

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

YEAR	TOTAL TONS OF PLANT FOODS				MIXED FERTILIZERS		FERTILIZER MATERIALS			
	TOTAL TONS FERTILIZER	AVAIL NITROGEN	AVAIL P ₂ O ₅	AVAIL 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	ROCK PHOSPHATE
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

* 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, 2003

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	6287	179	32	537	748	1119	---	673	1253	2320	25	104	45	1789	530	708
Andrew	6292	131	---	82	213	1239	---	1836	1447	780	15	743	19	1823	881	757
Atchison	25211	44	129	2132	2305	2613	---	3731	2562	787	8234	3823	1156	7710	2473	1740
Audrain	15379	98	180	668	946	3768	90	3623	140	1933	955	2968	956	4352	1908	2386
Barry	5294	99	1	---	100	1337	34	1046	2772	---	---	---	5	1131	497	810
Barton	18199	32	21	119	172	5226	---	4175	1742	2461	2931	1482	10	4599	1970	3062
Bates	24181	50	---	247	297	5538	---	5742	4679	4314	1188	2353	70	6927	2727	3337
Benton	5113	134	---	---	134	1582	---	921	210	1710	---	260	296	1300	428	985
Bollinger	3709	3	---	15	18	1286	66	1331	809	199	---	---	---	607	645	773
Boone	6779	893	23	287	1203	1453	4	1277	829	182	239	1553	39	2036	703	950
Buchanan	25481	963	66	353	1382	880	51	1016	1003	914	1004	1416	17815	2755	658	622
Butler	26195	162	355	---	517	7908	2509	2515	24	9091	2289	---	1342	5659	2343	4794
Caldwell	6422	5	---	64	69	1584	---	1580	1461	925	227	574	2	1733	765	960
Callaway	5870	178	151	53	382	1527	---	1620	1745	341	---	239	16	1280	785	989
Camden	368	310	14	---	324	1	---	---	---	---	---	---	43	24	10	23
Cape Girardeau	21059	979	828	246	2053	2914	193	2043	2393	1566	3543	705	5649	4011	1243	1980
Carroll	10062	35	204	371	610	1022	97	1307	137	1794	1853	2616	626	3888	783	647
Carter	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cass	19810	785	1019	231	2035	3487	15	3783	4930	1641	2066	1127	726	4938	2086	2337
Cedar	4753	55	---	5	60	1349	---	1353	1847	130	---	---	14	934	626	802
Chariton	23527	26	543	1211	1780	4940	7	6580	592	2955	3010	2876	787	5987	3624	3399
Christian	5475	368	2	---	370	1333	76	1013	2017	---	---	---	666	897	535	802
Clark	9277	37	25	1288	1350	2494	46	2397	95	802	289	1652	152	2295	1490	1535
Clay	1027	921	18	9	948	21	7	---	11	1	25	---	14	152	41	49
Clinton	6895	61	---	---	61	1670	---	2014	2834	1	26	286	3	1564	933	1022
