

UNIVERSITY OF MISSOURI-COLUMBIA

Agricultural Experiment Station

MISSOURI FERTILIZER TONNAGE REPORT, 2006-07

FERTILIZER MATERIALS			DRY MIXED FERTILIZERS						LIQUID MIXED FERTILIZERS					
NITROGEN MATERIALS	FALL	SPRING	BAGGED FERTILIZER			BULK MANUFACTURED			GRADES	FALL	SPRING			
			GRADES	FALL	SPRING	GRADES	FALL	SPRING		FALL	SPRING			
Ammonium Sulfate	10,370*	27,325*	<1-1-1	4,722	24,283	0-11.5-45	12	12	2-6-32	155	1,252			
Amm. Thiosulfate	3,590*	9,230*	6-24-24	347	450	0-18-36	7	162	3-9-27	106	1,166			
N. Solutions (26-32%)	58,841*	225,944*	10-10-10	29	420	3-4-2	235	224	3-10-30	1,717	2,791			
Ammonium Nitrate	62,038*	159,345*	12-12-12	575	2,363	4-3-2	294	172	3-18-18	711	3,091			
Urea	70,548*	192,829*	13-13-13	1,369	3,448	6-15-40	5	213	4-10-10	---	427			
Anhydrous Ammonia	70,172	113,123	17-02-03	520	1,120	6-24-24	3	35	4-12-24	204	1,265			
Other	32,326	42,178	20-10-10	171	519	7-18-36	---	198	5-1-0	11,194	7,345			
TOTAL	<u>307,885</u>	<u>769,974</u>	22-3-3	367	18	9-23-30	1,110	350	5-15-15	---	102			
			28-3-3	57	3,431	12-22-22	---	303	6-24-6	420	1,681			
PHOSPHATIC MATERIALS			29-3-4	183	1,620	17-17-17	10	12	8-24-0	149	914			
Conc. Superphosphate	6,452*	10,763*	30-3-4	-202	1,910	19-19-19	10	120	9-18-9	91	443			
Phosphoric Acid	---*	-7*	32-3-8	274	237	21-0-21	599	1,594	10-15-10	196	611			
Rock Phosphate	155	261	34-3-11	355	61	24-7-15	---	764	10-20-10	30	445			
Other	193	345	Misc.	9,644	17,237	Misc.	3,851	9,017	10-30-0	759	3,875			
TOTAL	<u>6,800</u>	<u>11,362</u>	TOTAL	<u>18,411</u>	<u>57,117</u>	TOTAL	<u>6,136</u>	<u>13,176</u>	10-34-0	572	3,592			
POTASH MATERIALS			AMMONIUM PHOSPHATES						10-6-36-0	991	640			
Muriate of Potash	180,312*	271,290*	BAGGED FERTILIZER			BULK FERTILIZER			11-33-0	74	1,186			
Other	2,057	3,381	FALL	SPRING	FALL	SPRING	11-37-0	675	1,519	15-0-12	16,567	67		
TOTAL	<u>182,369</u>	<u>274,671</u>	11-52-0	11	12	52,191*	45,871*	Misc.	420	2,090	TOTAL	<u>34,315</u>	<u>34,502</u>	
MISC. MATERIALS			18-46-0	2	0	99,390*	165,360*							
Organics	11,325	9,829	TOTAL	<u>13</u>	<u>12</u>	<u>151,581</u>	<u>211,231</u>	PRINCIPAL BLENDING MATERIALS						
Other	72,370	71,689	TOTAL MIXED FERTILIZER						(Approximate Tons Used in Blends)					
TOTAL	<u>83,695</u>	<u>81,518</u>	TOTAL ALL FERTILIZERS						FALL	SPRING	FALL	SPRING		
TOTAL MATERIALS	<u>580,749</u>	<u>1,137,525</u>	GRAND TOTAL						211,172	316,038	49,630	127,476	Ammonium Nitrate	
			2,245,484						791,921	1,453,563	56,438	154,263	Urea	
			=====								121,265	168,985	Amm Phosphates	
			=====								5,161	8,610	Conc. Phosphates	
			=====								144,250	217,032	Muriate of Potash	

