

UNIVERSITY OF MISSOURI-COLUMBIA
Agricultural Experiment Station

MISSOURI FERTILIZER TONNAGE REPORT, 2009

FERTILIZER MATERIALS

<u>NITROGEN MATERIALS</u>	<u>SPRING</u>	<u>FALL</u>
Ammonium Sulfate	27,713*	12,750*
Amm. Thiosulfate	5,856*	777*
N. Solutions (26-32%)	105,546*	58,550*
Ammonium Nitrate	91,996*	22,113*
Urea	175,036*	45,292*
Anhydrous Ammonia	125,964	44,885
Other	125,922	7,707
TOTAL	<u>658,033</u>	<u>192,074</u>
 <u>PHOSPHATIC MATERIALS</u>		
Conc. Superphosphate	3,850*	1,119*
Phosphoric Acid	257*	288*
Rock Phosphate	340	52
Other	178	169
TOTAL	<u>4,625</u>	<u>1,628</u>
 <u>POTASH MATERIALS</u>		
Muriate of Potash	107,044*	78,916*
Other	1,834	752
TOTAL	<u>108,878</u>	<u>79,668</u>
 <u>MISC. MATERIALS</u>		
Organics	13,390	4,946
Other	8,085	104,390
TOTAL	<u>21,475</u>	<u>109,336</u>
 <u>TOTAL MATERIALS</u>	<u>793,011</u>	<u>382,706</u>

DRY MIXED FERTILIZERS

<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>
>1-1-1	37,368	1,882	0-18-36	67	---
6-24-24	213	118	3-4-2	627	---
10-10-10	142	34	4-3-2	239	99
12-12-12	1,088	102	5-1-0	---	---
13-13-13	1,638	825	6-15.3-27.3	458	49
17-02-03	532	303	6.5-.55-.45	1,428	68
20-10-10	318	96	9-23-30	611	264
22-2-14	-10	207	12-40-0	1,193	1,315
25-0-5	597	881	17-15-25	231	---
28-2-3	718	---	17-17-17	558	22
30-0-4	990	45	21-00-24	221	---
32-0-4	258	24	24-00-16	330	---
32-3-8	133	236	28.85-13.8-0	321	---
Misc.	29,453	6,962	Misc.	6,012	13,012
TOTAL	<u>73,438</u>	<u>11,715</u>	TOTAL	<u>12,296</u>	<u>14,829</u>
 AMMONIUM PHOSPHATES					
<u>BAGGED FERTILIZER</u>			<u>BULK FERTILIZER</u>		
	<u>SPRING</u>	<u>FALL</u>	<u>SPRING</u>	<u>FALL</u>	
11-52-0	5	23	38,735*	52,417*	
18-46-0	54	---	102,109*	90,103*	
TOTAL	<u>59</u>	<u>23</u>	<u>140,844</u>	<u>142,520</u>	
<u>TOTAL MIXED FERTILIZER</u>			<u>SPRING</u>	<u>FALL</u>	
<u>TOTAL ALL FERTILIZERS</u>			245,693	174,383	
 <u>GRAND TOTAL</u>			<u>1,038,704</u>	<u>557,089</u>	

LIQUID MIXED FERTILIZERS

<u>GRADES</u>	<u>SPRING</u>	<u>FALL</u>
2-6-32	1,045	---
3-9-27	782	41
3-10-30	1,101	419
3-18-18	3,320	601
4-10-10	176	---
5-0-20	2	14
5-1-0	4,523	---
5-15-15	50	108
6-24-6	276	248
8-24-0	644	---
9-18-9	69	57
10-15-10	---	---
10-20-10	294	60
10-30-0	1,488	451
10-34-0	2,613	2,070
10.6-36-0	615	291
11-33-0	483	3
11-37-0	517	671
15-0-12	109	---
Misc.	949	262
TOTAL	<u>19,056</u>	<u>5,296</u>

PRINCIPAL BLENDING MATERIALS
(Approximate Tons Used in Blends)