Cole	9229	739	3	5	747	1838	133	2038	2005	1358	285	637	188	2379	1049	1191
Cooper	17602	40	---	6	46	3335	65	3292	2476	2987	3598	1751	52	5403	1546	2055
Crawford	2321	52	---	---	52	666	---	719	859	2	---	---	23	423	333	406
Dade	20135	259	---	2	261	5559	---	4645	8405	979	52	122	112	4318	2166	3263
Dallas	4933	232	42	---	274	1305	8	1334	1907	---	22	62	21	968	634	841
Daviess	3304	62	47	2	111	593	26	704	842	328	303	392	5	956	380	369
DeKalb	6800	7	6	82	95	1039	51	983	910	---	231	426	3065	944	502	634
Dent	3272	141	---	---	141	1025	54	1082	969	---	---	---	1	532	534	626
Douglas	923	47	---	---	47	325	---	249	302	---	---	---	---	150	117	197
Dunklin	49816	222	2063	535	2820	10231	249	3255	3071	7702	19083	125	3280	12087	1936	6752
Franklin	18809	927	2670	---	3597	3950	104	3459	2383	4002	---	1195	119	4538	1951	2732
Gasconade	8120	136	16	---	152	2384	142	1925	1080	2358	---	---	79	1829	969	1470
Gentry	10719	31	---	**	14	1610	---	1514	3153	---	3471	954	3	3153	761	1000
Greene	21089	5286	426	252	5964	4212	260	2713	4747	106	2	---	3085	3294	1660	2785
Grundy	7703	19	24	3	46	1918	---	1640	1987	217	614	1268	13	2268	803	1161
Harrison	7981	24	---	124	148	1771	2	1627	1810	515	351	1698	59	2572	865	1085
Henry	14200	92	427	25	544	2904	27	3576	4972	1826	153	60	138	3302	1701	1766
Hickory	1386	---	200	---	200	422	---	422	340	---	---	---	2	193	195	255
Holt	11843	2	61	872	935	1802	---	2031	1132	22	3556	1074	1291	2666	1187	1223
Howard	1	---	---	1	1	---	---	---	---	---	---	---	---	---	---	---
Howell	18214	231	3	2	236	4900	124	5259	7120	496	---	---	79	3621	2492	2984
Iron	6	6	---	---	6	---	---	---	---	---	---	---	---	---	---	---
Jackson	10662	8256	163	1091	9510	55	33	3	---	533	25	81	422	1760	336	474
Jasper	11719	834	1345	93	2272	2136	4	1742	2223	1904	1303	---	135	2583	1097	1617
Jefferson	1641	881	25	---	906	183	72	180	210	12	---	4	74	207	137	147
Johnson	10395	110	1	351	462	1813	3	2089	2549	1543	1058	828	50	2938	1058	1147
Knox	5096	1	352	223	576	1496	---	1350	1208	---	50	410	6	1018	739	1042
Laclede	7093	155	149	---	304	2540	84	1566	2596	---	---	---	3	1187	789	1516
Lafayette	22479	115	94	459	668	4374	1	4314	1366	2706	5192	2510	1348	6149	2353	2695
Lawrence	9165	55	---	---	55	2172	5	1436	5160	308	---	---	29	2144	662	1286
Lewis	11445	8	9	13	30	2961	310	2252	2030	414	619	2821	8	3783	1193	1801
Lincoln	13431	270	57	94	421	3707	386	2938	1127	3061	1065	714	12	3277	1584	2299

