

UNIVERSITY OF MISSOURI-COLUMBIA
Agricultural Experiment Station

MISSOURI FERTILIZER TONNAGE REPORT, 2007-08

FERTILIZER MATERIALS			DRY MIXED FERTILIZERS						LIQUID MIXED FERTILIZERS		
<u>NITROGEN MATERIALS</u>	<u>FALL</u>	<u>SPRING</u>	<u>BAGGED FERTILIZER</u>			<u>BULK MANUFACTURED</u>			<u>GRADES</u>	<u>FALL</u>	<u>SPRING</u>
			<u>GRADES</u>	<u>FALL</u>	<u>SPRING</u>	<u>GRADES</u>	<u>FALL</u>	<u>SPRING</u>			
Ammonium Sulfate	15,827*	24,409*	<1-1-1	3,206	24,068	0-11.5-45	---	---	2-6-32	11	1,183
Amm. Thiosulfate	3,064*	7,617*	6-24-24	423	260	0-18-36	---	135	3-9-27	433	595
N. Solutions (26-32%)	41,736*	153,552*	10-10-10	21	299	3-4-2	364	978	3-10-30	1,616	891
Ammonium Nitrate	67,023*	115,866*	12-12-12	317	2,117	4-3-2	811	1,498	3-18-18	1,501	2,768
Urea	61,207*	167,782*	13-13-13	1,358	2,015	6-15.3-27.3	---	232	4-10-10	75	733
Anhydrous Ammonia	85,137	86,029	17-02-03	398	841	7-18-36	271	74	5-0-20	---	341
Other	40,495	44,997	20-10-10	207	351	9-23-30	1,093	288	5-1-0	7,239	5,239
TOTAL	<u>314,489</u>	<u>600,252</u>	22-3-14	297	-21	13.5-0-46	---	176	5-15-15	24	22
			28-3-3	-286	3,080	24-00-19	---	169	6-24-6	9,958	685
<u>PHOSPHATIC MATERIALS</u>			29-3-4	79	1,474	25-12-16	---	131	8-24-0	267	408
Conc. Superphosphate	7,066*	5,731*	30-3-4	-140	1,276	28-00-5	---	121	9-18-9	221	387
Phosphoric Acid	284 *	-2*	32-3-8	300	139	28-13-13	75	99	10-15-10	341	696
Rock Phosphate	95	310	34-3-11	269	76	33.9-10.3-7.5	---	45	10-20-10	59	236
Other	60	132	Misc.	11,087	15,679	Misc.	4,357	4,844	10-30-0	2,040	1,231
TOTAL	<u>7,505</u>	<u>6,171</u>	TOTAL	<u>17,536</u>	<u>51,654</u>	TOTAL	<u>6,981</u>	<u>8,790</u>	10-34-0	1,163	1,874
									10.6-36-0	1,075	312
<u>POTASH MATERIALS</u>			<u>AMMONIUM PHOSPHATES</u>						11-33-0	---	1,394
Muriate of Potash	179,987*	190,200*	<u>BAGGED FERTILIZER</u>			<u>BULK FERTILIZER</u>			11-37-0	610	792
Other	1,959	3,127		<u>FALL</u>	<u>SPRING</u>		<u>FALL</u>	<u>SPRING</u>	15-0-12	25	---
TOTAL	<u>181,946</u>	<u>193,327</u>	11-52-0	12	4	53,233*	39,337*	Misc.	792	1,539	
			18-46-0	2	-23	120,748*	96,186*	TOTAL	<u>27,450</u>	<u>21,326</u>	
<u>MISC. MATERIALS</u>			TOTAL	<u>14</u>	<u>-19</u>	<u>173,981</u>	<u>135,523</u>	<u>PRINCIPAL BLENDING MATERIALS</u>			
Organics	6,469	11,582	=====						<u>(Approximate Tons Used in Blends)</u>		
Other	153,837	325	<u>TOTAL MIXED FERTILIZER</u>			<u>FALL</u>			<u>FALL</u>		
TOTAL	<u>160,306</u>	<u>11,907</u>	<u>TOTAL ALL FERTILIZERS</u>			<u>SPRING</u>			<u>SPRING</u>		
			TOTAL MIXED FERTILIZER			225,962			217,273		
			TOTAL ALL FERTILIZERS			890,208			1,028,930		
			=====						Ammonium Nitrate 53,618 92,726		
			<u>GRAND TOTAL</u>						Urea 48,965 134,226		
			<u>1,919,138</u>						Amm Phosphates 139,185 108,418		
			=====						Conc. Phosphates 5,653 4,586		
									Muriate of Potash 143,990 152,160		

