

UNIVERSITY OF MISSOURI-COLUMBIA
Agricultural Experiment Station

MISSOURI FERTILIZER TONNAGE REPORT, 2004-05

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	4,799*	19,377*	5-5-20	16	129	0-14-42	250	110	2-6-12	25	5		
Amm. Thiosulfate	1,594*	7,333*	6-24-24	304	550	0-18-36	---	114	2-6-32	40	762		
N. Solutions (26-32%)	48,946*	186,256*	10-10-10	52	535	4-3-2	612	93	3-9-27	930	3,127		
Ammonium Nitrate	84,681*	160,810*	12-12-12	387	2,576	4-19-38	246	185	3-10-30	1,497	3,631		
Urea	38,414*	157,172*	13-13-13	1,599	3,569	6-18-36	68	86	3-18-18	372	3,099		
Anhydrous Ammonia	32,513	133,393	15-30-15	85	348	6-24-24	5	34	4-10-10	---	517		
Other	7,698	18,935	20-10-10	126	631	7-18-36	26	73	4-12-24	82	2,123		
TOTAL	<u>218,645</u>	<u>683,276</u>	22-3-14	769	-56	9-23-30	297	514	5-15-15	---	43		
<u>PHOSPHATIC MATERIALS</u>			28-3-3	143	4,146	12-4-8	---	212	6-24-6	162	1,660		
Conc. Superphosphate	10,810*	19,155*	29-3-4	256	1,155	17-17-17	-12	-93	8-24-0	320	235		
Phosphoric Acid	99*	96*	30-3-4	114	1,739	19-19-19	10	275	9-18-9	28	394		
Rock Phosphate	30	189	32-3-8	222	148	25-10-10	---	281	10-20-10	17	377		
Other	175	563	34-3-11	723	55	33-3-0	1,963	908	10-30-0	291	3,373		
TOTAL	<u>11,114</u>	<u>20,003</u>	Misc.	13,399	16,817	Misc.	3,647	17,985	10-34-0	589	4,917		
<u>POTASH MATERIALS</u>			TOTAL	<u>18,195</u>	<u>32,342</u>	TOTAL	<u>7,112</u>	<u>20,777</u>	10-6-36-0	774	1,130		
Muriate of Potash	155,867*	270,701*	<u>AMMONIUM PHOSPHATES</u>						11-33-0	15	645		
Other	1,561	3,909	<u>BAGGED FERTILIZER</u>			<u>BULK FERTILIZER</u>			11-37-0	398	1,082		
TOTAL	<u>157,428</u>	<u>274,610</u>		<u>FALL</u>	<u>SPRING</u>		<u>FALL</u>	<u>SPRING</u>	17-1-3	188	1,196		
<u>MISC. MATERIALS</u>			11-52-0	30	2	31,552*	46,938*		17-2-5	353	17		
Organics	13,343	17,145	18-46-0	185	107	84,196*	179,196*		20-3-6-3.6	---	-25		
Other	50,911	83,249	TOTAL	<u>215</u>	<u>109</u>	<u>115,748</u>	<u>226,134</u>		Misc.	987	4,309		
TOTAL	<u>64,254</u>	<u>100,394</u>	TOTAL MIXED FERTILIZER						<u>148,338</u>	<u>311,979</u>	TOTAL	<u>7,068</u>	<u>32,617</u>
<u>TOTAL MATERIALS</u>	<u>451,441</u>	<u>1,078,283</u>	<u>TOTAL ALL FERTILIZERS</u>						<u>599,779</u>	<u>1,390,262</u>	<u>PRINCIPAL BLENDING MATERIALS</u>		
											(Approximate Tons Used in Blends)		
			<u>GRAND TOTAL</u>						<u>1,990,041</u>		<u>FALL</u>	<u>SPRING</u>	
											Ammonium Nitrate	67,745	128,648
											Urea	30,731	125,738
											Amm Phosphates	92,598	180,907
											Conc. Phosphates	8,648	15,324
											Muriate of Potash	124,694	216,561