	<u>SPRING</u>	<u>FALL</u>
Ammonium Nitrate	73,597	17,690
Urea	140,029	36,234
Amm Phosphates	112,674	114,016
Conc. Phosphates	3,080	895
Muriate of Potash	85,635	63,133

* 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 OF PLANT FOODS				MIXED FERTILIZERS		FERTILIZER MATERIALS			ROCK PHOSPHATE
	TOTAL TONS FERTILIZER	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	1,764,772	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	---
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
2008	1,534,668	374,515	98,701	159,764	305,159*	13.5-31.2-2.8	333,343	3,495	151,270	591
2009	1,595,793	402,912	150,713	123,658	533,172*	10.7-27.8-1.8	345,637	2,572	113,842	392

* 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, 2009

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	1024	79	---	---	79	224	---	180	378	129	---	---	34	225	87	140
Andrew	4831	16	---	---	21	753	---	1322	1283	656	---	794	2	1591	642	452
Atchison	16903	28	144	892	1064	1770	---	2873	684	176	3003	5667	1666	6541	1723	1004
Audrain	10926	78	155	58	291	2151	---	3286	153	2717	224	1863	241	3484	1666	1331
Barry	3165	57	---	---	70	128	---	150	2246	465	---	20	86	1036	70	81
Barton	40111	13	---	148	161	2788	---	2535	875	2397	980	39	30336	2351	1192	1581
Bates	10082	42	---	---	44	1581	---	2751	1234	1385	204	2872	11	3949	1291	952
Benton	3239	21	---	---	73	358	---	877	314	816	296	394	90	1062	439	231
Bollinger	2388	7	---	---	6	368	50	677	798	456	---	---	26	610	335	221
Boone	4371	968	9	---	2	979	---	646	604	10	419	1025	94	1387	346	401
Buchanan	10491	441	242	---	---	683	---	1547	674	863	868	3003	2490	3672	883	273
Butler	22166	331	980	---	1	1312	---	6031	2019	1921	---	---	1591	4887	2113	3763
Caldwell	5771	26	---	---	---	26	---	631	---	1082	1120	1670	245	992	5	2211
Callaway	6603	119	3	---	46	168	---	636	---	1268	1397	811	551	1594	178	2566
Camden	209	126	---	---	---	126	---	58	---	7	---	---	6	10	3	37
Cape Girardeau	15954	917	576	---	55	1548	---	2688	249	2455	2221	2061	1923	896	1913	3792
Carroll	14823	14	37	---	34	85	---	655	---	1957	117	2751	1026	8095	137	8624
Carter	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cass	14261	556	204	---	6	766	---	1128	3	2457	1947	2155	2490	3200	115	5502
Cedar	1432	2	---	---	118	120	---	227	---	334	416	311	---	24	346	160
Chariton	17769	22	1523	---	1039	2584	---	948	---	4047	797	1803	2075	5077	438	6715
Christian	2860	719	117	---	21	857	---	367	---	272	54	516	335	238	221	669
Clark	9829	72	465	---	261	798	---	1167	---	1497	---	772	4145	1344	106	3088
