

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

YEAR	TOTAL TONS OF PLANT FOODS				MIXED FERTILIZERS		FERTILIZER MATERIALS			ROCK PHOSPHATE
	TOTAL TONS		AVAIL		TOTAL	AVERAGE	TONS	TONS	TONS	
	FERTILIZER	NITROGEN	P ₂ O ₅	K ₂ O	TONS	%N-P ₂ O ₅ -K ₂ O	N	P ₂ O ₅	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	1,764,772	409,526	205,082	258,997	1,310,314	14.9-15.4-18.6	214,173	3,323	15,372	1,631
1977	1,599,131	377,698	180,840	232,687	1,175,295	14.4-15.3-18.9	207,442	925	10,175	690
1978	1,641,026	337,977	197,455	271,878	1,301,099	14.5-15.1-19.7	149,432	1,552	15,510	1,320
1979	1,909,454	369,782	230,250	320,782	1,536,164	13.6-14.9-19.7	161,835	1,572	18,613	366
1980	1,973,113	419,809	228,428	317,431	1,470,812	14.3-15.4-19.7	209,113	3,106	27,967	483
1981	1,662,293	368,935	164,210	254,310	1,107,001	13.2-14.8-20.9	222,693	981	23,248	230
1982	1,345,383	311,319	129,737	195,823	863,660	14.2-14.7-19.4	189,464	2,624	28,728	296
1983	1,594,541	343,839	177,143	255,793	1,063,841	13.8-16.0-20.7	197,492	6,493	35,312	2,131
1984	1,361,714	306,505	133,294	202,189	422,342*	13.8-24.9-9.9	242,555	19,976	156,315	297
1985	1,485,609	357,793	141,185	212,575	416,158*	15.5-28.2-10.7	293,356	24,006	168,125	424
1986	1,491,807	355,848	147,002	222,734	387,103*	15.5-30.7-9.6	295,977	27,984	185,703	358
1987	1,640,909	369,574	183,298	265,939	461,819*	15.1-32.7-8.0	299,790	32,278	228,977	188
1988	1,665,972	391,283	180,617	245,733	448,348*	14.9-33.5-6.4	324,657	30,288	217,082	447
1989	1,754,283	418,524	180,120	264,479	433,701*	14.9-34.4-5.8	353,945	31,053	239,329	480
1990	1,577,530	378,953	159,077	227,942	389,045*	15.2-34.9-5.2	320,000	23,056	207,537	632
1991	1,603,921	392,348	163,698	226,658	402,737*	15.0-34.6-5.1	331,927	24,250	205,982	518
1992	1,822,057	446,281	191,124	261,511	445,786*	15.5-36.8-4.5	377,191	27,085	241,190	648
1993	1,694,931	412,665	167,651	229,620	392,681*	16.0-38.0-4.0	351,170	20,025	213,626	52
1994	1,772,395	431,126	182,428	258,393	427,422*	15.7-37.3-4.1	364,019	22,761	240,753	109
1995	1,613,085	382,996	162,234	243,357	380,311*	15.7-36.7-3.8	323,265	22,609	228,901	0
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

* 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, 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	3761	20	55	61	136	1106	---	750	1184	174	---	303	108	871	384	715
Andrew	4230	---	28	22	50	963	---	946	413	1181	48	538	91	1328	448	589
Atchison	23854	4	1	2716	2721	2230	---	2793	2321	1	7484	4566	1738	7525	2078	1681
Audrain	18683	20	54	921	995	5771	13	4410	30	2340	1220	3027	877	4688	2372	3643
Barry	5890	11	547	---	558	1500	---	834	2718	189	---	---	91	1338	407	891
Barton	16393	3	---	612	615	5020	---	3809	1320	1324	3479	737	89	3465	1961	2951
Bates	23498	1	---	325	326	5745	---	5345	4191	3679	1654	2507	51	6668	2518	3505
Benton	6528	15	7	25	47	2094	---	1640	737	1212	74	325	399	1466	762	1302
Bollinger	2393	---	---	44	44	649	53	935	640	65	---	---	7	418	462	395