* Includes tonnage reported as materials but blended prior to application

RECENT FERTILIZER SALES TRENDS IN MISSOURI

	% OF TOTAL SALES							
	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05
BAGGED FERTILIZERS								
Mixtures	3.1	3.5	3.5	3.3	3.5	3.7	4.7	6.7
Materials	0.9	0.9	0.6	0.9	0.7	1.5	1.0	1.6
TOTALS	<u>4.0</u>	<u>4.4</u>	<u>4.1</u>	<u>4.2</u>	<u>4.2</u>	<u>5.2</u>	<u>5.7</u>	<u>8.3</u>
BULK DRY FERTILIZERS								
Blends	56.4	53.4	54.4	55.4	54.8	56.0	53.6	51.0
Mfg'd. Mixtures	1.9	2.5	2.1	2.4	1.7	2.4	2.4	1.8
Dir. Appl. Material	14.0	13.3	13.6	13.8	13.7	14.0	13.4	12.8
TOTALS	<u>72.3</u>	<u>69.2</u>	<u>70.1</u>	<u>71.6</u>	<u>70.2</u>	<u>72.4</u>	<u>69.4</u>	<u>65.6</u>
LIQUID FERTILIZERS								
Mixtures	3.0	2.3	2.0	2.5	3.7	2.2	4.6	4.7
Nitrogen Solutions	14.8	16.2	15.9	15.4	13.8	12.8	13.5	13.1
Anhydrous Ammonia	5.9	7.9	7.9	6.3	8.1	7.3	6.8	8.3
TOTALS	<u>23.7</u>	<u>26.4</u>	<u>25.8</u>	<u>24.2</u>	<u>25.6</u>	<u>22.3</u>	<u>24.9</u>	<u>26.1</u>
TOTAL TONS	1,819,839	1,737,264	1,862,049	1,896,184	2,042,796	1,991,230	2,179,272	1,990,041

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JULY 1 THRU DECEMBER 31, 2004

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	26741	6	26	23228	23260	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, JANUARY 1 THRU JUNE 30, 2005

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	3304	93	---	2	95	1059	2	1050	923	157	---	---	18	577	494	662
Andrew	5686	42	26	70	138	1006	---	1903	1730	207	---	693	9	1602	916	620
Atchison	30121	19	---	2762	2781	2414	---	3148	2982	1	8716	2408	7671	6509	2379	1689
Audrain	23871	111	123	795	1029	7720	---	5926	---	2042	525	4817	1799	6215	3170	4843
Barry	5895	55	84	---	139	1533	---	876	3346	---	---	---	1	1314	410	922
Barton	19955	23	418	335	776	4297	---	4332	2414	3292	2178	1890	776	5434	2154	2664
Bates	10420	21	---	175	196	2386	---	3107	1124	1737	283	1587	---	3139	1461	1466
Benton	5845	62	---	113	175	2107	26	1390	76	1094	251	516	210	1334	683	1316
Bollinger	2893	4	---	33	37	828	204	1056	571	197	---	---	---	478	585	498
Boone	8767	1136	4	574	1714	1721	5	2421	415	248	486	1720	37	2344	1290	1123
Buchanan	11060	931	340	176	1447	561	38	1216	794	406	3313	2873	412	4103	779	461
Butler	27611	207	500	50	757	7628	2736	2709	100	10554	1733	---	1394	6157	2580	4685
Caldwell	14860	---	---	71	71	2648	---	2987	2230	2953	998	2924	49	5354	1423	1590
Callaway	7522	178	178	102	458	2039	---	2291	1061	488	523	657	5	1725	1106	1325
Camden	290	262	---	---	262	---	3	---	---	---	---	3	22	20	5	13
Cape Girardeau	17872	1254	505	302	2061	3130	601	2609	2097	1704	2386	1126	2158	3992	1635	2017
Carrroll	8859	14	---	312	326	835	---	1025	10	970	815	4862	16	4899	581	498
Carter	6	6	---	---	6	---	---	---	---	---	---	---	---	---	---	---
Cass	12102	618	989	107	1714	2226	170	2444	1931	1061	1171	1055	330	3043	1472	1567