* Includes tonnage reported as materials but blended prior to application

RECENT FERTILIZER SALES TRENDS IN MISSOURI

	% OF TOTAL SALES							
	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
BAGGED FERTILIZERS								
Mixtures	3.5	3.3	3.5	3.7	4.7	6.7	4.3	3.5
Materials	0.6	0.9	0.7	1.5	1.0	1.6	0.6	0.6
TOTALS	<u>4.1</u>	<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>
BULK DRY FERTILIZERS								
Blends	54.4	55.4	54.8	56.0	53.6	51.0	46.0	50.4
Mfg'd. Mixtures	2.1	2.4	1.7	2.4	2.4	1.8	1.8	0.9
Dir. Appl. Material	13.6	13.8	13.7	14.0	13.4	12.8	11.5	12.6
TOTALS	<u>70.1</u>	<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>
LIQUID FERTILIZERS								
Mixtures	2.0	2.5	3.7	2.2	4.6	4.7	16.2	9.4
Nitrogen Solutions	15.9	15.4	13.8	12.8	13.5	13.1	12.2	14.4
Anhydrous Ammonia	7.9	6.3	8.1	7.3	6.8	8.3	7.4	8.2
TOTALS	<u>25.8</u>	<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>
TOTAL TONS	1,862,049	1,896,184	2,042,796	1,991,230	2,179,272	1,990,041	1,964,409	2,245,484

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JULY 1 THRU DECEMBER 31, 2006

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	2023	30	53	---	83	1006	---	653	45	159	---	62	15	249	332	636
Andrew	4642	---	---	25	25	837	---	980	492	206	---	524	1578	977	493	502
Atchison	18666	1	---	285	286	3019	---	4000	624	214	5502	4190	831	5916	2212	1816
Audrain	20491	12	361	53	426	7520	---	7000	1	1240	550	3233	521	4588	3485	4700
Barry	2931	21	---	---	21	769	---	183	1445	51	---	459	3	926	84	449
Barton	12284	2	163	140	305	3826	---	2040	1036	392	327	1308	3050	2107	996	2319
Bates	11663	---	---	1	1	3736	---	4077	943	2000	26	862	18	2680	1883	2241
Benton	1688	22	---	---	22	593	51	355	131	338	---	195	3	426	189	371
Bollinger	1375	---	---	7	7	228	13	449	525	153	---	---	---	330	214	137
Boone	6857	422	279	25	726	2325	1	2308	54	135	324	789	195	1312	1170	1475
Buchanan	17138	504	36	143	683	767	---	1083	435	286	151	1149	12584	1637	623	542
Butler	5494	20	14	63	97	929	303	564	---	3281	---	---	320	1679	411	572
Caldwell	3834	---	---	---	---	1397	---	1082	25	938	---	198	194	859	510	838
Callaway	3178	4	5	175	184	1055	190	1078	318	204	25	122	2	506	621	684
Camden	38	21	---	---	21	---	---	---	---	---	---	6	11	9	1	2
Cape Girardeau	4062	320	---	4	324	1400	173	714	734	274	285	83	75	708	436	871
Carroll	11356	3	---	110	113	2626	27	3203	318	3022	200	1532	315	3282	1684	1627
Carter	2	---	---	---	---	1	---	---	---	1	---	---	---	---	---	---
Cass	9802	150	263	12	425	2605	4	2638	1542	424	1616	264	284	1823	1400	1667
Cedar	2473	6	---	262	268	435	---	701	865	204	---	---	---	515	323	261
Chariton	23360	10	846	70	926	6944	---	7247	655	1867	918	4036	767	5756	3861	4557
