

FERTILIZER AND PLANT FOOD TONNAGES SHIPPED FOR USE IN MISSOURI SINCE 1949

YEAR	TOTAL TONS OF PLANT FOODS				MIXED FERTILIZERS		FERTILIZER MATERIALS			
	TOTAL TONS FERTILIZER	NITROGEN	AVAIL P ₂ O ₅	K ₂ O	TOTAL TONS	AVERAGE %N-P ₂ O ₅ -K ₂ O	TONS N	TONS P ₂ O ₅	TONS K ₂ O	ROCK PHOSPHATE
1949	364,677	13,426	42,472	18,895	248,000	3.3-12.8-7.1	5,341	10,802	1,337	57,468
1950	482,123	21,865	52,641	26,047	240,497	3.8-13.9-8.2	10,826	12,175	2,255	116,451
1951	647,393	30,988	61,989	38,371	390,292	4.3-14.1-8.9	14,049	6,919	3,479	182,324
1952	847,284	48,478	75,344	52,590	468,347	5.3-14.8-9.4	23,656	6,263	8,565	276,459
1953	763,276	57,681	72,427	55,483	458,042	6.4-14.9-10.2	28,376	4,270	8,944	200,436
1954	771,375	76,960	81,136	68,070	517,244	7.3-14.4-10.8	39,185	6,529	12,232	121,748
1955	771,556	66,771	70,223	61,379	449,871	7.9-14.2-11.2	31,339	6,398	11,019	212,415
1956	785,949	74,337	71,302	65,953	454,525	8.3-14.1-11.9	36,357	7,040	11,972	205,080
1957	801,210	90,845	67,419	63,418	413,044	9.0-14.1-11.8	53,589	9,331	14,560	208,779
1958	790,651	83,403	64,886	60,553	432,811	9.7-13.5-11.9	41,534	6,599	9,173	226,810
1959	840,762	110,045	84,860	75,671	525,322	10.1-14.4-12.2	57,269	9,458	11,380	144,926
1960	858,993	116,626	81,787	74,320	510,655	10.5-14.5-12.5	63,155	7,706	10,433	168,269
1961	824,086	118,992	76,645	67,826	465,360	10.7-15.0-12.4	69,149	6,775	9,995	162,546
1962	927,512	134,505	87,432	81,429	531,664	11.0-15.3-13.0	76,131	5,960	12,166	183,136
1963	1,057,377	172,048	102,301	95,666	605,032	11.0-16.0-13.6	105,289	5,281	13,384	188,523
1964	1,109,851	192,993	110,695	106,039	644,205	11.2-16.3-14.3	120,635	5,519	14,110	170,701
1965	1,119,007	191,265	115,139	113,293	679,252	11.6-16.3-14.7	112,365	4,713	13,319	175,550
1966	1,293,765	219,469	144,626	148,119	863,998	11.4-16.4-15.7	121,452	3,097	12,240	155,584
1967	1,291,027	229,128	145,686	151,197	868,919	11.5-16.5-16.1	129,224	2,128	11,774	126,054
1968	1,413,598	274,666	156,926	173,981	936,435	11.1-16.4-16.8	170,734	3,300	16,313	114,243
1969	1,398,379	260,823	162,781	190,343	988,138	11.2-16.2-17.6	150,290	2,997	16,577	82,703
1970	1,421,905	298,898	161,917	183,134	975,686	11.8-16.3-17.4	183,682	3,255	13,080	70,099
1971	1,558,585	336,784	188,894	212,105	1,333,416	12.4-16.4-17.4	196,420	2,882	15,250	35,192
1972	1,577,781	336,809	199,975	216,779	1,195,529	13.6-16.5-17.1	174,833	2,701	12,972	19,410
1973	1,586,053	326,260	187,595	236,136	1,265,147	14.1-14.7-17.8	148,206	1,564	10,764	4,493
1974	1,551,057	335,128	181,124	225,845	1,156,830	13.0-15.7-18.5	185,010	4,281	12,740	547
1975	1,348,244	303,073	163,927	189,553	990,485	13.0-16.6-18.1	175,455	620	9,394	1,411
1976	1,764,772	409,526	205,082	258,997	1,310,314	14.9-15.4-18.6	214,173	3,323	15,372	1,631
1977	1,599,131	377,698	180,840	232,687	1,175,295	14.4-15.3-18.9	207,442	925	10,175	690
1978	1,641,026	337,977	197,455	271,878	1,301,099	14.5-15.1-19.7	149,432	1,552	15,510	1,320
1979	1,909,454	369,782	230,250	320,782	1,536,164	13.6-14.9-19.7	161,835	1,572	18,613	366