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JULY 1 THRU DECEMBER 31, 2003

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	3791	9	1	---	10	1180	---	1072	583	967	---	**	20	801	496	733
Andrew	4781	11	29	33	73	724	---	935	2579	154	---	304	12	1381	437	448
Atchison	21708	18	---	883	901	2717	---	3680	1095	---	9251	3192	872	6427	2210	1672
Audrain	17617	35	38	622	695	6456	35	5575	---	2207	699	1665	285	3477	2797	4017
Barry	3525	5	48	---	53	694	---	510	2168	---	---	100	---	922	237	430
Barton	10692	1	96	86	183	2453	---	2670	2271	1980	527	594	14	2816	1265	1428
Bates	13580	2	---	---	2	4188	---	4832	2092	1192	175	1088	11	3057	2234	2512
Benton	3248	22	---	---	22	677	103	1164	53	1148	---	3	78	775	586	422
Bollinger	1034	---	---	---	---	352	---	172	387	123	---	---	---	218	79	211
Boone	2578	249	16	101	366	757	4	799	185	235	---	184	48	518	405	498
Buchanan	18690	244	121	208	573	1259	25	925	500	542	893	1086	12887	1890	574	810
Butler	7064	50	208	502	760	1687	504	752	---	3075	51	---	235	1630	610	1072
Caldwell	5209	---	---	1	1	1360	---	1494	1937	179	---	235	3	1180	708	827
Callaway	3055	12	20	---	32	852	---	676	1055	196	---	238	6	770	314	533
Camden	124	112	---	---	112	1	2	---	---	---	---	---	9	17	3	14
Cape Girardeau	8727	305	29	17	351	2247	239	1490	1142	389	306	105	2458	1101	832	1395
Carroll	8083	14	4	51	69	2051	24	1813	129	577	---	2974	446	3083	896	1259
Carter	177	---	---	---	---	177	---	---	---	---	---	---	---	---	---	109
Cass	10760	764	71	77	912	3119	184	2690	1343	248	1591	241	432	1909	1499	1978
Cedar	2659	22	---	---	22	550	---	523	1330	209	---	---	25	645	243	333
Chariton	16190	6	827	804	1637	4633	8	3461	2	611	2023	3315	500	4291	2005	3280
Christian	1625	190	229	---	419	311	14	122	504	---	---	---	255	223	96	194
Clark	17256	1	89	23	113	5119	46	2573	69	285	7042	2005	4	4381	1338	3138
Clay	634	343	---	---	343	101	2	---	23	16	---	141	8	204	19	96
Clinton	9707	19	---	49	68	1938	---	2111	5194	---	---	396	---	2474	984	1201
Cole	2669	235	---	6	241	569	28	436	923	372	---	42	58	626	244	382
Cooper	9339	11	---	---	11	3224	52	3066	1226	1056	100	506	98	1890	1442	1994
Crawford	205	12	---	---	12	24	24	48	97	---	---	---	---	43	35	16
Dade	5004	308	---	3	311	1567	---	1353	1551	222	---	---	---	927	667	942
Dallas	2203	28	---	---	28	382	75	381	1336	---	---	---	1	524	214	235
Daviess	3371	2	---	---	2	817	26	862	1230	248	---	177	9	805	440	492
DeKalb	9783	---	---	---	---	1166	51	1403	3048	75	---	604	3436	1831	687	713
Dent	1522	12	---	5	17	532	24	439	486	---	---	---	24	251	215	320
Douglas	147	---	---	---	---	25	---	50	72	---	---	---	---	33	22	15
Dunklin	12745	107	925	72	1104	4045	614	1307	1070	2211	1498	13	883	2405	949	2715
Franklin	8385	274	666	---	940	3026	363	1769	1006	905	---	309	67	1429	1050	1958
Gasconade	2120	25	2	---	27	550	---	604	246	693	---	---	---	513	281	339
Gentry	7235	10	---	8	18	1472	---	2000	1738	---	1089	910	8	1940	988	908
Greene	7780	2222	532	68	2822	1124	191	972	1864	183	---	---	624	1327	724	872
Grundy	4704	43	3	3	49	1167	---	1713	603	656	105	411	---	1134	859	716
Harrison	5619	3	---	---	3	1629	---	1674	972	222	---	1116	3	1540	871	991
Henry	8710	38	256	---	294	2029	---	2549	2768	1018	---	---	52	1865	1201	1241
Hickory	1936	75	249	---	324	512	---	343	757	---	---	---	---	336	160	327
Holt	10852	---	---	217	217	1795	---	2255	2108	7	2289	2181	---	3462	1190	1106
Howard	1	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---
Howell	4550	26	---	---	26	1072	24	1190	2087	---	---	---	151	956	561	648
Iron	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jackson	5282	3779	18	131	3928	36	8	2	---	1066	---	---	242	1432	200	392
Jasper	8257	180	1200	---	1380	2288	---	1961	869	984	662	61	52	1445	1158	1746
Jefferson	361	206	---	---	206	26	32	27	55	6	---	---	9	65	35	35
Johnson	1847	7	---	99	106	685	---	646	27	26	267	83	7	275	324	423
Knox	4863	25	73	74	172	1994	---	1130	417	---	100	1046	4	1220	570	1237
Laclede	5245	20	---	---	20	711	221	1190	3103	---	---	---	---	1269	650	428
Lafayette	17733	45	---	25	70	2671	---	3119	561	2336	5618	2795	563	5845	1605	1636
Lawrence	4289	---	---	---	---	1884	77	753	1445	129	---	---	1	685	381	1103
Lewis	8218	---	475	---	475	2903	413	1954	718	646	---	1095	14	1931	1121	1772
Lincoln	8760	223	20	---	243	3212	424	1901	456	1460	366	667	31	1873	1121	1985

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JANUARY 1 THRU JUNE 30, 2003