Christian	1954	362	4	---	366	350	---	286	795	15	---	---	142	349	151	218
Clark	17084	---	78	242	320	3808	---	2958	---	169	7543	2225	61	4804	1510	2308
Clay	12331	574	---	11203	11777	148	1	347	---	34	---	9	15	720	334	135
Clinton	8189	1	---	---	1	1858	---	2173	1286	1463	25	1030	353	2434	1009	1114
Cole	2457	249	1	---	250	558	58	631	320	484	49	79	28	558	349	376
Cooper	9953	11	---	---	11	3675	52	3392	1342	949	---	426	106	1848	1590	2231
Crawford	272	6	---	11	17	98	---	96	---	48	13	---	---	44	45	60
Dade	4708	173	---	---	173	1549	---	751	1133	154	---	---	948	816	372	936
Dallas	2075	---	---	---	---	635	---	282	1158	---	---	---	---	444	129	381
Daviess	2661	4	17	---	21	805	25	411	392	444	---	480	83	800	204	487
DeKalb	7432	---	---	---	---	1327	80	767	709	338	75	500	3636	1157	402	796
Dent	1582	20	---	---	20	575	25	505	457	---	---	---	---	248	246	347
Douglas	124	---	---	---	---	26	---	25	73	---	---	---	---	29	11	15
Dunklin	19173	2	891	160	1053	5670	1102	401	289	1584	6107	---	2967	3429	841	3553
Franklin	5497	319	1	196	516	1581	257	1421	310	1029	---	281	102	1131	840	1024
Gasconade	1710	56	---	---	56	403	---	556	225	469	---	---	1	400	265	259
Gentry	6536	3	---	---	3	1719	---	1236	972	161	910	1526	9	2089	607	1035
Greene	6983	2101	---	2	2103	1281	136	1048	1953	53	26	---	383	1212	673	893
Grundy	4562	10	---	3	13	1302	---	1591	748	82	127	699	---	1159	765	794
Harrison	4141	3	---	---	3	1215	---	963	354	326	---	1273	7	1430	499	729
Henry	7333	1	294	1	296	2285	---	2743	1282	699	27	---	1	1234	1305	1380
Hickory	685	---	25	---	25	250	---	285	100	25	---	---	---	97	131	150
Holt	14112	---	---	52	52	2638	---	3043	871	252	3273	3213	770	4418	1569	1590
Howard	7437	12	---	9	21	1702	---	2346	---	106	850	2133	279	2405	1252	1057
Howell	3040	12	---	---	12	522	---	529	1612	---	---	---	365	711	245	314
Iron	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jackson	3619	2836	5	66	2907	97	9	156	---	60	58	18	314	619	246	236
Jasper	6767	113	1706	---	1819	1766	3	1337	521	874	420	---	27	1118	975	1554
Jefferson	952	444	---	---	444	26	44	27	---	32	---	---	379	94	45	48
Johnson	3630	57	---	25	82	993	---	572	989	104	289	561	40	1013	301	604
Knox	5924	---	---	26	26	2095	---	1505	52	27	204	2015	---	1994	717	1261
Laclede	5335	26	---	---	26	1244	96	1116	2606	247	---	---	---	1188	557	709
Lafayette	20028	39	---	200	239	3993	34	3360	---	1199	5201	4906	1096	7047	1848	2425
Lawrence	4370	---	---	---	---	1678	---	923	1319	389	---	---	61	793	436	992
Lewis	9683	12	---	84	96	4497	310	2334	117	304	134	1875	16	2148	1264	2739
Lincoln	8214	124	---	---	124	3442	287	1971	---	943	194	1139	114	1823	1054	2125