1980	1,973,113	419,809	228,428	317,431	1,470,812	14.3-15.4-19.7	209,113	3,106	27,967	483
1981	1,662,293	368,935	164,210	254,310	1,107,001	13.2-14.8-20.9	222,693	981	23,248	230
1982	1,345,383	311,319	129,737	195,823	863,660	14.2-14.7-19.4	189,464	2,624	28,728	296
1983	1,594,541	343,839	177,143	255,793	1,063,841	13.8-16.0-20.7	197,492	6,493	35,312	2,131
1984	1,361,714	306,505	133,294	202,189	422,342*	13.8-24.9-9.9	242,555	19,976	156,315	297
1985	1,485,609	357,793	141,185	212,575	416,158*	15.5-28.2-10.7	293,356	24,006	168,125	424
1986	1,491,807	355,848	147,002	222,734	387,103*	15.5-30.7-9.6	295,977	27,984	185,703	358
1987	1,640,909	369,574	183,298	265,939	461,819*	15.1-32.7-8.0	299,790	32,278	228,977	188
1988	1,665,972	391,283	180,617	245,733	448,348*	14.9-33.5-6.4	324,657	30,288	217,082	447
1989	1,754,283	418,524	180,120	264,479	433,701*	14.9-34.4-5.8	353,945	31,053	239,329	480
1990	1,577,530	378,953	159,077	227,942	389,045*	15.2-34.9-5.2	320,000	23,056	207,537	632
1991	1,603,921	392,348	163,698	226,658	402,737*	15.0-34.6-5.1	331,927	24,250	205,982	518
1992	1,822,057	446,281	191,124	261,511	445,786*	15.5-36.8-4.5	377,191	27,085	241,190	648
1993	1,694,931	412,665	167,651	229,620	392,681*	16.0-38.0-4.0	351,170	20,025	213,626	52
1994	1,772,395	431,126	182,428	258,393	427,422*	15.7-37.3-4.1	364,019	22,761	240,753	109
1995	1,613,085	382,996	162,234	243,357	380,311*	15.7-36.7-3.8	323,265	22,609	228,901	---
1996	1,611,210	401,172	156,166	230,594	376,763*	15.5-36.4-4.5	342,857	18,904	213,686	444
1997	1,883,112	442,371	190,100	301,355	462,484*	15.4-36.7-5.0	370,973	20,582	278,159	363
1998	1,744,090	429,548	175,059	240,269	439,666*	15.2-36.3-4.1	362,533	15,335	222,374	401
1999	1,788,208	453,558	173,602	247,201	441,402*	15.1-36.2-4.1	386,962	13,888	228,957	380
2000	1,945,582	474,990	190,254	264,996	488,477*	14.8-36.0-3.8	402,177	14,337	246,548	177
2001	1,935,182	460,508	198,676	269,210	502,280*	15.2-36.9-3.2	384,319	13,304	253,002	370
2002	2,051,244	495,727	203,798	285,633	542,480*	14.3-35.2-3.1	418,213	12,606	268,548	265
2003	2,059,045	476,820	200,875	284,789	568,957*	14.1-33.5-3.0	396,445	10,186	267,938	479
2004	2,027,081	449,190	189,490	295,228	587,837*	12.8-30.2-2.8	373,850	11,730	278,424	334
2005	2,103,026	474,115	200,690	258,774	545,063*	14.1-33.4-2.8	396,864	18,424	243,320	243
2006	2,043,566	462,088	185,926	242,801	711,095*	10.5-25.0-1.9	387,384	7,880	228,956	359
2007	2,343,771	535,783	212,101	287,711	767,517*	10.4-26.5-1.7	456,243	8,428	274,569	356
2008	1,534,668	374,515	98,701	159,764	305,159*	13.5-31.2-2.8	333,343	3,495	151,270	591
2009	1,595,793	402,912	150,713	123,658	533,172*	10.7-27.8-1.8	345,637	2,572	113,842	392
2010	2,057,405	495,775	192,313	290,709	661,891*	10.2-28.0-1.4	428,406	6,951	281,313	153
2011	1,947,760	451,221	170,242	231,218	724,340*	8.2-22.7-0.9	391,672	5,540	224,249	476
2012	2,331,508	538,747	105,003	277,842	890,342*	8.2-11.3-1.2	465,623	4,303	267,213	290
2013	2,006,872	420,537	172,514	220,730	794,492*	7.6-20.8-1.2	359,893	6,538	210,815	---

