

**UNIVERSITY OF MISSOURI-COLUMBIA
Agricultural Experiment Station**

MISSOURI FERTILIZER TONNAGE REPORT, 2007

FERTILIZER MATERIALS			DRY MIXED FERTILIZERS						LIQUID MIXED FERTILIZERS			
<u>NITROGEN MATERIALS</u>	<u>SPRING</u>	<u>FALL</u>	<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>	<u>GRADES</u>	<u>SPRING</u>	<u>FALL</u>				
Ammonium Sulfate	27,325*	15,827*	<1-1-1	24,283	3,206	0-11.5-45	12	---	2-6-32	1,252	11	
Amm. Thiosulfate	9,230*	3,064*	6-24-24	450	423	0-18-36	162	---	3-9-27	1,166	433	
N. Solutions (26-32%)	225,944*	41,736*	10-10-10	420	21	3-4-2	224	364	3-10-30	2,791	1,616	
Ammonium Nitrate	159,345*	67,023*	12-12-12	2,363	317	4-3-2	172	811	3-18-18	3,091	1,501	
Urea	192,829*	61,207*	13-13-13	3,448	1,358	6-15-40	213	9	4-10-10	427	75	
Anhydrous Ammonia	113,123	85,137	17-02-03	1,120	398	6-24-24	35	---	4-12-24	1,265	---	
Other	42,178	40,495	20-10-10	519	207	7-18-36	198	271	5-1-0	7,345	7,239	
TOTAL	<u>769,974</u>	<u>314,489</u>	22-3-14	-56	297	9-23-30	350	1,093	5-15-15	102	24	
<u>PHOSPHATIC MATERIALS</u>			28-3-3	3,431	-286	12-22-22	303	---	6-24-6	1,681	9,958	
Conc. Superphosphate	10,763*	7,066*	29-3-4	1,620	79	17-17-17	12	---	8-24-0	914	267	
Phosphoric Acid	-7 *	284*	30-3-4	1,910	-140	19-19-19	120	76	9-18-9	443	221	
Rock Phosphate	261	95	32-3-8	237	300	21-0-21	1,594	---	10-15-10	611	341	
Other	345	60	34-3-11	61	269	24-7-15	764	---	10-20-10	445	59	
TOTAL	<u>11,362</u>	<u>7,505</u>	Misc.	17,199	11,087	Misc.	9,017	4,357	10-30-0	3,875	2,040	
<u>POTASH MATERIALS</u>			TOTAL	<u>57,117</u>	<u>17,536</u>	TOTAL	<u>13,176</u>	<u>6,981</u>	10-34-0	3,592	1,163	
Muriate of Potash	271,290*	179,987*	<u>AMMONIUM PHOSPHATES</u>						10-6-36-0	640	1,075	
Other	3,381	1,959	<u>BAGGED FERTILIZER</u>			<u>BULK FERTILIZER</u>			11-33-0	1,186	---	
TOTAL	<u>274,671</u>	<u>181,946</u>	<u>SPRING</u>	<u>FALL</u>	<u>SPRING</u>	<u>FALL</u>			11-37-0	1,519	610	
<u>MISC. MATERIALS</u>			11-52-0	12	12	45,871*	53,233*		15-0-12	67	25	
Organics	9,829	6,469	18-46-0	---	2	165,360*	120,748*		Misc.	2,090	792	
Other	71,689	153,837	TOTAL	<u>12</u>	<u>14</u>	<u>211,231</u>	<u>173,981</u>		TOTAL	<u>34,502</u>	<u>27,450</u>	
TOTAL	<u>81,518</u>	<u>160,306</u>	=====						<u>PRINCIPAL BLENDING MATERIALS</u>			
TOTAL MATERIALS	<u>1,137,525</u>	<u>664,246</u>	<u>TOTAL MIXED FERTILIZER</u>			<u>TOTAL ALL FERTILIZERS</u>			<u>(Approximate Tons Used in Blends)</u>			
						<u>SPRING</u>	<u>FALL</u>					
						316,038	225,962					
						1,453,563	890,208					
			<u>GRAND TOTAL</u>			<u>2,343,771</u>						
			=====									
									<u>SPRING</u>	<u>FALL</u>		
									Ammonium Nitrate	127,476	53,618	
									Urea	154,263	48,965	
									Amm Phosphates	168,985	139,185	
									Conc. Phosphates	8,610	5,653	
									Muriate of Potash	217,032	143,990	