Boone	7284	90	25	254	369	1476	6	1525	703	210	404	1611	980	2143	813	973
Buchanan	20778	61	145	244	450	645	51	898	1059	512	3109	1530	12524	3170	567	493
Butler	31993	2	866	1	869	9283	3095	3390	26	10941	2329	---	2060	6798	3084	5689
Caldwell	7486	---	---	51	51	1673	---	1910	1744	844	552	706	6	2047	924	1005
Callaway	5772	20	20	181	221	1596	---	1747	1281	309	488	41	89	1089	840	1037
Camden	408	---	---	---	---	27	3	25	---	---	---	---	353	34	21	34
Cape Girardeau	23108	112	470	526	1108	4368	362	3064	2013	1743	3702	903	5845	4274	1802	2812
Carroll	12064	6	---	177	183	1262	---	1040	144	2136	1522	5754	23	6414	540	763
Carter	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cass	21341	98	1181	81	1360	3871	113	3845	3714	3035	3532	1057	814	5649	2109	2620
Cedar	6571	43	---	1936	1979	1503	---	1367	1541	158	---	---	23	853	636	909
Chariton	21310	7	195	1862	2064	6139	**	3937	373	2677	2157	3124	853	5318	2335	4155
Christian	4774	271	593	---	864	1068	74	703	1735	---	---	---	330	796	420	676
Clark	8784	5	59	481	545	2853	97	2486	106	734	**	2424	235	2546	1463	1747
Clay	1898	---	13	26	39	11	10	---	31	1	---	549	1257	632	36	66
Clinton	4948	16	---	---	16	1137	---	2164	948	307	50	207	119	1038	1003	702
Cole	9576	174	21	2	197	2443	118	2217	1603	1512	124	649	713	2301	1113	1556
Cooper	20229	5	30	17	52	4422	145	3875	2487	3497	3504	2102	145	6011	1860	2740
Crawford	2270	14	---	---	14	674	---	691	711	146	---	---	34	431	321	406
Dade	21669	---	1986	1	1987	4936	---	5015	7848	1260	52	41	530	4923	2452	2900
Dallas	4542	---	---	---	---	1469	59	1441	1423	---	---	---	150	751	693	904
Daviess	42412	83	6432	14799	21314	1039	13	606	1070	371	52	565	17382	1301	793	694
DeKalb	10772	9	6	36	51	441	---	784	349	107	298	600	8142	964	390	267
Dent	2612	62	6	---	68	847	24	851	669	---	---	---	153	410	413	518
Douglas	661	---	---	---	---	221	---	131	252	15	---	---	42	115	60	132
Dunklin	58697	8	2756	583	3347	12049	919	4193	6500	7137	19821	108	4623	13547	2698	8208
Franklin	17218	359	750	4	1113	4735	237	3222	1867	3704	---	1633	707	4399	1691	3042
Gasconade	7950	82	10	---	92	2305	131	1994	927	2400	---	---	101	1799	992	1415
Gentry	13250	---	53	11	64	2765	---	2011	3573	---	3843	983	11	3453	1035	1707
Greene	14839	109	721	289	1119	2348	110	1758	3938	182	31	---	5353	2484	1131	1659
Grundy	10680	7	83	1	91	3609	---	1406	2981	367	764	1262	200	2740	686	2228
Harrison	10789	18	2	68	88	2577	---	2208	1768	213	1223	2683	29	3560	1153	1562
Henry	10945	---	53	---	53	3095	53	2775	3068	1433	302	---	166	2308	1312	1871
Hickory	1438	---	75	---	75	309	---	429	624	---	---	---	1	289	197	185
Holt	15216	---	---	1175	1175	1845	---	1912	994	1	5800	3124	365	4909	1177	1229
Howard	3	---	---	3	3	---	---	---	---	---	---	---	---	---	---	---
Howell	15157	87	---	2	89	4098	148	3758	6645	1	2	---	416	2978	1813	2487
Iron	267	---	---	---	---	89	---	53	13	---	101	---	11	38	27	53
Jackson	10777	44	79	959	1082	69	60	7	191	172	19	18	9159	1465	290	426