* DOES NOT INCLUDE BULK DRY BLENDS WHICH ARE REPORTED AS INPUT MATERIALS

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JANUARY 1 THRU JUNE 30, 2013

Counties	Total All Fertilizers	MIXED FERTILIZER				FERTILIZER MATERIALS								PLANT FOOD		
		Bagged	Bulk Dry	Liquid	Total Mixed Fert.	Potash	Phosphate	AMM Phos	Ammonium Nitrate	Urea	Nitrogen Solution	NH ₃	Misc. Material	Nitrogen	Avail P ₂ O ₅	Sol-uble K ₂ O
Adair	2727	215	58	50	323	822	---	635	---	908	15	12	12	536	336	525
Andrew	5959	27	---	151	178	1321	---	1733	1063	417	202	1041	4	1732	895	797
Atchison	16286	33	1037	1548	2618	1963	---	2389	751	517	3011	4543	494	5709	2096	1204
Audrain	15760	109	183	147	439	3451	---	2616	54	4002	1901	2808	489	5257	1403	2106
Barry	23701	262	47	18075	18384	833	---	468	3641	246	77	41	11	1505	234	491
Barton	12604	9	25	193	227	2765	---	2323	1241	3462	702	1626	259	4044	1113	1586
Bates	18454	34	104	149	287	3954	---	4570	2474	5090	840	1096	143	5181	2183	2413
Benton	6045	99	157	62	318	1460	---	934	---	2483	271	278	301	1680	503	918
Bollinger	3252	1	---	51	52	705	89	837	859	685	---	---	25	765	434	425
Boone	6843	2355	171	60	2586	841	---	908	1218	9	409	787	85	1422	535	532
Buchanan	8626	923	176	14	1113	831	1	925	467	926	1478	2243	642	3112	573	518
Butler	21741	359	389	199	947	5932	1888	2064	66	8348	991	---	1505	4898	2009	3590
Caldwell	7858	6	52	55	113	1712	---	1742	783	1944	435	990	139	2433	862	1030
Callaway	5944	535	11	1	547	1013	---	1129	1323	406	504	974	48	1807	533	628
Camden	362	354	---	1	355	1	---	---	---	---	---	---	6	4	---	2
Cape Girardeau	16198	1108	762	208	2078	3220	325	2504	2448	2502	1832	456	833	3758	1502	2128
Carrroll	11097	18	155	47	220	1301	---	1454	132	2368	1532	3912	178	5085	790	798
Carter	5	3	---	1	4	---	---	---	---	---	1	---	---	---	---	---
Cass	12155	1331	62	320	1713	1299	1	1419	1386	1277	1099	3780	181	4904	803	811
Cedar	3434	40	---	1	41	932	---	885	754	821	---	---	1	795	410	546
Chariton	19121	18	1984	513	2515	3011	---	3813	333	4305	1706	3011	427	6051	2344	2342
Christian	2404	1003	---	---	1003	179	---	294	911	2	---	---	15	449	221	143
Clark	12130	9	810	38	857	2276	25	1997	89	1215	2892	2329	450	3856	1164	1604
Clay	10970	1606	---	9255	10861	23	---	---	---	15	---	---	71	446	86	26
Clinton	10384	122	33	31	186	2114	---	2847	2283	883	---	1901	170	3264	1382	1280
Cole	6064	1020	187	141	1348	997	---	783	712	1377	230	522	95	1597	476	637
