20.55%	84,357	132	24.96%	-0.54%
Marion County	438	125,565	196	44.79%	107,611	168	38.39%	121,973	191	43.51%	1.28%
Mercer County	454	53,994	84	18.58%	46,073	72	15.86%	48,642	76	16.74%	1.84%
Miller County	593	72,572	113	19.12%	53,981	84	14.22%	62,909	98	16.58%	2.55%
Mississippi County	410	126,051	197	48.04%	124,830	195	47.57%	179,403	280	68.37%	-20.33%
Moniteau County	417	93,737	146	35.12%	78,418	123	29.38%	101,285	158	37.95%	-2.83%
Monroe County	670	155,215	243	36.20%	151,886	237	35.42%	127,772	200	29.80%	6.40%
Montgomery County	540	112,694	176	32.61%	142,614	223	41.27%	131,404	205	38.02%	-5.41%
Morgan County	594	70,546	110	18.56%	56,202	88	14.78%	73,630	115	19.37%	-0.81%
New Madrid County	679	262,201	410	60.34%	246,421	385	56.71%	295,113	461	67.91%	-7.57%
Newton County	627	72,769	114	18.13%	66,932	105	16.68%	76,751	120	19.13%	-0.99%
Nodaway County	875	215,469	337	38.48%	209,509	327	37.41%	271,789	425	48.53%	-10.06%
Oregon County	792	40,382	63	7.97%	48,687	76	9.61%	62,130	97	12.26%	-4.29%
Osage County	606	111,283	174	28.69%	93,368	146	24.07%	96,825	151	24.97%	3.73%

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Ozark County	731	43,011	67	9.19%	44,977	70	9.61%	54,688	85	11.69%	-2.50%
Pemiscot County	517	154,564	242	46.71%	199,266	311	60.22%	228,604	357	69.09%	-22.38%
Perry County	473	93,853	147	31.00%	88,809	139	29.34%	105,687	165	34.91%	-3.91%
Pettis County	686	170,863	267	38.92%	164,140	256	37.39%	175,781	275	40.04%	-1.12%
Phelps County	674	31,436	49	7.29%	26,923	42	6.24%	39,948	62	9.26%	-1.97%
Pike County	673	147,072	230	34.15%	157,678	246	36.61%	192,852	301	44.77%	-10.63%
Platte County	421	77,235	121	28.67%	52,749	82	19.58%	94,981	148	35.25%	-6.59%
Polk County	642	80,582	126	19.61%	76,482	120	18.61%	101,239	158	24.64%	-5.03%
Pulaski County	551	27,119	42	7.69%	22,584	35	6.40%	22,511	35	6.38%	1.31%
Putnam County	520	69,981	109	21.03%	52,755	82	15.85%	62,707	98	18.84%	2.19%
Ralls County	481	115,239	180	37.43%	131,482	205	42.71%	111,983	175	36.38%	1.06%
Randolph County	473	74,742	117	24.69%	54,072	84	17.86%	63,111	99	20.85%	3.84%
Ray County	568	84,245	132	23.17%	88,370	138	24.31%	98,726	154	27.16%	-3.98%
Reynolds County	808	9,508	15	1.84%	11,002	17	2.13%	13,728	21	2.65%	-0.82%
Ripley County	632	29,080	45	7.19%	25,301	40	6.26%	36,199	57	8.95%	-1.76%
Saint Charles County	558	86,698	135	24.28%	74,461	116	20.85%	84,602	132	23.69%	0.59%
Saint Clair County	698	85,414	133	19.12%	73,735	115	16.51%	100,120	156	22.41%	-3.29%
Sainte Genevieve County	504	60,019	94	18.61%	51,093	80	15.84%	66,364	104	20.57%	-1.97%
Saint Francois County	451	28,967	45	10.04%	17,606	28	6.10%	28,093	44	9.73%	0.30%

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Saint Louis County	505	10,134	16	3.14%	8,110	13	2.51%	10,647	17	3.29%	-0.16%
Saline County	755	244,835	383	50.67%	239,356	374	49.54%	236,806	370	49.01%	1.66%
Schuyler County	308	40,402	63	20.50%	41,149	64	20.88%	32,751	51	16.61%	3.88%
Scotland County	439	97,583	152	34.73%	83,429	130	29.69%	87,763	137	31.24%	3.50%
Scott County	423	125,527	196	46.37%	133,893	209	49.46%	174,001	272	64.27%	-17.91%
Shannon County	1,004	31,349	49	4.88%	21,293	33	3.31%	32,365	51	5.04%	-0.16%
Shelby County	501	132,312	207	41.26%	134,006	209	41.79%	151,867	237	47.36%	-6.10%
Stoddard County	815	321,317	502	61.60%	285,282	446	54.69%	343,584	537	65.87%	-4.27%
Stone County	451	20,934	33	7.25%	17,542	27	6.08%	24,775	39	8.58%	-1.33%
Sullivan County	651	68,381	107	16.41%	57,861	90	13.89%	62,019	97	14.89%	1.53%
Taney County	608	15,864	25	4.08%	10,082	16	2.59%	17,408	27	4.47%	-0.40%
Texas County	1,180	96,739	151	12.81%	74,657	117	9.89%	105,895	165	14.02%	-1.21%
Vernon County	837	187,840	294	35.07%	144,002	225	26.88%	185,890	290	34.70%	0.36%
Warren County	429	62,957	98	22.93%	59,886	94	21.81%	65,506	102	23.86%	-0.93%
Washington County	762	17,566	27	3.60%	17,629	28	3.61%	21,880	34	4.49%	-0.88%
Wayne County	763	21,012	33	4.30%	18,772	29	3.84%	20,921	33	4.28%	0.02%
Webster County	594	73,720	115	19.39%	66,072	103	17.38%	82,924	130	21.81%	-2.42%
Worth County	266	33,402	52	19.62%	29,783	47	17.49%	40,432	63	23.75%	-4.13%
Wright County	682	68,429	107	15.68%	69,024	108	15.81%	85,547	134	19.60%	-3.92%

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Saint Louis City ⑤	61	---	---	---	---	---	---	---	---	---	---
Statewide	69,709	10,690,562	16,704	23.96%	9,809,442	15,327	21.99%	11,615,587	18,149	26.04%	-2.073%

PRIMARY DATA SOURCES: 2017, 2012, and 2007 Census of Agriculture, United States Department of Agriculture (USDA), National Agricultural Statistics Service (NASS): Missouri State and County Data. (Survey conducted every five years.)

① Land Area in Square Miles value is obtained from the Missouri Secretary of State's Missouri Roster

② Square Miles Treated value is obtained by calculating Acres Treated value * 0.0015625

③ % of Land Area Treated value is obtained by calculating Square Miles Treated value/Land Area in Square Miles value

④ % of Area Treated Increase or Decrease value is obtained by calculating 2017 % of Land Area Treated Value - 2007 % of Land Area Treated Value

⑤ The USDA/NASS census definition of a farm is any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year. The definition is consistent with the definition used for current USDA surveys and was first used for the 1974 *Census of Agriculture*; and has been used in each subsequent agriculture census. St. Louis City does not contain any property(ies) that currently meet this definition per USDA.