

**Missouri  
Agricultural Liming  
Materials Report**

**July 1 to December 31, 2000**

**Agricultural Experiment Station**

**University of Missouri-Columbia**

AGRICULTURAL LIMING MATERIALS REPORT

JULY 1 THROUGH DECEMBER 31, 2000

This bulletin is a detailed report of official samples obtained under the Missouri Agricultural Liming Materials Law collected from July 1 through December 31, 2000. There were 835 official samples collected in this period. All samples are analyzed to determine fineness of grind, calcium carbonate equivalent (CCE), and magnesium content (Mg). Effective neutralizing material (ENM) and effective magnesium (EMg) are calculated from this information, as prescribed by Rule, for each dry sample which meets the minimum specifications of at least 90% passing a U.S. No. 8 sieve and minimum 65% CCE. Products not meeting minimum specifications cannot be sold as agricultural liming materials. Twenty-four deficient samples are reported, which resulted in five "stop sale" order's issued against a producer stockpiles for excessive coarseness. Corrective actions taken by producers have resulted in the release of three issued "stop sale" orders from the previous period.

Table 1 lists registered producers and samples obtained at production sites. Table 2 lists samples obtained from retail distributor stockpiles, by producer.

MISSOURI AGRICULTURAL LIMING MATERIALS TONNAGE  
REPORTED SINCE AUGUST 13, 1976

YEAR	SPRING	FALL	TOTAL
1976	-----	2,514,500	-----
1977	1,590,700	1,166,600	2,757,300
1978	1,116,100	2,546,250	3,662,350
1979	975,300	3,068,900	4,044,200
1980	1,431,000	2,266,900	3,697,900
1981	1,336,750	1,228,350	2,565,100
1982	825,100	1,029,000	1,854,100
1983	872,700	1,154,700	2,027,400
1984	595,725	899,459	1,495,185
1985	611,050	783,575	1,394,625
1986	967,375	646,115	1,613,490
1987	1,104,358	1,558,171	2,662,529
1988	1,036,917	1,605,444	2,642,361
1989	939,831	1,586,398	2,526,229
1990	504,100	1,204,551	1,708,651
1991	646,864	835,603	1,482,467
1992	859,648	771,536	1,631,184
1993	397,607	686,345	1,083,952
1994	681,464	967,450	1,648,914
1995	720,140	1,207,663	1,927,803
1996	704,151	886,627	1,590,778
1997	779,876	1,063,760	1,843,636
1998	626,186	1,048,308	1,674,494
1999	606,847	1,557,259	2,164,106
2000	886,861	996,112	1,882,973

\* PRELIMINARY ESTIMATE

TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
76 QUARRY, MANSFIELD, MO										
Stockpile #1										
Lab #1040	08-14-00	0.5	41.3	8.6	49.6	87.3	10.0	65.1	455	130
Lab #1288	09-26-00	0.1	41.8	8.7	49.4	85.6	10.2	65.1	446	133
Lab #1574	11-14-00	0.1	45.1	9.2	45.6	84.4	9.7	62.4	421	121
ALBY QUARRY, CARLINVILLE, IL										
ALLEN QUARRIES INC, LOCKWOOD, MO										
Stockpile #1										
Lab #1120	08-30-00	1.9	49.6	13.2	35.3	92.8	1.1	55.6	413	12
Lab #1391	10-18-00	1.6	50.3	12.5	35.6	89.8	0.3	55.7	400	3
AMPEL, INC.-HARVEY IOWA PLANT, DES MOINES, IA										
AMPEL, INC.-WEEPING WATER NE PLANT, DES MOINES, IA										
Stockpile #1										
Lab #1006	08-09-00	0.1	0.7	2.0	97.2	91.7	0.2	98.6	723	4
Stockpile #2										
Lab #1007	08-09-00	0.1	1.5	2.4	96.0	91.9	0.3	97.8	719	6
APAC-MISSOURI, INC., COLUMBIA, MO										
Stockpile #2										
Lab #0929	08-07-00	0.3	26.3	17.3	56.1	94.8	0.2	73.1	554	3
Lab #1192	09-15-00	0.3	27.4	18.1	54.2	93.7	0.1	71.9	539	1
Lab #1322	10-05-00	0.0	32.4	16.9	50.7	94.4	0.2	68.9	521	3
Lab #1538	11-13-00	0.2	30.0	17.9	51.9	93.9	0.2	70.1	527	3
APAC-MISSOURI, INC. - LINN CREEK, LINN CREEK, MO										
Stockpile #2										
Lab #0888	08-02-00	1.2	40.5	14.6	43.7	99.5	12.1	62.6	498	151
Lab #1179	09-07-00	0.9	40.4	16.1	42.6	97.9	11.3	62.4	488	141
Lab #1482	10-31-00	0.8	40.3	15.2	43.7	98.4	11.9	62.9	495	150
APAC-MISSOURI, INC. - COLUMBIA, COLUMBIA, MO										
Stockpile #2										
Lab #1038	08-14-00	2.5	38.7	7.8	51.0	89.1	10.3	65.4	466	135
Lab #1286	09-26-00	1.2	43.8	8.4	46.6	88.0	10.6	62.6	441	133
Lab #1572	11-14-00	1.0	42.5	8.5	48.0	87.7	10.9	63.7	447	139
APAC MO INC CENTRAL COMPANIES DYL, OSAGE BEACH, MO										
Stockpile #1										
Lab #1217	09-14-00	13.1*	35.5	7.8	43.6	89.4	11.0	57.2	0	0
Lab #1351	10-10-00	12.0*	37.4	7.3	43.3	84.8	10.2	57.0	0	0
Lab #1571	11-16-00	13.0*	36.5	7.3	43.2	85.7	10.7	56.7	0	0
APAC MISSOURI CENTRAL COMPANIES, OSAGE BEACH, MO										
Stockpile #1										
Lab #0886	08-02-00	1.9	45.0	13.3	39.8	90.7	11.3	59.0	428	133
Lab #1180	09-07-00	2.3	43.7	13.9	40.1	93.8	10.7	59.4	445	127
Lab #1483	10-31-00	2.2	42.6	14.3	40.9	88.0	10.4	60.1	423	125
Stockpile #2										
Lab #0887	08-02-00	0.6	39.2	18.8	41.4	100.4	12.3	62.5	502	154
Lab #1181	09-07-00	1.6	43.3	15.9	39.2	94.1	11.1	59.6	448	132
Lab #1484	10-31-00	0.8	38.5	17.6	43.1	94.7	11.1	63.3	479	140
APAC-MISSOURI INC. - ROARK CREEK, COLUMBIA, MO										
Stockpile #1										
Lab #1039	08-14-00	0.9	40.4	10.5	48.2	93.1	10.7	64.6	481	138
Lab #1287	09-26-00	1.2	42.9	9.6	46.3	91.0	10.8	62.8	457	136
Lab #1573	11-14-00	0.4	43.1	9.4	47.1	86.1	10.3	63.5	437	131
ARKANSAS LIME COMPANY, INC., BATESVILLE, AR										
ASC MINERALS PROCESSING, ALLERTON, IL										
ASH GROVE AGGREGATES INC-APPLETON, BUTLER, MO										
Stockpile #1										
Lab #1113	08-30-00	5.4	55.8	9.5	29.3	81.0	1.2	49.0	317	12
Lab #1215	09-13-00	7.2	54.7	9.9	28.2	84.3	1.2	47.8	322	11
Lab #1419	10-17-00	7.1	57.3	8.8	26.8	86.8	1.1	46.4	322	10
Lab #1601	11-29-00	5.5	55.3	8.1	31.1	79.8	1.0	49.8	318	10

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
ASH GROVE AGGREGATES INC-BUTLER, BUTLER, MO										
Stockpile #1										
Lab #1025	08-16-00	9.3	53.2	8.8	28.7	87.0	0.8	47.3	329	8
Lab #1213	09-13-00	9.2	47.6	9.7	33.5	85.3	0.7	51.2	350	7
Lab #1417	10-17-00	6.9	56.4	8.7	28.0	102.5	12.6	47.3	388	119
Lab #1602	11-29-00	7.5	54.2	8.5	29.8	85.8	0.8	48.5	333	8
Stockpile #2										
Lab #1026	08-16-00	9.3	53.9	8.4	28.4	88.3	1.0	46.9	331	9
Lab #1214	09-13-00	7.2	53.6	9.5	29.7	86.3	1.0	48.8	337	10
Lab #1418	10-17-00	7.7	54.2	9.7	28.4	87.5	0.9	47.8	334	9
Stockpile #3										
Lab #1603	11-29-00	7.6	52.8	8.7	30.9	75.8	0.8	49.3	299	8
ASH GROVE AGGREGATES INC-RICHHILL, BUTLER, MO										
Stockpile #3										
Lab #0992	08-09-00	6.6	55.9	8.7	28.8	84.7	0.6	48.0	325	6
Lab #1275	09-25-00	7.9	55.7	8.2	28.2	94.6	0.7	47.0	356	7
Lab #1353	10-12-00	10.9*	49.1	7.6	32.4	81.0	0.7	49.2	0	0
Lab #1664	12-04-00	9.1	52.3	7.7	30.9	81.3	0.6	48.6	316	6
ASH GROVE AGGREGATES INC-LACYGNE, BUTLER, MO										
Stockpile #1										
Lab #1021	08-16-00	6.4	44.1	8.7	40.8	86.0	1.3	57.0	392	15
Lab #1248	09-19-00	10.9*	42.4	8.5	38.2	83.7	1.3	53.9	0	0
Lab #1416	10-17-00	7.9	42.1	9.2	40.8	84.7	1.3	56.8	385	15
Lab #1566	11-13-00	3.3	43.8	9.8	43.1	84.1	1.3	59.9	403	16
ASH GROVE AGGREGATES INC-MARSHFIELD, BUTLER, MO										
Stockpile #3										
Lab #1291	09-27-00	2.2	47.5	12.5	37.8	97.6	11.8	57.2	446	135
Lab #1453	10-25-00	7.2	46.7	10.2	35.9	96.7	11.3	53.7	415	121
ASH GROVE AGGREGATES INC-MONTEVALLO, BUTLER, MO										
Stockpile #1										
Lab #1115	08-31-00	7.9	45.4	10.7	36.0	89.2	0.9	53.8	384	10
Lab #1279	09-27-00	6.8	45.6	10.2	37.4	90.0	1.5	54.9	395	16
Lab #1443	10-25-00	5.0	43.7	10.7	40.6	88.0	1.1	57.9	408	13
Lab #1600	11-27-00	5.7	43.5	10.7	40.1	87.2	1.3	57.4	400	15
Lab #1688	12-12-00	5.8	46.4	10.1	37.7	81.4	0.9	55.4	361	10
Stockpile #2										
Lab #1689	12-12-00	10.0	41.0	9.6	39.4	78.1	0.9	55.4	346	10
ASH GROVE AGGREGATES INC-OSCEOLA, BUTLER, MO										
Stockpile #1										
Lab #0889	08-04-00	3.3	47.0	10.0	39.7	89.9	0.4	57.5	413	5
Lab #1116	09-01-00	4.5	48.1	11.2	36.2	92.4	0.6	54.9	406	7
Lab #1448	10-27-00	2.8	43.8	13.1	40.3	93.9	0.5	59.1	444	6
Lab #1524	11-10-00	3.9	48.1	11.6	36.4	95.0	0.9	55.4	421	10
ASH GROVE AGGREGATES INC-FT SCOTT, BUTLER, MO										
Stockpile #1										
Lab #1111	08-29-00	5.6	53.7	10.1	30.6	87.6	0.4	50.1	351	4
Lab #1249	09-20-00	6.3	50.0	8.4	35.3	76.7	0.3	52.8	324	3
Lab #1412	10-17-00	7.3	52.2	10.6	29.9	93.1	0.5	49.3	367	5
Lab #1598	11-27-00	6.1	48.5	9.7	35.7	83.0	0.4	53.6	356	4
ASH GROVE AGGREGATES INC.-STOCKTON, BUTLER, MO										
Stockpile #1										
Lab #1521	11-08-00	6.3	48.4	10.5	34.8	94.3	0.1	53.2	401	1
Lab #1604	11-30-00	9.0	47.4	10.1	33.5	92.9	0.1	51.4	382	1
Lab #1687	12-12-00	4.2	45.3	12.1	38.4	92.8	0.2	57.0	423	2
ASH GROVE AGGREGATES INC-WHEATLAND, BUTLER, MO										
Stockpile #2										
Lab #0994	08-10-00	4.8	45.9	10.0	39.3	95.6	0.2	56.8	434	2
Lab #1244	09-18-00	4.9	45.7	10.5	38.9	92.5	0.1	56.6	419	1
Lab #1420	10-18-00	4.4	47.3	10.5	37.8	92.8	0.2	55.9	415	2
Lab #1522	11-10-00	6.5	47.6	9.9	36.0	96.4	0.3	53.8	415	3
ASH GROVE AGGREGATES INC-FT SCOTT E, BUTLER, MO										

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
ASH GROVE AGGREGATES INC-BOLIVAR, BUTLER, MO										
Stockpile #1										
Lab #0987	08-08-00	0.0	31.4	13.0	55.6	91.7	0.4	71.3	523	6
Lab #1212	09-12-00	0.0	32.6	14.6	52.8	91.3	0.5	69.7	509	7
Lab #1477	10-30-00	0.0	30.8	13.7	55.5	91.3	0.5	71.4	522	7
Lab #1609	11-30-00	0.1	36.7	14.7	48.5	85.4	0.2	66.5	454	3
Stockpile #2										
Lab #0988	08-08-00	7.8	49.0	8.9	34.3	92.5	0.2	51.9	384	2
Lab #1211	09-12-00	7.2	50.3	9.3	33.2	82.4	0.1	51.4	339	1
Lab #1478	10-30-00	8.7	50.4	8.8	32.1	94.5	0.2	50.0	378	2
Lab #1610	11-30-00	6.7	52.6	11.3	29.4	92.2	0.3	49.3	364	3
Stockpile #3										
Lab #0989	08-08-00	4.2	47.9	9.8	38.1	95.2	1.3	56.0	426	15
Lab #1210	09-12-00	5.1	49.1	9.2	36.6	91.9	0.8	54.4	400	9
Lab #1479	10-30-00	4.6	48.5	10.3	36.6	93.1	0.5	54.9	409	5
Lab #1611	11-30-00	4.3	48.2	9.5	38.0	90.4	0.8	55.8	403	9
ASH GROVE AGGREGATES INC-BUFFALO, BUTLER, MO										
Stockpile #1										
Lab #1081	08-21-00	3.1	40.7	10.6	45.6	91.5	11.3	62.1	455	140
Lab #1207	09-12-00	2.6	41.7	11.1	44.6	90.4	11.2	61.7	446	138
Lab #1340	10-04-00	4.5	41.6	10.5	43.4	91.0	11.2	60.1	438	135
Lab #1570	11-14-00	4.7	41.1	9.9	44.3	91.9	11.6	60.5	445	140
ASHGROVE CEMENT COMPANY, SPRINGFIELD, MO										
Stockpile #1										
Lab #1590	11-21-00	7.1	15.9	12.2	64.8	107.6	0.2	76.1	655	3
Stockpile #2										
Lab #1591	11-21-00	0.2	9.4	9.2	81.2	105.3	0.2	89.1	750	4
AUXVASSE STONE & GRAVEL CO, AUXVASSE, MO										
Stockpile #1										
Lab #0927	08-07-00	4.8	55.3	8.5	31.4	89.5	0.3	50.3	360	3
Lab #1191	09-15-00	3.7	33.4	16.4	46.5	56.3*	1.8	64.7	0	0
Lab #1320	10-05-00	5.4	44.7	10.3	39.6	90.0	1.8	57.0	410	21
Lab #1408	10-23-00	6.4	40.6	11.5	41.5	90.3	1.5	58.6	423	18
Lab #1536	11-13-00	4.5	42.0	11.8	41.7	90.5	1.4	59.3	429	17
BAILEY QUARRIES INC-CHESAPEAKE Q., MT VERNON, MO										
Stockpile #4										
Lab #1123	08-31-00	1.7	38.0	11.2	49.1	90.8	10.7	65.3	474	140
Lab #1489	10-31-00	4.8	43.3	5.1	46.8	91.8	10.9	60.7	446	132
BAILEY QUARRIES INC-JANE, JANE, MO										
Stockpile #2										
Lab #1042	08-15-00	4.2	46.3	8.9	40.6	97.8	12.0	57.5	450	138
Lab #1221	09-14-00	4.5	43.9	8.5	43.1	93.4	11.1	59.2	442	131
Lab #1487	10-30-00	2.4	39.8	8.6	49.2	90.5	10.9	64.3	466	140
Lab #1674	12-05-00	6.5	41.5	8.0	44.0	93.0	10.2	59.2	440	121
BAILEY QUARRIES, INC.-MADRY QUARRY, VERONA, MO										
Stockpile #1										
Lab #1235	09-18-00	3.8	43.3	5.7	47.2	91.1	10.6	61.4	448	130
Lab #1492	10-31-00	5.4	42.8	5.9	45.9	91.2	10.4	60.1	439	125
Stockpile #3										
Lab #1236	09-18-00	8.9	53.5	7.9	29.7	88.7	0.8	47.8	339	8
Lab #1493	10-31-00	11.0*	53.7	8.3	27.0	90.2	0.8	45.4	0	0
BAILEY QUARRIES INC.-SPENCER, MILLER, MO										
BAILEY QUARRIES INC-STOCKTON, STOCKTON, MO										
Stockpile #2										
Lab #0991	08-08-00	6.0	47.3	12.4	34.3	97.9	0.1	53.6	420	1
Lab #1252	09-22-00	5.2	49.3	12.3	33.2	96.0	0.1	52.9	406	1
Lab #1481	10-30-00	5.6	48.2	12.6	33.6	95.4	0.2	53.2	406	2
Lab #1605	11-30-00	6.1	49.4	11.9	32.6	93.9	0.1	52.1	391	1
BARBER & SONS AGGREGATES, LEE'S SUMMIT, MO										
Stockpile #1										
Lab #0971	08-10-00	8.5	52.7	8.2	30.6	86.2	1.3	48.7	336	13