Cooper	16407	66	482	62	610	3078	25	2858	1901	3950	1696	2122	167	5227	1616	1908
Crawford	1020	28	---	---	28	306	---	382	---	298	---	---	6	206	176	184
Dade	9254	1760	---	35	1795	1912	---	1330	2452	768	286	---	711	1693	672	1115
Dallas	3065	15	9	4	28	593	50	1110	1273	---	3	---	8	635	534	355
Daviess	3959	36	715	32	783	538	---	414	236	886	76	933	93	1430	418	434
DeKalb	6243	7	380	43	430	1536	---	1068	1449	214	149	1006	391	1846	655	925
Dent	1399	62	47	2	111	478	51	577	171	---	---	---	11	167	272	291
Douglas	1191	51	27	---	78	309	---	396	402	---	---	---	6	211	194	185
Dunklin	53758	91	1063	497	1651	10057	377	4996	1707	13399	15024	57	6490	13513	2757	6276
Franklin	14291	875	---	51	926	2579	75	2764	2858	3066	128	1687	208	4353	1355	1606
Gasconade	5909	96	6	---	102	1490	25	1576	637	1728	251	---	100	1409	744	901
Gentry	13595	17	1560	80	1657	1946	---	1439	3655	132	479	4020	267	5250	1262	1314
Greene	9718	4872	53	20	4945	1289	141	833	1158	149	59	---	1144	1025	554	881
Grundy	11622	46	53	25	124	2653	---	2413	3249	739	381	2036	27	3624	1193	1601
Harrison	11973	62	545	60	667	2631	---	1795	1527	1240	817	3234	62	4321	1130	1587
Henry	9014	136	101	61	298	1954	---	2087	2375	1709	236	---	355	2163	1021	1196
Hickory	689	---	---	---	---	179	---	77	152	131	---	---	150	126	35	97
Holt	13989	5	106	686	797	2186	---	3168	1018	763	1065	4281	711	5128	1775	1343
Howard	4190	12	210	52	274	454	---	533	---	752	539	1502	136	1849	319	328
Howell	6915	490	127	13	630	1336	63	1201	3217	6	127	---	335	1466	648	843
Iron	28	25	---	---	25	3	---	---	---	---	---	---	---	---	---	---
Jackson	9279	6403	51	12	6466	241	7	284	210	567	437	223	844	1205	201	244
Jasper	7915	794	299	---	1093	843	2	758	1144	2599	959	58	459	2238	398	576
Jefferson	1917	1653	---	---	1653	54	---	99	---	98	---	---	13	128	49	48
Johnson	5865	255	1	634	890	891	---	674	936	824	1101	505	44	1584	436	644
Knox	8328	---	181	1105	1286	1686	---	1327	1368	15	1201	1205	240	2118	883	1256
Laclede	8015	339	99	---	438	2362	100	1613	2882	531	36	---	53	1551	799	1379
Lafayette	21472	118	333	260	711	4381	68	4070	202	5921	2130	3341	648	6901	2313	2649
Lawrence	65596	30	2090	49190	51310	3214	---	1667	8152	316	516	---	421	3460	776	1934
Lewis	20567	17	361	42	420	2817	---	2011	254	1422	11167	1965	511	**	1136	1697
Lincoln	8123	272	49	30	351	1896	23	1712	---	2533	812	666	130	2326	832	1160