Clay	4374	1034	---	---	3217	4251	---	36	---	---	---	10	---	2	75	299
Clinton	4361	96	35	---	---	131	---	95	---	284	1557	413	1	1865	15	2318
Cole	4682	521	---	---	---	521	---	488	4	1094	455	1230	78	687	125	1562
Cooper	15262	20	306	---	27	353	---	1658	---	3035	1893	2227	2252	3798	46	6059
Crawford	735	18	---	---	---	18	---	151	---	292	---	273	---	---	1	177
Dade	5372	207	---	---	3	210	---	528	---	216	2730	993	17	---	678	1580
Dallas	328	11	---	---	3	14	---	1	23	184	104	---	---	2	69	95
Daviess	2302	37	36	---	---	73	---	130	---	158	105	235	255	1169	177	1247
DeKalb	4101	10	---	---	2	12	---	163	1	460	337	224	3	1041	1860	1169
Dent	1012	62	---	---	---	62	---	50	26	177	691	---	---	6	271	99
Douglas	573	18	---	---	---	18	---	---	---	26	471	---	---	---	58	177
Dunklin	61796	79	549	---	90	718	---	7140	694	4925	-69	30693	7742	61	9893	19491
Franklin	11452	684	50	---	22	756	---	1637	79	2424	1419	3529	---	1426	182	3795
Gasconade	4466	68	5	---	---	73	---	735	51	1154	231	1858	32	41	291	1264
Gentry	13094	147	52	---	27	226	---	569	160	898	1736	2	3701	5584	218	6518
Greene	5338	3244	2	---	---	3246	---	401	58	80	36	3	---	622	693	161
Grundy	6111	31	78	---	---	109	---	637	---	1008	2320	505	175	1333	24	2338
Harrison	9262	30	---	---	42	72	---	1132	---	1490	1565	714	747	3440	102	4126
Henry	5747	47	---	---	12	59	---	569	---	1533	2460	1061	27	---	38	1597
Hickory	849	127	154	---	1	282	---	52	---	77	438	---	---	---	---	165
Holt	11322	120	---	---	742	862	---	842	---	2234	234	588	1806	4360	396	4833
Howard	3457	24	---	---	---	24	---	323	---	987	---	358	222	1425	118	1528
Howell	7948	165	33	---	---	198	---	509	76	915	4290	3	---	---	1957	2106
Iron	31	17	---	---	---	17	---	---	---	---	---	---	---	14	4	---
Jackson	7996	6271	18	---	---	6289	---	302	2	366	2	434	127	82	392	1222
Jasper	9669	592	1154	---	15	1761	---	1113	---	1682	1362	2274	1086	101	290	2473
Jefferson	1769	1133	---	---	---	1133	---	87	9	133	---	134	25	---	248	212
Johnson	4875	147	---	---	809	956	---	154	---	287	499	1207	782	925	65	1809
Knox	5360	---	26	---	38	64	---	930	---	1445	1248	32	130	1472	39	1898
Laclede	1617	135	---	---	---	135	---	149	127	359	803	25	---	---	19	350
Lafayette	23253	76	1	---	760	837	---	3714	---	5057	169	2314	4254	6056	852	8454
Lawrence	6405	34	---	---	---	34	---	293	---	307	4771	440	55	---	506	1989
Lewis	2427	12	23	---	---	35	---	1562	---	2348	551	1530	**	3121	2	1650
Lincoln	8410	373	31	---	---	404	---	1832	49	1917	151	2534	350	1011	162	2562

