

UNIVERSITY OF MISSOURI-COLUMBIA
Agricultural Experiment Station

MISSOURI FERTILIZER TONNAGE REPORT, 2014

FERTILIZER MATERIALS

<u>NITROGEN MATERIALS</u>	<u>SPRING</u>	<u>FALL</u>
Ammonium Sulfate	40,808*	15,260*
Amm. Thiosulfate	11,131*	1,512*
N. Solutions (26-32%)	167,751*	31,796*
Ammonium Nitrate	104,428*	23,706*
Urea	215,711*	50,807*
Anhydrous Ammonia	173,090	54,969
Other	29,679	8,404
TOTAL	<u>742,598</u>	<u>186,454</u>
<u>PHOSPHATIC MATERIALS</u>		
Conc. Superphosphate	4,741*	4,658*
Phosphoric Acid	136	208
Rock Phosphate	---	---
Other	149	27
TOTAL	<u>5,026</u>	<u>4,893</u>
<u>POTASH MATERIALS</u>		
Muriate of Potash	291,772*	158,298*
Other	2,682	1,531
TOTAL	<u>294,454</u>	<u>159,829</u>
<u>MISC. MATERIALS</u>		
Organics	23,542	13,151
Other	145,594	168,297
TOTAL	<u>169,166</u>	<u>181,448</u>
<u>TOTAL MATERIALS</u>	<u>1,211,214</u>	<u>532,624</u>

* Includes tonnage reported as materials but blended prior to application

DRY MIXED FERTILIZERS

<u>BAGGED FERTILIZER</u>			<u>BULK MANUFACTURED</u>		
<u>GRADES</u>	<u>SPRING</u>	<u>FALL</u>	<u>GRADES</u>	<u>SPRING</u>	<u>FALL</u>
>1-1-1	38,300	4,803	0-18-36	81	6
6-24-24	177	114	1.5-7.2-24.5	810	---
12-12-12	1,148	67	3-3-2	234	200
13-13-13	1,614	818	4-3-2	708	192
15-0-05	439	48	6-15.3-27.3	14	76
17-0-05	1,023	245	6.5-.55-.45	1,283	---
20-10-10	159	65	9-23-30	641	336
25-0-5	613	571	12-30-20	225	5
26-0-3	254	16	17-17-17	405	96
28-0-3	1,695	103	19-19-19	99	49
30-0-4	854	-12	25.8-8.6-8.6	514	---
32-0-4	304	52	28-13-13	298	---
33-0-2	25	254	31-10-20	125	---
Misc.	13,102	6,902	Misc.	32,690	22,340
TOTAL	<u>59,707</u>	<u>14,046</u>	TOTAL	<u>38,127</u>	<u>23,300</u>
<u>AMMONIUM PHOSPHATES</u>					
<u>BAGGED FERTILIZER</u>			<u>BULK FERTILIZER</u>		
	<u>SPRING</u>	<u>FALL</u>	<u>SPRING</u>	<u>FALL</u>	
11-52-0	5	2	62,905*	52,590*	
18-46-0	---	1	156,845*	72,506*	
TOTAL	<u>5</u>	<u>3</u>	<u>219,750</u>	<u>125,096</u>	
<u>TOTAL MIXED FERTILIZER</u>			<u>SPRING</u>	<u>FALL</u>	
<u>TOTAL ALL FERTILIZERS</u>			343,110	178,158	
 			<u>GRAND TOTAL</u>	<u>2,265,106</u>	

LIQUID MIXED FERTILIZERS

<u>GRADES</u>	<u>SPRING</u>	<u>FALL</u>
2-6-32	547	---
3-9-27	453	---
3-10-30	197	---
3-18-18	2,076	1,911
4-10-10	403	149
5-0-20	113	140
5-1-0	---	---
6-22-0	526	174
6-24-6	1,627	355
8-24-0	256	18
9-18-9	264	309
9-24-3	443	---
10-20-10	130	11
10-30-0	125	---
10-34-0	3,436	798
10.6-36-0	973	75
11-33-0	269	5
11-37-0	1,177	1,566
Misc.	12,506	10,202
TOTAL	<u>25,521</u>	<u>15,713</u>