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JULY 1 THRU DECEMBER 31, 2013

Counties	Total All Fertilizers	MIXED FERTILIZER				FERTILIZER MATERIALS								PLANT FOOD		
		Bagged	Bulk Dry	Liquid	Total Mixed Fert.	Potash	Phosphate	AMM Phos	Ammonium Nitrate	Urea	Nitrogen Solution	NH ₃	Misc. Material	Nitrogen	Avail P ₂ O ₅	Sol-uble K ₂ O
Adair	969	18	58	27	103	406	---	322	---	130	---	---	8	110	192	250
Andrew	1617	21	---	25	46	642	---	602	79	102	---	124	22	264	306	388
Atchison	20017	5	994	914	1913	4604	---	5278	79	411	1657	5528	547	6055	3434	2768
Audrain	15177	1	466	149	616	5072	---	5173	---	1386	231	2534	165	3467	2873	3099
Barry	15401	22	37	14934	14993	28	---	77	258	---	---	19	26	128	49	21
Barton	6968	---	102	250	352	3094	---	1856	204	742	---	674	46	1322	941	1787
Bates	8258	2	1044	13	1059	3312	---	3014	26	586	76	136	49	1029	1853	1990
Benton	2487	---	329	25	354	782	---	531	---	518	52	80	170	467	379	493
Bollinger	878	6	---	17	23	401	---	377	26	50	1	---	---	100	175	241
Boone	4915	405	868	2	1275	1505	---	796	107	14	25	1154	39	1256	689	928
Buchanan	3221	176	185	---	361	786	---	694	102	110	5	721	442	811	444	486
Butler	2051	2	6	125	133	347	26	126	---	1334	---	---	85	653	90	231
Caldwell	2917	2	52	---	54	1141	---	1287	---	317	---	108	10	433	646	684
Callaway	1997	5	124	---	129	760	---	611	109	---	71	304	13	420	341	461
Camden	50	40	---	---	40	1	---	---	---	---	---	---	9	7	1	3
Cape Girardeau	4580	192	159	112	463	1816	264	1142	50	305	72	80	388	587	710	1168
Carroll	7041	---	826	---	826	2190	---	1799	44	420	29	1617	116	1847	1262	1335
Carter	6	2	---	2	4	1	---	---	---	---	---	---	1	---	---	---
Cass	7107	707	230	25	962	1871	---	1884	416	418	24	1211	321	1839	1076	1154
Cedar	734	---	130	---	130	347	---	177	26	53	---	---	1	81	133	201
Chariton	15450	7	2827	**	2554	4158	---	4151	6	679	359	3192	351	3785	2876	3108
Christian	250	246	---	---	246	---	---	---	---	---	---	---	4	24	5	12
Clark	10112	1	656	31	688	3444	---	2419	---	205	487	2425	444	2694	1334	2228
Clay	7948	232	---	7652	7884	24	---	---	---	11	---	---	29	147	97	15
Clinton	4741	38	---	---	38	1533	---	1985	103	106	3	674	299	1095	947	925
Cole	1637	100	80	---	180	581	---	450	161	163	50	41	11	282	249	360
Cooper	8026	14	979	26	1019	3154	---	2263	305	661	78	434	112	1227	1516	1958
Crawford	171	25	---	---	25	73	---	49	---	24	---	---	---	20	23	44
Dade	3130	700	---	---	700	956	---	615	411	236	---	---	212	442	308	541
Dallas	1088	---	---	30	30	207	25	340	486	---	---	---	---	227	169	124
Davies	1141	3	181	9	193	469	---	325	28	27	---	98	1	170	234	280
DeKalb	3584	---	186	---	186	1161	---	1469	149	24	80	514	1	747	777	705
Dent	330	---	---	---	---	227	---	76	26	---	---	---	1	22	34	136
Douglas	51	---	---	---	---	13	---	13	25	---	---	---	---	10	5	7
Dunklin	11035	5	118	4019	4142	2426	301	1975	---	1332	141	63	655	1181	1069	1491
Franklin	5520	168	185	---	353	1971	124	1682	200	697	41	401	51	1035	905	1212
Gasconade	873	18	---	6	24	175	25	147	155	345	1	---	1	240	82	108
Gentry	4070	4	450	19	473	1470	---	885	225	---	356	656	5	905	603	907
Greene	3624	1820	27	---	1847	734	84	166	533	73	---	---	187	536	224	523
Grundy	2627	2	345	---	347	812	---	666	54	52	103	591	2	717	427	497
Harrison	4863	2	204	---	206	1496	---	1357	118	76	126	1393	91	1441	777	897
Henry	3622	12	179	---	191	1507	---	1506	81	312	24	---	1	458	778	911
Hickory	570	5	---	---	5	75	---	51	439	---	---	---	---	158	23	44
Holt	11919	1	125	78	204	2786	---	4320	109	214	1995	1766	525	2829	2241	1680
Howard	4651	10	742	---	752	1252	---	970	---	562	---	1071	44	1316	767	855
Howell	1319	103	---	---	103	329	---	200	416	5	---	---	266	249	106	211
Iron	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jackson	2776	1800	---	---	1800	186	2	153	---	238	---	262	135	709	130	196
Jasper	34998	116	690	30671	31477	1508	---	1202	134	435	180	---	62	609	697	1026
Jefferson	323	233	---	---	233	37	---	25	---	26	---	---	2	55	16	26
Johnson	1848	31	51	63	145	453	---	554	50	78	59	494	15	557	313	284
Knox	6727	21	---	417	438	1952	---	1628	118	---	618	1937	36	2100	857	1245
Laclede	2941	24	9	---	33	1179	24	550	797	355	---	---	3	533	265	673
Lafayette	19114	26	1245	---	1271	5639	---	5036	---	737	1042	4782	607	5394	3086	3387
Lawrence	43466	---	---	39269	39269	1342	---	908	1718	---	28	---	201	800	422	793
Lewis	10713	1	478	30	509	2313	---	1402	---	53	5174	1230	32	2963	846	1396
Lincoln	5434	70	283	7	360	2313	---	1610	---	430	1	712	8	1118	858	1408