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JULY 1 THRU DECEMBER 31, 2009

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	1111	2	38	---	40	447	---	319	26	264	---	---	15	174	173	290
Andrew	1228	17	---	---	17	343	---	539	26	78	---	224	1	302	271	207
Atchiso	14164	2	1168	740	1910	1909	---	3590	395	111	2318	3390	541	4294	2426	1390
Audrain	11101	2	979	74	1055	3554	---	4096	---	248	553	1487	108	2152	2443	2348
Barry	1001	1	136	---	137	75	---	203	552	---	1	21	12	249	94	45
Barton	36183	---	427	31373	31800	1052	---	1929	644	595	77	19	67	888	917	597
Bates	5793	---	---	21	21	1329	---	2830	156	603	50	785	19	1489	1319	799
Benton	859	---	---	---	---	277	---	327	78	---	50	101	26	189	150	172
Bollinger	785	---	---	18	18	205	---	279	49	48	---	---	186	140	131	125
Boone	4298	34	133	---	167	1264	---	1522	179	6	50	783	327	983	835	843
Buchanan	4601	99	242	2	343	518	---	1104	203	153	919	1015	346	1408	585	326
Butler	5019	22	925	---	947	367	118	415	40	3037	26	---	69	1557	257	224
Caldwell	2266	3	25	---	28	345	---	827	421	328	---	142	175	563	418	208
Callaway	6098	---	3253	3	3256	588	---	1090	624	16	101	385	38	907	560	365
Camden	17	---	---	---	---	1	---	---	---	1	---	---	15	1	---	---
Cape Girardeau	7604	73	1304	26	1403	1261	74	1185	125	282	82	159	3033	757	635	796
Carroll	8384	---	385	59	444	1418	---	2281	317	1344	1367	1049	164	2332	1203	884
Carter	452	---	452	---	452	---	---	---	---	---	---	---	---	22	4	---
Cass	8903	56	493	181	730	1747	---	2403	438	507	1421	1084	573	2164	1257	1065
Cedar	939	---	---	88	88	104	---	487	183	77	---	---	---	185	224	62
Chariton	12298	9	1133	---	1142	2343	---	4374	276	666	1140	2001	356	3077	2580	1662
Christian	297	65	---	---	65	---	---	---	---	1	---	4	227	22	13	8
Clark	3593	---	---	20	20	1362	---	1537	---	80	98	430	66	666	754	843
Clay	1559	21	1197	---	1218	5	---	---	---	14	---	---	322	128	23	21
Clinton	4015	24	646	---	670	105	---	1988	280	4	---	321	647	862	950	67
Cole	1778	56	---	---	56	356	---	533	267	444	25	40	57	443	256	231
Cooper	5657	8	---	8	16	1242	---	2632	590	338	36	681	122	1361	1266	766
Crawford	99	---	---	---	---	26	---	49	---	24	---	---	---	20	22	15
Dade	3909	8	---	1	9	719	---	1201	997	180	26	---	777	805	555	423
Dallas	1449	---	---	2	2	319	---	716	154	256	---	---	2	292	335	192
Daviess	1429	1	6	2	9	56	---	718	309	1	---	259	77	440	362	37
DeKalb	2093	---	---	---	---	53	---	1022	621	---	---	397	---	699	490	32
Dent	771	---	---	---	---	125	---	419	226	---	---	---	1	152	192	74
Douglas	281	---	---	---	---	---	---	78	178	---	---	---	---	81	35	---
Dunklin	210	---	88	344	432	1519	219	743	69	**	4157	---	**	**	565	928
Franklin	2485	112	125	4	241	286	82	833	48	599	---	230	166	679	500	198
Gasconade	698	12	---	---	12	116	14	252	132	94	---	---	78	155	124	72
Gentry	5444	2	---	---	2	836	---	1026	888	---	1689	807	196	1652	507	501
Greene	3097	231	---	1	232	74	31	439	433	44	---	---	1844	525	321	175
Grundy	2775	---	---	1	1	520	---	904	840	26	125	359	---	768	434	318
Harrison	3014	---	---	---	---	361	---	985	282	116	102	1116	52	1242	491	216
Henry	2316	10	---	---	10	549	---	1471	156	---	26	---	104	331	692	330
Hickory	405	---	51	1	52	26	---	176	---	151	---	---	---	101	81	16
Holt	7074	---	50	226	276	701	---	2600	---	105	1985	1041	366	1855	1435	422
Howard	4933	6	---	---	6	1052	---	1957	---	26	777	1004	111	1330	1036	647
Howell	1726	14	---	1	15	180	25	214	534	---	---	---	758	423	112	109
Iron	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jackson	2759	146	1	25	172	186	1	206	---	189	1	8	1996	534	162	220
Jasper	3672	---	229	5	234	740	---	1017	385	575	478	21	222	795	529	505
Jefferson	440	6	1	---	7	26	---	49	23	41	---	---	294	95	31	42
Johnson	2052	25	---	72	97	102	24	681	446	27	361	279	35	624	358	78
Knox	2551	---	---	---	---	1155	---	800	25	---	336	229	6	421	390	692
Laclede	1093	---	---	---	---	178	23	325	247	310	---	---	10	284	160	96
Lafayette	20442	11	600	73	684	3167	305	5214	273	789	5013	4477	520	6527	3229	1934
Lawrence	1691	---	---	---	---	222	---	605	849	---	---	---	15	399	278	133
Lewis	11436	1	---	---	1	1407	---	1200	---	---	8097	726	5	3371	584	861
Lincoln	2493	26	11	---	37	565	86	902	---	330	---	467	106	719	466	351