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
BARBER & SONS AGGREGATES, LEE'S SUMMIT, MO (CONTINUED)										
Stockpile #1										
Lab #1126	09-06-00	9.6	53.0	7.9	29.5	85.3	1.3	47.5	324	12
Lab #1297	09-29-00	8.9	52.9	7.3	30.9	84.9	1.2	48.5	329	12
Lab #1394	10-18-00	8.5	50.7	7.6	33.2	85.2	1.4	50.4	344	14
Lab #1596	11-21-00	7.9	52.2	7.9	32.0	83.8	1.4	49.8	334	14
BASE ROCK MINERALS, STE GENEVIEVE, MO										
Stockpile #1										
Lab #0960	08-09-00	13.5*	43.3	11.3	31.9	101.2	11.4	49.5	0	0
Stockpile #2										
Lab #0961	08-09-00	15.9*	44.5	7.9	31.7	100.8	11.3	47.6	0	0
Stockpile #3										
Lab #0962	08-09-00	32.1*	42.5	5.5	19.9	96.4	10.3	33.8	0	0
BENTLEY TRUCKING, INC., CLARENCE, MO										
Stockpile #4										
Lab #1564	11-16-00	1.3	40.8	10.1	47.8	70.5	1.4	64.1	361	18
Lab #1636	11-27-00	0.1	44.4	11.7	43.8	72.9	1.4	61.9	361	17
BEYER CRUSHED ROCK COMPANY, CLEVELAND, MO										
BLEVINS ASPHALT CO, MT VERNON, MO										
Stockpile #1										
Lab #1072	08-21-00	0.1	0.1	0.1	99.7	84.7	0.3	99.8	676	6
Lab #1328	10-03-00	0.1	0.0	4.5	95.4	80.3	0.3	98.1	630	6
Lab #1512	11-07-00	0.1	0.0	0.1	99.8	78.8	0.4	99.9	630	8
BLUFF CITY MINERALS CO., ALTON, IL										
Stockpile #1										
Lab #1407	10-16-00	0.0	2.5	3.7	93.8	90.5	3.0	96.6	700	58
Lab #1686	12-14-00	0.0	5.3	3.4	91.3	89.5	3.5	94.7	678	66
BOONE QUARRIES INC, COLUMBIA, MO										
Stockpile #1										
Lab #0931	08-07-00	0.3	29.0	11.2	59.5	98.3	2.4	73.5	578	35
Lab #1194	09-15-00	0.2	33.6	13.8	52.4	96.5	1.6	69.1	533	22
Lab #1324	10-05-00	0.1	29.9	12.9	57.1	98.0	2.7	72.3	567	39
Lab #1540	11-13-00	0.1	29.6	11.1	59.2	94.3	3.3	73.3	553	48
BUSSEN QUARRIES INC-EUREKA/ANTIRE, EUREKA, MO										
Stockpile #1										
Lab #0948	08-10-00	1.1	39.9	13.3	45.7	96.9	2.4	63.7	493	31
CALCIUM PRODUCTS, INC., GILMORE CITY, IA										
CAPITAL QUARRIES INC-HOLTS SUMMIT 1, JEFFERSON CITY, MO										
CAPITAL QUARRIES, INC-STADIUM WEST, JEFFERSON CITY, MO										
Stockpile #2										
Lab #1049	08-14-00	1.7	42.5	9.9	45.9	91.3	11.1	62.5	456	139
CAPITAL QUARRIES INC-ROLLA Q #4, JEFFERSON CITY, MO										
CAPITAL QUARRIES CO. INC-HWY Y, JEFFERSON CITY, MO										
Stockpile #1										
Lab #1273	09-22-00	1.1	43.9	10.3	44.7	93.7	11.6	61.9	464	144
Lab #1337	10-05-00	1.1	42.6	9.9	46.4	91.0	11.2	63.0	459	141
Lab #1581	11-21-00	1.0	40.3	10.4	48.3	92.6	11.5	64.6	479	149
CAPITAL QUARRIES INC-CALIFORNIA Q#5, JEFFERSON CITY, MO										
Stockpile #1										
Lab #0868	08-01-00	2.4	50.6	10.3	36.7	93.0	3.2	55.5	413	36
Lab #1125	09-05-00	3.9	48.2	8.8	39.1	84.7	5.0	56.4	382	56
Lab #1298	09-25-00	4.0	47.6	7.4	41.0	85.2	6.7	57.3	391	77
CAPITAL QUARRIES CO., INC-LINN, JEFFERSON CITY, MO										
CAPITAL QUARRIES INC-HWY 63 N Q #10, JEFFERSON CITY, MO										
CAPITAL QUARRIES INC-SULLIVAN, JEFFERSON CITY, MO										
Stockpile #3										
Lab #0951	08-11-00	5.0	30.6	18.7	45.7	103.7	12.1	64.6	536	156
CARROLL COUNTY STONE, INC., BERRYVILLE, AR										
Stockpile #1										
Lab #1002	08-08-00	0.4	33.1	10.9	55.6	91.1	10.7	70.4	513	151
Lab #1223	09-15-00	0.8	44.0	9.1	46.1	84.1	9.9	62.6	421	124

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
CARROLL COUNTY STONE, INC., BERRYVILLE, AR (CONTINUED)										
Stockpile #1										
Lab #1330	10-06-00	0.9	43.6	9.4	46.1	88.0	10.5	62.6	441	132
Lab #1510	11-06-00	0.9	39.9	8.5	50.7	87.6	10.3	65.8	461	135
Lab #1648	12-01-00	2.0	46.0	8.2	43.8	84.7	10.7	60.2	408	129
CARTHAGE CRUSHED LIMESTONE, CARTHAGE, MO										
Stockpile #1										
Lab #1071	08-21-00	0.8	2.1	1.5	95.6	96.6	0.2	97.0	750	4
Lab #1329	10-03-00	0.1	1.5	1.8	96.6	96.1	0.2	98.1	754	4
Lab #1513	11-07-00	0.1	6.8	1.5	91.6	96.0	0.2	94.2	723	4
CENTRAL STONE COMPANY - HUNTINGTON, HANNIBAL, MO										
Stockpile #1										
Lab #0916	08-01-00	4.3	29.6	9.9	56.2	94.1	0.4	69.5	523	6
Lab #1146	09-06-00	6.4	33.5	10.4	49.7	91.9	0.4	64.3	473	5
Lab #1405	10-11-00	4.2	29.9	10.5	55.4	94.8	0.4	69.2	525	6
Lab #1532	11-10-00	2.1	27.0	11.5	59.4	93.5	0.5	73.1	546	7
Stockpile #2										
Lab #0915	08-01-00	0.1	30.4	13.9	55.6	94.6	0.7	71.5	541	10
Lab #1145	09-06-00	0.1	25.1	15.4	59.4	87.3	1.0	74.9	523	15
Lab #1404	10-11-00	0.2	24.3	14.2	61.3	93.4	0.7	75.9	567	11
Lab #1533	11-10-00	0.2	25.6	15.4	58.8	94.3	0.9	74.4	562	13
CENTRAL STONE COMPANY - BETHEL, BETHEL, MO										
Stockpile #1										
Lab #1044	08-17-00	4.6	46.3	8.5	40.6	94.4	1.1	57.3	433	13
Lab #1189	09-14-00	5.4	47.0	10.5	37.1	94.1	1.3	55.2	415	14
Lab #1361	10-10-00	5.3	44.7	4.1	45.9	80.3	1.1	59.5	382	13
Lab #1649	11-27-00	6.7	45.0	9.3	39.0	90.8	0.8	55.8	406	9
CENTRAL STONE CO - FORT BELLE, FLORISSANT, MO										
Stockpile #1										
Lab #1282	09-27-00	0.5	2.5	3.5	93.5	86.2	2.0	96.2	664	38
Lab #1384	10-18-00	0.0	0.0	3.2	96.8	85.8	2.5	98.7	678	49
Lab #1386	10-19-00	0.5	3.4	3.4	92.7	87.9	2.3	95.6	672	44
Lab #1530	11-09-00	2.6	14.3	4.0	79.1	88.8	2.3	85.1	604	39
Stockpile #2										
Lab #1283	09-27-00	0.0	0.2	0.1	99.7	80.2	3.0	99.8	640	60
Lab #1385	10-18-00	0.4	0.2	0.0	99.4	84.6	4.3	99.5	673	86
Lab #1387	10-19-00	0.3	0.9	0.1	98.7	81.3	3.6	99.0	644	71
Lab #1531	11-09-00	0.2	0.1	0.2	99.5	84.1	3.6	99.6	670	72
CENTRAL STONE COMPANY - GREENSBURG, HANNIBAL, MO										
CENTRAL STONE COMPANY - PARIS, PARIS, MO										
Stockpile #1										
Lab #0912	07-31-00	7.3	46.0	11.3	35.4	90.5	0.4	53.7	389	4
Lab #1137	09-01-00	7.0	45.9	12.0	35.1	89.5	0.3	53.8	385	3
Lab #1359	10-10-00	3.0	45.3	13.1	38.6	88.0	0.8	57.8	407	9
Lab #1468	11-01-00	11.5*	43.5	11.3	33.7	88.7	0.8	51.4	0	0
CENTRAL STONE COMPANY - NEW LONDON, NEW LONDON, MO										
CENTRAL STONE COMPANY - CURRYVILLE, CURRYVILLE, MO										
Stockpile #1										
Lab #0919	08-03-00	3.3	41.9	11.5	43.3	91.6	1.0	60.7	445	12
Lab #1138	09-05-00	2.4	45.2	12.0	40.4	91.1	1.0	58.9	429	12
Lab #1313	10-04-00	1.7	42.2	13.1	43.0	92.4	0.9	61.4	454	11
Lab #1541	11-03-00	2.8	44.0	12.1	41.1	90.5	1.1	59.4	430	13
Stockpile #2										
Lab #0920	08-03-00	4.3	42.9	9.9	42.9	91.6	1.2	59.6	436	14
Lab #1139	09-05-00	6.0	45.2	9.6	39.2	90.6	1.4	56.3	408	16
Lab #1314	10-04-00	4.9	46.4	8.5	40.2	82.4	2.1	56.9	375	24
Lab #1542	11-03-00	4.0	44.4	7.8	43.8	86.1	1.4	59.6	410	17
CENTRAL STONE COMPANY - PERRY, HANNIBAL, MO										
Stockpile #1										
Lab #0914	08-01-00	5.6	42.7	9.2	42.5	87.9	1.7	58.7	413	20
Lab #1144	09-06-00	4.8	41.9	9.4	43.9	86.2	1.8	60.0	414	22

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
CENTRAL STONE COMPANY - EWING, EWING, MO										
Stockpile #1										
Lab #1043	08-16-00	9.2	34.4	8.5	47.9	82.7	1.4	61.6	408	17
Lab #1312	10-02-00	5.4	31.0	8.7	54.9	84.2	0.2	67.9	457	3
CENTRAL STONE COMPANY - TAYLOR, TAYLOR, MO										
Stockpile #1										
Lab #0917	08-01-00	9.0	48.0	10.9	32.1	90.9	0.4	50.6	368	4
Lab #1147	09-06-00	8.4	46.2	11.4	34.0	89.2	0.5	52.4	374	5
Lab #1406	10-11-00	8.7	46.2	10.4	34.7	89.1	0.5	52.5	374	5
Lab #1534	11-10-00	7.4	47.9	10.2	34.5	91.7	0.8	52.6	386	8
CLEVER STONE CO, CLEVER, MO										
Stockpile #1										
Lab #0874	07-31-00	0.1	46.7	15.5	37.7	96.3	0.1	58.7	452	1
Lab #1219	09-11-00	0.1	46.0	15.8	38.1	96.6	0.1	59.1	457	1
Lab #1452	10-24-00	0.2	45.8	15.5	38.5	96.5	0.2	59.3	457	2
Lab #1645	11-28-00	0.4	47.2	14.8	37.6	93.5	0.2	58.3	436	2
COLONIAL LIMESTONE INC-PRINCETON, MILAN, MO										
Stockpile #1										
Lab #1027	08-14-00	1.9	50.4	10.4	37.3	87.7	1.1	56.1	394	12
Lab #1388	10-16-00	3.5	51.3	8.9	36.3	86.3	1.3	54.5	376	14
Lab #1520	11-03-00	2.9	53.3	9.2	34.6	86.5	1.3	53.4	370	14
Lab #1663	12-04-00	3.8	51.5	8.9	35.8	84.6	1.1	54.0	366	12
CONCO QUARRIES INC Q US 160, WILLARD, MO										
Stockpile #1										
Lab #0875	08-01-00	0.0	11.7	13.9	74.4	98.5	0.2	85.7	675	3
Lab #1169	09-06-00	0.2	13.7	16.4	69.7	94.5	0.3	83.0	627	5
Lab #1365	10-09-00	0.0	10.1	12.2	77.7	97.3	0.1	87.5	681	2
Lab #1587	11-21-00	0.0	7.0	11.3	81.7	94.5	0.2	90.2	682	4
Stockpile #4										
Lab #0876	08-01-00	0.1	13.5	14.6	71.8	98.4	0.1	83.9	661	2
Lab #1170	09-06-00	0.1	5.1	9.4	85.4	95.9	0.1	92.3	708	2
Lab #1366	10-09-00	0.1	9.2	13.0	77.7	97.4	0.2	87.8	684	4
Lab #1588	11-21-00	0.1	8.8	11.6	79.5	97.1	0.2	88.7	689	4
COUNTY LINE QUARRY, WELLSVILLE, MO										
Stockpile #1										
Lab #0918	08-02-00	1.0	44.4	9.5	45.1	95.3	4.3	61.9	472	53
Lab #1270	09-20-00	2.5	46.8	9.7	41.0	92.0	4.9	58.5	431	57
Lab #1435	10-25-00	2.5	47.1	8.7	41.7	93.6	3.8	58.7	440	45
Lab #1597	11-21-00	1.9	42.7	9.5	45.9	92.5	3.6	62.3	461	45
CRAWFORD LIME & MATERIAL CO, CUBA, MO										
Stockpile #1										
Lab #0956	08-08-00	2.5	43.2	8.6	45.7	88.5	10.7	61.7	437	132
CRIDER BROTHERS LIME CO, EMINENCE, MO										
Stockpile #2										
Lab #0998	08-08-00	5.7	48.5	12.6	33.2	91.6	10.6	52.9	388	112
Lab #1107	08-21-00	3.8	45.3	13.2	37.7	89.5	10.8	56.9	408	123
Lab #1310	09-27-00	5.6	43.0	13.0	38.4	90.6	11.2	57.0	413	128
Lab #1550	11-15-00	5.1	42.2	12.3	40.4	89.0	9.5	58.3	415	111
CRIDER BROS LIME CO. INC.-VAN BUREN, EMINENCE, MO										
Stockpile #1										
Lab #0997	08-08-00	9.0	39.2	15.8	36.0	75.0	9.1	55.3	332	101
Lab #1106	08-21-00	8.3	39.0	16.4	36.3	70.0	8.5	55.9	313	95
Lab #1309	09-27-00	6.6	31.2	23.1	39.1	98.2	12.4	60.8	477	151
Lab #1549	11-15-00	6.2	38.5	17.2	38.1	74.4	8.2	58.0	345	95
Lab #1694	12-12-00	7.6	32.2	20.1	40.1	97.4	11.7	60.2	469	141
DOSS & HARPER STONE CO., HOUSTON, MO										
Stockpile #1										
Lab #1074	08-23-00	0.2	43.2	14.7	41.9	91.9	11.3	61.5	452	139
Lab #1239	09-19-00	3.0	44.8	12.1	40.1	90.4	10.4	58.6	424	122
Lab #1577	11-15-00	2.5	45.3	12.8	39.4	88.5	10.0	58.4	414	117

\* Does not meet minimum specification for Agricultural Liming Material.



TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
DOSS & HARPER STONE CO., HOUSTON, MO (CONTINUED)										
Stockpile #2										
Lab #1075	08-23-00	7.1	41.0	12.9	39.0	89.4	11.0	57.0	408	125
Lab #1240	09-19-00	5.8	39.9	13.5	40.8	94.1	10.8	58.9	443	127
Lab #1578	11-15-00	2.4	42.7	15.1	39.8	90.2	10.3	59.5	430	123
DOSS & HARPER STONE CO, WEST PLAINS, MO										
Stockpile #1										
Lab #1035	08-17-00	0.3	39.3	7.9	52.5	86.3	9.9	67.1	463	133
Lab #1241	09-19-00	1.0	43.5	7.1	48.4	76.6	10.1	63.5	389	128
Lab #1671	12-04-00	0.2	37.6	8.2	54.0	85.5	12.1	68.3	467	165
Stockpile #2										
Lab #1036	08-17-00	0.0	4.0	8.4	87.6	90.7	10.6	93.6	679	199
Lab #1242	09-19-00	0.0	1.3	4.1	94.6	74.1	10.1	97.4	577	197
Lab #1672	12-04-00	0.0	1.8	6.0	92.2	81.0	9.4	96.3	624	181
EVERETT QUARRIES #1-LATHROP, PLATTSBURG, MO										
Stockpile #2										
Lab #1062	08-14-00	4.6	53.1	9.6	32.7	88.3	1.0	51.7	365	10
Lab #1255	09-18-00	4.8	51.5	9.2	34.5	83.6	1.1	52.9	354	12
EVERETT QUARRIES #6-KING, PLATTSBURG, MO										
Stockpile #1										
Lab #1033	08-17-00	6.1	50.0	8.6	35.3	90.0	1.3	53.0	381	14
Lab #1565	11-16-00	8.1	48.4	7.9	35.6	87.9	1.3	52.4	369	14
Lab #1637	11-27-00	7.7	47.9	8.8	35.6	86.5	1.7	52.9	366	18
EVERETT QUARRIES #53-CAMERON, PLATTSBURG, MO										
EVERETT QUARRIES #54-GOWER, PLATTSBURG, MO										
Stockpile #3										
Lab #1063	08-15-00	7.8	48.1	9.1	35.0	82.6	1.1	52.5	347	12
Lab #1254	09-18-00	6.5	49.3	7.4	36.8	81.0	1.1	53.6	347	12
EVERETT QUARRIES #57, PLATTSBURG, MO										
Stockpile #1										
Lab #1011	08-10-00	0.1	57.8	8.4	33.7	75.0	2.5	53.2	319	27
Lab #1256	09-18-00	8.2	53.3	7.1	31.4	71.1	2.5	49.0	279	24
EVERETT QUARRIES #59-STANBERRY, PLATTSBURG, MO										
Stockpile #1										
Lab #1064	08-16-00	6.6	48.8	9.0	35.6	81.2	1.7	53.2	346	18
Lab #1260	09-21-00	6.6	48.5	9.7	35.2	78.4	1.8	53.1	333	19
FALL VALLEY STONE, INC., MT VERNON, MO										
Stockpile #1										
Lab #1122	08-31-00	0.1	38.3	11.4	50.2	96.3	11.7	66.6	513	156
Lab #1490	10-31-00	0.2	32.4	11.4	56.0	98.2	11.8	70.9	557	167
Stockpile #2										
Lab #1491	10-31-00	0.1	39.2	11.2	49.5	99.7	11.9	66.0	527	157
FISHER QUARRY, HUGHESVILLE, MO										
Stockpile #2										
Lab #0871	08-02-00	6.3	46.7	10.4	36.6	98.6	1.3	54.5	430	14
Lab #1103	08-28-00	5.6	47.8	10.9	35.7	96.8	1.4	54.2	420	15
Lab #1234	09-22-00	4.1	40.3	14.0	41.6	96.0	1.2	60.1	461	14
Lab #1398	10-19-00	5.5	48.2	10.5	35.8	97.9	1.3	54.2	424	14
Lab #1630	12-01-00	4.4	47.9	11.1	36.6	96.0	1.5	55.2	424	17
FULLERTON STONE COMPANY INC, GRANBY, MO										
Stockpile #1										
Lab #1034	08-15-00	4.4	45.0	13.1	37.5	93.1	0.1	56.6	422	1
Lab #1222	09-14-00	1.8	47.0	11.5	39.7	84.4	0.1	58.4	394	1
Lab #1488	10-30-00	1.7	48.0	13.3	37.0	93.8	0.1	57.0	428	1
Lab #1675	12-05-00	2.4	46.7	13.2	37.7	90.7	0.1	57.3	416	1
GABEL STONE COMPANY INC., WILLOW SPRINGS, MO										
Stockpile #1										
Lab #1118	08-29-00	3.7	46.4	12.9	37.0	85.3	10.7	56.3	384	121
GLASGOW QUARRIES INC, GLASGOW, MO										
Stockpile #4										
Lab #0865	07-31-00	6.7	36.5	8.3	48.5	90.7	6.1	62.6	454	76

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
GLASGOW QUARRIES INC, GLASGOW, MO (CONTINUED)										
Stockpile #4										
Lab #1070	08-21-00	6.0	36.1	8.1	49.8	88.1	6.2	63.7	449	79
Lab #1196	09-12-00	8.0	35.9	8.5	47.6	88.9	5.7	61.7	439	70
Lab #1400	10-20-00	6.7	35.8	7.7	49.8	88.0	5.7	63.4	446	72
Lab #1594	11-20-00	8.9	40.7	8.4	42.0	88.9	6.7	57.2	407	77
GLASGOW QUARRIES-GILLIAM, GILLIAM, MO										
Stockpile #1										
Lab #0864	07-31-00	3.4	50.3	7.2	39.1	88.7	5.2	56.0	397	58
Lab #1069	08-21-00	3.6	48.4	7.2	40.8	90.2	5.7	57.2	413	65
Lab #1195	09-12-00	4.3	50.9	8.4	36.4	89.6	5.7	54.2	388	62
Lab #1332	10-02-00	4.3	48.6	8.1	39.0	90.8	6.4	56.0	407	72
Lab #1592	11-20-00	3.5	47.2	8.0	41.3	87.1	5.5	57.9	403	64
GLASGOW QUARRIES - MARCELINE, MARCELINE, MO										
Stockpile #1										
Lab #1090	08-25-00	6.6	34.9	8.1	50.4	89.9	6.3	64.0	460	81
Lab #1302	09-26-00	7.1	34.5	8.0	50.4	87.7	5.9	63.8	448	75
Stockpile #3										
Lab #1641	11-28-00	3.3	47.4	7.5	41.8	87.6	5.8	58.2	408	67
HALL & RILEY QUARRIES & CONST CO, BOONVILLE, MO										
Stockpile #1										
Lab #0970	08-09-00	1.9	44.8	15.0	38.3	94.8	0.1	58.5	444	1
Lab #1198	09-13-00	3.5	47.9	13.7	34.9	94.1	0.1	55.1	415	1
Lab #1336	10-06-00	6.2	47.1	13.1	33.6	95.9	0.2	53.2	408	2
Lab #1515	11-10-00	2.2	48.5	14.0	35.3	95.7	0.3	55.8	427	3
Lab #1669	12-07-00	4.8	46.3	13.0	35.9	94.3	0.1	55.3	417	1
HALL & RILEY QUARRIES & CONST CO, MARSHALL, MO										
Stockpile #1										
Lab #0870	08-02-00	4.8	52.7	9.3	33.2	85.2	0.3	52.0	354	3
Lab #1102	08-28-00	5.0	50.0	7.3	37.7	88.6	4.8	54.6	387	52
Lab #1233	09-22-00	5.4	43.9	6.8	43.9	85.4	4.5	59.0	403	53
Lab #1397	10-19-00	7.0	46.8	7.3	38.9	88.0	4.6	55.0	387	51
Lab #1628	12-01-00	7.2	47.9	8.3	36.6	83.3	2.5	53.6	357	27
HART LIME STONE, FARMINGTON, MO										
HILTY QUARRIES, INC. - QUARLES, CLINTON, MO										
Stockpile #1										
Lab #1082	08-23-00	2.5	49.4	9.9	38.2	76.3	0.8	56.5	345	9
Lab #1251	09-21-00	1.6	45.9	10.8	41.7	73.7	0.9	59.7	352	11
Lab #1444	10-26-00	3.3	47.7	10.9	38.1	97.3	0.8	56.6	440	9
Lab #1668	12-07-00	3.1	46.2	9.6	41.1	74.3	0.8	58.4	347	9
HILTY QUARRIES, INC. - MONTROSE, CLINTON, MO										
Stockpile #1										
Lab #1114	08-30-00	0.3	51.7	12.9	35.1	85.5	0.6	55.8	381	7
Lab #1184	09-08-00	0.3	48.3	13.1	38.3	85.1	0.6	58.2	396	7
Lab #1280	09-28-00	1.5	47.5	13.6	37.4	83.3	0.6	57.4	383	7
Lab #1437	10-23-00	0.2	47.6	12.5	39.7	83.8	0.6	59.1	396	7
HILTY QUARRIES, INC. - MT. ZION, CLINTON, MO										
Stockpile #1										
Lab #1281	09-28-00	0.2	38.5	14.6	46.7	81.9	0.1	65.1	426	1
Lab #1447	10-26-00	0.1	36.3	15.4	48.2	80.6	0.1	66.5	429	1
Lab #1606	12-11-00	0.1	38.1	14.3	47.5	76.1	0.1	65.6	399	1
HILTY QUARRIES, INC- SOUTH-DELL JCT, CLINTON, MO										
Stockpile #1										
Lab #0885	07-31-00	0.3	40.9	13.1	45.7	90.4	0.1	63.8	461	1
Lab #1216	09-14-00	0.3	42.2	14.2	43.3	89.3	0.1	62.4	446	1
Lab #1485	10-31-00	0.6	41.5	12.1	45.8	89.4	0.2	63.4	454	3
Lab #1612	12-01-00	0.5	42.2	13.4	43.9	89.7	0.2	62.5	448	2
HILTY QUARRIES, INC - TIGHTWAD, CLINTON, MO										
Stockpile #1										
Lab #0883	07-31-00	0.2	44.8	12.4	42.6	95.2	0.9	61.2	466	11
Lab #1175	09-05-00	2.9	42.6	11.7	42.8	89.2	0.4	60.5	432	5

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

AGRICULTURAL LIMING MATERIALS SAMPLED FROM  
JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
HILTY QUARRIES, INC - TIGHTWAD, CLINTON, MO (CONTINUED)										
Stockpile #1										
Lab #1445	10-26-00	0.0	45.1	12.9	42.0	93.1	0.9	61.0	454	11
Lab #1613	12-01-00	0.0	47.3	13.1	39.6	92.4	0.6	59.3	438	7
Stockpile #2										
Lab #0884	07-31-00	0.7	42.5	11.9	44.9	94.9	0.7	62.7	476	9
Lab #1446	10-26-00	0.5	40.5	13.2	45.8	86.4	0.5	63.8	441	6
Lab #1614	12-01-00	0.7	44.7	13.1	41.5	94.3	0.5	60.5	457	6
Lab #1614	12-01-00	0.7	44.7	13.1	41.5	94.3	0.5	60.5	457	6
HILTY QUARRIES, INC. - URICH, CLINTON, MO										
Stockpile #2										
Lab #1109	08-28-00	0.4	43.5	13.9	42.2	74.9	0.9	61.4	368	11
Lab #1182	09-08-00	0.2	45.5	14.1	40.2	76.6	0.9	60.0	368	11
Lab #1277	09-26-00	0.1	42.9	13.5	43.5	77.7	0.5	62.3	387	6
Lab #1438	10-23-00	0.1	44.1	11.8	44.0	78.2	0.7	62.1	389	9
Stockpile #3										
Lab #1110	08-28-00	0.2	44.9	13.2	41.7	74.5	1.0	60.8	363	12
Lab #1183	09-08-00	0.3	42.3	12.5	44.9	74.1	0.7	63.0	373	9
Lab #1278	09-26-00	0.3	45.2	14.3	40.2	79.4	0.7	60.1	382	8
Lab #1439	10-23-00	0.9	42.7	12.7	43.7	90.9	0.8	62.0	451	10
HILTY QUARRIES INC.-WARRENSBURG, CLINTON, MO										
Stockpile #4										
Lab #0974	08-10-00	0.4	60.1	10.6	28.9	80.2	1.6	50.3	323	16
Lab #1130	09-08-00	2.5	54.0	10.5	33.0	75.1	1.6	52.8	317	17
Lab #1295	09-29-00	2.4	52.2	10.7	34.7	75.4	1.6	54.2	327	17
Lab #1395	10-18-00	2.7	49.3	9.7	38.3	76.4	1.8	56.4	345	20
Lab #1595	11-21-00	0.4	49.6	11.7	38.3	67.6	1.7	57.7	312	20
Lab #1670	12-08-00	2.6	49.7	10.5	37.2	61.3*	1.2	55.9	0	0
HUNT MIDWEST MINING-BLUE MOUND, DAWN, MO										
Stockpile #2										
Lab #1083	08-18-00	6.1	57.3	7.7	28.9	87.4	1.3	47.8	335	12
Lab #1370	10-09-00	4.7	53.6	8.3	33.4	86.4	1.2	51.8	358	12
Lab #1698	12-07-00	6.3	50.4	8.2	35.1	83.6	1.4	52.6	352	15
HUNT MIDWEST MINING - EE QUARRY, RICHMOND, MO										
Stockpile #1										
Lab #1014	08-16-00	11.6*	56.2	7.4	24.8	91.5	0.5	43.3	0	0
Lab #1129	09-07-00	10.5*	52.8	8.4	28.3	90.3	0.7	46.5	0	0
Lab #1383	10-11-00	9.2	52.5	7.7	30.6	89.6	0.7	48.3	347	7
HUNT MIDWEST MINING - HWY 10 QUARRY, RAYVILLE, MO										
Stockpile #2										
Lab #1013	08-16-00	5.5	54.2	9.5	30.8	87.5	1.1	50.1	350	11
Lab #1128	09-07-00	6.9	61.2	9.6	22.3	89.8	0.8	43.4	311	7
Lab #1294	09-26-00	4.5	56.9	9.5	29.1	85.6	1.1	49.0	336	11
Lab #1432	10-26-00	5.0	56.4	9.2	29.4	86.6	0.8	49.0	340	8
Lab #1653	12-05-00	4.6	50.0	10.7	34.7	87.0	0.6	53.6	373	6
HUNT MIDWEST QUARRY - STET QUARRY, RICHMOND, MO										
Stockpile #1										
Lab #1371	10-10-00	6.8	52.8	8.4	32.0	90.2	0.6	50.2	363	6
Lab #1638	11-27-00	7.6	56.2	8.0	28.2	86.1	0.5	47.1	324	5
HUNT MIDWEST MINING, INC.-MVILLE, KANSAS CITY, MO										
HUTCHENS CONSTRUCTION-PURDY, CASSVILLE, MO										
Stockpile #2										
Lab #1117	08-28-00	3.6	48.6	12.1	35.7	70.0	0.2	55.1	309	2
Lab #1292	09-29-00	1.3	47.8	13.8	37.1	90.2	0.2	57.3	414	2
Lab #1494	11-01-00	0.8	45.9	14.4	38.9	90.3	0.2	59.0	426	2
Lab #1676	12-08-00	2.0	44.5	13.7	39.8	87.3	0.1	59.1	413	1
HUTCHENS CONSTRUCTION-EAGLE ROCK, CASSVILLE, MO										
Stockpile #2										
Lab #0878	08-02-00	4.1	46.0	7.7	42.2	91.9	11.0	58.3	429	128
Lab #1173	09-08-00	4.7	47.2	7.7	40.4	89.6	10.8	56.8	407	123
Lab #1454	10-27-00	4.2	47.6	8.5	39.7	90.3	10.7	56.7	410	121

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
HUTCHENS CONSTRUCTION-EAGLE ROCK, CASSVILLE, MO (CONTINUED)										
Stockpile #2										
Lab #1585	11-20-00	4.8	46.1	7.6	41.5	89.3	11.2	57.6	411	129
Lab #1685	12-12-00	4.6	43.2	7.0	45.2	89.1	10.5	60.2	429	126
HUTCHENS CONSTRUCTION-WASHBURN, CASSVILLE, MO										
Stockpile #1										
Lab #1037	08-18-00	1.4	46.2	14.6	37.8	85.4	0.2	58.1	397	2
Lab #1293	09-25-00	2.2	48.5	12.6	36.7	81.5	0.2	56.4	368	2
Lab #1486	10-30-00	1.1	46.3	14.4	38.2	85.5	0.2	58.4	400	2
Lab #1673	12-05-00	6.6	48.6	10.8	34.0	84.6	0.2	52.6	356	2
IDEKER INC. - NEW POINT QUARRY, ST JOSEPH, MO										
Stockpile #1										
Lab #1259	09-19-00	0.0	45.7	12.6	41.7	87.3	0.6	60.7	424	7
IDEKER INC. - AMAZONIA, ST JOSEPH, MO										
Stockpile #1										
Lab #1203	09-15-00	5.2	49.8	11.5	33.5	88.9	0.6	52.9	376	6
Lab #1285	09-28-00	4.8	48.1	13.0	34.1	94.2	0.5	53.9	406	5
INLAND RIVERS AGGREGATE CO, NEOSHO, MO										
IOWA LIMESTONE CO-WEeping WATER NE, WEeping WATER, NE										
Stockpile #1										
Lab #1005	08-09-00	0.0	0.2	22.5	77.3	98.6	0.2	90.9	717	4
IOWA MINERAL PROCESSING, INC., ALDEN, IA										
JENKINS QUARRY, CASSVILLE, MO										
LEO JOURNAGAN CONST CO-GAINESVILLE, SPRINGFIELD, MO										
Stockpile #1										
Lab #1381	10-12-00	0.3	33.6	9.9	56.2	81.4	10.1	70.5	459	142
Lab #1514	11-09-00	0.6	34.5	10.4	54.5	80.1	9.4	69.4	444	130
LEO JOURNAGAN CONST CO-HOLLISTER SO, SPRINGFIELD, MO										
Stockpile #1										
Lab #1041	08-14-00	1.8	50.9	11.0	36.3	93.6	0.5	55.6	417	6
Lab #1289	09-26-00	2.4	54.6	10.5	32.5	92.6	0.6	52.5	389	6
Lab #1575	11-14-00	1.6	50.9	11.0	36.5	92.3	0.5	55.8	412	6
LEO JOURNAGAN CONST CO INC-OZARK, SPRINGFIELD, MO										
Stockpile #1										
Lab #0873	07-31-00	1.1	47.1	13.4	38.4	96.2	0.1	58.2	448	1
Lab #1218	09-11-00	0.4	44.4	14.1	41.1	95.3	0.2	60.7	462	2
Lab #1451	10-24-00	0.6	38.9	14.3	46.2	95.6	0.2	64.5	493	3
Lab #1644	11-28-00	0.4	42.8	14.4	42.4	94.3	0.2	61.7	466	2
LEO JOURNAGAN CONST CO INC-AVA, SPRINGFIELD, MO										
LEO JOURNAGAN CONST. - SHELL KNOB, SHELL KNOB, MO										
Stockpile #1										
Lab #0879	08-02-00	3.5	39.9	7.4	49.2	92.4	11.4	63.6	470	145
Lab #1174	09-08-00	3.9	42.8	8.1	45.2	90.4	10.9	60.8	439	132
Lab #1455	10-27-00	3.0	41.6	6.2	49.2	90.1	10.6	63.3	456	134
Lab #1586	11-20-00	2.4	43.3	8.3	46.0	90.9	11.4	61.8	449	141
Lab #1684	12-12-00	3.7	40.1	6.8	49.4	89.6	11.0	63.5	455	140
JOPLIN STONE CO Q DUENWEG, JOPLIN, MO										
Stockpile #2										
Lab #0881	08-04-00	0.2	18.9	18.3	62.6	97.4	0.2	78.3	610	3
Lab #1167	09-05-00	0.2	22.9	20.6	56.3	95.7	0.1	74.4	569	1
Lab #1325	10-02-00	0.3	20.7	20.4	58.6	91.4	0.2	76.0	556	3
Lab #1449	10-23-00	0.3	16.5	21.1	62.1	94.6	0.1	78.9	597	2
Lab #1642	11-27-00	0.2	18.4	21.2	60.2	93.0	0.2	77.5	577	3
Stockpile #3										
Lab #0882	08-04-00	9.2	27.1	8.2	55.5	97.4	0.1	67.2	524	1
Lab #1168	09-05-00	3.6	44.7	14.3	37.4	96.0	0.1	57.2	439	1
Lab #1326	10-02-00	5.7	42.0	15.2	37.1	94.4	0.1	56.7	428	1
Lab #1450	10-23-00	0.0	31.8	9.3	58.9	94.9	0.1	72.4	550	1
Lab #1643	11-27-00	7.5	43.7	11.2	37.6	94.0	0.1	55.2	415	1