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JANUARY 1 THRU JUNE 30, 2013

Counties	Total All Fertilizers	MIXED FERTILIZER				FERTILIZER MATERIALS								PLANT FOOD		
		Bagged	Bulk Dry	Liquid	Total Mixed Fert.	Potash	Phosphate	AMM Phos	Ammonium Nitrate	Urea	Nitrogen Solution	NH ₃	Misc. Material	Nitrogen	Avail P ₂ O ₅	Sol-uble K ₂ O
Linn	9458	43	76	32	151	2180	---	2268	1554	1277	504	1492	32	2847	1114	1328
Livingston	11035	133	---	124	257	2565	---	2201	1144	1159	2702	746	261	2819	1079	1580
McDonald	1009	128	28	---	156	---	---	---	197	---	655	---	1	284	1	---
Macon	28421	61	75	21440	21576	2349	---	1712	---	1691	127	759	207	1799	893	1426
Madison	682	29	---	---	29	175	---	125	---	353	---	---	---	184	57	104
Maries	14	1	---	9	10	---	---	---	---	---	1	2	1	2	1	---
Marion	14267	434	442	1524	2400	2879	---	1450	25	696	3210	3220	387	4454	1287	1909
Mercer	1723	---	121	1	122	605	---	486	39	444	26	---	1	299	267	396
Miller	3684	245	---	---	245	1057	---	686	102	1590	---	---	4	897	316	657
Mississippi	50175	320	2799	1157	4276	3698	100	1093	79	4458	29853	854	5764	13454	1203	2496
Moniteau	5517	23	339	143	505	806	---	829	---	1897	844	626	10	1819	428	520
Monroe	12484	16	550	92	658	3345	---	3102	1606	543	538	2325	367	3506	1738	2052
Montgomery	11961	76	---	282	358	2188	75	2136	151	3295	758	2451	549	4273	1119	1377
Morgan	7334	217	7	2	226	982	---	1186	2784	1361	385	---	410	1963	578	623
New Madrid	22483	110	780	904	1794	60	1976	4393	178	3738	8106	---	2238	5875	3393	146
Newton	60632	241	25	51672	51938	1204	---	812	3781	724	1917	115	141	2581	434	711
Nodaway	22528	130	1238	317	1685	3739	---	4124	2907	2610	1560	5731	172	8112	2495	2330
Oregon	4734	52	403	---	455	933	25	500	2794	---	---	---	27	1111	424	557
Osage	4802	22	---	118	140	1248	---	984	974	1133	101	221	1	1248	468	789
Ozark	3540	22	252	---	274	765	---	770	1428	---	---	---	303	741	396	501
Pemiscot	20610	5	---	48	53	2348	782	893	---	11029	4599	---	906	6871	780	1410
Perry	15212	147	126	49	322	2982	181	2870	479	3833	1582	2523	440	5182	1467	1784
Pettis	14275	443	183	113	739	2704	---	2513	2795	2526	646	2174	178	4571	1294	1680
Phelps	7406	5372	---	12	5384	488	---	774	505	82	10	12	151	599	392	374
Pike	28234	51	797	128	976	6970	---	6111	460	5153	1875	3477	3212	7425	3217	4348
Platte	5393	773	190	91	1054	844	2	960	1099	92	184	1124	34	1632	530	547