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	7993	70	126	19	215	2895	256	1867	1440	741	76	439	64	1511	1075	1780	
Livingston	6730	115	---	---	103	218	1248	178	824	1972	687	940	659	4	1975	502	766
McDonald	539	3	60	464	527	12	---	---	---	---	---	---	---	6	3	6	
Macon	8251	92	640	7	739	1999	---	2065	807	2181	106	260	94	1903	1152	1445	
Madison	2018	115	---	---	115	526	---	855	99	418	---	---	5	382	395	317	
Maries	36	---	---	17	17	---	---	---	---	---	19	---	---	6	2	---	
Marion	14695	75	---	826	901	3939	101	2583	1196	797	3277	1832	69	3803	1550	2398	
Mercer	20730	222	492	---	714	782	79	570	907	---	1	87	17590	550	458	660	
Miller	4284	188	22	---	210	1076	---	1095	637	1257	---	---	9	1008	510	677	
Mississippi	49694	65	120	1549	1734	7678	660	4591	712	4606	24947	1154	3612	12596	2850	4474	
Moniteau	4269	63	---	---	111	174	784	---	1381	306	720	410	474	20	1217	662	509
Monroe	12353	149	234	37	420	3299	426	2901	3186	408	72	1617	24	3146	1645	2066	
Montgomery	15432	91	151	208	450	3074	99	3072	730	3172	2511	1966	358	4735	1630	1922	
Morgan	10042	96	1	535	632	2002	108	2072	3000	1657	260	---	311	2387	1045	1265	
New Madrid	62715	35	2389	1043	3467	9077	74	5936	6497	12764	20430	715	3755	17450	3093	6075	
Newton	6474	101	240	25	366	1919	39	962	2995	175	---	---	18	1283	473	1149	
Nodaway	15244	52	472	410	934	2070	---	2325	3070	749	4187	1795	114	4501	1372	1398	
Oregon	9183	32	---	---	32	2357	49	2710	4035	---	---	---	---	1856	1271	1416	
Osage	12432	127	---	151	278	2559	131	2222	4613	1567	651	269	142	3150	1113	1616	
Ozark	6039	13	---	---	13	1715	---	1682	2603	---	---	---	26	1190	773	1003	
Pemiscot	22427	3	352	203	558	3333	153	842	900	3886	11666	14	1075	6231	535	2083	
Perry	14673	347	---	30	377	3110	206	2447	3250	1392	2449	1331	111	4115	1242	1860	
Pettis	14380	266	48	116	430	3501	---	3154	3584	1529	124	1474	584	3840	1578	2193	
Phelps	9416	6670	1	---	6671	743	46	921	865	---	---	---	170	1293	707	649	
Pike	17510	58	1517	494	2069	2602	30	2280	2255	1030	4588	1345	1311	4559	1521	1895	
Platte	6095	330	3	15	348	681	---	826	69	3685	---	471	15	2307	395	430	
Polk	12815	152	74	---	226	3932	---	3944	3823	610	27	---	253	2366	1832	2357	
Pulaski	8651	129	---	---	129	2078	---	2864	3306	253	---	---	21	1753	1318	1250	