* Includes tonnage reported as materials but blended prior to application

RECENT FERTILIZER SALES TRENDS IN MISSOURI

	% OF TOTAL SALES							
	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
BAGGED FERTILIZERS								
Mixtures	3.3	3.5	3.7	4.7	6.7	4.3	3.5	3.8
Materials	0.9	0.7	1.5	1.0	1.6	0.6	0.6	.7
TOTALS	<u>4.2</u>	<u>4.2</u>	<u>5.2</u>	<u>5.7</u>	<u>8.3</u>	<u>4.9</u>	<u>4.1</u>	<u>4.5</u>
BULK DRY FERTILIZERS								
Blends	55.4	54.8	56.0	53.6	51.0	46.0	50.4	50.4
Mfg'd. Mixtures	2.4	1.7	2.4	2.4	1.8	1.8	0.9	.8
Dir. Appl. Material	13.8	13.7	14.0	13.4	12.8	11.5	12.6	12.6
TOTALS	<u>71.6</u>	<u>70.2</u>	<u>72.4</u>	<u>69.4</u>	<u>65.6</u>	<u>59.3</u>	<u>63.9</u>	<u>63.8</u>
LIQUID FERTILIZERS								
Mixtures	2.5	3.7	2.2	4.6	4.7	16.2	9.4	10.6
Nitrogen Solutions	15.4	13.8	12.8	13.5	13.1	12.2	14.4	12.2
Anhydrous Ammonia	6.3	8.1	7.3	6.8	8.3	7.4	8.2	8.9
TOTALS	<u>24.2</u>	<u>25.6</u>	<u>22.3</u>	<u>24.9</u>	<u>26.1</u>	<u>35.8</u>	<u>32.0</u>	<u>31.7</u>
TOTAL TONS	1,896,184	2,042,796	1,991,230	2,179,272	1,990,041	1,964,409	2,245,484	1,919,138

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JULY 1 THRU DECEMBER 31, 2007