Jasper	15629	---	1888	243	2131	2932	10	2620	1554	3114	1429	21	1818	3384	1679	2248
Jefferson	2723	9	8	113	130	371	42	338	81	436	125	4	1196	446	214	280
Johnson	9057	---	24	849	873	1199	---	1258	2043	1848	913	679	244	2682	733	888
Knox	6789	---	733	139	872	1695	---	1375	1331	7	151	1326	32	1903	814	1224
Laclede	6230	60	---	2	62	2595	53	1461	1733	---	---	---	326	868	710	1575
Lafayette	26179	---	73	338	411	5905	24	5126	942	3249	6080	2446	1996	6625	2735	3605
Lawrence	8774	---	---	---	---	1915	---	1109	5475	176	---	---	99	2133	511	1098
Lewis	18210	7	34	42	83	6625	311	5083	1645	617	758	3045	43	4453	2545	4044
Lincoln	14463	127	60	88	275	4505	719	2761	524	2927	1221	1256	275	3477	1654	2783

** 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
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	1872	
Audrain	9626	11	---	487	498	2908	---	3378	---	1520	402	672	1936	1685	1821	
Barry	3679	---	---	---	---	1152	---	393	2114	---	---	20	805	180	681	
Barton	10708	5	---	112	117	3401	---	2948	1783	1335	499	543	2366	1396	1825	
Bates	2299	---	---	51	51	864	---	696	252	385	27	20	414	329	530	
Benton	2366	22	---	---	22	721	---	525	372	664	---	36	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	579	424	423	
Buchanan	3159	196	30	---	226	595	---	852	360	447	97	415	880	465	376	
Butler	4958	18	189	---	207	1432	571	256	9	2162	---	---	1125	393	885	
Caldwell	9355	2	---	---	2	4076	---	3226	1327	184	76	452	1486	1509	2462	
Callaway	2336	9	---	25	34	587	---	746	828	75	4	60	502	346	371	
Camden	126	118	---	---	118	---	---	---	---	---	---	---	17	7	20	
Cape Girardeau	5340	432	252	4	688	1370	393	633	276	262	75	---	504	511	865	
Carroll	5487	25	---	25	50	1095	1	1725	---	613	205	1236	1783	829	678	
Carter	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Cass	6282	286	22	37	345	1618	76	1167	1294	70	1412	141	1304	633	1022	
Cedar	2381	---	---	---	---	327	---	286	75	26	---	---	88	131	196	
Chariton	11744	---	348	310	658	2312	35	1015	680	604	4272	1470	3357	626	1580	
Christian	997	126	145	---	271	357	---	224	104	1	---	---	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	---	---	155	30	47	
Clinton	9057	33	---	---	33	2030	---	1725	5008	---	---	211	2214	795	1256	
Cole	2573	346	1	---	347	537	5	428	877	246	49	82	609	236	369	
Cooper	6701	10	8	14	32	2533	27	2021	1586	104	---	348	1239	948	1570	
Crawford	712	11	---	---	11	120	---	47	120	---	414	---	182	23	73	
Dade	6214	307	2	17	326	1708	---	1796	1987	395	---	---	1232	863	1050	
Dallas	2252	6	---	---	6	699	51	548	899	---	48	---	419	275	422	
Daviess	26741	6	26	23228	23260	597	26	1000	1411	305	---	137	1021	847	404	
DeKalb	5432	4	---	---	4	1377	100	947	2630	79	46	124	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	---	1280	898	1860	
Franklin	6415	589	163	---	752	2015	467	1461	846	608	---	249	1103	956	1340	
Gasconade	2470	42	---	---	42	510	13	587	956	258	---	97	631	284	315	
Gentry	4876	---	---	---	---	1181	---	1021	1271	---	726	677	1406	469	724	