PRINCIPAL BLENDING MATERIALS
(Approximate Tons Used in Blends)

	<u>SPRING</u>	<u>FALL</u>
Ammonium Nitrate	83,542	18,965
Urea	172,569	40,646
Amm Phosphates	175,800	100,077
Conc. Phosphates	3,793	3,726
Muriate of Potash	233,418	126,638

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	AVAIL NITROGEN	AVAIL P ₂ O ₅	AVAIL 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	12,340	547
1975	1,348,244	303,073	163,927	189,553	990,485	13.0-16.6-18.1	175,455	620	9,894	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	---
2014	2,265,106	501,587	195,944	281,436	841,488*	8.2-22.7-0.9	432,452	4,560	273,206	---

* 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, 2014

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	1774	23	---	---	23	565	---	581	590	---	5	---	10	307	272	353
Andrew	4339	41	---	---	41	867	---	1312	1575	27	---	517	---	1219	605	533
Atchison	25992	6	---	719	725	3072	5	3978	567	---	7012	3292	7341	5577	2296	1872
Audrain	9626	11	---	487	498	2908	---	3378	---	1520	402	672	248	1936	1685	1821
Barry	3679	---	---	---	---	1152	---	393	2114	---	---	20	---	805	180	681
Barton	10708	5	---	112	117	3401	---	2948	1783	1335	499	543	82	2366	1396	1825
Bates	2299	---	---	51	51	864	---	696	252	385	27	20	4	414	329	530
Benton	2366	22	---	---	22	721	---	525	372	664	---	36	26	563	244	450
Bollinger	1010	21	122	202	345	318	---	123	74	150	---	---	---	222	66	194
Boone	2687	411	---	51	462	615	3	805	467	154	---	162	19	579	424	423
Buchanan	3159	196	30	---	226	595	---	852	360	447	97	415	167	880	465	376
Butler	4958	18	189	---	207	1432	571	256	9	2162	---	---	321	1125	393	885
Caldwell	9355	2	---	---	2	4076	---	3226	1327	184	76	452	12	1486	1509	2462
Callaway	2336	9	---	25	34	587	---	746	828	75	4	60	2	502	346	371
Camden	126	118	---	---	118	---	---	---	---	---	---	---	8	17	7	20
Cape Girardeau	5340	432	252	4	688	1370	393	633	276	262	75	---	1643	504	511	865
Carroll	5487	25	---	25	50	1095	1	1725	---	613	205	1236	562	1783	829	678
Carter	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cass	6282	286	22	37	345	1618	76	1167	1294	70	1412	141	159	1304	633	1022
Cedar	2381	---	---	---	---	327	---	286	75	26	---	---	1667	88	131	196
Chariton	11744	---	348	310	658	2312	35	1015	680	604	4272	1470	698	3357	626	1580
Christian	997	126	145	---	271	357	---	224	104	1	---	---	40	90	119	222
Clark	14584	72	---	---	72	4070	---	2239	50	372	7017	764	---	3352	1130	2505