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JANUARY 1 THRU JUNE 30, 2009

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	3371	84	26	---	110	694	---	469	506	199	105	1280	8	1417	238	426
Livingston	6306	149	25	50	224	1212	---	1549	306	667	1631	304	413	1567	766	755
McDonald	35968	27232	5	7999	35236	13	---	3	123	150	302	---	141	378	18	58
Macon	20284	42	**	2	37	82	---	605	---	251	295	834	18180	1036	307	50
Madison	971	29	---	---	29	103	---	360	---	477	---	---	2	283	166	61
Maries	17	11	---	6	17	---	---	---	---	---	---	---	---	1	2	1
Marion	9746	96	40	1687	1823	1731	---	1527	1027	1408	586	1557	87	2820	1159	1208
Mercer	1983	163	24	---	187	547	---	522	518	---	---	193	16	442	254	350
Miller	2171	120	---	---	120	151	---	406	301	1191	---	---	2	730	188	95
Mississippi	52692	81	621	332	1034	4592	50	2954	11	10095	27787	1185	4984	15813	1719	2749
Moniteau	2845	20	138	63	221	104	---	888	251	384	175	780	42	1130	426	78
Monroe	6888	8	**	20	**	1178	---	2176	1135	630	105	1788	19	2545	968	667
Montgomery	10398	108	---	174	282	1668	27	2669	248	2866	505	1757	376	3526	1366	1046
Morgan	4442	122	6	6	134	141	102	572	1378	1231	358	---	526	1362	302	93
New Madrid	20367	2	1648	36	1686	2566	125	1505	16	8478	3760	---	2231	6170	945	1841
Newton	53617	110	8	---	118	928	---	613	1184	1666	898	528	47682	2151	289	516
Nodaway	19449	305	75	128	508	2035	---	3483	2224	1788	1961	7358	92	8695	1875	1287
Oregon	4989	9	---	---	9	315	---	923	2594	---	151	---	997	1338	424	189
Osage	8208	40	4	49	93	1316	---	1200	1374	3512	222	455	36	2753	561	824
Ozark	2825	8	---	---	8	187	---	430	2025	---	---	---	175	803	197	112
Pemiscot	9243	19	26	275	320	736	---	406	---	4640	2101	18	1022	3032	289	452
Perry	7258	269	---	36	305	1139	50	1286	147	2351	855	1085	40	2569	633	675
Pettis	11889	187	185	84	456	1887	---	2644	2148	1449	510	2721	74	4297	1318	1186
Phelps	8743	7027	---	---	7027	85	25	200	561	---	---	1	844	853	174	199
Pike	9402	60	**	78	**	1126	---	1073	1023	1718	881	449	3324	2368	442	627
Platte	3145	400	---	10	410	7	---	326	549	29	16	1787	21	1773	156	15
Polk	3238	27	23	---	50	478	---	993	1304	152	---	---	261	737	457	287
Pulaski	1907	200	---	---	200	227	---	352	467	176	---	---	485	437	164	141