Polk	3616	154	---	46	200	1178	---	1044	938	205	---	---	51	613	490	703
Pulaski	6359	418	---	5	423	1744	---	2029	704	1426	---	---	33	1272	935	1048
Putnam	8927	15	1282	---	1297	2337	---	2285	1804	918	180	---	106	1575	1117	1453
Ralls	5661	1	50	1285	1336	614	---	586	226	756	1348	614	181	1539	530	663
Randolph	11252	2313	100	281	2694	2499	---	1732	2405	280	854	102	686	1791	1056	1670
Ray	11047	14	154	75	243	1452	---	1947	1718	979	401	4070	237	4787	1073	894
Reynolds	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ripley	2270	16	167	140	323	665	239	198	---	483	11	---	351	320	240	437
St. Charles	21602	6568	149	728	7445	1111	3	1034	---	544	9594	792	1079	4720	778	792
St. Clair	5687	85	319	2	406	1074	---	1716	1086	954	259	---	192	1296	799	651
St. Francois	2173	406	49	---	455	505	---	457	---	739	---	---	17	436	216	309
Ste. Genevieve	7119	103	---	91	194	1346	120	1204	225	1774	1459	716	81	2209	648	820
St. Louis	13758	12725	---	1	12726	160	13	---	---	30	---	---	829	926	88	335
Saline	9557	94	92	233	419	858	---	1044	52	3048	323	3686	127	4706	607	564
Schuyler	2671	12	9	338	359	768	---	655	---	704	21	161	3	587	329	472
Scotland	9473	20	2013	1384	3417	1557	---	1034	---	850	697	1803	115	2452	730	1171
Scott	59274	878	403	17306	18587	5605	49	3520	38	7320	16662	1012	6481	11123	1865	3446
Shannon	1174	6	125	---	131	430	---	407	201	---	---	---	5	142	188	259
Shelby	19734	6	425	66	497	5590	---	5319	2970	1159	1284	1873	1042	4384	2796	3433
Stoddard	76012	49	2372	1183	3604	12603	228	9193	990	27368	9949	1458	10619	21515	4961	8277
Stone	1571	9	---	6	15	432	---	262	861	---	---	---	1	338	121	261
Sullivan	3331	4	52	---	56	657	---	764	630	739	434	---	51	816	400	401
Taney	751	713	5	---	718	1	1	---	---	21	---	---	10	18	2	3
Texas	16812	93	398	---	491	3617	48	3031	9248	165	---	---	212	3818	1553	2169
Vernon	19136	62	273	574	909	3489	---	3433	4085	4576	1422	710	512	5186	1749	2190
Warren	7507	121	---	21	142	1684	19	927	300	1685	356	95	2299	1245	444	1039
Washington	2631	53	---	---	53	733	17	949	---	735	---	---	144	511	444	439
Wayne	2616	34	126	---	160	675	---	678	959	---	---	40	104	524	371	407
Webster	6987	376	175	52	603	1678	76	1282	2958	1	26	---	363	1405	662	1069
Worth	2923	4	173	---	177	644	---	768	106	457	104	612	55	938	443	387
Wright	5759	83	---	---	83	1654	---	1204	2752	28	---	---	38	1167	560	1000