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
KELLY LIME & ROCK CO., INC., KIRKSVILLE, MO										
Stockpile #1										
Lab #1045	08-17-00	5.6	42.4	8.8	43.2	93.0	1.7	59.1	440	20
Lab #1186	09-14-00	7.4	42.2	9.5	40.9	92.3	1.5	57.2	422	17
Lab #1362	10-10-00	8.2	43.1	8.3	40.4	91.8	1.6	56.2	412	18
Lab #1527	11-08-00	8.2	41.4	7.6	42.8	92.1	1.9	57.7	425	22
Stockpile #3										
Lab #1047	08-17-00	0.0	0.2	0.2	99.6	99.0	0.6	99.8	790	12
Lab #1188	09-14-00	2.8	19.0	4.0	74.2	95.2	0.9	81.4	620	15
Lab #1363	10-10-00	0.2	0.6	0.4	98.8	98.0	0.8	99.2	778	16
Lab #1528	11-08-00	0.5	1.0	0.7	97.8	94.7	0.8	98.5	746	16
Stockpile #4										
Lab #1046	08-17-00	2.8	16.4	3.6	77.2	91.0	0.9	83.5	608	15
Lab #1187	09-14-00	3.1	16.5	3.2	77.2	91.4	0.7	83.2	609	12
Lab #1364	10-10-00	3.9	16.3	3.5	76.3	91.0	0.8	82.5	600	13
Lab #1529	11-08-00	2.8	16.5	0.8	79.9	86.3	0.8	84.5	583	14
KELLEY QUARRY, CROCKER, MO										
Stockpile #2										
Lab #0904	08-02-00	0.3	33.4	16.1	50.2	90.1	10.8	68.2	492	147
Lab #1095	08-22-00	0.6	42.0	12.1	45.3	89.7	10.8	63.1	453	136
KERFORD LIMESTONE CO, WEEPING WATER, NE										
Stockpile #1										
Lab #1008	08-09-00	0.1	0.2	0.2	99.5	98.0	0.3	99.7	781	6
KEYSTONE QUARRY, WARRENSBURG, MO										
Stockpile #1										
Lab #0975	08-10-00	0.1	48.4	10.9	40.6	77.6	1.3	59.2	368	15
Lab #1131	09-08-00	0.0	48.7	11.5	39.8	73.2	1.5	58.9	345	18
KNOX COUNTY STONE CO, EDINA, MO										
Stockpile #1										
Lab #1066	08-22-00	2.3	47.1	11.2	39.4	90.7	2.5	57.9	420	29
Lab #1271	09-21-00	4.7	43.6	10.7	41.0	93.5	3.5	58.3	436	41
Lab #1436	10-26-00	5.9	42.3	8.4	43.4	92.4	2.7	59.0	436	32
Lab #1650	11-27-00	3.7	44.9	10.6	40.8	87.6	2.0	58.4	409	23
L & W QUARRIES INC., KAHOKA, MO										
Stockpile #1										
Lab #1067	08-23-00	8.0	47.3	9.4	35.3	92.1	0.7	52.8	389	7
Lab #1272	09-22-00	9.8	45.9	8.4	35.9	90.6	1.0	52.4	380	10
Lab #1433	10-24-00	1.8	41.3	13.3	43.6	93.9	0.2	61.9	465	2
Lab #1651	11-28-00	2.8	44.1	11.1	42.0	88.8	0.2	59.7	424	2
Stockpile #2										
Lab #1068	08-23-00	8.5	43.6	9.9	38.0	92.4	0.3	54.8	405	3
Lab #1434	10-24-00	8.2	46.1	10.1	35.6	91.5	0.4	53.2	389	4
Lab #1652	11-28-00	8.3	43.5	9.7	38.5	88.7	0.3	55.2	392	3
LAFARGE CORPORATION, SEDALIA, MO										
Stockpile #1										
Lab #1631	12-01-00	4.8	49.0	8.5	37.7	87.7	5.5	55.1	386	61
Lab #1654	12-06-00	5.1	48.0	7.9	39.0	85.3	5.4	55.7	380	60
Lab #1681	12-11-00	5.8	45.7	9.1	39.4	92.6	2.6	56.3	417	29
LAFARGE CORPORATION, SEDALIA, MO										
LAFARGE CONSTRUCTION MATERIALS, ST CHARLES, MO										
Stockpile #2										
Lab #0909	08-04-00	11.8*	36.3	11.5	40.4	89.9	0.4	56.4	0	0
LAFARGE CONSTRUCTION MATERIALS, WARRENTON, MO										
Stockpile #1										
Lab #0908	08-04-00	6.5	46.2	8.2	39.1	96.9	4.2	55.6	431	47
Lab #1099	08-29-00	6.3	46.9	7.6	39.2	95.4	4.2	55.5	423	47
LEAD BELT MATERIALS CO INC, FLAT RIVER, MO										
Stockpile #1										
Lab #0959	08-09-00	0.1	4.6	11.0	84.3	89.5	10.6	92.1	659	195

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
LILE QUARRY INC., STRAFFORD, MO										
Stockpile #1										
Lab #1001	08-07-00	0.3	52.9	6.6	40.2	90.0	10.5	57.4	413	121
Lab #1290	09-27-00	0.1	48.5	8.1	43.3	87.2	10.5	60.3	421	127
LIMPUS QUARRIES, INC. (BATES CITY), BATES CITY, MO										
Stockpile #3										
Lab #0872	08-03-00	5.1	50.1	8.1	36.7	79.3	0.5	54.1	343	5
Lab #1104	08-29-00	4.8	55.5	8.8	30.9	89.6	0.6	50.1	359	6
Lab #1231	09-20-00	4.1	53.0	8.0	34.9	86.9	0.5	53.0	368	5
Lab #1382	10-10-00	3.9	44.0	10.8	41.3	83.3	0.7	58.8	392	8
Lab #1475	10-31-00	6.7	54.1	8.2	31.0	90.7	0.5	49.4	359	5
Lab #1678	12-08-00	4.4	56.5	6.9	32.2	87.6	0.6	50.5	354	6
LIMPUS QUARRIES, INC. (GARDEN CITY), HARRISONVILLE, MO										
LIMPUS QUARRIES, INC. (GALLATIN), HARRISONVILLE, MO										
Stockpile #2										
Lab #1031	08-16-00	6.9	45.5	7.6	40.0	70.5	1.7	55.9	315	19
Lab #1345	10-04-00	9.8	54.7	6.4	29.1	84.6	0.7	46.6	315	7
Lab #1562	11-15-00	8.3	51.5	8.1	32.1	71.2	0.7	49.8	284	7
LIMPUS QUARRIES, INC. (HARRISONVILLE), HARRISONVILLE, MO										
Stockpile #2										
Lab #0985	08-07-00	6.5	51.4	7.6	34.5	88.3	0.9	51.9	367	9
Lab #1205	09-11-00	7.9	50.3	8.0	33.8	88.1	0.9	51.2	361	9
Lab #1338	10-03-00	7.1	52.6	9.6	30.7	87.3	1.2	49.6	346	12
LIMPUS QUARRIES, INC. (HOLDEN), HOLDEN, MO										
Stockpile #2										
Lab #0972	08-10-00	7.0	48.3	8.2	36.5	76.9	2.6	53.5	329	28
Lab #1127	09-06-00	4.1	46.1	10.9	38.9	75.3	2.6	57.0	343	30
Lab #1296	09-29-00	7.0	47.7	8.8	36.5	76.7	2.7	53.7	330	29
Lab #1476	10-31-00	9.9	44.7	7.4	38.0	76.0	2.9	53.6	326	31
Lab #1677	12-08-00	6.7	46.1	8.4	38.8	73.8	2.9	55.4	327	32
MAGRUDER LIMESTONE CO-ASHLEY, BOWLING GREEN, MO										
Stockpile #1										
Lab #0922	08-03-00	0.3	43.8	12.1	43.8	94.0	1.0	62.0	466	12
Lab #1141	09-05-00	0.3	44.8	12.5	42.4	97.7	0.8	61.1	478	10
Lab #1316	10-04-00	0.6	47.1	9.1	43.2	81.4	2.3	60.4	394	28
Lab #1544	11-15-00	0.5	44.8	10.8	43.9	90.7	1.2	61.6	447	15
MAGRUDER LIMESTONE CO, INC.-BOWLING, BOWLING GREEN, MO										
Stockpile #1										
Lab #0921	08-03-00	0.6	40.4	11.4	47.6	94.2	1.6	64.5	486	21
Lab #1140	09-05-00	0.5	42.9	12.8	43.8	93.1	1.3	62.2	463	16
Lab #1315	10-04-00	0.5	43.5	12.1	43.9	93.9	1.1	62.0	466	14
MAGRUDER LIMESTONE CO-FRANKFORD, BOWLING GREEN, MO										
Stockpile #1										
Lab #0923	08-03-00	0.3	35.4	15.2	49.1	98.6	2.1	67.1	529	28
Lab #1143	09-05-00	0.4	32.2	13.2	54.2	97.7	2.3	70.2	548	32
Lab #1318	10-04-00	0.1	37.0	12.8	50.1	98.8	2.6	67.0	530	35
Lab #1543	11-03-00	2.4	35.8	12.1	49.7	97.0	1.8	65.9	511	24
MAGRUDER LIMESTONE - SILEX QUARRY, TROY, MO										
Stockpile #1										
Lab #0965	08-11-00	2.9	53.1	7.8	36.2	86.5	3.0	54.2	375	32
Lab #1148	09-07-00	3.0	54.2	8.0	34.8	84.3	3.1	53.2	358	33
Lab #1354	10-09-00	3.9	49.6	7.4	39.1	86.2	3.0	55.9	386	34
Lab #1470	11-02-00	1.0	47.4	9.0	42.6	94.4	3.1	59.9	452	37
MAGRUDER LIMESTONE CO Q TROY, TROY, MO										
Stockpile #1										
Lab #0969	08-11-00	4.3	52.4	7.9	35.4	85.3	2.7	53.2	363	29
Lab #1151	09-07-00	5.0	52.9	8.4	33.7	84.1	2.9	52.0	350	30
Lab #1358	10-09-00	3.9	51.2	7.7	37.2	83.5	2.5	54.6	365	27
Stockpile #2										
Lab #0968	08-11-00	3.6	52.8	8.2	35.4	87.3	3.2	53.5	374	34
Lab #1152	09-07-00	3.0	52.2	7.7	37.1	85.5	3.3	54.8	375	36

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
MAGRUDER LIMESTONE CO Q TROY, TROY, MO (CONTINUED)										
Stockpile #2										
Lab #1357	10-09-00	3.5	55.4	7.9	33.2	85.4	3.2	51.8	354	33
Lab #1473	11-02-00	2.1	52.2	8.2	37.5	84.3	3.1	55.5	374	34
MANSFIELD LIME & STONE, MANSFIELD, MO										
Stockpile #2										
Lab #0880	08-03-00	0.2	46.0	9.1	44.7	84.4	10.3	61.7	416	127
Lab #1172	09-07-00	0.2	48.4	8.8	42.6	81.5	9.9	60.0	391	119
Lab #1497	11-02-00	0.1	48.3	8.0	43.6	84.8	10.2	60.5	410	123
Lab #1647	11-29-00	0.1	50.9	8.5	40.5	80.0	9.9	58.3	373	115
MARTIN MARIETTA AGGREGATES-BARNHART, PERRYVILLE, MO										
MARTIN MARIETTA AGGREGATES-JEFFRIES, DAVIS CITY, IA										
Stockpile #3										
Lab #1087	08-22-00	10.0	47.1	7.8	35.1	88.5	1.2	51.6	365	12
MARTIN MARIETTA AGGREGATES-MERCER, MERCER, MO										
Stockpile #1										
Lab #1028	08-14-00	4.8	43.5	9.1	42.6	86.5	1.0	58.9	408	12
Lab #1158	09-05-00	4.2	44.5	10.4	40.9	86.2	1.1	58.3	402	13
Lab #1519	11-03-00	6.7	41.0	8.3	44.0	77.0	1.1	59.2	365	13
Lab #1662	12-04-00	10.1*	45.2	7.0	37.7	79.9	0.6	53.2	0	0
Stockpile #3										
Lab #1029	08-14-00	6.4	42.3	8.5	42.8	77.0	1.1	58.5	360	13
Lab #1159	09-05-00	7.3	44.2	8.7	39.8	75.9	1.2	56.1	340	13
MARTIN MARIETTA MATERIALS-WATTERSON, MT AYR, IA										
Stockpile #1										
Lab #0891	07-31-00	3.9	37.1	8.6	50.4	74.0	1.5	64.8	384	19
Lab #1160	09-06-00	6.3	41.7	8.6	43.4	76.6	1.6	59.0	361	19
MARTIN MARIETTA AGGREGATES-GOODEN, RAVENWOOD, MO										
Stockpile #1										
Lab #1201	08-14-00	3.7	48.9	9.7	37.7	84.6	1.7	55.7	377	19
Lab #1284	09-26-00	4.1	47.7	8.5	39.7	83.0	1.9	56.7	377	22
MARTIN MARIETTA AGG - APPLETON, PERRYVILLE, MO										
Stockpile #1										
Lab #1000	08-10-00	0.6	65.1	11.4	22.9	96.8	2.5	46.0	356	23
Lab #1342	10-02-00	0.5	39.8	14.4	45.3	96.2	2.3	63.9	492	29
Lab #1691	12-04-00	1.4	47.9	12.1	38.6	97.8	3.9	57.8	453	45
MARTIN MARIETTA AGGREGATES-BARNARD, BARNARD, MO										
Stockpile #1										
Lab #0897	08-04-00	2.6	45.2	8.7	43.5	82.8	1.3	60.0	398	16
Lab #1257	09-19-00	2.5	46.9	9.1	41.5	79.6	1.3	58.7	374	15
MARTIN MARIETTA AGGREGATES-BETHANY, BETHANY, MO										
Stockpile #3										
Lab #1085	08-22-00	3.3	50.6	9.9	36.2	85.0	1.2	54.8	373	13
Lab #1558	11-14-00	3.7	49.5	8.9	37.9	81.4	1.3	55.6	362	14
MARTIN MARIETTA AGGREGATES - BREIT, SAVANNAH, MO										
Stockpile #2										
Lab #0895	08-02-00	0.2	46.5	10.4	42.9	79.5	2.3	60.8	386	28
Lab #1204	09-15-00	0.3	45.0	12.2	42.5	75.4	2.1	61.1	368	26
MARTIN MARIETTA AGGREGATES-GALLATIN, GALLATIN, MO										
Stockpile #1										
Lab #1030	08-16-00	3.3	56.9	10.8	29.0	90.9	0.4	49.7	361	4
Lab #1344	10-04-00	0.0	0.0	11.0	89.0	90.0	0.4	95.6	688	8
Lab #1560	11-15-00	2.8	54.1	11.1	32.0	89.7	0.5	52.2	374	5
MARTIN MARIETTA-GREENWOOD, GREENWOOD, MO										
MARTIN MARIETTA AGGREGATES-MAITLAND, SAVANNAH, MO										
MARTIN MARIETTA, PATTONSBURG, MO										
Stockpile #1										
Lab #1009	08-10-00	6.0	58.0	7.5	28.5	90.6	0.8	47.5	344	8
Lab #1163	09-08-00	7.4	54.3	8.7	29.6	89.4	0.9	48.4	346	9
Stockpile #2										
Lab #1010	08-10-00	6.0	51.1	9.1	33.8	83.3	0.8	52.0	347	8