Putnam	7338	18	101	52	171	1866	73	1506	1516	911	1230	---	65	1618	752	1180	
Ralls	10153	---	90	3363	3453	1751	206	1084	343	1027	1424	865	---	2119	1210	1797	
Randolph	9094	1290	---	2011	3301	1272	---	950	1585	221	1629	---	136	1576	810	1276	
Ray	16252	68	---	289	357	2898	4	3169	2362	1180	2404	3596	282	5560	1679	1771	
Reynolds	371	---	---	1	1	---	---	---	---	---	---	---	370	1	---	---	
Ripley	5620	---	351	184	535	1144	229	1430	722	1242	25	---	293	1189	861	783	
St. Charles	18218	2799	4407	410	7616	951	69	601	496	375	7129	758	223	4060	667	837	
St. Clair	6593	56	51	---	107	1932	---	1962	1683	887	---	---	22	1339	908	1141	
St. Francois	2618	185	48	6	239	800	25	785	---	737	---	---	32	500	386	493	
Ste. Genevieve	5381	75	---	108	183	692	108	865	587	1241	1150	554	1	1766	488	420	
St. Louis	20099	13400	1968	1552	16920	276	65	4	60	1809	18	110	837	3307	1042	1135	
Saline	17765	78	45	847	970	2268	110	2228	270	2174	1803	7290	652	8066	1416	1433	
Schuyler	2120	11	30	64	105	601	---	536	---	518	91	267	2	587	257	376	
Scotland	6135	66	296	1484	1846	732	145	410	692	159	1376	688	87	1517	496	875	
Scott	26776	601	951	611	2163	3313	562	1522	711	1284	15580	774	867	7028	1252	2224	
Shannon	1370	---	---	---	---	351	---	150	869	---	---	---	---	322	69	210	
Shelby	15373	11	1602	1485	3098	3264	189	2988	2455	1126	1556	513	184	3142	1932	2605	
Stoddard	45659	66	627	347	1040	8531	1278	5802	646	15738	7964	1684	2976	13109	3373	5315	
Stone	1680	9	2	---	11	712	---	488	469	---	---	---	---	246	225	442	
Sullivan	4896	11	91	---	102	1396	53	1366	870	236	843	30	---	947	678	867	
Taney	529	484	---	---	484	---	---	---	---	---	---	---	45	23	8	8	
Texas	30090	52	---	8	60	8524	246	8341	12000	96	251	263	309	5881	3981	5120	
Vernon	18177	70	---	125	195	4118	97	3880	3596	3672	719	1797	103	5318	1836	2481	
Warren	5422	747	5	11	763	1294	181	1462	50	1478	39	123	32	1183	790	829	
Washington	2914	56	48	---	104	886	---	1159	---	763	---	---	2	565	538	536	
Wayne	2334	11	---	---	11	720	74	848	592	---	---	39	50	394	424	432	
Webster	8960	291	504	4	799	2387	263	1221	4073	50	---	---	167	1687	705	1430	
Worth	1617	---	---	---	---	331	---	26	780	129	230	118	3	491	11	205	
Wright	14204	157	---	1	158	4477	1	3351	6189	---	---	---	28	2715	1557	2743	