Greene	7279	2276	540	65	2881	1546	287	849	1456	35	---	---	1053	686	1080	
Grundy	4046	25	---	3	28	894	---	1291	972	206	249	309	987	650	551	
Harrison	3519	1	---	---	1	647	---	854	906	252	75	755	1178	441	391	
Henry	5432	15	---	---	15	1446	53	1555	1469	893	---	---	1177	754	879	
Hickory	1101	25	126	---	151	509	---	441	---	---	---	---	80	204	306	
Holt	13492	1	---	---	1	2431	---	2908	1760	---	3835	1583	3393	1465	1483	
Howard	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Howell	4066	21	820	---	841	1146	---	521	1407	1	---	---	865	258	699	
Iron	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Jackson	4771	2852	4	284	3140	96	23	---	---	215	---	---	742	162	292	
Jasper	5946	170	1325	153	1648	1342	1	1492	239	855	342	19	961	952	1187	
Jefferson	443	279	---	---	279	54	35	24	---	37	---	---	90	36	60	
Johnson	982	21	---	74	95	104	---	81	106	259	155	78	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	4919	2194	1591	
Lawrence	5325	---	---	---	---	1503	---	983	2683	155	---	---	1155	451	901	
Lewis	6202	---	---	---	---	3058	387	733	1015	467	31	494	1098	519	1866	
Lincoln	6072	82	9	---	91	3088	486	1080	381	532	99	309	862	737	1913	

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JANUARY 1 THRU JUNE 30, 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	9710	1	2	---	3	3382	251	2251	1622	1258	124	712	107	2079	1263	2081
Livingston	5463	4	---	25	29	1787	112	1079	1617	497	176	77	89	1101	557	1084
McDonald	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Macon	10276	18	833	6	857	3705	---	1971	664	1338	108	448	1185	1728	1084	2533
Madison	1702	---	---	---	---	599	---	677	---	370	---	---	56	293	312	360
Maries	16	---	7	8	15	---	---	---	---	---	---	---	1	1	2	1
Marion	20623	3	327	551	881	6118	204	4359	1745	787	3332	3081	116	5309	2362	3695
Mercer	3456	7	789	11	807	654	79	524	756	---	52	370	214	753	414	606
Miller	5443	---	5	---	5	1441	---	1180	589	1916	---	---	312	1306	548	902
Mississippi	62674	---	29	1860	1889	8700	842	4707	1038	4747	35413	1134	4204	16204	3020	5167
Moniteau	3187	31	9	2	42	1044	---	619	76	682	316	401	7	885	290	652
Monroe	14492	8	313	13	334	4036	521	3069	3628	92	231	2482	99	3938	1749	2506
Montgomery	16665	59	50	447	556	3794	62	3555	537	3225	2460	1782	694	4576	1888	2422
Morgan	8658	40	53	369	462	1819	101	1740	1973	1770	450	---	343	2037	889	1148
New Madrid	73390	3	983	1175	2161	14482	208	6385	8518	16914	18975	409	5338	19591	3303	8998
Newton	11493	41	---	---	41	1791	25	1326	2810	976	---	158	4366	1791	627	1071
Nodaway	20379	---	794	975	1769	3382	---	3168	3497	258	4833	3203	269	5999	1974	2306
Oregon	8268	30	---	---	30	2301	77	2147	3679	---	---	---	34	1633	1026	1395
Osage	6582	136	13	151	300	1490	130	1067	1576	1035	425	547	12	1816	588	953
Ozark	7069	---	69	---	69	2180	---	1628	3052	---	---	---	140	1361	749	1312
Pemiscot	25879	---	209	379	588	3053	1484	243	475	7775	9406	15	2840	7261	826	1904