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

AGRICULTURAL LIMING MATERIALS SAMPLED FROM  
JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
MARTIN MARIETTA, PATTONSBURG, MO (CONTINUED)										
Stockpile #2										
Lab #1164	09-08-00	6.4	51.2	9.5	32.9	81.6	0.9	51.4	336	9
MARTIN MARIETTA MATERIALS-PECULIAR, PECULIAR, MO										
Stockpile #1										
Lab #0986	08-07-00	4.6	55.3	8.6	31.5	92.5	0.5	50.5	374	5
Lab #1206	09-11-00	5.6	53.9	8.8	31.7	86.9	0.6	50.5	351	6
Lab #1339	10-03-00	5.0	53.0	9.7	32.3	89.7	0.5	51.4	369	5
MARTIN MARIETTA AGG-PERRYVILLE, PERRYVILLE, MO										
MARTIN MARIETTA AGGREGATE-PRINCETON, MERCER, MO										
MARTIN MARIETTA AGGREGATES- TRENTON, TRENTON, MO										
Stockpile #1										
Lab #0980	08-09-00	2.8	43.7	11.5	42.0	92.6	1.1	59.8	443	13
Lab #1268	09-20-00	4.0	45.4	10.9	39.7	85.1	1.3	57.6	392	15
Lab #1456	10-26-00	3.2	42.6	11.0	43.2	96.9	1.0	60.5	469	12
Lab #1658	12-06-00	4.9	44.3	9.7	41.1	90.4	1.1	58.0	419	13
Stockpile #6										
Lab #0981	08-09-00	5.6	46.7	9.7	38.0	86.4	1.2	55.5	384	13
Lab #1269	09-20-00	5.6	47.2	8.9	38.3	79.5	1.2	55.4	353	13
Lab #1457	10-26-00	5.3	47.0	9.6	38.1	84.5	1.1	55.6	376	12
Lab #1659	12-06-00	5.0	45.0	9.6	40.4	81.4	1.3	57.4	374	15
MARTIN MARIETTA AGGREGATES INC, WEEPING WATER, NE										
MERTENS CONST CO-AUXVASSE, KINGDOM CITY, MO										
Stockpile #1										
Lab #0926	08-07-00	7.0	51.0	9.2	32.8	95.8	1.5	51.1	391	15
Lab #1190	09-15-00	6.0	44.3	12.9	36.8	76.7	2.4	55.6	341	27
Lab #1319	10-05-00	7.4	47.6	9.5	35.5	96.0	1.7	53.1	408	18
Lab #1535	11-13-00	8.0	52.3	8.4	31.3	95.9	0.4	49.4	379	4
MERTENS CONST CO-Q-REFORM, KINGDOM CITY, MO										
Stockpile #1										
Lab #0902	08-01-00	2.7	53.1	11.1	33.1	82.6	3.6	53.0	350	38
Lab #1097	08-25-00	6.0	53.7	10.4	29.9	91.9	2.2	49.6	364	22
MFA INC, COLUMBIA, MO										
MID-MISSOURI LIMESTONE INC-MBQ, KINGDOM CITY, MO										
Stockpile #1										
Lab #0953	08-07-00	5.9	48.0	12.2	33.9	91.4	0.1	53.2	389	1
Lab #1092	08-25-00	10.2*	51.0	9.8	29.0	97.9	2.6	47.6	0	0
Lab #1274	09-27-00	6.9	48.3	12.0	32.8	76.7	0.4	52.1	320	4
Lab #1401	10-23-00	7.5	47.9	10.7	33.9	97.3	2.4	52.3	407	25
Lab #1579	11-22-00	7.0	48.4	10.9	33.7	92.8	1.2	52.3	389	13
MID-MISSOURI LIMESTONE-RIGGS, KINGDOM CITY, MO										
Stockpile #2										
Lab #0925	08-04-00	4.3	46.3	10.1	39.3	97.6	2.4	56.9	445	27
Lab #1135	09-01-00	5.8	45.4	9.6	39.2	95.9	2.8	56.3	432	32
Lab #1410	10-23-00	8.2	42.6	7.8	41.4	91.5	2.9	56.7	415	33
Lab #1537	11-13-00	10.4*	44.1	8.0	37.5	93.5	1.9	53.3	0	0
MIDWEST MINERALS INC, JASPER, MO										
Stockpile #1										
Lab #1003	08-10-00	3.3	32.3	15.3	49.1	99.4	0.2	66.4	528	3
Lab #1327	10-03-00	4.1	32.3	14.9	48.7	98.5	0.1	65.7	518	1
Lab #1511	11-07-00	2.5	30.3	14.1	53.1	97.9	0.2	69.1	541	3
MISSISSIPPI LIME COMPANY, STE GENEVIEVE, MO										
Stockpile #1										
Lab #0945	08-10-00	0.1	0.1	0.3	99.5	100.2	0.2	99.7	799	4
Stockpile #3										
Lab #0946	08-10-00	0.0	44.0	28.5	27.5	99.5	0.2	55.6	443	2
MISSOURI LIME AND MATERIAL CO., INC, EUREKA, MO										
MISSOURI VALLEY MATERIALS, WASHINGTON, MO										
Stockpile #1										
Lab #0911	08-01-00	6.0	43.6	7.4	43.0	83.4	9.7	58.3	389	113

\* Does not meet minimum specification for Agricultural Liming Material.



TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
MK MINERALS INC., ST. GEORGE, KS										
Stockpile #1										
Lab #0894	08-02-00	0.0	0.0	0.7	99.3	82.2	1.1	99.7	656	22
Lab #1253	09-21-00	2.7	3.4	2.8	91.1	83.8	0.6	93.6	628	11
MORRIS ROCK, DEERFIELD, MO										
Stockpile #1										
Lab #1112	08-29-00	4.3	61.0	8.8	25.9	86.6	1.1	46.4	322	10
Lab #1250	09-20-00	2.2	55.6	10.0	32.2	94.6	0.3	52.1	394	3
Lab #1411	10-17-00	2.5	56.5	10.0	31.0	95.4	0.4	51.1	390	4
Lab #1599	11-27-00	3.2	58.1	8.2	30.5	93.4	0.3	49.9	373	3
MOUNTAIN GROVE QUARRY, MOUNTAIN GROVE, MO										
Stockpile #1										
Lab #1073	08-23-00	0.0	40.9	8.6	50.5	90.9	11.1	65.9	479	146
Lab #1393	10-16-00	0.1	42.3	7.9	49.7	88.8	10.5	65.0	462	137
Lab #1496	11-02-00	0.2	41.4	8.7	49.7	89.8	11.0	65.3	469	144
Lab #1584	11-22-00	0.1	40.8	8.8	50.3	88.3	10.9	65.8	465	143
MUEKNS BROS. QUARRY, LOOSE CREEK, MO										
Stockpile #1										
Lab #1050	08-17-00	2.0	47.7	8.1	42.2	97.2	11.8	59.0	459	139
NEMO SAND & GRAVEL, QUARRY, HERMITAGE, MO										
Stockpile #1										
Lab #0993	08-10-00	5.4	46.1	7.2	41.3	86.2	9.9	57.1	394	113
Lab #1243	09-18-00	4.3	43.3	7.8	44.6	85.1	8.7	60.1	409	105
Lab #1421	10-18-00	4.3	48.2	7.0	40.5	86.1	10.1	56.8	391	115
Lab #1523	11-10-00	6.7	42.2	8.9	42.2	69.1	8.4	58.1	321	98
NORRIS AGGREGATE PRODUCTS CO - EAST, MOBERLY, MO										
Stockpile #1										
Lab #0976	08-04-00	14.4*	43.5	9.2	32.9	83.0	2.3	49.3	0	0
Lab #1088	08-23-00	13.1*	46.1	9.1	31.7	90.0	3.0	48.7	0	0
Stockpile #2										
Lab #1229	09-15-00	6.5	52.3	8.8	32.4	85.6	1.7	50.8	348	17
Lab #1349	10-06-00	6.1	50.6	8.7	34.6	85.6	1.8	52.5	359	19
Lab #1516	11-01-00	5.9	49.1	11.0	34.0	94.4	0.2	52.9	399	2
NORRIS AGGREGATE PRODUCTS CO - WEST, MOBERLY, MO										
Stockpile #1										
Lab #0977	08-04-00	6.5	47.8	11.7	34.0	92.2	0.3	53.0	391	3
Lab #1089	08-23-00	4.4	49.2	12.1	34.3	91.9	0.2	53.9	396	2
Lab #1350	10-06-00	3.6	44.9	14.2	37.3	87.1	0.3	57.0	397	3
Lab #1389	10-17-00	5.4	48.2	11.4	35.0	86.6	0.3	53.9	373	3
NUTRI-JECT SYSTEMS INC., HUDSON, IA										
Stockpile #1										
Lab #1311	09-27-00	0.0	0.0	0.0	100.0	18.8*	0.6	100.0	150	12
Lab #1402	10-11-00	0.0	0.0	0.0	100.0	18.4*	0.6	100.0	147	12
Lab #1498	10-30-00	0.0	0.0	0.0	100.0	19.3*	0.5	100.0	154	10
LEO O'LAUGHLIN INC, SHELBY, MO										
Stockpile #1										
Lab #1048	08-17-00	6.3	44.2	8.7	40.8	88.5	1.6	57.1	404	18
Lab #1185	09-13-00	6.9	45.8	9.4	37.9	89.4	1.8	55.0	393	20
Lab #1403	10-10-00	4.7	47.5	9.3	38.5	86.3	1.6	56.0	386	18
Lab #1526	11-08-00	6.5	47.9	8.9	36.7	86.5	1.4	54.0	374	15
PACE CONSTRUCTION CO.-DANVILLE QUAR, MONTGOMERY CITY, MO										
Stockpile #2										
Lab #0910	08-01-00	7.4	51.3	8.4	32.9	91.3	2.3	50.8	371	23
Lab #1098	08-29-00	9.1	53.1	8.1	29.7	89.3	1.7	47.8	342	16
PHENIX ROCK, ASH GROVE, MO										
Stockpile #1										
Lab #1121	08-31-00	0.8	47.9	16.3	35.0	93.4	0.2	56.8	424	2
Lab #1380	10-11-00	2.9	49.2	11.7	36.2	93.9	0.2	55.5	417	2
PRESTAGE QUARRIES INC, TIPTON, MO										
Stockpile #1										
Lab #0867	08-01-00	0.2	44.8	8.2	46.8	76.2	6.8	62.9	384	86

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
PRESTAGE QUARRIES INC, TIPTON, MO										
Stockpile #1										
Lab #1124	09-05-00	0.1	39.9	10.7	49.3	68.2	4.0	65.7	358	53
Lab #1299	09-25-00	0.1	38.7	9.6	51.6	67.8	4.1	67.0	364	55
Lab #1474	10-30-00	0.0	41.4	8.0	50.6	73.7	5.9	65.8	388	78
R-B QUARRY #2 - FOLEY, ELSBERRY, MO										
Stockpile #3										
Lab #0967	08-11-00	6.2	46.2	11.3	36.3	95.1	0.8	54.6	416	9
Lab #1150	09-07-00	4.4	46.3	11.9	37.4	93.2	0.6	56.1	418	7
Lab #1356	10-09-00	4.8	45.7	10.7	38.8	94.9	0.6	56.6	430	7
Lab #1472	11-02-00	5.7	44.0	11.2	39.1	94.4	0.6	56.8	429	7
ROCK QUARRIES, LLC, MOUNTAIN GROVE, MO										
Stockpile #2										
Lab #1119	08-29-00	16.3*	43.7	6.6	33.4	88.4	11.2	48.3	0	0
Lab #1495	11-02-00	8.8	42.5	6.3	42.4	86.3	10.7	56.8	392	122
Lab #1583	11-22-00	11.7*	42.2	5.5	40.6	87.9	10.8	54.5	0	0
Lab #1646	11-29-00	12.9*	42.9	5.6	38.6	88.3	11.0	52.7	0	0
Lab #1683	12-11-00	13.2*	42.0	5.2	39.6	87.5	10.5	53.2	0	0
RUBLE ROCK & LIME INC, PIEDMONT, MO										
Stockpile #1										
Lab #0999	08-09-00	2.0	5.1	22.8	70.1	97.6	11.6	85.1	664	197
Lab #1225	09-12-00	0.8	5.4	22.9	70.9	93.8	11.1	86.0	645	191
Lab #1375	10-09-00	1.7	3.8	21.4	73.1	98.0	12.2	86.9	681	212
Lab #1508	11-08-00	3.3	6.2	24.8	65.7	101.5	12.0	82.1	667	197
S & A CONSTRUCTION LTD, ALLENDALE, MO										
Stockpile #2										
Lab #1166	09-06-00	2.4	40.3	8.2	49.1	66.2	1.5	64.1	339	19
SCHILDBERG CONST. CO.-BEDFORD Q., GREENFIELD, IA										
Stockpile #1										
Lab #0892	08-01-00	0.7	38.8	10.0	50.5	83.4	0.8	66.2	442	11
Lab #1162	09-07-00	0.8	42.0	10.7	46.5	84.6	0.6	63.4	429	8
SCHILDBERG CONST. CO.-GRAHAM MO Q, GREENFIELD, IA										
Stockpile #1										
Lab #0898	08-04-00	11.3*	46.5	8.2	34.0	89.1	0.6	50.5	0	0
Lab #1091	08-25-00	3.6	50.4	10.5	35.5	87.9	0.6	54.4	383	7
Lab #1258	09-19-00	6.6	41.1	15.8	36.5	87.7	0.7	56.3	395	8
Lab #1379	10-10-00	11.6*	46.9	8.1	33.4	89.0	0.6	50.0	0	0
Lab #1509	11-09-00	13.0*	45.9	7.1	34.0	87.8	0.6	49.7	0	0
Lab #1633	12-01-00	6.4	48.9	9.7	35.0	85.4	0.6	53.0	362	6
Lab #1695	12-14-00	9.7	45.5	8.1	36.7	85.2	0.6	52.9	361	6
Lab #1697	12-15-00	9.0	46.1	8.0	36.9	85.4	0.6	53.2	364	6
SCHILDBERG CONST. CO.-SHAMBAUGH Q, GREENFIELD, IA										
Stockpile #1										
Lab #0893	08-01-00	14.1*	47.6	7.6	30.7	86.7	0.9	47.2	0	0
Lab #1199	09-11-00	5.3	46.7	9.9	38.1	80.2	0.9	55.7	357	10
Lab #1632	11-30-00	3.2	46.3	11.1	39.4	83.4	0.9	57.6	385	10
Lab #1696	12-14-00	1.9	43.9	10.2	44.0	78.6	0.9	61.1	384	11
SCHILDBERG CONST. CO.-THURMAN, GREENFIELD, IA										
ROBERT SERVAES QUARRY & CONST, RUSHVILLE, MO										
Stockpile #1										
Lab #1200	09-12-00	4.2	44.5	8.9	42.4	76.2	1.2	58.9	359	14
SOUTHWEST QUARRY & MATERIAL INC, ROLLA, MO										
Stockpile #2										
Lab #0907	08-03-00	0.4	26.4	11.0	62.2	78.8	9.8	75.4	475	148
SOUTHDOWN, INC., COLUMBIA, MO										
Stockpile #1										
Lab #0930	08-07-00	2.7	45.4	9.7	42.2	93.4	4.6	59.4	444	55
Lab #1193	09-15-00	6.5	44.5	9.2	39.8	97.0	4.2	56.4	438	47
Lab #1323	10-05-00	3.0	53.2	9.3	34.5	95.3	3.8	53.4	407	41
Lab #1539	11-13-00	4.0	47.2	11.8	37.0	92.6	1.8	55.9	414	20

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
SPRINGFIELD UNDERGROUND, INC., SPRINGFIELD, MO										
Stockpile #1										
Lab #0877	08-01-00	0.1	4.3	8.7	86.9	99.5	0.1	93.2	742	2
Lab #1171	09-06-00	0.1	5.1	10.2	84.6	97.5	0.3	92.0	718	6
Lab #1367	10-09-00	0.1	5.7	10.8	83.4	97.9	0.3	91.3	715	5
Lab #1589	11-21-00	0.2	6.3	10.5	83.0	97.1	0.2	90.9	706	4
S-S-S INC, LOUISIANA, MO										
Stockpile #1										
Lab #0924	08-03-00	6.4	48.3	9.0	36.3	97.1	0.2	53.8	418	2
Lab #1142	09-05-00	5.1	49.7	10.9	34.3	96.5	0.2	53.3	411	2
Lab #1317	10-04-00	6.0	46.5	11.1	36.4	96.6	0.3	54.7	423	3
Lab #1525	11-03-00	4.4	46.1	9.5	40.0	96.4	0.4	57.2	441	5
STANPHILL STONE, PIERCE CITY, MO										
T & M STONE LLC, FAIR PLAY, MO										
Stockpile #1										
Lab #0990	08-08-00	0.1	41.2	18.1	40.6	97.8	0.1	61.8	483	1
Lab #1209	09-12-00	0.5	40.1	16.7	42.7	93.8	0.5	62.7	471	6
Lab #1480	10-30-00	0.1	33.5	18.4	48.0	95.0	0.2	67.4	512	3
Lab #1607	11-30-00	0.0	39.9	16.9	43.2	93.8	0.2	63.3	475	3
TAYLOR QUARRIES, LOCKWOOD, MO										
Stockpile #1										
Lab #1220	09-12-00	1.7	48.1	13.4	36.8	94.9	0.7	56.9	432	8
Lab #1392	10-19-00	4.6	47.0	11.5	36.9	94.7	0.9	55.6	421	10
TENNESSEE VALLEY RESOURCES, INC, JEFFERSON CITY, TN										
Stockpile #1										
Lab #0863	07-19-00	15.6*	41.5	7.8	35.1	59.8*	4.4	50.2	0	0
Stockpile #2										
Lab #1061	08-18-00	16.2*	40.7	8.3	34.8	68.7	4.9	50.0	0	0
TOWER ROCK STONE CO, SCOTT CITY, MO										
Stockpile #2										
Lab #0937	08-01-00	5.1	43.6	13.0	38.3	98.3	0.8	57.0	448	9
Lab #1465	11-02-00	5.5	36.1	11.6	46.8	97.2	1.2	62.8	488	15
TOWER ROCK STONE CO, STE GENEVIEVE, MO										
Stockpile #1										
Lab #0944	08-10-00	6.1	37.5	15.6	40.8	99.8	0.1	59.5	475	1
Stockpile #2										
Lab #0964	08-10-00	0.1	35.5	12.0	52.4	98.4	6.3	68.5	539	86
TRAGER LIMESTONE, CHILLICOTHE, MO										
Stockpile #1										
Lab #1032	08-16-00	0.1	49.2	9.4	41.3	76.0	1.2	59.2	360	14
Lab #1346	10-04-00	0.1	44.7	10.0	45.2	71.1	1.3	62.4	355	16
Lab #1563	11-15-00	0.1	48.4	10.7	40.8	82.7	0.6	59.3	392	7
TWIN LAKES QUARRIES INC, MOUNTAIN HOME, AR										
UNITED SUPPLIERS, ELDORA, IA										
VULCAN MATERIALS, JONESBORO, IL										
Stockpile #1										
Lab #1054	08-14-00	3.4	38.4	11.2	47.0	99.3	0.3	63.3	503	4
Lab #1551	11-13-00	2.1	34.2	12.5	51.2	98.3	0.4	67.3	529	5
WADE AG PRODUCTS-MAIN OFC, LACYGNE, KS										
Stockpile #1										
Lab #1022	08-16-00	7.8	45.1	8.3	38.8	86.5	1.1	55.1	381	12
Lab #1246	09-19-00	5.0	44.8	7.9	42.3	83.1	1.1	58.2	387	13
Lab #1414	10-17-00	8.8	44.9	8.8	37.5	88.5	1.0	54.0	382	11
Lab #1567	11-13-00	6.6	44.5	8.4	40.5	86.8	1.3	56.7	393	15
Stockpile #2										
Lab #1023	08-16-00	2.0	45.6	8.7	43.7	80.2	1.3	60.3	387	16
Lab #1247	09-19-00	2.8	19.0	4.0	74.2	78.1	1.3	81.4	508	21
Lab #1415	10-17-00	2.0	44.1	9.8	44.1	98.0	1.3	61.0	478	16
Lab #1568	11-13-00	1.9	44.9	9.2	44.0	78.6	1.3	60.7	382	16
WADE AG PRODUCTS Q BUTLER MO, LACYGNE, KS										