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	2937	18	---	---	18	931	---	905	620	370	---	83	10	591	444	574
Andrew	3990	16	---	---	16	915	---	1018	902	53	---	738	348	1243	496	550
Atchison	14799	3	63	911	977	1811	---	3330	712	226	2047	5162	534	5704	2080	1110
Audrain	20268	28	---	316	344	6112	---	7808	---	2160	324	3314	206	5004	3967	3810
Barry	3284	15	---	---	15	863	---	365	1680	37	---	39	285	743	167	518
Barton	9751	2	169	128	299	1990	---	2187	1269	1211	---	6	2789	1423	1060	1191
Bates	13993	---	---	24	24	4146	---	5036	1213	1711	290	1526	47	3416	2360	2481
Benton	4341	11	---	16	27	1207	---	1545	184	562	---	174	642	872	722	746
Bollinger	1484	1	---	5	6	347	---	389	173	170	---	---	399	315	179	208
Boone	8528	502	185	148	835	2373	---	2625	1049	195	324	1115	12	1967	1390	1529
Buchanan	15073	164	---	204	368	459	25	828	473	325	204	1261	11130	1663	476	325
Butler	6145	18	46	---	64	2080	781	582	---	2252	6	---	380	1222	635	1263
Caldwell	3546	5	---	---	5	1206	---	1091	680	317	---	98	149	709	513	724
Callaway	5715	---	6	103	109	1334	---	1661	1007	104	500	813	187	1579	806	844
Camden	49	49	---	---	49	---	---	---	---	---	---	---	---	8	3	6
Cape Girardeau	5990	366	276	58	700	1598	425	888	651	751	222	41	714	1097	717	1067
Carroll	7867	7	---	75	82	1712	---	2299	---	699	129	2576	370	2794	1203	1054
Carter	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cass	6972	189	---	---	189	1536	---	1942	1226	163	890	797	229	1744	983	938
Cedar	1870	---	---	248	248	517	---	464	429	211	---	---	1	327	213	310
Chariton	17893	4	815	559	1378	2259	---	3444	932	2626	1676	5127	451	6808	2046	1726
Christian	1421	497	---	---	497	405	---	103	390	3	---	---	23	182	82	255
Clark	12001	---	---	389	389	3680	90	2863	---	679	1719	2417	164	3208	1670	2246
Clay	7223	932	---	6086	7018	122	---	---	---	42	---	---	41	528	129	162
Clinton	7987	35	---	---	35	2508	---	2307	1208	265	---	1490	174	2227	1074	1507
Cole	2937	274	8	4	286	774	84	826	620	219	50	41	37	553	450	504
Cooper	9870	40	---	16	56	2801	53	3897	986	632	25	1307	113	2380	1870	1689
Crawford	335	3	---	1	4	118	---	95	---	95	---	---	23	64	46	71
Dade	5567	374	---	26	400	1000	---	1490	1036	586	---	20	1035	1187	775	593
Dallas	2026	6	---	---	6	542	74	674	729	---	---	---	1	369	344	327
Daviess	3600	9	36	7	52	656	---	1294	513	524	---	505	56	1058	617	398
DeKalb	12784	---	---	---	---	1433	---	1562	1459	---	49	1162	7119	2004	746	859
Dent	1190	12	---	---	12	601	---	423	127	---	---	---	27	126	196	362
Douglas	394	---	---	---	---	46	---	23	73	---	---	---	252	96	10	27
Dunklin	15401	2	529	20	551	2096	109	1422	292	1259	5476	38	4158	3593	755	1357
Franklin	7278	307	---	344	651	2031	631	1891	545	1014	---	477	38	1454	1254	1303
Gasconade	2022	83	---	---	83	522	57	685	152	424	---	23	76	418	354	335
Gentry	6962	16	---	---	16	1588	---	1265	2125	29	381	1530	28	2297	617	955
Greene	5677	1753	---	---	1753	843	201	770	1726	48	---	---	336	1021	570	630
Grundy	4559	10	---	5	15	1476	---	1455	542	---	124	946	1	1230	704	898
Harrison	6560	3	---	6	9	1743	---	1618	562	58	---	2566	4	2527	829	1047
Henry	7216	20	382	---	402	1874	50	2752	901	1185	51	---	1	1345	1333	1137
Hickory	1578	---	125	---	125	337	---	412	574	130	---	---	---	330	190	203
Holt	11701	1	---	---	1	3105	---	2725	458	---	3522	1669	221	2912	1381	1872
Howard	6571	7	---	26	33	2113	---	2142	45	177	---	1749	312	1884	1148	1306
Howell	3712	---	---	---	---	681	---	324	1605	---	---	---	1102	865	148	408
Iron	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jackson	6983	3144	124	61	3329	97	---	3	---	2206	985	3	360	1950	217	287
Jasper	6558	105	1538	36	1679	1812	---	1332	603	699	355	---	78	1021	935	1557
Jefferson	526	341	---	---	341	53	26	24	---	56	---	---	26	89	38	61
Johnson	3832	33	24	106	163	648	1	464	1025	315	256	913	47	1382	274	412
Knox	7586	---	---	156	156	2693	---	2311	480	28	---	1917	1	2083	1162	1636
Laclede	5598	14	---	---	14	1098	195	1277	2702	310	---	---	2	1278	677	622
Lafayette	25758	19	---	115	134	5688	---	6706	70	2595	3343	5281	1941	8008	3476	3464
Lawrence	2781	---	---	---	---	689	---	485	1404	---	---	---	203	598	232	398
Lewis	10300	1	56	57	114	3654	---	2814	198	802	982	1730	6	2622	1372	2240
Lincoln	9157	76	---	26	102	3377	243	2589	52	1106	---	1435	253	2240	1339	2090

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JANUARY 1 THRU JUNE 30, 2008