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JULY 1 THRU DECEMBER 31, 2003

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	6679	17	5	37	59	2056	94	1722	1192	1125	5	422	4	1489	965	1263
Livingston	3929	9	---	---	9	1247	100	1216	518	392	97	81	269	727	605	763
McDonald	3	3	---	---	3	---	---	---	---	---	---	---	---	---	---	---
Macon	7586	37	205	---	242	2355	---	1581	315	1528	---	524	1041	1517	821	1502
Madison	635	---	---	---	---	149	---	274	---	198	14	---	---	144	125	89
Maries	24	---	---	6	6	---	---	---	---	---	16	---	2	4	---	---
Marion	9540	5	649	48	702	3648	27	2810	662	234	477	965	15	1749	1385	2203
Mercer	39719	2	192	38687	38881	92	---	78	616	---	50	---	2	439	739	215
Miller	817	33	1	---	34	227	---	150	126	280	---	---	---	200	70	145
Mississippi	18655	---	80	79	159	7180	1434	3249	62	1913	3293	178	1187	2837	2187	4229
Moniteau	3241	8	---	---	8	879	53	726	402	1079	26	62	6	824	359	545
Monroe	6894	---	171	---	171	2202	120	1897	784	22	15	1667	16	1974	983	1378
Montgomery	7358	5	25	---	30	2361	254	1814	131	1203	810	624	131	1653	1022	1460
Morgan	3740	14	---	---	14	1001	24	870	970	836	---	---	25	870	419	622
New Madrid	18795	19	464	45	528	6106	94	3882	1476	4489	997	---	1223	3769	1853	3766
Newton	4718	39	---	---	39	726	---	757	2018	181	---	110	887	1006	349	438
Nodaway	18895	15	199	43	257	2998	---	2593	3644	1025	4698	3606	74	6341	1387	1864
Oregon	1901	---	---	---	---	448	13	524	916	---	---	---	---	404	247	269
Osage	4743	52	---	50	102	848	79	786	2081	730	51	61	5	1255	407	536
Ozark	1926	10	---	---	10	323	---	470	1111	---	---	---	12	461	216	194
Pemiscot	4202	---	7	23	30	1477	110	75	390	1958	31	---	131	1071	88	888
Perry	5963	64	5	21	90	2068	176	1360	1065	730	154	319	1	1259	719	1218
Pettis	6309	61	---	15	76	1820	---	1907	1587	385	22	418	94	1370	938	1130
Phelps	2478	1400	---	3	1403	300	---	301	403	25	---	---	46	290	185	251
Pike	19805	9	2819	29	2857	9424	51	3832	729	833	885	1090	104	3047	2124	6142
Platte	6370	116	1	28	145	971	---	1086	2736	549	---	834	49	2086	516	610
Polk	5349	23	45	2	70	1621	---	1153	2350	77	---	---	78	1066	539	985
Pulaski	3827	---	---	---	---	1032	---	956	1633	206	---	---	---	819	439	619
Putnam	2219	---	25	---	25	620	25	669	265	514	101	---	---	485	321	382
Ralls	6935	25	106	2176	2307	1619	103	1108	76	246	1062	414	---	1162	965	1435
Randolph	3885	308	---	900	1208	668	---	637	938	25	254	142	13	716	431	647
Ray	9260	32	---	287	319	2160	---	2593	869	774	523	1770	252	2658	1417	1373
Reynolds	92	---	---	---	---	---	---	---	---	---	---	---	92	---	---	---
Ripley	834	---	34	44	78	74	---	249	224	154	---	---	55	197	126	58
St. Charles	9104	1356	855	1	2212	1434	31	1313	57	623	2653	685	96	2093	844	1072
St. Clair	4593	1	---	---	1	919	---	856	2403	412	---	---	2	1160	393	555
St. Francois	1761	103	23	---	126	529	48	502	---	556	---	---	---	357	262	326
Ste. Genevieve	4562	83	---	---	83	1796	129	877	445	640	213	379	---	992	474	1091
St. Louis	14715	7981	926	274	9181	3655	46	8	---	85	28	733	979	2120	742	3066
Saline	14627	87	53	---	140	3847	519	3948	93	972	130	4584	394	4885	2195	2407
Schuyler	310	9	---	---	9	98	---	55	---	106	35	7	---	76	26	62
Scotland	5660	86	---	494	580	1822	680	922	429	313	480	341	93	918	799	1257
Scott	9693	90	182	37	309	3866	366	2059	628	542	877	175	871	1395	1198	2395
Shannon	2017	---	---	---	---	628	75	429	885	---	---	---	---	378	231	376
Shelby	9128	67	1554	93	1714	3053	---	2406	805	422	194	516	18	1585	1393	2242
Stoddard	29762	14	273	---	287	9173	1726	6457	319	10053	504	40	1203	6322	3777	5573
Stone	1988	9	---	---	9	412	---	329	1184	---	54	---	---	479	152	248
Sullivan	1820	1	---	---	1	656	80	475	208	398	---	---	2	339	255	393
Taney	62	62	---	---	62	---	---	---	---	---	---	---	---	8	4	4
Texas	10331	---	---	---	---	1831	123	1986	5364	100	---	557	370	2679	1000	1096
Vernon	11662	1	---	---	1	3413	---	3727	2339	1331	285	563	3	2624	1714	2048
Warren	3233	---	---	3	3	435	250	831	325	1285	---	103	1	929	506	268
Washington	237	10	---	---	10	75	---	76	---	51	---	---	25	38	36	46
Wayne	1231	---	---	---	---	395	---	571	219	---	---	21	25	198	262	236
Webster	3784	7	306	1	314	798	140	873	1653	---	---	---	6	722	469	457
Worth	2756	---	---	---	---	495	---	716	962	153	100	330	---	812	345	299
Wright	5375	22	---	---	22	1231	64	891	3165	---	---	---	2	1238	442	741

** Credits exceeded shipments.

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

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