Cedar	18971	32	---	9428	9460	1083	5106	1186	1858	206	---	---	72	951	2398	657
Chariton	18268	27	1199	1290	2516	5575	39	2724	205	2212	**	5053	259	5746	1814	3967
Christian	4970	684	423	---	1107	862	26	602	2228	2	---	---	143	920	347	530
Clark	10113	43	57	753	853	3423	**	2680	214	452	**	3400	115	3188	1535	2110
Clay	2051	1306	556	147	2009	9	11	---	---	3	---	---	19	224	38	68
Clinton	4603	81	22	10	113	1429	---	834	703	426	48	1028	22	1449	392	881
Cole	9459	859	31	8	898	2410	86	2168	1613	1198	76	706	304	2205	1088	1546
Cooper	18035	50	---	10	60	4114	207	4188	2038	2588	2042	2731	67	5525	2033	2558
Crawford	2119	53	---	---	53	538	---	617	824	5	---	---	82	404	287	325
Dade	15793	731	---	28	759	4150	1	3824	5823	1098	---	---	138	3253	1844	2460
Dallas	3302	101	1	---	102	850	78	989	1270	---	---	---	13	617	493	526
Davless	3433	126	24	---	150	989	---	701	674	166	50	698	5	1005	375	629
DeKalb	6936	1	---	12	13	1192	129	624	420	131	305	1573	2549	1725	349	716
Dent	2115	128	---	---	128	760	99	542	531	---	---	---	55	296	304	466
Douglas	787	41	---	---	41	221	---	152	373	---	---	---	---	152	70	132
Dunklin	57063	104	2223	681	3008	12141	226	4692	2975	8889	20298	114	4720	13403	2690	8031
Franklin	15552	1147	212	6	1365	3154	314	3242	2168	3836	---	1330	143	4320	1728	2042
Gasconade	11226	129	---	194	323	2941	128	2812	1495	2641	180	580	126	2781	1444	1812
Gentry	10999	43	---	**	**	1090	1	2352	3448	4	2091	2021	---	3818	1172	658
Greene	17607	5593	25	193	5811	3071	108	2300	4268	79	---	1314	656	3637	1363	2135
Grundy	9663	53	---	2	55	3521	---	1519	1688	686	348	1821	25	2739	744	2161
Harrison	10125	41	---	65	106	2231	---	1648	1127	125	1362	3403	123	3879	854	1361
Henry	9137	287	24	---	311	2940	27	2465	2319	1031	---	---	44	1711	1171	1783
Hickory	2155	---	76	---	76	405	---	512	1084	78	---	---	---	497	236	244
Holt	15213	9	---	1313	1322	1614	---	2236	1783	11	2460	3913	1874	4884	1403	1092
Howard	8	6	---	1	7	---	---	---	---	---	---	---	1	---	---	---
Howell	12898	221	98	1	320	2939	136	3635	5536	2	---	---	330	2615	1748	1788
Iron	38	18	---	---	18	---	---	---	---	---	---	20	---	16	---	---
Jackson	9186	8549	37	18	8604	83	97	3	25	45	2	8	319	1236	212	337
Jasper	14827	739	1694	73	2506	2808	4	2016	2359	3445	1283	202	204	3625	1232	2069
Jefferson	1957	1220	---	---	1220	203	92	199	---	158	---	---	85	225	149	162
Johnson	3274	184	50	324	558	523	---	555	263	371	937	---	67	670	329	384
Knox	8646	2	542	285	829	2773	---	1817	953	137	177	1959	1	2373	1040	1859
Laclede	8610	437	24	---	461	2814	239	2249	2512	125	---	---	210	1341	1157	1701
Lafayette	23516	71	**	198	240	5222	---	5095	670	3934	2724	4267	1364	7309	2656	3210
Lawrence	6245	56	---	---	56	1776	---	1262	2780	368	---	---	4	1338	581	1039
Lewis	15886	14	---	75	89	5734	362	3662	1282	568	591	3569	29	4445	1900	3511
Lincoln	16234	308	2	110	420	4442	649	3407	505	3443	1273	2003	92	4435	1953	2761