Putnam	4392	3	---	25	28	1021	---	1089	1283	309	637	---	25	979	509	618
Ralls	5784	6	22	1607	1635	758	---	788	782	370	991	430	30	1313	675	799
Randolph	6422	1697	---	642	2339	**	---	664	923	369	1087	---	2078	1248	624	-509
Ray	8198	21	---	17	38	1179	---	701	1031	981	471	3657	140	4038	367	730
Reynolds	9	9	---	---	9	---	---	---	---	---	---	---	---	---	---	---
Ripley	3226	145	131	288	564	547	19	613	124	396	---	---	963	417	383	429
St. Charles	16625	2612	263	1972	4847	329	72	519	---	832	8367	1392	267	4731	650	293
St. Clair	1401	5	---	12	17	352	---	192	102	731	---	---	7	402	91	208
St. Francois	785	257	---	---	257	25	---	175	---	313	---	---	15	190	88	24
Ste. Genevieve	8834	69	---	52	121	1352	168	1588	25	2335	1010	2233	2	3538	830	823
St. Louis	13340	10273	64	107	10444	201	3	11	---	1471	88	283	839	2235	245	560
Saline	19899	262	245	278	785	2883	---	5289	95	1427	256	8520	644	8507	2811	1819
Schuyler	921	10	110	---	120	168	25	253	---	248	3	104	---	251	122	102
Scotland	7903	6	1496	1528	3030	789	---	806	---	359	916	1860	143	2295	669	860
Scott	34649	212	257	340	809	3665	88	3253	179	4467	6933	1017	14238	6006	1632	2212
Shannon	524	---	520	---	520	---	---	---	---	---	---	---	4	88	88	88
Shelby	13489	---	**	15	13	3688	---	4552	2628	1055	274	1165	114	3177	2165	2236
Stoddard	50952	321	317	503	1141	7819	32	9211	374	21920	2866	1265	6324	15201	4401	4831
Stone	866	---	---	---	---	151	---	76	639	---	---	---	---	227	34	90
Sullivan	1906	---	112	---	112	312	---	285	518	84	595	---	---	461	159	220
Taney	314	268	1	---	269	---	---	---	---	---	---	---	45	14	2	3
Texas	7366	68	72	---	140	768	91	1049	3614	---	26	76	1602	1791	499	436
Vernon	12852	16	25	123	164	2698	---	3516	789	2207	445	2773	260	4373	1644	1641
Warren	6409	25	---	---	25	1020	42	1588	---	1787	---	---	1947	1111	754	633
Washington	1597	17	25	---	42	194	---	699	---	655	---	---	7	427	322	117
Wayne	2239	47	---	---	47	399	25	600	912	---	---	40	216	496	291	242
Webster	3907	341	---	3	344	462	---	164	2110	---	25	---	802	1044	92	301
Worth	2587	5	---	---	5	---	---	153	993	287	200	948	1	1328	84	---
Wright	3981	33	---	---	33	290	---	679	2735	25	25	---	194	1105	314	176