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	2027	118	---	1	119	565	---	526	330	353	---	116	19	458	265	354
Andrew	4287	27	---	33	60	762	---	798	1503	477	---	643	44	1407	402	462
Atchison	22777	15	---	1197	1212	2961	---	3576	261	987	8250	4273	1257	7320	2200	1819
Audrain	12708	95	---	259	354	4372	---	2791	180	1844	1111	1743	314	3172	1467	2695
Barry	2363	145	23	---	168	97	---	25	1449	380	---	244	1	872	15	62
Barton	19818	13	141	245	399	3513	---	3659	2547	2751	1021	2152	3775	4929	1766	2133
Bates	14903	58	---	67	125	2611	---	2498	5586	2434	328	1309	13	4647	1175	1579
Benton	3689	42	---	64	106	1262	---	383	484	1111	1	240	101	965	189	787
Bollinger	1956	14	---	17	31	396	---	581	572	253	---	---	123	450	270	239
Boone	5372	1127	135	65	1327	1183	1	879	1003	126	311	520	23	1193	493	767
Buchanan	17779	1036	---	286	1322	1172	---	1290	833	564	2391	1636	8571	2994	758	797
Butler	21625	214	447	---	661	5661	2258	1083	41	9177	1360	---	1382	5215	1612	3525
Caldwell	4359	2	---	3	5	777	---	504	1255	997	318	497	8	1476	239	466
Callaway	6579	182	2	218	402	1729	---	980	1319	780	794	528	47	1692	501	1120
Camden	203	193	---	---	193	1	---	---	---	---	---	10	---	7	3	3
Cape Girardeau	11116	1023	230	169	1422	1925	202	1256	1831	1736	1455	1082	207	3199	788	1257
Carroll	10344	37	---	149	186	1932	---	1117	---	1151	913	4742	303	4907	609	1192
Carter	14	14	---	---	14	---	---	---	---	---	---	---	---	---	---	---
Cass	15309	769	**	**	723	1805	3	2156	2172	2587	3476	2141	246	5189	1089	1112
Cedar	2259	30	---	236	266	369	4	389	952	257	---	---	22	514	183	218
Chariton	15986	13	739	748	1500	4656	---	2527	462	1788	2077	2678	299	4414	1442	3169
Christian	1498	711	10	---	721	51	---	26	630	2	---	---	69	258	35	46
Clark	10028	26	44	27	97	2743	**	2204	---	723	3014	875	375	2390	1119	1695
Clay	6840	1501	---	5240	6741	32	---	---	---	9	1	---	57	475	93	69
Clinton	6200	60	52	4	116	863	---	359	3111	517	97	1135	2	2335	173	525
Cole	6032	559	1	51	611	1139	3	837	1044	1435	77	776	110	1899	417	684
Cooper	14640	34	128	16	178	3120	---	1270	2684	2205	2689	2417	77	5009	593	1934
Crawford	743	43	---	6	49	121	---	115	26	379	6	---	47	214	56	74
Dade	4205	137	147	---	284	1913	---	518	1389	---	9	---	92	597	259	1147
Dallas	1350	32	---	3	35	433	---	104	776	---	---	---	2	283	48	260
Daviess	3942	29	65	---	94	981	---	1033	156	511	50	863	253	1215	516	593
DeKalb	16487	7	---	10	17	688	---	644	563	108	27	660	13780	1029	320	415
Dent	850	95	---	1	96	151	26	128	420	---	---	---	28	177	78	96
Douglas	247	55	---	---	55	---	---	---	---	---	---	---	192	51	---	---
Dunklin	52854	36	225	97	358	13449	832	2936	1679	12391	15923	39	5247	12879	1732	8011
Franklin	13597	821	---	715	1536	2382	---	1565	2505	3938	4	1386	281	4269	868	1563
Gasconade	4292	86	3	6	95	921	---	554	766	1647	---	19	289	1206	264	573
Gentry	8084	11	104	51	166	1019	76	702	2602	2	1363	2152	1	3210	368	619
Greene	8129	4351	---	---	4351	1158	11	508	1211	107	2	---	781	1045	408	861
Grundy	8669	26	---	3	29	2199	---	1517	2728	843	225	1129	---	2536	757	1332
Harrison	9534	22	---	86	108	1778	---	1906	711	905	918	3207	1	3890	928	1079
Henry	7858	64	100	12	176	2286	---	1020	2792	1519	25	---	40	1836	489	1371
Hickory	815	1	22	---	23	236	---	215	340	---	---	---	1	154	99	142
Holt	11362	4	---	924	928	1006	---	2577	1270	380	2401	2633	168	3868	1517	649
Howard	5382	13	---	30	43	862	---	1470	---	745	1386	827	49	1669	770	526
Howell	4398	219	30	41	290	455	101	171	2392	1	13	---	975	1062	137	278
Iron	22	21	---	---	21	---	---	---	---	---	1	---	---	---	---	---
Jackson	23398	6667	---	27	6694	280	---	9170	837	5110	1058	20	228	5530	4403	394
Jasper	7739	524	514	48	1086	972	---	815	1047	1411	1654	20	736	1891	476	702
Jefferson	2103	1742	19	---	1761	56	18	76	---	100	---	---	92	229	76	118
Johnson	6247	220	---	269	489	1076	---	1145	1830	542	881	258	27	1562	617	684
Knox	4490	1	---	226	227	1410	---	472	1277	332	341	431	---	1121	269	886
Laclede	5234	171	890	---	1061	1156	25	448	1945	594	---	---	4	1045	240	705
Lafayette	21072	90	---	**	10	5555	---	6234	334	2262	1675	4255	747	6087	3216	3379
Lawrence	6831	56	31	---	87	1573	---	1124	3203	820	---	---	24	1666	520	940
Lewis	3703	3	---	53	56	4206	35	2866	804	2299	**	1994	11	671	1416	2535
Lincoln	8141	217	123	29	369	2608	49	1175	74	2183	879	464	339	2005	617	1660