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 1

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Distributor	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
WADE AG PRODUCTS Q DREXEL, LACYGNE, KS										
Stockpile #1										
Lab #1024	08-16-00	4.5	48.7	8.8	38.0	78.9	1.3	55.5	350	14
Lab #1245	09-19-00	4.8	47.9	9.1	38.2	77.7	1.3	55.6	346	14
Lab #1352	10-11-00	5.0	49.0	7.8	38.2	77.1	1.3	55.1	340	14
Lab #1569	11-13-00	5.6	47.4	6.8	40.2	76.6	1.4	56.1	344	16
WADE AG PRODUCTS Q PLEASANTON, LACYGNE, KS										
Stockpile #1										
Lab #1019	08-16-00	2.2	46.1	9.4	42.3	88.7	0.5	59.5	422	6
Lab #1276	09-25-00	1.6	45.9	10.8	41.7	83.2	1.0	59.7	397	12
Lab #1413	10-17-00	1.4	45.6	10.6	42.4	96.9	0.3	60.2	466	4
FRED WEBER INC.-AUBURN QUARRY, ELSBERRY, MO										
FRED WEBER, INC - FOLEY QUARRY, FOLEY, MO										
Stockpile #1										
Lab #1355	10-09-00	7.6	54.0	7.1	31.3	92.0	2.6	49.1	361	26
Stockpile #2										
Lab #0966	08-11-00	8.3	53.7	7.5	30.5	93.2	2.7	48.4	361	26
Lab #1149	09-07-00	8.6	54.4	7.4	29.6	93.1	2.7	47.6	355	26
Lab #1471	11-02-00	9.1	52.4	7.2	31.3	92.8	2.7	48.7	362	26
FRED WEBER INC-NORTH QUARRY, MARYLAND HEIGHTS, MO										
FRED WEBER, INC. - TROY QUARRY, TROY, MO										
WEST LIMESTONE QUARRY, ARCADIA, MO										
Stockpile #2										
Lab #0963	08-10-00	3.3	48.7	12.9	35.1	97.0	11.6	55.0	427	128

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 2

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Dealer and Producer	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
AG DISTRIBUTORS, CATRON, MO										
VULCAN MATERIALS, JONESBORO, IL										
Lab #0996	08-07-00	3.0	36.0	11.5	49.5	99.9	0.4	65.4	523	5
AGRI SERVICES OF LEBANON, LEBANON, MO										
CONCO QUARRIES INC Q US 160, WILLARD, MO										
Lab #1017	08-14-00	0.0	10.0	15.2	74.8	97.8	0.2	86.4	676	3
BACKES & TOLKE, NEW HAVEN, MO										
FRED WEBER INC-NORTH QUARRY, MARYLAND HEIGHTS, MO										
Lab #0952	08-11-00	4.7	12.9	3.8	78.6	90.9	2.0	84.1	612	34
BOLIVAR FARMERS EXCHANGE, BOLIVAR, MO										
CONCO QUARRIES INC Q US 160, WILLARD, MO										
Lab #1079	08-21-00	0.3	10.9	14.0	74.8	98.4	0.3	85.9	676	5
BOOTHEEL LIMESTONE, KENNETT, MO										
RUBLE ROCK & LIME INC, PIEDMONT, MO										
Lab #1059	08-17-00	1.8	22.1	20.8	55.3	87.5	10.8	73.3	513	158
BOOTHEEL LIMESTONE - SENATH, KENNETT, MO										
RUBLE ROCK & LIME INC, PIEDMONT, MO										
Lab #1060	08-17-00	3.0	10.8	29.1	57.1	100.6	12.5	77.3	622	193
C.T.L. FARM SERVICE INC., BETHANY, MO										
MK MINERALS INC., ST. GEORGE, KS										
Lab #1561	11-14-00	0.1	0.2	0.7	99.0	85.9	0.8	99.5	684	16
CARL BUCK, CONWAY, MO										
CONCO QUARRIES INC Q US 160, WILLARD, MO										
Lab #1016	08-14-00	0.1	16.3	14.4	69.2	98.5	0.3	81.9	645	5
CENTRAL MISSOURI AGRISERVICE LLC, SLATER, MO										
BLUFF CITY MINERALS CO., ALTON, IL										
Lab #1399	10-20-00	3.4	15.0	3.4	78.2	89.8	0.9	84.0	603	15
MID-MISSOURI COOP, CONCORDIA, MO										
LAFARGE QUARRY, SEDALIA, MO										
Lab #1012	08-14-00	7.8	37.2	10.0	45.0	72.1	0.7	60.3	348	8
DELTA GROWERS ASSN-EAST PRAIRIE, CHARLESTON, MO										
VULCAN MATERIALS, JONESBORO, IL										
Lab #1055	08-14-00	4.0	36.7	12.1	47.2	99.2	0.3	63.6	505	4
EAKIN LIME SERVICE, BELL CITY, MO										
VULCAN MATERIALS, JONESBORO, IL										
Lab #1424	10-18-00	2.8	34.1	11.6	51.5	98.8	0.4	67.0	529	5
EXCEL MILLING INC., SYRACUSE, MO										
BLUFF CITY MINERALS CO., ALTON, IL										
Lab #1333	10-03-00	0.2	2.1	3.3	94.4	86.5	3.3	96.9	671	64
FOWLER ELEVATOR INC, NEWTOWN, MO										
KELLY LIME & ROCK, LA PLATA, MO										
Lab #1634	11-21-00	3.6	13.3	3.5	79.6	88.7	1.3	85.0	603	22
GIBSON LIME CO-DEXTER, DEXTER, MO										
VULCAN MATERIALS, JONESBORO, IL										
Lab #0933	07-31-00	2.8	37.7	12.8	46.7	99.2	0.5	63.8	506	6
HAWK FERTILIZER, BOLIVAR, MO										
CONCO QUARRIES INC Q US 160, WILLARD, MO										
Lab #1080	08-21-00	0.1	11.3	15.6	73.0	98.7	0.2	85.2	673	3
HEIMSOOTH AG SERVICE, CORDER, MO										
HALL & RILEY QUARRIES & CONST CO, MARSHALL, MO										
Lab #1300	09-26-00	7.2	49.2	7.5	36.1	85.8	4.3	52.9	363	45
LOUIS HERZTING JR, FREEBURG, MO										
LEAD BELT MATERIALS CO INC, FLAT RIVER, MO										
Lab #0906	08-03-00	0.1	2.9	6.7	90.3	90.6	11.0	95.0	689	209
HOFFMAN & REED INC, TRENTON, MO										
MK MINERALS INC., ST. GEORGE, KS										
Lab #1554	11-08-00	3.3	10.7	3.8	82.2	84.2	1.0	87.2	587	17
JAMES AGRI-CENTER INC, NEELYVILLE, MO										
RUBLE ROCK & LIME INC, PIEDMONT, MO										
Lab #1226	09-14-00	0.2	4.3	23.3	72.2	97.3	11.6	87.3	679	202

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 2

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Dealer and Producer	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
STANLEY JOST, OWENSVILLE, MO										
MISSOURI LIME AND MATERIAL CO., INC, EUREKA, MO										
Lab #0955	08-08-00	1.1	41.5	12.7	44.7	96.6	2.3	62.7	485	29
KABLE (CLIFFORD), THOMPSON, MO										
AUXVASSE STONE & GRAVEL CO, AUXVASSE, MO										
Lab #0928	08-07-00	0.9	37.0	10.7	51.4	96.8	6.5	67.1	519	87
KELLY LIME & ROCK, LA PLATA, MO										
KELLY LIME & ROCK CO., INC., KIRKSVILLE, MO										
Lab #0899	07-31-00	6.3	40.1	9.0	44.6	90.6	1.3	60.0	435	16
KEN MO AG CENTER, KENNETT, MO										
RUBLE ROCK & LIME INC, PIEDMONT, MO										
Lab #1429	10-25-00	5.4	10.5	24.4	59.7	99.9	12.5	77.0	615	192
KINDER PLANT FOOD, LICKING, MO										
LEAD BELT MATERIALS CO INC, FLAT RIVER, MO										
Lab #1077	08-23-00	0.2	6.7	14.2	78.9	91.9	10.8	89.1	655	192
AGRI ENTERPRISES, LICKING, MO										
SPRINGFIELD UNDERGROUND, INC., SPRINGFIELD, MO										
Lab #1076	08-23-00	0.1	4.3	8.1	87.5	98.5	0.2	93.4	736	4
JERRY LINHART, FAYETTE, MO										
SOUTHDOWN, INC., COLUMBIA, MO										
Lab #0866	07-31-00	5.0	47.4	11.1	36.5	87.8	0.2	55.0	386	2
LINNEMAN LIME & FERT, SALISBURY, MO										
NORRIS AGGREGATE PRODUCTS CO - WEST, MOBERLY, MO										
Lab #1105	08-30-00	3.9	49.2	11.4	35.5	86.3	1.0	54.6	377	11
MFA AGRI SERVICE, KIRKSVILLE, MO										
KELLY LIME & ROCK CO., INC., KIRKSVILLE, MO										
Lab #1155	08-29-00	2.6	10.9	4.2	82.3	89.6	1.3	87.5	628	23
MFA EXCHANGE, CHAMOI, MO										
MERTENS CONST CO-AUXVASSE, KINGDOM CITY, MO										
Lab #1053	08-18-00	6.0	52.9	9.5	31.6	94.1	0.7	50.5	380	7
MFA EXCHANGE, META, MO										
MUENKS BROS. QUARRY, LOOSE CREEK, MO										
Lab #0903	08-02-00	5.1	42.3	7.8	44.8	90.5	11.0	60.1	435	132
MFA AGRI SERVICES, ADVANCE, MO										
RUBLE ROCK & LIME INC, PIEDMONT, MO										
Lab #1264	09-19-00	2.4	6.6	22.6	68.4	96.0	12.0	83.6	642	201
MFA AGRI SERVICE, ALBANY, MO										
MK MINERALS INC., ST. GEORGE, KS										
Lab #1165	09-06-00	0.2	0.1	1.2	98.5	80.1	1.2	99.2	636	24
MFA AGRI SERVICE, BETHANY, MO										
AMPEL, INC.-HARVEY IOWA PLANT, DES MOINES, IA										
Lab #1559	11-14-00	0.3	0.2	1.0	98.5	82.1	0.9	99.2	651	18
MFA AGRI SERVICE, BROWNING, MO										
KELLY LIME & ROCK CO., INC., KIRKSVILLE, MO										
Lab #1390	10-18-00	3.3	15.4	3.1	78.2	89.6	1.4	83.9	601	23
MFA AGRI SERVICE, HIGGINSVILLE, MO										
BLUFF CITY MINERALS CO., ALTON, IL										
Lab #1682	12-14-00	0.2	2.9	3.9	93.0	88.9	2.5	96.1	683	48
MFA AGRI SERVICE, LANCASTER, MO										
KELLY LIME & ROCK CO., INC., KIRKSVILLE, MO										
Lab #1305	09-27-00	3.8	12.2	3.6	80.4	93.4	1.3	85.6	640	22
MFA AGRI SERVICE, LEXINGTON, MO										
BLUFF CITY MINERALS CO., ALTON, IL										
Lab #1015	08-16-00	0.3	2.2	4.1	93.4	90.0	2.0	96.4	694	39
MFA AGRI SERVICE, MACON, MO										
KELLY LIME & ROCK CO., INC., KIRKSVILLE, MO										
Lab #0900	08-03-00	2.9	10.9	2.8	83.4	90.4	1.7	87.8	635	30
MFA AGRI SERVICE, MILAN, MO										
KELLY LIME & ROCK CO., INC., KIRKSVILLE, MO										
Lab #1518	11-02-00	3.8	17.1	3.6	75.5	91.3	0.7	81.9	598	11

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 2

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Dealer and Producer	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
MFA AGRI SERVICE, MOBERLY, MO KELLY LIME & ROCK CO., INC., KIRKSVILLE, MO	Lab #0978 08-04-00	3.3	10.9	5.0	80.8	90.6	0.9	86.5	627	16
MFA AGRI SERVICE, OWENSVILLE, MO LEAD BELT MATERIALS CO INC, FLAT RIVER, MO	Lab #0954 08-08-00	3.1	36.1	17.0	43.8	100.3	11.7	63.0	506	147
MFA AGRI SERVICE, ST CLAIR, MO MISSOURI LIME AND MATERIAL CO., INC, EUREKA, MO	Lab #0949 08-10-00	0.7	40.1	12.7	46.5	97.3	2.5	64.1	499	32
MFA EXCHANGE, SALEM, MO RUBLE ROCK & LIME INC, PIEDMONT, MO	Lab #0958 08-09-00	7.4	13.7	25.6	53.3	101.6	12.4	72.1	586	179
MFA AGRI SERVICE, SALISBURY, MO KELLY LIME & ROCK CO., INC., KIRKSVILLE, MO	Lab #1427 10-23-00	4.7	14.2	3.5	77.6	90.7	0.8	83.3	604	13
MFA AGRI SERVICE, TRENTON, MO MK MINERALS INC., ST. GEORGE, KS	Lab #1657 12-06-00	0.3	0.0	0.8	98.9	78.3	1.1	99.4	623	22
MFA AGRI SERVICE, UNIONVILLE, MO AMPEL, INC.-HARVEY IOWA PLANT, DES MOINES, IA	Lab #0979 08-07-00	1.9	11.4	9.2	77.5	84.7	2.0	85.9	582	34
MALDEN LIME CO, MALDEN, MO RUBLE ROCK & LIME INC, PIEDMONT, MO	Lab #1227 09-15-00	4.4	8.8	22.6	64.2	98.5	11.7	80.0	630	187
MID-MISSOURI COOP, CONCORDIA, MO LAFARGE QUARRY, SEDALIA, MO	Lab #1500 11-02-00	7.4	48.0	8.5	36.1	88.8	2.4	53.2	378	26
MISSOURI LIME & MATERIALS CO, PEVELY, MO BUSSEN QUARRIES INC-EUREKA/ANTIRE, EUREKA, MO	Lab #0947 08-10-00	0.9	38.6	12.2	48.3	95.5	2.9	65.3	499	38
MYRTLE FERTILIZER INC., MYRTLE, MO BLUFF CITY MINERALS CO., ALTON, IL	Lab #1134 09-07-00	0.2	1.5	3.5	94.8	87.7	2.3	97.3	682	45
NODAWAY HOLT FERTILIZER, SKIDMORE, MO MK MINERALS INC., ST. GEORGE, KS	Lab #1161 09-07-00	0.1	0.1	1.1	98.7	81.6	1.1	99.4	649	22
LEO O'LAUGHLIN, MACON, MO LEO O'LAUGHLIN INC, SHELBYNA, MO	Lab #0901 08-03-00	3.6	36.3	10.4	49.7	88.4	1.2	65.0	460	16
LEO O'LAUGHLIN INC, MARCELINE, MO CENTRAL STONE COMPANY - HUNTINGTON, HANNIBAL, MO	Lab #1153 08-25-00	0.2	27.6	13.2	59.0	89.9	0.7	73.8	531	10
OLD MILL GRAIN & SEED, HARRISONVILLE, MO MK MINERALS INC., ST. GEORGE, KS	Lab #0984 08-07-00	0.1	0.1	0.8	99.0	81.3	1.2	99.5	647	24
PHILLIPS TRUCKING, ROTHVILLE, MO GLASGOW QUARRIES INC, GLASGOW, MO	Lab #1301 09-26-00	5.7	36.4	8.5	49.4	89.0	6.4	63.6	453	81
PRAIRIE VU INC, BETHANY, MO MK MINERALS INC., ST. GEORGE, KS	Lab #1084 08-22-00	0.0	0.1	1.0	98.9	83.1	1.1	99.5	662	22
RAY CARROLL CO-CARROLLTON, RICHMOND, MO MK MINERALS INC., ST. GEORGE, KS	Lab #1499 11-01-00	4.1	2.0	1.7	92.2	88.7	0.4	93.7	665	7
REIDLINGER LIME & GRAVEL, CONCEPTION JUNCTION, MO IDEKER INC. - NEW POINT QUARRY, ST JOSEPH, MO	Lab #1004 08-07-00	0.5	44.8	10.4	44.3	89.1	0.6	61.7	440	7
RICHLAND PLANT FOODS, RICHLAND, MO CONCO QUARRIES INC Q US 160, WILLARD, MO	Lab #0905 08-02-00	0.0	9.4	13.6	77.0	96.7	0.3	87.5	677	5

\* Does not meet minimum specification for Agricultural Liming Material.