** Credits exceeded shipments.

APPROXIMATE TONNAGE BY COUNTIES OF FERTILIZERS SHIPPED FOR USE IN MISSOURI, JULY 1 THRU DECEMBER 31, 2009

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	3144	4	25	---	29	586	---	1031	44	173	160	1117	4	1208	516	361
Livingston	3655	9	---	---	9	686	---	2189	120	91	433	101	26	635	1067	422
McDonald	158	---	3	---	3	---	---	---	---	28	127	---	---	54	---	---
Macon	19140	16	1599	14519	16134	992	---	801	---	103	100	815	195	1166	703	980
Madison	129	---	---	---	---	54	---	25	---	50	---	---	---	27	11	32
Maries	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Marion	11983	1	31	188	220	2991	---	3244	52	331	3133	1697	315	3107	1689	1779
Mercer	447	---	---	---	---	155	---	258	---	---	---	---	34	30	138	98
Miller	243	---	---	---	---	25	---	128	---	76	---	---	14	60	59	16
Mississippi	9176	2	158	414	574	1819	215	2108	---	2096	1436	228	700	2165	1256	1028
Moniteau	1120	9	---	25	34	336	---	582	---	100	---	60	8	202	273	214
Monroe	7866	4	3058	30	3092	1004	---	1618	24	250	14	1369	495	2183	1379	1318
Montgomery	4484	16	3	74	93	805	27	1775	102	465	660	458	99	1099	927	505
Morgan	2517	19	---	2	21	287	30	1054	275	496	188	---	166	605	500	180
New Madrid	20735	1	245	19	265	2657	50	6534	**	6311	942	---	4020	5138	3056	1635
Newton	41792	---	---	39094	39094	319	---	602	1263	77	297	30	110	713	285	200
Nodaway	8703	26	26	12	64	1124	---	2673	681	79	1513	2324	245	2972	1411	686
Oregon	1083	---	---	---	---	128	---	228	376	---	---	---	351	256	104	75
Osage	717	25	---	25	50	125	---	182	124	231	---	---	5	185	89	84
Ozark	446	38	---	---	38	38	---	63	188	6	---	---	113	113	34	28
Pemiscot	11141	2	25	354	381	543	---	577	603	6050	2031	---	956	3982	427	306
Perry	2486	58	---	6	64	845	---	1170	---	31	53	156	167	409	548	518
Pettis	4738	14	213	---	227	1552	---	1800	538	283	38	184	116	788	985	964
Phelps	977	---	---	---	---	153	---	151	251	---	---	1	421	164	74	113
Pike	17822	3	2628	114	2745	**	---	5704	69	2205	5043	3054	490	6524	3385	**
Platte	903	8	---	---	8	4	---	507	---	1	54	50	279	175	264	10
Polk	1051	---	73	---	73	108	---	442	314	108	---	---	6	239	205	65
Pulaski	654	---	---	---	---	72	---	150	26	8	---	---	398	144	69	44
Putnam	479	---	---	---	---	164	---	209	80	---	25	---	1	72	96	98
Ralls	4397	---	79	672	751	969	---	1379	6	279	313	604	96	1021	829	719
Randolph	2858	3	10	392	405	601	---	1082	86	4	343	100	237	461	632	384
Ray	3746	16	294	---	310	1106	---	1593	28	288	76	337	8	673	932	683
Reynolds	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ripley	1055	---	4	114	118	88	43	13	---	580	---	---	213	281	45	71
St. Charles	8213	33	1659	301	1993	1241	---	844	---	141	2334	473	1187	1629	1039	858
St. Clair	1551	---	---	---	---	76	---	1087	---	386	---	1	1	374	499	45
St. Francois	548	11	25	---	36	49	---	395	---	52	---	---	16	98	184	32
Ste. Genevieve	4065	58	322	75	455	1049	26	1062	---	600	306	463	104	1022	678	628
St. Louis	14258	230	183	9	422	2026	1	7126	---	1031	4	---	3648	2352	3416	1478
Saline	13879	6	208	65	279	4241	---	4360	---	344	1	4076	578	4049	2359	2619
Schuyler	114	1	---	---	1	26	---	79	---	---	8	---	---	15	38	15
Scotland	2764	---	68	3	71	1308	---	895	---	53	---	363	74	450	453	807
Scott	31605	---	**	9104	9088	4259	54	4373	2	5594	5910	125	2200	5819	2035	2560
Shannon	223	---	---	---	---	---	---	148	75	---	---	---	---	51	67	---
Shelby	9891	---	2142	25	2167	2458	---	3049	411	725	354	536	191	1843	1906	1941
Stoddard	15582	11	274	141	426	3611	---	4927	32	4469	570	160	1387	3597	2377	2211
Stone	28	---	---	---	---	25	---	---	---	---	---	---	3	---	---	15
Sullivan	434	---	---	---	---	159	---	133	---	132	---	---	10	85	61	100
Taney	63	---	---	4	4	---	---	---	---	---	---	---	59	3	1	1
Texas	7274	---	---	---	---	508	159	2071	1075	---	---	---	3461	1438	957	305
Vernon	6422	---	---	86	86	1549	---	2879	287	702	572	301	46	1360	1339	940
Warren	4753	---	---	---	---	395	20	2015	---	1645	---	41	637	1160	938	242
Washington	104	---	---	---	---	56	---	48	---	---	---	---	---	8	21	33
Wayne	413	9	---	---	9	51	---	150	150	---	---	---	53	92	70	31
Webster	484	---	---	---	---	46	---	88	157	---	26	---	167	109	47	49
Worth	831	---	---	---	---	102	---	207	210	---	---	120	192	233	112	61
Wright	909	25	---	---	25	100	---	254	527	---	---	---	4	226	120	62

** 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

Change Service Requested

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