Clay	1216	758	204	170	1132	11	7	---	23	32	---	---	11	155	30	47
Clinton	9057	33	---	---	33	2030	---	1725	5008	---	---	211	50	2214	795	1256
Cole	2573	346	1	---	347	537	5	428	877	246	49	82	2	609	236	369
Cooper	6701	10	8	14	32	2533	27	2021	1586	104	---	348	50	1239	948	1570
Crawford	712	11	---	---	11	120	---	47	120	---	414	---	---	182	23	73
Dade	6214	307	2	17	326	1708	---	1796	1987	395	---	---	2	1232	863	1050
Dallas	2252	6	---	---	6	699	51	548	899	---	48	---	1	419	275	422
Daviess	26740	12307	26	10926	23259	597	26	1000	1411	305	---	137	5	1021	847	404
DeKalb	5432	4	---	---	4	1377	100	947	2630	79	46	124	125	1267	483	842
Dent	1545	23	---	---	23	523	49	494	456	---	---	---	---	246	252	316
Douglas	103	2	---	---	2	24	---	26	51	---	---	---	---	21	12	14
Dunklin	8905	863	397	**	1220	2600	1503	456	625	872	775	---	854	1280	898	1860
Franklin	6415	589	163	---	752	2015	467	1461	846	608	---	249	17	1103	956	1340
Gasconade	2470	42	---	---	42	510	13	587	956	258	---	97	7	631	284	315
Gentry	4876	---	---	---	---	1181	---	1021	1271	---	726	677	---	1406	469	724
Greene	7279	2276	540	65	2881	1546	287	849	1456	35	---	---	225	1053	686	1080
Grundy	4046	25	---	3	28	894	---	1291	972	206	249	309	97	987	650	551
Harrison	3519	1	---	---	1	647	---	854	906	252	75	755	29	1178	441	391
Henry	5432	15	---	---	15	1446	53	1555	1469	893	---	---	1	1177	754	879
Hickory	1101	25	126	---	151	509	---	441	---	---	---	---	---	80	204	306
Holt	13492	1	---	---	1	2431	---	2908	1760	---	3835	1583	974	3393	1465	1483
Howard	2	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---
Howell	4066	21	820	---	841	1146	---	521	1407	1	---	---	150	865	258	699
Iron	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jackson	4771	2852	4	284	3140	96	23	---	---	215	---	---	1297	742	162	292
Jasper	5946	170	1325	153	1648	1342	1	1492	239	855	342	19	8	961	952	1187
Jefferson	443	279	---	---	279	54	35	24	---	37	---	---	14	90	36	60
Johnson	982	21	---	74	95	104	---	81	106	259	155	78	104	286	48	73
Knox	2193	---	52	49	101	978	---	721	78	26	---	289	---	388	372	611
Laclede	4301	27	---	---	27	436	202	792	2844	---	---	---	---	1112	459	263
Lafayette	16935	39	---	428	467	2584	---	3982	336	1452	5394	2164	556	4919	2194	1591
Lawrence	5325	---	---	---	---	1503	---	983	2683	155	---	---	1	1155	451	901
Lewis	6202	---	---	---	---	3058	387	733	1015	467	31	494	17	1098	519	1866
Lincoln	6072	82	9	---	91	3088	486	1080	381	532	99	309	6	862	737	1913