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JULY 1 THRU DECEMBER 31, 2007

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	7345	1	49	25	75	2213	---	2125	986	511	25	1337	73	1979	1085	1369
Livingston	5958	26	---	---	26	2527	---	2231	21	608	319	201	25	934	1058	1528
McDonald	108	1	107	---	108	---	---	---	---	---	---	---	---	17	8	9
Macon	10180	28	---	4	32	2627	---	2718	---	1590	3	1549	1661	2413	1353	1593
Madison	605	---	---	---	---	156	26	196	---	173	---	---	54	114	102	93
Maries	17	17	---	---	17	---	---	---	---	---	---	---	---	1	3	3
Marion	10844	19	---	142	161	3682	---	3426	332	478	607	2130	28	2769	1714	2238
Mercer	53926	---	21	53021	53042	552	---	332	---	---	---	---	---	900	1937	613
Miller	436	26	---	4	30	98	---	117	23	166	---	---	2	108	55	60
Mississippi	30711	4	193	9989	10186	5074	1026	3913	51	2199	4099	77	4086	4164	4742	3515
Moniteau	1476	19	184	125	328	802	---	256	---	---	24	61	5	112	154	525
Monroe	11670	6	---	8	14	3357	99	3347	831	**	---	3541	487	3902	1640	2026
Montgomery	8984	45	---	109	154	2597	24	3065	256	1117	525	1101	145	2172	1552	1621
Morgan	3467	13	---	5	18	1171	52	1017	738	131	---	---	340	576	491	714
New Madrid	17606	1	821	172	994	6155	113	2725	32	3440	1927	---	2220	3161	1443	3808
Newton	8907	20	168	60	248	965	---	840	801	168	278	95	5512	826	413	576
Nodaway	15963	27	73	125	225	2159	---	3299	2036	845	2331	4898	170	6231	1727	1336
Oregon	3088	---	---	---	---	675	---	596	1217	---	---	---	600	665	274	404
Osage	4229	8	---	25	33	1084	1	1074	1312	677	---	20	28	965	504	676
Ozark	1869	---	---	---	---	313	25	190	1012	---	---	---	329	462	98	188
Pemiscot	3991	---	6	20	26	1292	345	106	---	1597	581	---	44	950	216	780
Perry	5271	59	---	5	64	2162	196	971	347	1107	128	220	76	1051	544	1269
Pettis	7967	86	---	25	111	2297	---	2890	1390	394	199	582	104	1728	1357	1424
Phelps	1553	704	---	---	704	50	17	454	301	---	---	---	27	208	223	70
Pike	11459	26	17	---	43	3654	---	3648	50	1151	264	2281	368	3162	1759	2237
Platte	5288	123	17	---	140	1146	---	1260	1871	---	24	572	275	1464	602	701
Polk	4605	---	---	---	---	1322	---	1103	2028	150	---	---	2	956	507	793
Pulaski	3303	62	---	---	62	766	---	634	1237	255	---	---	349	748	292	461
Putnam	1608	---	---	---	---	652	---	534	294	101	26	---	1	250	245	397
Ralls	9686	4	---	2184	2188	2289	---	2235	101	359	1189	1283	42	2103	1456	1844
Randolph	5801	285	---	958	1243	1775	---	1059	694	365	397	203	65	1023	784	1134
Ray	3669	33	---	3	36	727	---	1199	365	567	---	692	83	1131	588	442
Reynolds	7	---	---	---	---	---	---	---	---	---	7	---	---	2	---	---
Ripley	1372	11	6	11	28	241	49	248	99	578	---	---	129	355	139	147
St. Charles	10440	2931	56	285	3272	1776	3	1694	39	429	2157	956	114	2207	1027	1245
St. Clair	7030	---	---	---	---	1983	---	1791	2145	643	75	---	393	1451	823	1181
St. Francois	1676	68	24	---	92	601	77	324	---	580	---	---	2	331	190	366
Ste. Genevieve	5524	75	---	122	197	1416	520	1161	---	997	104	752	377	1431	822	856
St. Louis	8941	4541	12	---	4553	2965	---	1	---	69	2	905	446	1473	234	2152
Saline	17997	49	---	1115	1164	4155	---	3596	---	671	---	7821	590	7328	2129	2561
Schuyler	509	---	---	---	---	81	---	108	---	101	3	215	1	237	54	50
Scotland	5672	---	---	355	355	2051	---	1593	---	573	397	691	12	1208	827	1309
Scott	15476	7	571	15	593	4662	442	3801	153	1541	714	185	3385	2078	2030	2846
Shannon	1795	---	25	---	25	499	101	349	721	99	---	---	1	353	207	299
Shelby	14157	2	---	4	6	5393	---	5487	883	633	11	1515	229	2748	2632	3276
Stoddard	21581	15	414	105	534	7004	1093	5424	---	4293	516	40	2677	3763	3085	4305
Stone	659	3	---	---	3	305	---	298	53	---	---	---	---	71	137	183
Sullivan	1288	---	4	---	4	421	---	580	150	133	---	---	---	209	276	257
Taney	153	118	4	---	122	---	---	27	---	---	---	---	4	17	23	8
Texas	9759	---	---	---	---	1394	148	3484	2468	---	---	---	2265	2006	1650	834
Vernon	11350	---	---	167	167	3413	---	3560	1173	1302	771	963	1	2658	1667	2076
Warren	3430	46	---	25	71	519	5	1343	---	752	---	---	740	583	644	327
Washington	203	4	---	---	4	77	---	98	---	24	---	---	---	29	45	46
Wayne	522	---	---	---	---	151	---	126	245	---	---	---	---	104	57	90
Webster	3718	33	25	7	65	1108	73	769	1581	---	---	---	122	705	390	633
Worth	1263	---	---	---	---	345	---	522	126	---	104	165	1	289	253	207
Wright	3957	52	---	---	52	748	25	624	2458	25	---	---	25	964	305	455