** 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
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, 2006

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	4883	6	---	---	6	1824	24	987	883	260	---	855	44	1260	513	1132
Livingston	4337	56	---	---	56	2292	---	1533	115	186	22	124	9	504	719	1386
McDonald	2	1	---	---	1	---	---	---	---	---	1	---	---	---	---	---
Macon	8936	21	---	6	27	3123	---	2379	---	1189	50	1491	677	2142	1182	1860
Madison	346	---	---	---	---	96	---	199	---	51	---	---	---	59	91	57
Maries	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Marion	11492	28	---	124	152	4116	---	2881	385	341	53	1408	2156	1895	1445	2498
Mercer	70790	---	70	70051	70121	348	---	321	---	---	---	---	---	412	1160	363
Miller	1052	37	---	---	37	293	---	176	26	520	---	---	---	283	81	177
Mississippi	14367	---	---	314	314	4474	808	2408	27	995	2517	99	2725	2002	1551	2626
Moniteau	997	13	---	---	13	333	26	325	---	215	---	80	5	224	163	208
Monroe	9681	6	1	1	8	3437	24	3167	197	48	2	2757	41	2858	1525	2073
Montgomery	7780	46	130	5	181	2354	53	2777	174	794	979	423	45	1519	1418	1484
Morgan	2189	21	1	4	26	860	28	687	154	353	---	---	81	354	332	536
New Madrid	31570	---	---	16666	16666	2841	249	1288	167	5559	1599	---	3201	6335	744	3692
Newton	8801	12	30	25	67	1081	24	606	1184	268	742	48	4781	922	305	639
Nodaway	18464	12	134	45	191	3116	52	3526	1758	669	3177	5751	224	6990	1881	1910
Oregon	1997	1	---	---	1	480	24	518	974	---	---	---	---	419	249	287
Osage	3220	68	---	25	93	771	103	690	921	643	---	20	**	751	376	490
Ozark	1688	---	---	---	---	202	25	423	969	---	---	---	69	413	207	121
Pemiscot	14249	2	---	245	247	828	105	125	**	7666	5987	---	780	5127	194	498
Perry	5248	59	---	9	68	1660	224	1659	49	780	501	307	---	1092	873	1007
Pettis	7824	55	---	---	55	2440	---	2738	1693	539	---	306	53	1532	1318	1518
Phelps	2494	1548	---	---	1548	324	22	124	447	---	---	---	30	292	90	244
Pike	14711	17	1	75	93	4737	14	4162	568	2146	1077	1690	224	3650	1998	2873
Platte	4971	228	33	---	261	1142	25	1286	369	1201	---	554	133	1401	661	709
Polk	4089	31	---	---	31	1322	---	1207	1257	91	20	57	104	764	558	776
Pulaski	2133	6	---	---	6	619	---	436	842	227	---	---	3	468	200	371
Putnam	958	---	---	---	---	278	27	303	176	74	100	---	---	174	156	168
Ralls	8412	2	---	2289	2291	1932	25	1605	25	128	553	804	1049	1279	1191	1635
Randolph	4471	443	---	498	941	1564	30	760	564	158	207	220	27	738	569	1013
Ray	5074	2	---	---	2	1308	---	1816	357	305	375	734	177	1227	917	801
Reynolds	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ripley	962	---	221	28	249	56	---	74	57	407	---	---	119	258	79	97
St. Charles	9360	3286	158	152	3596	1783	8	1167	---	276	1704	765	61	1743	767	1228
St. Clair	5657	---	---	---	---	1347	---	1151	1992	1045	25	---	97	1392	529	808
St. Francois	1094	83	23	---	106	220	---	184	---	582	---	---	2	311	90	139
Ste. Genevieve	4658	60	---	---	60	1389	391	1049	380	726	262	395	6	1065	670	834
St. Louis	6102	4201	---	---	4201	1198	29	32	---	225	---	2	415	750	219	1050
Saline	16306	223	---	276	499	4668	---	4503	---	1439	4	4694	499	5122	2389	2919
Schuyler	217	---	---	---	---	54	---	158	---	---	---	3	2	27	75	33
Scotland	4239	---	---	193	193	1554	---	1424	2	469	117	468	12	875	709	1002
Scott	17074	34	234	5	273	3682	458	2122	249	3302	2745	219	4024	3208	1260	2228
Shannon	1645	---	---	---	---	721	---	50	874	---	---	---	---	306	23	432
Shelby	9624	5	29	269	303	4157	---	3315	342	143	2	1219	143	1739	1637	2589
Stoddard	14326	15	24	212	251	4125	540	3297	401	4369	---	118	1225	3093	1810	2513
Stone	638	---	1	---	1	201	---	316	120	---	---	---	---	97	145	120
Sullivan	2045	---	---	---	---	690	53	770	157	374	---	---	1	364	378	421
Taney	125	107	13	---	120	---	3	2	---	---	---	---	---	4	6	6
Texas	10225	---	---	---	---	1934	69	1701	6032	43	---	---	446	2393	784	1158
Vernon	11807	---	---	133	133	3341	---	4247	1121	1820	522	596	27	2636	1978	2026
Warren	4704	441	---	39	480	850	13	1182	22	1140	---	226	791	1015	587	547
Washington	224	1	24	---	25	75	---	75	---	49	---	---	---	36	34	45
Wayne	435	---	---	---	---	124	---	126	174	10	---	---	1	86	57	74
Webster	2123	47	23	1	71	758	25	345	918	5	---	---	1	383	175	450
Worth	1393	---	---	---	---	354	---	285	50	263	51	339	51	475	148	212
Wright	5811	50	21	---	71	1069	13	471	4181	2	---	---	4	1509	229	647

** 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.

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

Non - Profit
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University of Missouri

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