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JULY 1 THRU DECEMBER 31, 2014

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	1340	9	---	1	10	401	---	453	---	469	---	---	7	281	224	242
Andrew	2830	15	---	49	64	797	---	1011	---	232	---	686	40	819	510	488
Atchison	14723	5	702	708	1415	2581	---	3101	26	78	767	5460	1295	5253	2134	1553
Audrain	12528	8	546	366	920	4828	---	4296	---	231	732	1434	87	2110	2443	2944
Barry	23481	14	---	21515	21529	363	---	285	713	285	50	20	236	508	133	218
Barton	12300	---	298	149	447	4697	---	3578	831	1070	103	1056	518	2461	1791	2828
Bates	8628	2	653	---	655	3351	---	3232	---	578	---	748	64	1453	1822	2011
Benton	2379	1	158	25	184	1001	---	718	---	470	5	---	1	351	410	623
Bollinger	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Boone	3823	294	363	1	658	1443	---	839	282	8	27	465	101	688	570	878
Buchanan	5545	171	233	---	404	1324	---	1518	129	175	---	1195	800	1342	889	809
Butler	5162	---	2	65	67	761	102	203	---	2500	1	---	1528	1252	149	467
Caldwell	3260	10	77	---	87	1290	---	1325	---	281	50	210	17	544	657	791
Callaway	2655	46	227	---	273	884	---	866	82	323	24	177	26	503	503	533
Camden	97	80	---	---	80	5	---	3	---	---	---	---	9	13	3	9
Cape Girardeau	4365	57	175	82	314	1708	253	927	591	361	---	79	132	653	613	1099
Carrroll	7058	1	1006	1	1008	2129	---	1614	---	508	---	1638	161	1875	1241	1277
Carter	2	1	---	---	1	---	---	---	---	---	1	---	---	---	---	---
Cass	7394	600	356	68	1024	1579	---	1347	418	180	75	2695	76	2853	807	1001
Cedar	1294	5	25	1	31	598	---	387	254	23	---	---	1	170	188	360
Chariton	9934	13	1695	**	1672	2876	---	2077	---	392	520	2340	57	2672	1513	2126
Christian	301	141	---	---	141	80	---	52	26	1	---	---	1	32	27	56
Clark	7827	---	881	97	978	2998	---	2319	---	10	429	960	133	1400	1502	1822
Clay	9199	278	---	8800	9078	40	---	---	---	36	---	---	45	196	42	27
Clinton	6488	31	---	25	56	2009	---	2587	---	734	224	772	106	1541	1215	1236
Cole	1475	127	179	29	335	338	1	285	---	299	53	22	142	292	218	221
Cooper	9580	17	1254	20	1291	3379	---	2291	794	944	38	754	89	1813	1640	2068