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JANUARY 1 THRU JUNE 30, 2008

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	6581	34	118	47	199	2062	---	1773	980	885	98	565	18	1478	925	1262
Livingston	5533	103	5	66	174	1176	---	572	633	1016	1217	601	145	1688	305	715
McDonald	180	31	102	---	133	18	---	---	---	---	28	---	---	35	3	11
Macon	7780	71	---	4	75	2569	---	1278	---	878	322	1061	1596	1719	657	1544
Madison	322	73	---	---	73	---	---	---	---	249	---	---	---	116	1	1
Maries	17	---	---	6	6	3	---	---	---	---	8	---	---	2	1	1
Marion	13747	45	**	1313	1324	3898	---	2000	839	443	2812	2292	139	3706	1319	2424
Mercer	925	---	100	2	102	198	---	157	440	---	18	---	9	184	75	122
Miller	3329	233	379	---	612	787	---	275	292	1361	---	---	3	799	145	499
Mississippi	51300	13	8	387	408	5623	607	1224	280	4161	31926	626	6445	13627	974	3089
Moniteau	4502	34	332	52	418	899	---	879	502	996	249	542	17	1326	436	575
Monroe	9670	48	---	51	99	3307	---	2721	1299	262	211	1056	714	2203	1310	1953
Montgomery	10767	73	---	177	250	1913	50	1884	650	2826	1652	1333	208	3489	998	1183
Morgan	5807	95	25	20	140	997	104	656	1458	1759	578	---	115	1616	358	634
New Madrid	36499	**	1035	145	1172	4304	450	2460	419	14135	9482	21	4056	11177	1432	2839
Newton	11622	222	152	25	399	752	---	316	705	2792	1117	137	5404	2111	163	405
Nodaway	22778	89	98	243	430	5391	---	4943	2596	1665	2895	4724	134	7179	2498	3259
Oregon	3533	31	---	---	31	451	50	76	2129	---	---	---	795	938	57	269
Osage	6659	31	---	74	105	1279	---	903	1955	1722	272	383	41	2030	426	804
Ozark	1977	15	---	---	15	198	24	75	1043	---	---	---	622	511	45	118
Pemiscot	22578	4	27	284	315	1425	128	576	8	10693	8848	---	586	7923	358	863
Perry	9615	240	---	88	328	1507	149	2414	545	2076	1066	1067	463	2944	1210	934
Pettis	9936	210	---	110	320	2050	---	1177	2345	1357	327	2194	166	3567	581	1293
Phelps	9362	7990	---	3	7993	655	---	254	397	---	3	---	60	827	302	577
Pike	11747	54	3	237	294	2117	---	1318	1425	1440	1710	433	3011	2646	696	1307
Platte	2466	584	87	39	710	151	---	25	348	61	223	922	25	1056	67	136
Polk	3718	75	191	11	277	949	---	593	1431	396	---	19	52	810	279	541
Pulaski	2916	215	---	---	215	479	---	639	344	848	---	---	391	731	295	288
Putnam	5036	---	17	---	17	1217	---	951	1195	845	785	---	25	1212	443	740