Perry	13573	78	259	95	432	3092	274	2849	2104	1286	1897	1311	328	3601	1481	1842
Pettis	17259	34	13	207	254	3615	---	3631	4025	2170	537	1604	1423	4528	1807	2273
Phelps	9872	48	2	49	99	811	25	882	1005	---	---	---	7050	1203	670	671
Pike	31764	22	2398	508	2928	7492	24	5421	3270	978	6228	3606	1817	7946	3154	5152
Platte	4721	---	78	68	146	968	---	481	1299	2	77	773	975	1325	274	615
Polk	7020	58	78	---	136	2035	---	1991	1988	590	---	---	280	1361	929	1247
Pulaski	6531	42	---	---	42	1614	25	2019	2509	172	---	---	150	1294	944	972
Putnam	9224	3	52	25	80	2546	131	2192	1770	596	1788	21	100	1876	1084	1567
Ralls	11139	---	509	3291	3800	1945	126	1849	307	847	1017	1219	29	2319	1531	1933
Randolph	9774	46	1	2412	2459	1403	1	1322	970	96	1942	142	1439	1616	1084	1480
Ray	18557	29	4	376	409	3639	---	2841	3422	562	3383	3878	423	6155	1547	2245
Reynolds	2	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---
Ripley	5208	10	279	218	507	1150	249	1350	426	1047	26	---	453	983	833	799
St. Charles	20081	201	1086	661	1948	2514	50	1194	607	364	8746	1036	3622	4695	991	1740
St. Clair	5227	---	23	---	23	1458	24	1681	1013	983	---	---	45	1100	785	889
St. Francois	2554	45	58	7	110	698	105	692	---	501	---	---	448	416	390	441
Ste. Genevieve	9207	89	3	141	233	1830	356	1466	643	1533	1723	1319	104	2863	897	1081
St. Louis	21311	69	2075	619	2763	2668	144	1	3	158	128	---	15446	2165	756	2647
Saline	19682	4	15	892	911	3855	153	2440	410	1997	1989	7194	733	8029	1557	2404
Schuyler	1648	4	2	---	6	529	---	502	---	548	9	47	7	380	235	329
Scotland	7685	4	548	1511	2063	1386	426	717	466	281	1193	1009	144	1790	778	1405
Scott	30485	---	389	876	1265	3866	570	2170	669	1535	15882	894	3634	7474	1605	2455
Shannon	507	---	---	---	---	179	---	50	278	---	---	---	---	103	22	107
Shelby	20036	1	2625	1165	3791	5262	27	4088	2424	956	1646	1531	311	4161	2566	4139
Stoddard	49430	37	1214	631	1882	10109	1077	6220	366	17526	7802	1313	3135	13697	3638	6504
Stone	1152	---	---	---	---	503	---	311	281	---	---	43	14	186	143	308
Sullivan	5694	---	---	---	---	1903	53	1593	971	423	647	47	57	1047	765	1148
Taney	725	---	33	1	34	---	---	---	4	---	---	---	687	36	13	17
Texas	23658	---	4	23	27	8246	270	5878	7738	280	168	551	500	4320	2873	4953
Vernon	18991	---	---	84	84	4819	---	4739	3178	3868	752	1367	184	5072	2196	2902
Warren	7904	19	7	17	43	2671	92	1586	---	1566	---	101	1845	1152	928	1678
Washington	2714	---	48	---	48	827	---	1055	---	636	---	---	148	490	488	501
Wayne	2419	---	25	---	25	749	50	900	470	---	---	39	186	390	436	455
Webster	9370	69	123	10	202	3048	52	1547	4378	---	---	---	143	1785	753	1835
Worth	1628	---	---	---	---	459	---	183	343	133	177	331	2	530	86	279
Wright	11352	95	---	3	98	3839	---	2617	4694	22	---	---	82	2079	1216	2344

** 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
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.

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

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