Crawford	231	6	---	---	6	126	---	99	---	---	---	---	---	17	45	75
Dade	6571	1155	171	398	1724	1389	---	1248	1552	474	1	---	183	1091	673	857
Dallas	1325	1	---	1	2	518	24	282	498	---	---	---	1	220	130	310
Davies	2389	3	342	5	350	886	---	591	---	75	---	486	1	550	424	533
DeKalb	4633	1	211	---	212	1320	---	1707	---	344	5	855	190	1207	929	801
Dent	881	---	---	---	---	303	---	326	50	202	---	---	---	168	149	181
Douglas	206	3	---	---	3	151	---	---	24	27	---	---	1	20	---	90
Dunklin	7139	---	43	662	705	2355	358	442	---	1366	665	---	1248	1151	377	1444
Franklin	3977	111	51	---	162	1464	293	1047	26	919	3	---	63	637	648	891
Gasconade	1645	17	3	29	49	339	25	366	124	379	---	---	363	285	186	210
Gentry	4769	5	344	6	355	1096	---	1907	---	180	**	1136	120	1325	1088	667
Greene	3991	1583	56	---	1639	557	26	537	49	339	---	---	844	548	371	438
Grundy	2216	6	158	4	168	551	---	389	---	396	---	712	---	836	260	331
Harrison	2992	3	101	---	104	894	---	965	---	28	---	997	4	960	532	536
Henry	4426	11	286	---	297	1738	---	1781	28	502	2	---	78	597	949	1051
Hickory	499	10	---	---	10	208	---	129	152	---	---	---	---	74	59	124
Holt	10303	3	---	174	177	2277	---	3488	24	76	1230	2759	272	3185	1752	1423
Howard	3467	7	257	---	264	1120	---	753	---	511	---	730	89	943	484	719
Howell	2324	94	---	4	98	438	---	367	1059	156	---	---	206	547	182	276
Iron	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jackson	3046	1588	44	55	1687	103	1	80	34	235	---	494	412	858	106	138
Jasper	6089	99	692	1	792	1703	---	1570	610	764	434	---	216	1072	853	1186
Jefferson	2453	234	---	2175	2409	1	---	---	---	1	---	---	42	38	10	10
Johnson	2332	32	26	26	84	558	---	713	1	238	110	618	10	754	375	343
Knox	4175	29	---	492	521	1118	---	955	28	---	621	932	---	1141	542	758
Laclede	4242	33	---	---	33	1524	50	673	1373	66	---	---	523	727	333	909
Lafayette	21861	17	1130	14	1161	6538	208	5557	---	1198	1109	5584	506	6293	3467	3928
Lawrence	35873	---	---	28430	28430	1215	---	1118	3854	51	1200	---	5	1916	525	731
Lewis	16363	---	511	76	587	2080	---	1266	---	179	11356	868	27	4669	848	1273
Lincoln	4627	60	153	27	240	1604	---	1520	---	708	---	545	10	1074	775	975