Ralls	5211	48	---	1115	1163	916	---	765	481	368	1176	275	67	1121	581	790
Randolph	7208	2285	---	511	2796	1436	1	746	679	344	1131	---	76	1290	659	1063
Ray	8940	36	---	6	42	2366	---	1323	894	745	868	2575	126	3203	684	1455
Reynolds	10	10	---	---	10	---	---	---	---	---	---	---	---	---	---	---
Ripley	4572	8	30	421	459	1139	256	450	92	1542	---	---	633	921	403	760
St. Charles	15628	5299	56	379	5734	1234	---	453	---	780	6658	544	224	3477	457	926
St. Clair	2395	21	48	1	70	553	---	368	991	368	25	---	20	581	171	323
St. Francois	1225	335	54	---	389	139	99	285	---	310	---	---	4	210	183	91
Ste. Genevieve	10008	69	---	72	141	1575	53	1305	---	2264	2092	2281	296	3907	653	954
St. Louis	16930	10236	26	---	10262	1849	1	3109	3	101	2	803	801	2402	1787	1592
Saline	13261	269	67	767	1103	3075	1	2177	24	1417	681	4675	107	5096	1377	1905
Schuyler	650	---	52	---	52	212	---	225	---	143	8	11	---	119	104	129
Scotland	8230	5	168	1876	2049	1816	---	1392	---	447	1149	1212	164	1901	987	1496
Scott	37607	145	139	371	655	5987	175	2182	155	7086	16230	1177	3962	10275	1150	3645
Shannon	1137	7	225	1	233	524	---	302	77	---	---	---	---	82	141	316
Shelby	15576	3	---	63	66	6513	---	3592	2554	974	835	624	419	2747	1755	3941
Stoddard	52521	150	385	427	962	9716	174	6420	990	19023	5937	1877	7422	15081	3154	5976
Stone	1114	2	---	---	2	102	---	---	1010	---	---	---	---	338	---	61
Sullivan	2801	5	3	4	12	808	---	812	520	344	303	---	2	575	378	486
Taney	582	473	53	1	527	51	---	---	---	---	---	---	4	21	8	26
Texas	16800	52	486	2	540	2836	95	954	10181	---	---	---	2194	4042	457	1707
Vernon	10348	63	---	257	320	2153	---	1844	1902	2204	548	1312	65	3250	899	1328
Warren	8480	91	---	5	96	2717	11	1789	---	1835	---	---	2033	1146	856	1677
Washington	623	30	53	---	83	49	---	108	---	383	---	---	---	196	50	30
Wayne	1063	53	---	---	53	123	75	126	546	---	---	39	101	263	95	77
Webster	4453	443	91	7	541	954	25	762	2091	---	25	---	55	942	380	607
Worth	2409	1	---	---	1	405	---	307	673	462	16	545	---	940	152	242
Wright	5766	123	---	44	167	1076	---	649	3839	5	26	---	4	1431	310	647

** Credits exceeded shipments.

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

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University of Missouri

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