* Includes tonnage reported as materials but blended prior to application

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

YEAR	TOTAL TONS FERTILIZER	TOTAL TONS OF PLANT FOODS			MIXED FERTILIZERS		FERTILIZER MATERIALS			ROCK PHOSPHATE
		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	
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	175,450
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	1,714,772	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

* 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, 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	4156	132	120	---	252	1187	---	1296	760	637	---	3	21	796	635	759
Andrew	6759	13	---	51	64	1241	---	2017	1947	487	---	1001	2	2036	977	746
Atchison	27792	39	8	2770	2817	3473	---	3864	730	1299	9371	4923	1315	8646	2799	2266
Audrain	18192	143	---	341	484	5681	25	3749	---	3078	992	2997	1186	4947	1936	3524
Barry	4081	122	---	---	122	747	---	573	1963	672	---	---	4	1082	266	450
Barton	17617	32	545	144	721	2455	---	2173	3708	2790	1412	1484	2874	4739	1109	1530
Bates	19040	15	23	---	38	4090	---	5513	2119	3521	1153	2541	65	5753	2594	2455
Benton	5952	64	---	82	146	1333	25	1111	595	2183	41	335	183	1738	539	825
Bollinger	3760	83	---	14	97	1175	99	1212	964	213	---	---	---	654	616	717
Boone	6700	1177	59	37	1273	982	2	974	1285	246	462	1425	51	2171	531	670
Buchanan	24498	881	---	338	1219	1343	24	1836	1035	689	2726	3220	12406	4659	1043	888
Butler	27785	182	735	50	967	8210	2117	3117	11	9947	2502	---	914	6198	2537	5122
Caldwell	6209	3	---	---	3	1417	---	1504	940	1230	365	702	48	1846	710	850
Callaway	8216	161	25	350	536	1682	---	1438	2239	924	944	445	8	2141	729	1140
Camden	187	181	---	---	181	---	---	---	---	---	---	---	6	9	1	4
Cape Girardeau	17694	1147	23	250	1420	4317	709	2543	2499	1650	3067	1060	429	4111	1603	2686
Carroll	13283	15	---	354	369	1721	---	1351	15	2472	1316	5755	284	6556	784	1077
Carter	5	5	---	---	5	---	---	---	---	---	---	---	---	---	---	---
Cass	10343	613	---	164	777	2015	---	1985	3331	601	591	958	85	2788	1030	1229
Cedar	3111	49	---	191	240	745	4	587	1471	52	---	---	12	634	275	451
Chariton	18896	107	812	1542	2461	4735	22	2560	801	2392	2010	3421	494	5474	1666	3393
Christian	3034	728	74	---	802	702	---	480	605	400	---	---	45	530	259	435
Clark	2595	30	540	141	711	2169	**	1446	14	981	**	1510	256	546	774	1355
Clay	9344	1837	---	7345	9182	45	---	53	---	9	---	---	55	669	159	113
Clinton	8829	53	73	3	129	2172	---	2507	985	1359	127	1498	52	2704	1176	1313