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JANUARY 1 THRU JUNE 30, 2014

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	3967	9	---	---	9	918	154	1066	813	823	---	184	---	938	633	567
Livingston	3193	16	---	---	16	1613	57	411	317	8	95	675	1	769	216	989
McDonald	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Macon	7168	15	228	50	293	2323	---	2546	288	1136	25	496	61	1470	1333	1422
Madison	276	---	---	---	---	101	---	125	---	50	---	---	---	45	57	60
Maries	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Marion	5296	7	---	---	7	2625	---	1341	327	211	491	266	27	773	666	1585
Mercer	20224	18926	246	---	19172	199	27	157	647	---	---	22	---	376	437	241
Miller	531	123	---	---	123	79	---	100	153	76	---	---	---	109	47	51
Mississippi	15411	---	104	168	272	4960	949	2546	74	995	4451	115	1049	2600	1668	2972
Moniteau	1750	11	---	1	12	423	53	500	400	296	24	41	1	404	256	264
Monroe	3979	4	31	---	35	1495	172	1222	706	32	1	299	17	696	670	908
Montgomery	7440	44	3	---	47	2323	---	2193	515	886	1157	242	77	1485	1089	1449
Morgan	2405	7	---	2	9	699	25	499	1063	21	---	---	---	474	238	434
New Madrid	10658	223	36	54	313	4562	556	1332	189	2324	242	---	1140	1696	894	2806
Newton	7075	89	---	---	89	736	24	298	1584	**	---	1790	2576	2057	148	441
Nodaway	16337	61	207	36	304	3053	---	3440	4064	479	2409	2506	82	4803	1860	1924
Oregon	1858	---	432	---	432	516	24	313	573	---	---	---	---	390	162	309
Osage	1236	14	---	50	64	234	78	470	128	212	50	---	---	244	257	152
Ozark	2247	2	---	---	2	680	---	512	1053	---	---	---	---	446	235	408
Pemiscot	3316	1	---	3	4	775	62	115	78	1872	61	---	349	986	75	464
Perry	4179	87	76	11	174	1877	169	670	598	324	78	280	9	759	398	1142
Pettis	6327	47	---	3	50	2208	---	1109	1509	135	1	180	1135	958	543	1375
Phelps	2433	1424	---	4	1428	329	---	199	452	---	---	---	25	384	143	270
Pike	24825	26	28	73	127	13979	---	4490	2392	356	754	2675	52	4219	2103	8418
Platte	2709	328	9	23	360	543	---	1098	602	1	20	83	2	545	519	363
Polk	3145	11	---	---	11	1461	---	1046	249	306	---	61	11	465	482	873
Pulaski	2926	4	---	---	4	763	---	591	1560	8	---	---	---	638	271	457
Putnam	2105	---	---	---	---	784	---	483	476	311	51	---	---	405	223	483
Ralls	6381	2	---	2226	2228	1699	51	937	177	150	978	161	---	854	876	1475
Randolph	2909	494	---	769	1263	504	---	166	537	---	434	---	5	474	177	554
Ray	10611	31	---	24	55	3135	1	2642	1661	609	1097	1238	173	2554	1386	1935
Reynolds	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ripley	796	4	4	26	34	176	3	175	225	119	---	---	64	164	88	113
St. Charles	10737	1600	3306	2	4908	2030	209	1052	25	94	1858	501	60	1480	718	1394
St. Clair	3006	---	47	---	47	1004	26	1669	---	260	---	---	---	421	780	613
St. Francois	1437	110	---	2	112	374	125	333	---	493	---	---	---	292	216	231
Ste. Genevieve	3456	71	74	---	145	731	327	765	498	521	156	313	---	885	513	448
St. Louis	14550	5838	966	395	7199	6409	68	295	---	64	3	---	512	1024	550	4475
Saline	12984	9	2	70	81	2534	747	5842	76	1324	153	1675	552	2954	3192	1580
Schuyler	138	3	---	---	3	72	---	62	---	1	---	---	---	7	32	44
Scotland	2429	1	---	102	103	719	239	212	256	318	465	82	35	498	223	466
Scott	7321	48	94	---	142	3118	520	1572	323	412	32	29	1173	642	1006	1886
Shannon	3419	---	---	---	---	985	---	447	1749	178	---	60	---	805	205	594
Shelby	6191	360	309	55	724	1898	---	2200	705	331	79	121	133	961	1168	1383
Stoddard	11570	103	283	1	387	3440	1361	2551	289	3078	---	19	445	2125	1864	2121
Stone	1995	9	---	---	9	403	---	428	1155	---	---	---	---	471	197	251
Sullivan	1288	---	---	---	---	313	---	474	77	373	50	---	1	295	220	188
Taney	152	152	---	---	152	---	---	---	---	---	---	---	---	7	2	4
Texas	7803	---	100	---	100	1622	149	1538	3822	25	28	216	303	1797	826	967
Vernon	7831	22	---	56	78	2647	---	2657	1354	615	293	181	6	1461	1235	1601
Warren	1753	158	---	---	158	224	29	572	---	461	---	20	289	357	290	144
Washington	222	1	---	---	1	111	---	72	14	24	---	---	---	28	33	66
Wayne	372	---	---	---	---	124	25	100	123	---	---	---	---	59	56	74
Webster	2583	5	49	2	56	709	76	627	1106	---	---	---	9	488	324	387
Worth	2087	---	---	---	---	541	---	677	390	126	69	257	27	536	332	331
Wright	4197	31	---	1	32	999	1	1053	2083	26	---	---	3	913	489	609