TABLE 2

## AGRICULTURAL LIMING MATERIALS SAMPLED FROM

JULY 1 THROUGH DECEMBER 31, 2000

Dealer and Producer	Date Sampled	U.S. Sieve Fraction, %				%CCE	%Mg	Fineness Factor	Pounds/Ton	
		+8	-8+40	-40+60	-60				ENM	EMg
RIVERSIDE AG SERVICE INC., RIDGEWAY, MO										
MK MINERALS INC., ST. GEORGE, KS										
Lab #1086	08-22-00	0.1	0.1	1.2	98.6	84.2	0.8	99.3	669	16
SCHAEFERKOETTER STORE, MT STERLING, MO										
MID-MISSOURI LIMESTONE INC-MBQ, KINGDOM CITY, MO										
Lab #1051	08-17-00	5.9	48.4	12.7	33.0	92.2	0.3	52.7	389	3
S & N SCHMIDT, LESLIE, MO										
MISSOURI LIME AND MATERIAL CO., INC, EUREKA, MO										
Lab #0950	08-11-00	1.1	40.8	13.7	44.4	97.2	2.3	62.8	488	29
S & S BEGGS LIME SERVICE-JACKSON, JACKSON, MO										
VULCAN MATERIALS, JONESBORO, IL										
Lab #0940	08-02-00	2.9	37.9	13.3	45.9	99.8	0.4	63.4	506	5
SEHLKE TRUCK SERVICE, KEYTESVILLE, MO										
SEHLKE TRUCK SERVICE, KEYTESVILLE, MO										
Lab #1230	09-18-00	5.4	48.6	10.8	35.2	88.0	0.8	53.8	379	9
SOUTHEAST COOP SERVICE, PUXICO, MO										
RUBLE ROCK & LIME INC, PIEDMONT, MO										
Lab #0941	08-04-00	6.4	13.3	23.9	56.4	100.8	11.7	74.1	597	173
JOE SPALDING, BENTON, MO										
RUBLE ROCK & LIME INC, PIEDMONT, MO										
Lab #0935	08-01-00	6.4	16.1	25.4	52.1	102.6	11.7	71.4	586	167
SPRINGFIELD AGGREGATES SUPPLY, NIXA, MO										
CONCO QUARRIES INC Q US 160, WILLARD, MO										
Lab #1368	10-09-00	0.1	7.9	13.4	78.6	98.8	0.2	88.6	700	4
SUR-GRO PLANT FOOD, FOREST CITY, MO										
MK MINERALS INC., ST. GEORGE, KS										
Lab #1065	08-16-00	0.0	0.2	0.8	99.0	82.1	1.1	99.5	654	22
VEULEMANS ELEVATOR, OTTERVILLE, MO										
FISHER QUARRY, HUGHESVILLE, MO										
Lab #1547	11-15-00	7.5	46.0	10.1	36.4	96.9	1.3	54.0	418	14
WEST CENTRAL AGRISERVICE, CENTERVIEW, MO										
MK MINERALS INC., ST. GEORGE, KS										
Lab #0973	08-10-00	0.3	0.2	0.7	98.8	81.1	1.1	99.3	644	22
WEST LIME & FERTILIZER, STEELVILLE, MO										
LEAD BELT MATERIALS CO INC, FLAT RIVER, MO										
Lab #0957	08-08-00	0.3	12.7	21.4	65.6	91.1	10.5	81.6	595	171
WETHINGTON LIME SERVICE, BLOOMFIELD, MO										
RUBLE ROCK & LIME INC, PIEDMONT, MO										
Lab #0934	07-31-00	4.6	12.4	25.1	57.9	102.0	11.6	76.1	621	176
WHIPPLE, H.L. LIME HAULING, LEBANON, MO										
CONCO QUARRIES INC Q US 160, WILLARD, MO										
Lab #1018	08-14-00	0.1	10.5	13.5	75.9	98.4	0.3	86.6	682	5
WOODY BOGLER LIME-ROSEBUD, ROSEBUD, MO										
MID-MISSOURI LIMESTONE INC-MBQ, KINGDOM CITY, MO										
Lab #1052	08-17-00	7.2	49.5	11.8	31.5	90.6	0.3	51.0	369	3
WORTHINGTON AG SERVICE, WORTHINGTON, MO										
KELLY LIME & ROCK CO., INC., KIRKSVILLE, MO										
Lab #1369	10-12-00	2.9	11.6	2.9	82.6	89.6	1.5	87.2	625	26
ZWEERINK-AGRI SERVICES, CROCKER, MO										
CONCO QUARRIES INC Q US 160, WILLARD, MO										
Lab #1093	08-22-00	0.0	11.1	14.2	74.7	97.7	0.2	86.0	672	3

\* Does not meet minimum specification for Agricultural Liming Material.





Agricultural Experiment Station  
University of Missouri-Columbia

Office of the Director  
Agricultural Liming Materials  
Control Service

3600 E. New Haven Rd.  
Columbia, MO 65211

PHONE (573) 882-4891  
(573) 882-3891

TO: AG LIMING MATERIALS PRODUCERS AND DISTRIBUTORS

SUBJECT: PRODUCER PERMITS TO SELL AG LIMING MATERIALS  
IN MISSOURI FOR FISCAL YEAR 2000-01.

The following producers have been issued permits to sell ag liming materials in Missouri for the fiscal year ending June 30, 2001. You will be notified when additional permits are issued.

Sales to other registered producers are exempt from inspection fee, but must be reported as a sales transaction semi-annually.

The last producer selling agricultural liming materials to a non-producer is responsible for paying the tonnage inspection fee to the Director of the Missouri Agricultural Experiment Station, Columbia, Missouri (Missouri Agricultural Liming Materials Law 266.500 to 266.550).

0010	76 QUARRY	1726 QUARRY ROAD	MANSFIELD, MO 65704
0020	ALBY QUARRY	P.O. BOX 206	CARLINVILLE, IL 62626
0040	ALLEN QUARRIES INC	PO BOX A	LOCKWOOD, MO 65682
0050	AMPEL, INC.-HARVEY IOWA PLANT	P.O. BOX 3628	DES MOINES, IA 50322
0060	AMPEL, INC.-WEEPING WATER NE PLANT	P.O. BOX 3628	DES MOINES, IA 50322
0065	APAC-MISSOURI, INC. - BOONVILLE	PO BOX 1117	COLUMBIA, MO 65205
0070	APAC-MISSOURI, INC.	P.O. BOX 1117	COLUMBIA, MO 65205-1117
0080	APAC-MISSOURI, INC. - LINN CREEK	ROUTE 1 BOX 104	LINN CREEK, MO 65052
0090	APAC-MISSOURI, INC. - COLUMBIA	P.O. BOX 1117, 6791 HWY VV	COLUMBIA, MO 65205-1117
0095	APAC-MISSOURI, INC. - MARSHALL	PO BOX 1117	COLUMBIA, MO 65205
0100	APAC MO INC CENTRAL COMPANIES DYL	PO BOX 909	OSAGE BEACH, MO 65065
0110	APAC MISSOURI CENTRAL COMPANIES	PO BOX 909	OSAGE BEACH, MO 65065
0120	APAC-MISSOURI INC. - ROARK CREEK	PO BOX 1117	COLUMBIA, MO 65205-1117
0130	ARKANSAS LIME COMPANY, INC.	P O BOX 2356	BATESVILLE, AR 72503
0140	ASC MINERALS PROCESSING	1 YATES STREET - BOX 157	ALLERTON, IL 61810
0160	ASH GROVE AGGREGATES INC-APPLETON	HWY 52 WEST-BOX 70	BUTLER, MO 64730
0170	ASH GROVE AGGREGATES INC-BUTLER	HWY 52 WEST-BOX 70	BUTLER, MO 64730
0180	ASH GROVE AGGREGATES INC-RICHHILL	HWY 52 WEST-BOX 70	BUTLER, MO 64730
0190	ASH GROVE AGGREGATES INC-LACYGNE	HWY 52 WEST-BOX 70	BUTLER, MO 64730
0200	ASH GROVE AGGREGATES INC-MARSHFIELD	HWY 52 WEST-BOX 70	BUTLER, MO 64730
0210	ASH GROVE AGGREGATES INC-MONTEVALLO	HWY 52 WEST-BOX 70	BUTLER, MO 64730
0220	ASH GROVE AGGREGATES INC-OSCEOLA	HWY 52 WEST-BOX 70	BUTLER, MO 64730
0230	ASH GROVE AGGREGATES INC-FT SCOTT	HWY 52 WEST-BOX 70	BUTLER, MO 64730
0240	ASH GROVE AGGREGATES INC.-STOCKTON	HWY 52 WEST-BOX 70	BUTLER, MO 64730
0250	ASH GROVE AGGREGATES INC-WHEATLAND	HWY 52 WEST-BOX 70	BUTLER, MO 64730
0260	ASH GROVE AGGREGATES INC-FT SCOTT E	HWY 52 WEST-BOX 70	BUTLER, MO 64730
0270	ASH GROVE AGGREGATES INC-BOLIVAR	HWY 52 WEST-BOX 70	BUTLER, MO 64730
0290	ASH GROVE AGGREGATES INC-BUFFALO	HWY 52 WEST-BOX 70	BUTLER, MO 64730
0300	ASHGROVE CEMENT COMPANY	3825 S. LONE PINE	SPRINGFIELD, MO 65804
0310	AUXVASSE STONE & GRAVEL CO	P O BOX 128	AUXVASSE, MO 65231
0330	BAILEY QUARRIES INC-CHESAPEAKE Q.	22699 HWY 174	MT VERNON, MO 65712
0350	BAILEY QUARRIES INC-JANE	ROUTE #1-BOX 1043	JANE, MO 64856
0360	BAILEY QUARRIES, INC.-MADRY QUARRY	RT. #1 BOX 96AA	VERONA, MO 65769

0370	BAILEY QUARRIES INC.-SPENCER	18689 LAWRENCE 2059	MILLER, MO 65705
0380	BAILEY QUARRIES INC-STOCKTON	ROUTE 4-BOX 29-B	STOCKTON, MO 65785
0390	BARBER & SONS AGGREGATES	11400 S 7 HWY	LEE'S SUMMIT, MO 64063
0395	BASE ROCK MINERALS	21471 HWY 32	STE GENEVIEVE, MO 63670
0400	BENTLEY TRUCKING, INC.	504 SHAMROCK	CLARENCE, MO 63437
0410	BEYER CRUSHED ROCK COMPANY	4600 EAST STATE ROUTE Y	CLEVELAND, MO 64734
0420	BLEVINS ASPHALT CO	P O BOX 230	MT VERNON, MO 65712
0430	BLUFF CITY MINERALS CO.	P.O. BOX 2247	ALTON, IL 62002
0440	BOONE QUARRIES INC	2604 N. STADIUM BLVD.	COLUMBIA, MO 65202
0450	BUSSEN QUARRIES INC-EUREKA/ANTIRE	6800 BUSSEN RD	EUREKA, MO 63025
0460	CALCIUM PRODUCTS, INC.	P.O. BOX 281	GILMORE CITY, IA 50541
0470	CAPITAL QUARRIES INC-HOLTS SUMMIT 1	PO BOX 534	JEFFERSON CITY, MO 65109
0480	CAPITAL QUARRIES, INC-STADIUM WEST	822 W STADIUM BLVD. PO BOX 534	JEFFERSON CITY, MO 65109
0490	CAPITAL QUARRIES INC-ROLLA Q #4	822 W STADIUM BLVD, PO BOX 534	JEFFERSON CITY, MO 65109
0500	CAPITAL QUARRIES CO. INC-HWY Y	822 W STADIUM BLVD, PO BOX 534	JEFFERSON CITY, MO 65109
0510	CAPITAL QUARRIES INC-CALIFORNIA Q#5	822 W STADIUM BLVD, PO BOX 534	JEFFERSON CITY, MO 65109
0520	CAPITAL QUARRIES CO., INC-LINN	822 W STADIUM BLVD, PO BOX 534	JEFFERSON CITY, MO 65109
0530	CAPITAL QUARRIES INC-HWY 63 N Q #10	PO BOX 534	JEFFERSON CITY, MO 65109
0540	CAPITAL QUARRIES INC-SULLIVAN	P.O. BOX 534	JEFFERSON CITY, MO 65109
0550	CARROLL COUNTY STONE, INC.	PO BOX 169	BERRYVILLE, AR 72616-0169
0560	CARTHAGE CRUSHED LIMESTONE	1331 CIVIL WAR ROAD, P.O. BOX 718	CARTHAGE, MO 64836
0570	CENTRAL STONE COMPANY - HUNTINGTON	46445 SWEETBAY LANE	HANNIBAL, MO 63401
0580	CENTRAL STONE COMPANY - BETHEL	BOX 77	BETHEL, MO 63434-0077
0585	CENTRAL STONE CO - FORT BELLE	14200 LEWIS & CLARK	FLORISSANT, MO 63034
0590	CENTRAL STONE COMPANY - GREENSBURG	46445 SWEETBAY LANE	HANNIBAL, MO 63401-7211
0600	CENTRAL STONE COMPANY - PARIS	16527 HWY 15	PARIS, MO 65275
0610	CENTRAL STONE COMPANY - NEW LONDON	56741 QUARRY LANE	NEW LONDON, MO 63459-2418
0620	CENTRAL STONE COMPANY - CURRYVILLE	15435 PIKE 27	CURRYVILLE, MO 63339-2114
0630	CENTRAL STONE COMPANY - PERRY	46445 SWEETBAY LANE	HANNIBAL, MO 63401-7211
0640	CENTRAL STONE COMPANY - EWING	RR2 BOX 29 A	EWING, MO 63440
0650	CENTRAL STONE COMPANY - TAYLOR	7040 COUNTY RD 344	TAYLOR, MO 63471-0095
0660	CLEVER STONE CO	1075 WISE HILL RD	CLEVER, MO 65631
0680	COLONIAL LIMESTONE INC-PRINCETON	370 N STATE ST.	MILAN, MO 63556
0700	CONCO QUARRIES INC Q US 160	P.O. BOX 172	WILLARD, MO 65781
0710	COUNTY LINE QUARRY	58 BETHEL CHURCH RD	WELLSVILLE, MO 63384
0720	CRAWFORD LIME & MATERIAL CO	63 WEBER RD	CUBA, MO 65453
0730	CRIDER BROTHERS LIME CO	PO BOX 35	EMINENCE, MO 65466
0740	CRIDER BROS LIME CO. INC.-VAN BUREN	P.O. BOX 35	EMINENCE, MO 65466
0750	DOSS & HARPER STONE CO.	PO BOX 126	HOUSTON, MO 65483
0760	DOSS & HARPER STONE CO	P O BOX 888	WEST PLAINS, MO 65775
0770	EVERETT QUARRIES #1-LATHROP	PO BOX 276	PLATTSBURG, MO 64477
0780	EVERETT QUARRIES #6-KING	PO BOX 276	PLATTSBURG, MO 64477
0790	EVERETT QUARRIES #53-CAMERON	PO BOX 276	PLATTSBURG, MO 64477
0800	EVERETT QUARRIES #54-GOWER	PO BOX 276	PLATTSBURG, MO 64477
0810	EVERETT QUARRIES #57	PO BOX 276	PLATTSBURG, MO 64477
0820	EVERETT QUARRIES #59-STANBERRY	P.O. BOX 276	PLATTSBURG, MO 64477
0830	FALL VALLEY STONE, INC.	P.O. BOX 287	MT VERNON, MO 65712
0840	FISHER QUARRY	21427 MITTELHAUSER RD	HUGHESVILLE, MO 65334
0850	FULLERTON STONE COMPANY INC	P O BOX 20	GRANBY, MO 64844-0020
0860	GABEL STONE COMPANY INC.	2092 COUNTY RD 5900	WILLOW SPRINGS, MO 65793
0870	GLASGOW QUARRIES INC	821 CO RD 317	GLASGOW, MO 65254
0880	GLASGOW QUARRIES-GILLIAM	ROUTE 1-BOX 107	GILLIAM, MO 65330
0890	GLASGOW QUARRIES - MARCELINE	ROUTE 2	MARCELINE, MO 64658
0970	HART LIME STONE	P O BOX 942	FARMINGTON, MO 63640
0980	HILTY QUARRIES, INC. - QUARLES	PO BOX 407	CLINTON, MO 64735
0990	HILTY QUARRIES, INC. - MONTROSE	PO BOX 407	CLINTON, MO 64735
0995	HILTY QUARRIES, INC. - MT. ZION	PO BOX 407	CLINTON, MO 64735
1000	HILTY QUARRIES, INC- SOUTH-DELL JCT	PO BOX 407	CLINTON, MO 64735
1010	HILTY QUARRIES, INC - TIGHTWAD	PO BOX 407	CLINTON, MO 64735
1020	HILTY QUARRIES, INC. - URICH	PO BOX 407	CLINTON, MO 64735
1030	HILTY QUARRIES INC.-WARRENSBURG	P.O. BOX 407	CLINTON, MO 64735
1035	HUNT MIDWEST MINING-BLUE MOUND	24072 HWY Z	DAWN, MO 64638
1050	HUNT MIDWEST MINING, INC.-TRENTON	585 NW QUARRY ST	EDINBURG, MO 64683
1054	HUNT MIDWEST MINING - EE QUARRY	9596 EE HWY	RICHMOND, MO 64085
1055	HUNT MIDWEST MINING - HWY 10 QUARRY	35932 HWY 10	RAYVILLE, MO 64084
1065	HUNT MIDWEST QUARRY - STET QUARRY	46134 HWY K	RICHMOND, MO 64085
1070	HUNT MIDWEST MINING, INC.-MVILLE	8300 NE UNDERGROUND DR	KANSAS CITY, MO 64161
1090	HUTCHENS CONSTRUCTION-PURDY	600 MILL STREET-BOX 485	CASSVILLE, MO 65625
1100	HUTCHENS CONSTRUCTION-EAGLE ROCK	600 MILL STREET-BOX 485	CASSVILLE, MO 65625
1110	HUTCHENS CONSTRUCTION-WASHBURN	600 MILL STREET	CASSVILLE, MO 65625
1120	IDEKER INC. - NEW POINT QUARRY	4614 SOUTH 4TH-BOX 7140	ST JOSEPH, MO 64507