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JULY 1 THRU DECEMBER 31, 2013

Counties	Total All Fertilizers	MIXED FERTILIZER				FERTILIZER MATERIALS								PLANT FOOD		
		Bagged	Bulk Dry	Liquid	Total Mixed Fert.	Potash	Phosphate	AMM Phos	Ammonium Nitrate	Urea	Nitrogen Solution	NH ₃	Misc. Material	Nitrogen	Avail P ₂ O ₅	Sol-uble K ₂ O
Linn	3153	1	183	1	185	1220	---	728	80	59	1	850	30	873	435	744
Livingston	3881	21	209	---	230	1471	---	1064	77	106	506	371	56	734	605	901
McDonald	11251	3	---	11223	11226	---	---	---	---	---	25	---	---	26	87	3
Macon	26894	16	154	20627	20797	1010	---	1095	---	371	10	686	2925	988	616	612
Madison	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Maries	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Marion	5314	85	350	185	620	1372	---	694	---	102	1806	680	40	1356	506	848
Mercer	1304	---	67	1	68	494	---	663	11	12	---	---	56	85	361	326
Miller	836	19	300	5	324	100	---	227	---	179	---	---	6	135	114	70
Mississippi	11508	2	1031	200	1233	4084	966	1431	41	620	889	---	2244	1127	1435	2515
Moniteau	1638	---	417	78	495	571	---	458	---	53	---	61	---	201	361	366
Monroe	4718	8	75	44	127	1484	---	1178	55	297	38	1066	473	1256	598	905
Montgomery	7752	7	26	96	129	3079	25	2705	---	456	223	903	232	1417	1390	1904
Morgan	1245	74	---	6	80	512	---	332	31	51	28	---	211	134	170	327
New Madrid	32629	25	156	938	1119	7826	3909	699	---	6285	11373	---	1418	6897	2454	4739
Newton	65209	17	---	26679	26696	423	---	410	659	106	278	21	36616	558	225	260
Nodaway	12842	42	1521	2	1565	3675	---	3614	338	216	---	3179	255	3468	2427	2234
Oregon	889	1	---	22	23	202	---	168	484	---	---	---	12	197	78	121
Osage	1564	4	---	24	28	436	24	609	105	361	---	---	1	312	294	273
Ozark	1109	---	---	---	---	306	---	255	248	---	---	---	300	193	117	185
Pemiscot	5706	1	104	874	979	930	119	526	---	2571	241	---	340	1425	314	595
Perry	4839	19	20	18	57	1640	231	1370	---	195	872	379	95	941	750	980
Pettis	6234	68	148	55	271	2159	---	2342	453	360	26	397	226	1057	1193	1340
Phelps	884	443	---	31	474	151	---	154	---	26	---	---	79	79	81	111
Pike	6980	1	310	107	418	1451	---	1293	---	467	1253	1325	773	2001	693	999
Platte	2320	106	28	---	134	900	---	921	---	34	---	303	28	409	470	550
Polk	1512	3	---	29	32	414	25	374	603	50	---	---	14	298	185	243
Pulaski	574	44	---	---	44	201	---	227	28	73	---	---	1	84	104	120
Putnam	4081	---	2514	---	2514	533	---	779	47	78	26	---	104	242	418	324
Ralls	3172	4	50	436	490	773	---	825	---	51	199	771	63	876	502	583
Randolph	4347	215	182	282	679	1557	---	1126	156	476	237	39	77	629	708	965
Ray	4137	7	149	15	171	844	---	963	655	260	239	402	603	894	561	514
Reynolds	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ripley	205	---	10	6	16	12	2	---	---	167	1	---	7	78	2	9
St. Charles	11389	2386	24	145	2555	2490	---	2498	---	205	1915	1490	236	2578	1250	1576
St. Clair	2673	---	122	---	122	1046	---	1077	---	129	---	---	299	320	499	630
St. Francois	458	57	---	---	57	53	---	150	---	195	---	---	3	120	73	36
Ste. Genevieve	3129	70	149	---	219	1074	346	728	---	89	335	314	24	561	559	641
St. Louis	4140	3376	22	2	3400	41	1	3	---	147	1	8	539	613	124	232
Saline	17392	2	218	177	397	4685	---	5397	2	1211	**	5098	608	5364	2895	2963
Schuyler	497	1	34	---	35	174	---	102	---	91	41	52	2	118	62	105
Scotland	4552	5	821	**	808	1807	---	696	---	559	137	511	34	891	603	1115
Scott	20577	138	421	8974	9533	4860	45	2467	30	700	575	98	2269	1313	1314	2792
Shannon	747	---	75	---	75	375	---	200	74	---	---	---	23	69	100	233
Shelby	9584	1	**	**	**	3583	---	3439	310	372	173	1588	137	2086	1724	2192
Stoddard	17159	4	843	222	1069	5711	393	4189	99	2679	260	57	2702	2498	2289	3666
Stone	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sullivan	765	1	79	---	80	212	---	235	53	185	---	---	---	143	149	127
Taney	84	82	---	---	82	1	---	---	---	---	---	---	---	2	---	---
Texas	1349	---	65	---	65	278	---	519	436	---	---	---	51	242	241	155
Vernon	8909	---	997	310	1307	2827	---	2393	908	873	238	238	125	1525	1469	1739
Warren	5759	65	---	32	97	1263	**	2280	27	1236	52	20	790	1025	1061	780
Washington	366	---	---	---	---	147	49	122	---	48	---	---	---	44	78	88
Wayne	232	3	---	---	3	77	---	101	50	---	---	---	1	35	46	46
Webster	1241	141	23	---	164	172	---	77	401	---	1	---	426	183	40	122
Worth	1259	---	205	18	223	392	---	259	78	---	26	279	1	317	219	238
Wright	730	---	---	---	---	226	---	181	322	---	---	---	1	140	83	134

** Credits exceeded shipments.

Fertilizer/Ag Lime Control Service
University of Missouri-Columbia
Columbia, MO 65211-8080

Change Service Requested

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