Cole	7952	699	3	4	706	1837	136	1499	1613	1098	97	886	80	2171	794	1170
Cooper	18206	82	5	28	115	4451	---	2730	2558	2566	2200	3551	35	6161	1270	2692
Crawford	2221	71	---	1	72	705	---	724	---	603	1	---	116	438	340	430
Dade	13674	353	---	25	378	3158	---	2733	5403	1080	---	61	861	3085	1342	1910
Dallas	4548	96	---	---	96	1253	75	1366	1756	---	---	---	2	850	666	763
Daviess	5996	48	101	---	149	1719	100	916	101	1107	230	1360	314	1942	446	1044
DeKalb	13942	21	---	---	21	1055	104	1316	261	486	26	1110	9563	1617	678	635
Dent	2673	111	---	---	111	788	106	774	767	---	---	---	127	433	414	482
Douglas	3532	21	---	---	21	203	---	127	423	---	2758	---	---	937	58	121
Dunklin	66130	98	2549	43	2690	14576	931	5533	1607	11831	23287	57	5618	15700	3181	9356
Franklin	16226	912	---	614	1526	3416	131	2536	2979	3763	1	1771	103	4811	1377	2198
Gasconade	6935	81	3	---	84	1964	166	1564	719	2361	---	---	77	1635	804	1221
Gentry	14735	4	---	19	23	1953	---	3429	3722	190	2907	2509	2	4793	1732	1176
Greene	13430	5226	24	---	5250	3072	43	957	3241	293	---	---	574	2040	738	2111
Grundy	10239	25	---	4	29	2666	97	1598	2266	964	407	2192	20	3415	753	1620
Harrison	11740	36	14	30	80	2520	---	2433	1205	822	806	3870	4	4504	1272	1520
Henry	11738	103	11	18	132	2514	26	2824	3366	2249	608	---	19	2883	1322	1514
Hickory	2805	---	---	---	---	492	---	1162	1150	---	---	---	1	600	534	295
Holt	12036	---	---	755	755	2558	---	3042	416	94	1338	3645	188	4011	1702	1580
Howard	6467	24	---	29	53	1371	---	1377	793	1061	576	1212	24	2172	658	845
Howell	11783	176	---	---	176	2811	76	1783	4865	2	---	---	2070	2395	861	1692
Iron	12	12	---	---	12	---	---	---	---	---	---	---	---	---	---	---
Jackson	8070	7230	25	34	7289	62	---	11	133	34	19	11	511	1168	190	327
Jasper	11703	520	731	125	1376	1797	---	1408	2183	2044	2140	224	531	3091	822	1255
Jefferson	1957	1307	---	---	1307	204	50	173	---	153	---	---	70	227	133	166
Johnson	7421	217	104	340	661	1014	---	1273	1722	913	1215	551	72	2034	742	700
Knox	7046	1	76	312	389	2220	---	1428	1327	463	51	1166	2	1852	767	1401
Laclede	8304	241	---	---	241	2779	123	1369	3443	269	---	---	80	1552	695	1637
Lafayette	23584	75	---	391	466	5051	---	5273	286	4519	2424	4771	794	7842	2735	3050
Lawrence	9471	64	24	---	88	1262	5	1354	5633	583	445	---	101	2555	636	740
Lewis	25288	7	---	31	38	3797	---	3680	631	2136	12287	2708	11	7938	1773	2311
Lincoln	12938	270	102	37	409	3251	148	2374	715	3344	1212	1283	202	3720	1203	2046