1130 IDEKER INC. - AMAZONIA	PO BOX 7140	ST JOSEPH, MO 64503
1160 INLAND RIVERS AGGREGATE CO	19114 INGERSOLL LN	NEOSHO, MO 64850
1190 IOWA LIMESTONE CO-WEeping WATER NE	36320 FLETCHER AVE	WEeping WATER, NE 68463
1200 IOWA MINERAL PROCESSING, INC.	780 RIVER ROAD-P.O. BOX 33	ALDEN, IA 50006
1210 JENKINS QUARRY	601 WEST 14TH ST	CASSVILLE, MO 65625
1225 LEO JOURNAGAN CONST CO-GAINESVILLE	3003 E CHESTNUT EXPWY, STE 1200	SPRINGFIELD, MO 65802
1230 LEO JOURNAGAN CONST CO-HOLLISTER SO	3003 E. CHESTNUT SUITE 1200	SPRINGFIELD, MO 64802
1250 LEO JOURNAGAN CONST CO INC-OZARK	3003 E CHESTNUT EXPRESSWAY	SPRINGFIELD, MO 65802
1260 LEO JOURNAGAN CONST CO INC-AVA	3003 EAST CHESTNUT EXPY	SPRINGFIELD, MO 65802
1270 LEO JOURNAGAN CONST. - SHELL KNOB	PO BOX 468	SHELL KNOB, MO 65747
1280 JOPLIN STONE CO Q DUENWEG	4378 COUNTY RD 190	JOPLIN, MO 64801
1290 KELLY LIME & ROCK CO., INC.	PO BOX 725	KIRKSVILLE, MO 63501
1300 KELLEY QUARRY	19695 N HWY 133	CROCKER, MO 65452
1310 KERFORD LIMESTONE CO	PO BOX 449	WEeping WATER, NE 68463
1320 KEYSTONE QUARRY	435 SE 13 HWY	WARRENSBURG, MO 64093
1340 KNOX COUNTY STONE CO	PO BOX 39	EDINA, MO 63537-0039
1370 L & W QUARRIES INC.	P.O. BOX 48	KAHOKA, MO 63445
1390 LAFARGE CORPORATION	22600 SNOW ROAD, P.O. BOX 1232	SEDALIA, MO 65302-1232
1400 LAFARGE CORPORATION	P.O. BOX 1232	SEDALIA, MO 65302-1232
1410 LAFARGE CONSTRUCTION MATERIALS	2115 S. RIVER RD	ST CHARLES, MO 63303
1420 LAFARGE CONSTRUCTION MATERIALS	18259 QUARRY ROAD	WARRENTON, MO 63383
1430 LEAD BELT MATERIALS CO INC	PO BOX 607	FLAT RIVER, MO 63601
1440 LILE QUARRY INC.	2868 N. FR 231	STRAFFORD, MO 65757
1450 LIMPUS QUARRIES, INC. (BATES CITY)	1317 HWY Z	BATES CITY, MO 64011
1460 LIMPUS QUARRIES, INC. (GARDEN CITY)	PO BOX 40	HARRISONVILLE, MO 64701-0040
1470 LIMPUS QUARRIES, INC. (GALLATIN)	P.O. BOX 40	HARRISONVILLE, MO 64701-0040
1480 LIMPUS QUARRIES, INC.(HARRISONVILLE)	P.O. BOX 40	HARRISONVILLE, MO 64701-0040
1490 LIMPUS QUARRIES, INC. (HOLDEN)	1314 SE 125	HOLDEN, MO 64040
1500 MAGRUDER LIMESTONE CO-ASHLEY	13614 PIKE 496	BOWLING GREEN, MO 63334
1510 MAGRUDER LIMESTONE CO, INC.-BOWLING	13614 PIKE 496	BOWLING GREEN, MO 63334
1520 MAGRUDER LIMESTONE CO-FRANKFORD	13614 PIKE 496	BOWLING GREEN, MO 63334
1530 MAGRUDER LIMESTONE - SILEX QUARRY	255 WATSON RD	TROY, MO 63379
1540 MAGRUDER LIMESTONE CO Q TROY	255 WATSON ROAD	TROY, MO 63379
1550 MANSFIELD LIME & STONE	1726 QUARRY ROAD	MANSFIELD, MO 65704
1570 MARTIN MARIETTA AGGREGATES-BARNHART	521 QUARRY LN	PERRYVILLE, MO 63775
1600 MARTIN MARIETTA AGGREGATES-JEFFRIES	RR 1	DAVIS CITY, IA 50065
1610 MARTIN MARIETTA AGGREGATES-MERCER	ROUTE 1 BOX 222	MERCER, MO 64461
1620 MARTIN MARIETTA MATERIALS-WATTERSON	RR 3, BOX 100A	MT AYR, IA 50854
1630 MARTIN MARIETTA AGGREGATES-GOODEN	38139 230TH STREET, P O BOX 188	RAVENWOOD, MO 64479
1640 MARTIN MARIETTA AGG - APPLETON	521 QUARRY LN	PERRYVILLE, MO 63775
1650 MARTIN MARIETTA AGGREGATES-BARNARD	36714 JET ROAD	BARNARD, MO 64423
1660 MARTIN MARIETTA AGGREGATES-BETHANY	29365 OUTER ROAD, P O BOX 116A	BETHANY, MO 64424
1670 MARTIN MARIETTA AGGREGATES - BREIT	16298 HWY 71, P.O. BOX 269	SAVANNAH, MO 64485
1680 MARTIN MARIETTA AGGREGATES-GALLATIN	21901 STATE HWY 13, P O BOX 93	GALLATIN, MO 64640
1690 MARTIN MARIETTA-GREENWOOD	15719 S AIRPORT ROAD, P O BOX 292	GREENWOOD, MO 64034
1700 MARTIN MARIETTA AGGREGATES-MAITLAND	34635 HOLT 190, P O BOX 269	SAVANNAH, MO 64485
1710 MARTIN MARIETTA	P.O. BOX 225	PATTONSBURG, MO 64670
1720 MARTIN MARIETTA MATERIALS-PECULIAR	7410 E STATE ROUTE YY	PECULIAR, MO 64078
1730 MARTIN MARIETTA AGG-PERRYVILLE	521 QUARRY LANE	PERRYVILLE, MO 63775
1740 MARTIN MARIETTA AGGREGATE-PRINCETON	RR 1 BOX 122	MERCER, MO 64661-9720
1760 MARTIN MARIETTA AGGREGATES- TRENTON	RR4 HWY 6 W	TRENTON, MO 64683
1770 MARTIN MARIETTA AGGREGATES INC	15601 WEeping WATER ROAD, POB 448	WEeping WATER, NE 68463
1780 MERTENS CONST CO-AUXVASSE	P O BOX 52	KINGDOM CITY, MO 65262
1790 MERTENS CONST CO-Q-REFORM	PO BOX 52	KINGDOM CITY, MO 65262
1800 MFA INC	201 RAY YOUNG DR	COLUMBIA, MO 65201-3599
1810 MID-MISSOURI LIMESTONE INC-MBQ	P O BOX 52	KINGDOM CITY, MO 65262
1820 MID-MISSOURI LIMESTONE, INC.-HOUSTO	P.O. BOX 52	KINGDOM CITY, MO 65262
1830 MID-MISSOURI LIMESTONE-RIGGS	PO BOX 52	KINGDOM CITY, MO 65262
1840 MIDWEST MINERALS INC	ROUTE 1-BOX 39B	JASPER, MO 64755
1860 MISSISSIPPI LIME COMPANY	PO DRAWER 31	STE GENEVIEVE, MO 63670
1880 MISSOURI LIME AND MATERIAL CO., INC	6800 BUSSEN RD-BOX 507	EUREKA, MO 63025
1890 MISSOURI VALLEY MATERIALS	200 W. 12TH ST	WASHINGTON, MO 63090
1900 MK MINERALS INC.	315 HOUSTON ST, STE A	MANHATTAN, KS 66502
1920 MORRIS ROCK	RR#1-BOX 47A	DEERFIELD, MO 64741
1930 MOUNTAIN GROVE QUARRY	2504 LIMESTONE DR	MOUNTAIN GROVE, MO 65711
1940 MUENKS BROS. QUARRY	ROUTE 1-BOX 163	LOOSE CREEK, MO 65054
1950 NEMO SAND & GRAVEL, QUARRY	RT 2-BOX 2471	HERMITAGE, MO 65668
1960 NORRIS AGGREGATE PRODUCTS CO - EAST	PO BOX 582	MOBERLY, MO 65270
1970 NORRIS AGGREGATE PRODUCTS CO - WEST	PO BOX 582	MOBERLY, MO 65270
1990 NUTRI-JECT SYSTEMS INC.	P.O. BOX 398	HUDSON, IA 50643
2000 LEO O'LAUGHLIN INC	RR #3	SHELBYNA, MO 63468

2030	PACE CONSTRUCTION CO.-DANVILLE QUAR	12 TREE FARM ROAD	MONTGOMERY CITY, MO	63361
2040	PHENIX ROCK	12940 W FARM ROAD 34	ASH GROVE, MO	65604
2060	PRESTAGE QUARRIES INC	P O BOX 787	TIPTON, MO	65081
2090	R-B QUARRY #2 - FOLEY	115 WELCH-BOX 74	ELSBERRY, MO	63343
2100	ROCK QUARRIES, LLC	10876 STRAIN DRIVE, PO BOX 620	MOUNTAIN GROVE, MO	65711
2120	RUBLE ROCK & LIME INC	422 SOUTH MAIN	PIEDMONT, MO	63957
2130	S & A CONSTRUCTION LTD	P.O. BOX 20	ALLENDALE, MO	64420
2160	SCHILDBERG CONST. CO.-BEDFORD Q.	P O BOX 358	GREENFIELD, IA	50849
2170	SCHILDBERG CONST. CO.-GRAHAM MO Q	P O BOX 358	GREENFIELD, IA	50849
2180	SCHILDBERG CONST. CO.-SHAMBAUGH Q	P.O. BOX 358	GREENFIELD, IA	50849
2190	SCHILDBERG CONST. CO.-THURMAN	P.O. BOX 358	GREENFIELD, IA	50849
2210	ROBERT SERVAES QUARRY & CONST	8551 S.W. STATE RT 116	RUSHVILLE, MO	64484
2230	SOUTHWEST QUARRY & MATERIAL INC	13073 STATE RT CC	ROLLA, MO	65401
2240	SOUTHDOWN, INC.	1506 PARKSIDE DRIVE	COLUMBIA, MO	65202
2260	SPRINGFIELD UNDERGROUND, INC.	P.O. BOX 2240	SPRINGFIELD, MO	65801-2240
2270	S-S-S INC	HWY 79 S-BOX 474	LOUISIANA, MO	63353
2300	T & M STONE LLC	RT 2 530 E 460TH RD	FAIR PLAY, MO	65649
2310	TAYLOR QUARRIES	RT 3 BOX 200	LOCKWOOD, MO	65682-9538
2320	TENNESSEE VALLEY RESOURCES, INC	P.O. BOX 617	JEFFERSON CITY, TN	37760
2330	TOWER ROCK STONE CO	ROUTE 2	SCOTT CITY, MO	63780
2340	TOWER ROCK STONE CO	ROUTE 2-LOWER FRENCHMAN RD-BOX 111	STE GENEVIEVE, MO	63670
2360	TRAGER LIMESTONE	6468 HWY Y	CHILLICOTHE, MO	64601
2370	TWIN LAKES QUARRIES INC	PO BOX 705	MOUNTAIN HOME, AR	72653
2390	UNITED SUPPLIERS	PO BOX 538	ELDORA, IA	50627
2400	VULCAN MATERIALS	BOX AA, 1725 JONESBORO QUARRY RD	JONESBORO, IL	62952
2410	WADE AG PRODUCTS-MAIN OFC	PO BOX 38	LACYGNE, KS	66040
2420	WADE AG PRODUCTS Q BUTLER MO	PO BOX 38	LACYGNE, KS	66040
2430	WADE AG PRODUCTS Q DREXEL	P O BOX 38	LACYGNE, KS	66040
2440	WADE AG PRODUCTS Q PLEASANTON	P.O. BOX 38	LACYGNE, KS	66040
2450	FRED WEBER INC.-AUBURN QUARRY	3903 HWY B	ELSBERRY, MO	63343
2460	FRED WEBER, INC - FOLEY QUARRY	765 N HWY 79	FOLEY, MO	63347
2480	FRED WEBER INC-NORTH QUARRY	2320 CREVE COEUR MILL RD-BOX 2501	MARYLAND HEIGHTS, MO	63043-8501
2490	FRED WEBER, INC. - TROY QUARRY	2060 MYERS ROAD	TROY, MO	63379
2500	WEST LIMESTONE QUARRY	HWY 21 SOUTH- PO BOX 25	ARCADIA, MO	63621
2510	WILKERSON BROS QUARRY	20429 MONROE RD 962	PARIS, MO	65275

**Combined Fertilizer/Ag Lime Fees  
Financial Report  
For Year Ended June 30, 2000**

	AG LIME FEES	FERTILIZER FEES	COMBINED FEES
<b>RECEIPTS</b>			
Tonnage Inspection Fees	\$132,434	\$919,969	\$1,052,403
Permit Fees	22,700	87,410	110,110
Permit Fee Carry Forward	15,600	71,600	87,200
Deficiency Penalties		6,677	6,677
Tonnage Late Pay Penalty	1,564	4,587	6,151
Total Funds Available	\$172,298	\$1,090,243	\$1,262,541
<b>DISBURSEMENTS</b>			
Inspection Services			\$459,622 <sup>1</sup>
ESCL, Analytical Services			310,061
ESCL, Support <sup>2</sup>			43,105
ESCL Equipment Reserve <sup>3</sup>			35,000
Research Report			2,300
Fertilizer/Lime Research & S&W			85,143
Research Projects Funded			108,000
Subtotal			\$1,043,231
<b>COMMITMENTS</b>			
Continuing and New Research Projects			\$139,310
Carry Forward			80,000
Subtotal			\$219,310
<b>TOTAL</b>			<b>\$1,262,541</b>

## Footnotes:

<sup>1</sup> Included Permit Fee administrative costs of \$1,953<sup>2</sup> S&W support to Experiment Station Chemical Lab (ESCL) administrative personnel<sup>3</sup> Per June 30, 1998, Fertilizer and Ag Lime Committee meeting minutes, a \$50,000 equipment reserve fund has been made available to ESCL for equipment upgrades in ESCL Analytical Services, subsequent years funded at \$35,000.

SAMPLES OF FINENESS FACTOR CALCULATION, ENM, AND EMg

DERIVATION OF FINENESS FACTOR

EXAMPLE

<u>US Standard Sieve Fractions</u>	<u>Efficiency Index</u>		<u>% Found in sample</u>	<u>Fineness Components</u>
Retained on 8	0	x	<u>4.0</u>	= <u>0</u>
Pass. 8-Ret. on 40	.25	x	<u>34.0</u>	= <u>8.5</u>
Pass. 40-Ret. on 60	.60	x	<u>10.0</u>	= <u>6.0</u>
Passing 60	1.00	x	<u>52.0</u>	= <u>52.0</u>

Sum of fineness components = FINENESS FACTOR = 66.5

EFFECTIVE NEUTRALIZING MATERIALS (pounds per ton)

$$\text{Formula: ENM} = \frac{\% \text{ CCE}}{100} \times \frac{\text{FINENESS FACTOR}}{100} \times 800$$

DRY AG LIME      FINENESS FACTOR

<u>% CCE</u>	<u>100</u>	<u>90</u>	<u>80</u>	<u>70</u>	<u>60</u>	<u>50</u>	<u>40</u>
100	800	720	640	560	480	400	320
90	720	648	576	504	432	360	288
80	640	576	512	448	384	320	256
70	560	504	448	392	336	280	224
65*	520	468	416	364	312	260	208

----- \* 65% is minimum % CCE allowed for dry lime

FLUID AG LIME

60	480	432	384
50	400	360	320
40	320	288	256
30	240	216	192
20	160	144	128
10	80	72	64

EFFECTIVE MAGNESIUM (pounds per ton)

$$\text{Formula: EMg} = \frac{\% \text{ Mg}}{100} \times \frac{\text{FINENESS FACTOR}}{100} \times 2000$$

FINENESS FACTOR

<u>% Mg</u>	<u>100</u>	<u>90</u>	<u>80</u>	<u>70</u>	<u>60</u>	<u>50</u>	<u>40</u>
13	260	234	208	182	156	130	104
11	220	198	176	154	132	110	88
9	180	162	144	126	108	90	72
7	140	126	112	98	84	70	56
5	100	90	80	80	70	60	40
3	60	54	48	42	36	30	24
1	20	18	16	14	12	10	8

# REPORT CONTENTS

	Page
1. Report information and tonnage summary	2
2. Table 1-Registered Producers and samples	3
3. Table 2-Distributors and samples	21
4. Registered Quarry and Manufacturers	25
5. Combined Budget Ag Lime/Fertilizer Control	29
6. Sample ENM and Emg Calculations	30

Agricultural Liming Materials  
Control Services  
University of Missouri-Columbia  
Columbia, MO 65211-8080

Return Service Requested