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JULY 1 THRU DECEMBER 31, 2014

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	3214	3	156	47	206	781	---	939	---	679	3	600	6	943	534	481
Livingston	4877	34	211	1	246	1954	---	1459	28	605	565	19	1	707	817	1198
McDonald	38572	2304	---	36056	38360	6	---	---	---	5	201	---	---	105	179	10
Macon	31635	10	266	28180	28456	1337	---	1019	---	474	---	324	25	711	619	808
Madison	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Maries	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Marion	5560	15	866	42	923	2512	---	1212	---	187	120	600	6	911	938	1519
Mercer	754	---	41	**	21	390	---	336	---	---	---	---	7	38	180	251
Miller	634	11	---	---	11	226	---	156	---	235	---	---	6	139	71	141
Mississippi	13367	---	662	477	1139	4759	585	1911	**	694	1778	40	2615	1610	1471	2863
Moniteau	2712	3	370	71	444	1005	---	805	---	398	---	60	---	423	524	617
Monroe	7377	6	585	34	625	3676	---	2192	205	9	1	541	128	885	1332	2235
Montgomery	5848	30	231	1	262	1897	---	1802	---	483	401	780	223	1302	989	1164
Morgan	2789	59	---	8	67	944	---	403	1160	54	---	---	161	514	203	593
New Madrid	28828	8	105	1514	1627	10324	1189	2062	214	5121	1533	---	6758	4668	2119	6162
Newton	31976	19	26	28630	28675	969	---	832	314	736	148	28	274	802	420	590
Nodaway	14563	42	1165	59	1266	3490	---	3716	---	101	453	5437	100	5240	2367	2116
Oregon	1272	17	96	---	113	228	---	210	721	---	---	---	---	297	112	153
Osage	2498	19	74	2	95	785	---	518	291	725	26	---	58	558	270	488
Ozark	2055	---	---	---	---	523	---	556	801	---	---	---	175	404	255	320
Pemiscot	7249	---	---	---	---	964	374	284	49	5008	231	---	339	2513	303	539
Perry	5348	35	74	13	122	2074	284	1462	---	609	155	317	325	918	837	1222
Pettis	7528	73	237	52	362	2422	---	2430	1218	465	---	401	230	1363	1289	1498
Phelps	1761	497	---	61	558	397	---	404	79	321	---	---	2	297	202	268
Pike	10290	1	1324	111	1436	4607	---	3424	99	151	94	265	214	1032	2152	2870
Platte	2791	73	24	52	149	833	---	958	---	500	---	334	17	658	505	529
Polk	1895	2	---	6	8	788	---	593	413	52	---	---	41	273	273	477
Pulaski	1563	13	---	---	13	413	---	406	---	605	---	---	126	377	186	248
Putnam	571	3	85	---	88	240	---	216	---	27	---	---	---	46	105	145
Ralls	4004	---	474	55	529	1600	---	1196	---	28	157	465	29	666	797	988
Randolph	6080	245	355	37	637	2225	---	2290	26	635	77	60	130	838	1211	1386
Ray	2051	17	127	122	266	652	---	408	162	153	9	334	67	484	285	402
Reynolds	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ripley	247	8	16	7	31	27	14	1	---	130	7	---	37	71	10	19
St. Charles	9328	1761	101	86	1948	1422	---	2112	---	376	2697	511	262	2019	1084	912
St. Clair	3477	38	---	---	38	1262	---	1085	317	576	---	---	199	638	503	781
St. Francois	1273	51	---	---	51	619	25	526	---	51	---	---	1	121	255	374
Ste. Genevieve	3638	33	153	6	192	1189	249	757	---	541	260	333	117	784	528	709
St. Louis	3567	2945	---	1	2946	49	1	---	---	86	---	9	476	554	104	200
Saline	12535	2	14	78	94	3690	---	3469	---	169	26	4517	570	4182	1822	2275
Schuyler	963	1	---	360	361	184	---	141	---	186	7	82	2	202	66	112
Scotland	3428	---	639	104	743	1220	---	443	---	464	127	429	2	754	482	720
Scott	30545	123	258	16003	16384	3482	407	1531	---	1030	1961	79	5671	1767	1033	2038
Shannon	1176	---	124	---	124	501	---	401	51	99	---	---	---	135	185	301
Shelby	8003	12	560	**	566	3554	---	2946	376	75	21	299	166	864	1732	2170
Stoddard	21831	8	214	4602	4824	5601	369	3784	82	3257	203	118	3593	2635	1962	3415
Stone	5	5	---	---	5	---	---	---	---	---	---	---	---	---	---	---
Sullivan	1193	6	52	---	58	398	---	396	---	302	---	39	---	225	224	239
Taney	35	33	---	---	33	1	---	---	---	---	---	---	1	1	---	---
Texas	3942	27	95	3	125	673	24	451	394	1394	---	---	881	1031	224	410
Vernon	10746	7	215	468	690	3245	---	3287	1468	942	695	219	200	1948	1615	2028
Warren	8489	31	---	---	31	2160	18	2511	---	1736	---	---	2033	1247	1173	1335
Washington	306	---	---	---	---	160	13	108	---	25	---	---	---	30	55	96
Wayne	329	1	---	---	1	75	---	101	127	---	---	---	25	66	46	44
Webster	2397	181	---	1	182	399	---	284	1133	49	27	---	323	515	137	255
Worth	1723	---	209	---	209	607	---	541	---	101	3	261	1	360	352	367
Wright	3242	3	---	---	3	651	---	866	609	565	---	38	510	759	398	390

** Credits exceeded shipments.

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

Change Service Requested

Available on the Web at:
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