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JULY 1 THRU DECEMBER 31, 2004

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	5295	7	---	---	7	2625	---	1341	327	211	491	266	27	773	666	1585
Mercer	20224	1	---	19171	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	2404	7	---	2	9	699	25	499	1063	21	---	---	88	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	223	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, JANUARY 1 THRU JUNE 30, 2005

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	8557	42	46	43	131	3128	409	1434	904	1048	74	1395	34	2160	942	1944
Livingston	6120	66	---	63	129	1857	172	1142	868	606	1077	263	6	1324	623	1126
McDonald	2733	55	---	---	55	257	---	224	2143	1	7	33	13	799	103	154
Macon	10029	84	165	6	255	3817	---	1979	389	943	97	1700	849	2472	1031	2349
Madison	1304	63	---	---	63	440	---	523	---	275	---	---	3	222	241	264
Maries	13	---	---	9	9	1	---	1	1	---	---	---	1	1	1	1
Marion	22262	32	75	472	579	6540	---	6904	1143	876	2240	3899	81	5890	3463	3965
Mercer	41963	17207	741	22234	40182	456	26	412	383	---	24	465	15	831	758	525
Miller	4851	247	3	---	250	1295	24	1065	571	1622	1	---	23	1144	494	803
Mississippi	58331	36	133	1463	1632	7054	848	5502	974	5740	31493	873	4215	15382	3297	4160
Moniteau	3092	129	85	126	340	297	42	680	---	1030	173	522	8	1094	368	217
Monroe	15173	25	129	22	176	5065	571	3254	2158	8	204	3188	549	4095	1834	3102
Montgomery	15713	86	301	321	708	3480	129	3130	1061	2196	2138	2695	176	4820	1735	2188
Morgan	7487	99	---	39	138	1534	54	1645	1712	1514	706	---	184	1808	801	959
New Madrid	61861	32	1415	2010	3457	12690	1035	6487	142	17848	15471	82	4649	15944	3776	7859
Newton	12267	152	---	60	212	2074	39	1555	3101	846	98	183	4159	1930	744	1230
Nodaway	21502	73	822	488	1383	2870	---	3886	2848	177	5233	4972	133	7283	2276	1940
Oregon	7459	116	267	---	383	1830	25	1898	3323	---	---	---	---	1568	881	1089
Osage	9245	110	---	174	284	1942	180	1553	2981	1333	376	536	60	2492	828	1236
Ozark	6387	10	---	---	10	1554	---	1435	3234	---	---	---	154	1374	659	932
Pemiscot	32986	34	66	79	179	2659	501	591	---	9030	17541	36	2449	10134	488	1621
Perry	12537	404	---	73	477	2639	266	2408	1926	1523	1785	1497	16	3616	1264	1546
Pettis	14119	334	---	148	482	3495	---	3858	2574	1104	444	2059	103	3876	1900	2197
Phelps	11979	9295	---	2	9297	796	100	851	810	47	---	---	78	1269	740	718
Pike	35428	49	523	552	1124	10520	---	7677	2840	1814	4077	5672	1704	9365	3809	6464
Platte	6784	524	44	---	568	730	---	717	2845	755	60	1106	3	2431	356	459
Polk	7694	88	125	---	213	1615	---	2426	2658	570	---	---	212	1667	1137	983
Pulaski	6044	151	---	---	151	1547	---	1932	2101	297	---	---	16	1199	891	930
Putnam	7011	26	---	---	26	1726	102	1756	1273	675	1374	16	63	1513	861	1053
Ralls	11402	29	---	4214	4243	1734	305	1814	329	552	844	1538	43	2401	1733	1934
Randolph	10331	1787	20	2733	4540	1316	1	1073	1337	53	1497	---	514	1539	1038	1523
Ray	19179	101	---	187	288	3407	1	3547	2595	833	1741	6372	395	7531	1912	2106
Reynolds	10	10	---	---	10	---	---	---	---	---	---	---	---	---	---	---
Ripley	4375	35	269	229	533	893	227	1000	820	536	15	---	351	793	659	646
St. Charles	23015	4208	3866	602	8676	1344	36	1168	54	964	9522	1073	178	5109	999	1031
St. Clair	6569	42	24	---	66	1583	25	1808	2059	1028	---	---	---	1499	844	950
St. Francois	2143	497	2	8	507	519	25	483	---	604	---	---	5	388	250	326
Ste. Genevieve	8449	119	---	140	259	1774	49	1307	347	1380	1528	1797	8	2975	680	1074
St. Louis	16259	12815	87	467	13369	127	238	7	1666	74	102	28	648	2193	404	612
Saline	25903	191	108	1343	1642	4142	---	3279	100	1590	1514	12285	1351	11935	2014	2614
Schuyler	2515	12	710	412	1134	418	---	462	---	426	18	51	6	397	229	272
Scotland	8968	12	327	2346	2685	1810	614	869	500	341	928	1111	110	1850	1041	1740
Scott	25936	238	688	759	1685	2505	387	1454	710	1592	14533	865	2205	6848	1151	1637
Shannon	3980	22	---	---	22	974	49	915	860	257	293	595	15	1153	446	589
Shelby	19756	42	2682	1055	3779	5164	---	3909	1941	1100	1346	2373	144	4581	2461	3997
Stoddard	61119	95	788	41	924	10329	1134	8168	4130	22194	7715	1467	5058	17840	4402	6379
Stone	596	16	---	---	16	501	---	79	---	---	---	---	---	14	36	310
Sullivan	3982	14	---	---	14	1452	106	1089	637	159	453	66	6	679	554	885
Taney	718	648	66	---	714	---	---	---	1	---	---	---	3	35	13	18
Texas	17390	32	---	---	32	4698	128	4637	6215	198	344	665	473	3661	2215	2855
Vernon	18199	58	20	223	301	3709	---	4708	3076	3290	833	2154	128	5445	2212	2269
Warren	6816	**	5	25	**	880	72	1740	179	1727	---	488	1869	1552	804	503
Washington	2397	42	72	---	114	660	---	983	---	640	---	---	---	473	453	398
Wayne	2496	28	---	---	28	746	49	925	672	---	---	---	76	407	448	448
Webster	5520	231	74	8	313	1853	73	1081	2139	6	---	---	55	969	548	1138
Worth	1673	---	---	---	---	200	---	349	615	53	25	431	---	646	169	120
Wright	11673	192	11	1	204	3792	1	2471	5044	130	---	---	31	2225	1155	2309

** Credits exceeded shipments.

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

Non - Profit
U.S. Postage
PAID
University of Missouri

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