** 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
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, 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	10353	48	45	21	114	2841	---	2516	1606	1880	107	1261	28	2829	1295	1768
Livingston	8556	157	---	148	305	2182	---	1769	1427	1178	892	629	174	2198	860	1329
McDonald	192	23	140	---	163	---	---	---	1	---	25	---	3	49	4	5
Macon	8120	72	24	5	101	2229	---	1888	---	1189	165	1221	1327	2011	950	1347
Madison	1001	68	---	---	68	303	26	277	---	319	---	---	8	197	139	182
Maries	25	15	---	9	24	---	---	---	---	---	---	---	1	2	3	2
Marion	18280	46	---	1523	1569	3490	---	4181	1067	590	4363	2878	142	5166	2386	2223
Mercer	71377	---	182	68966	69148	1074	---	493	380	---	---	280	2	702	1255	735
Miller	4867	250	---	2	252	1233	---	935	739	1700	---	---	8	1218	436	745
Mississippi	63873	11	---	1781	1792	8178	1160	4036	337	2672	38656	684	6358	15650	2917	4740
Moniteau	5446	43	23	78	144	1095	---	1169	267	1537	365	828	41	1818	557	697
Monroe	13854	42	---	95	137	3918	96	3276	2332	240	427	2445	983	3937	1647	2372
Montgomery	14568	67	---	314	381	3489	2	2592	624	3082	1386	2743	269	4786	1332	2194
Morgan	8846	72	---	27	99	1493	103	1416	3228	1103	1044	---	360	2246	702	912
New Madrid	57328	---	805	237	1042	11592	279	6443	462	17149	15732	---	4629	15291	3233	7053
Newton	14211	207	98	73	378	1630	---	1078	1024	2615	2022	314	5150	2699	536	990
Nodaway	22166	28	169	763	960	4893	---	5146	1391	2002	2672	4952	150	7044	2815	3070
Oregon	7611	72	---	---	72	2003	---	1299	3741	---	---	---	496	1593	601	1204
Osage	7144	109	---	129	238	1617	50	1151	1478	1623	379	582	26	2075	578	1029
Ozark	5968	9	---	---	9	1932	---	998	2824	---	---	---	205	1168	459	1158
Pemiscot	36879	7	---	145	152	4598	814	3293	49	11840	13893	19	2221	10828	1924	2763
Perry	12330	215	---	59	274	3278	302	2685	780	1908	1762	1313	28	3284	1400	1956
Pettis	14050	300	---	79	379	3823	---	2517	3367	1510	142	2185	127	4146	1214	2354
Phelps	12788	9899	---	---	9899	802	50	745	1021	196	---	---	75	1520	620	728
Pike	19117	52	89	453	594	3382	35	3021	1817	2766	3225	919	3358	4482	1585	2098
Platte	4912	429	120	111	660	999	---	1208	402	33	304	1231	75	1549	642	607
Polk	8596	141	---	---	141	1944	---	2007	3954	443	1	---	106	1930	937	1165
Pulaski	6416	107	---	---	107	1530	---	1717	1774	1282	---	---	6	1503	791	919
Putnam	9571	19	25	25	69	2517	26	2429	2022	853	1602	---	53	2033	1155	1526
Ralls	8619	2	---	2561	2563	971	76	905	435	434	2499	691	45	1997	936	1098
Randolph	7056	1757	47	1301	3105	1377	134	348	478	238	1067	---	309	1087	726	1019
Ray	9813	29	---	---	29	1357	---	1033	2023	1064	1073	2989	245	4134	520	829
Reynolds	6	6	---	---	6	---	---	---	---	---	---	---	---	---	---	---
Ripley	6199	2	114	269	385	1391	198	1068	845	1540	---	---	772	1313	652	896
St. Charles	21051	5810	---	588	6398	1052	1	1088	1	947	10766	545	253	5047	869	822
St. Clair	5679	19	147	---	166	1429	---	1962	1293	732	75	---	22	1155	908	850
St. Francois	2717	376	96	32	504	697	130	889	---	455	26	---	16	405	484	434
Ste. Genevieve	11762	89	---	152	241	2646	202	1709	568	2291	2089	1994	22	3882	942	1591
St. Louis	21203	10994	---	24	11018	1577	76	220	1464	6142	---	---	706	4674	499	1460
Saline	20173	155	425	1775	2355	4208	---	2521	44	1476	1326	7949	294	8199	1909	2720
Schuyler	2518	9	299	460	768	703	---	403	27	440	12	163	2	472	194	440
Scotland	12259	5	510	3143	3658	1861	---	1521	9	847	2814	1452	97	2919	1252	1927
Scott	54292	194	2249	518	2961	8052	918	4415	778	5715	25021	1084	5348	13444	2876	5358
Shannon	1775	---	1077	---	1077	220	26	97	353	---	---	---	2	363	56	358
Shelby	16329	4	---	160	164	5725	---	4037	2964	1220	804	1232	183	3532	1947	3507
Stoddard	63640	65	---	267	332	13929	866	10642	363	20426	9342	1686	6054	16949	5363	8381
Stone	2496	1	---	---	1	713	---	203	1579	---	---	---	---	567	93	427
Sullivan	3947	11	---	---	11	1098	---	910	657	133	1136	---	2	802	426	666
Taney	600	496	59	---	555	---	---	---	4	---	---	---	41	40	20	21
Texas	19846	48	---	1	49	4331	175	4336	8948	24	---	---	1983	4060	2029	2585
Vernon	16477	44	---	300	344	3165	---	3106	4261	2385	971	2127	118	5146	1489	1953
Warren	7072	176	---	21	197	1262	103	1621	76	2138	---	---	1675	1315	835	802
Washington	2532	60	47	---	107	755	---	988	---	682	---	---	---	494	456	456
Wayne	2587	72	---	---	72	772	50	804	724	---	---	40	125	452	398	469
Webster	4950	73	75	12	160	1354	127	735	2242	329	---	---	3	1050	402	795
Worth	3223	---	26	---	26	768	---	999	151	675	127	474	3	954	486	464
Wright	15412	172	---	22	194	5042	---	1740	7613	3	---	---	820	3066	816	3039

** 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.

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

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