



MISSOURI FERTILIZER REPORT

Volume 56, No. 1

December 2014

REPORT OF ANALYSIS OF FERTILIZER SAMPLES COLLECTED

July 1 through December 31, 2013

BAGGED FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
AGRI-NUTRIENTS, INC		CATOOSA, OK			
0982	13.0-13.0-13.0	9.6*	8.8*	16.2	81.54*
1465	13.0-13.0-13.0	14.2	13.4	11.2*	102.15
1466	13.0-13.0-13.0	11.0*	10.6*	15.8	90.77*
#TOTALS - NO. SAMPLES		3	- SMPLS MISBRANDED	3	- 91.48

AMERICAN PLANT FOOD CORPORATION		GALENA PARK, TX			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
0423**	13.0-13.0-13.0	12.5	11.9	16.0	99.69
1113**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52
#TOTALS - NO. SAMPLES		2	- SMPLS MISBRANDED	0	- 99.62

BAYER ADVANCED LLC		RESEARCH TRIANGLE PARK, NC			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
0666**	6.0- 9.0- 6.0	5.9	9.0	6.0	99.44
0601	9.0-14.0- 9.0	10.0	13.8	9.5	103.82
#TOTALS - NO. SAMPLES		2	- SMPLS MISBRANDED	0	- 102.08

BLACK GOLD COMPOST CO		OXFORD, FL			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
0781	0.5- 0.5- 0.5	0.6	0.4*	0.3*	92.00*
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	1	- 92.00

CHOUTEAU LIME CO, INC		PRYOR, OK			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
0151	10.0-20.0-10.0	10.6	20.0	10.4	102.29
0152	10.0-20.0-10.0	11.3	20.6	10.2	105.71
1468	10.0-20.0-10.0	11.6	22.0	11.2	112.00
0144	13.0-13.0-13.0	15.1	14.2	13.0	110.15
0145	13.0-13.0-13.0	17.7	16.2	12.0	122.77
0730	13.0-13.0-13.0	15.1	13.6	13.8	109.54
#TOTALS - NO. SAMPLES		6	- SMPLS MISBRANDED	0	- 110.27

DREXEL CHEMICAL COMPANY		MEMPHIS, TN			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
0667**	4.0- 4.0- 4.0	3.8	5.0	5.6	116.00
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 116.00

EASY GARDENER INC		SALEM, VA			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
0905**	2.0- 7.0- 4.0	3.6	7.9	4.8	126.36
0275	5.0- 0.0- 3.0	4.4*	0.0	5.0	106.15

EASY GARDENER INC		SALEM, VA			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
1292	5.0- 5.0- 5.0	7.1	15.8	6.4	208.80
1291	6.0-18.0- 6.0	8.7	21.2	7.3	124.26
#TOTALS - NO. SAMPLES		4	- SMPLS MISBRANDED	1	- 141.14

EAU CLAIRE COOP COMPANY		EAU CLAIRE, WI			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
0426	10.0-10.0-10.0	9.2	9.4	9.8	94.00*
0261**	10.0-18.0- 6.0	9.8	16.8	6.0	95.48*
0308	18.0-12.0-12.0	18.3	12.1	11.9	100.97
0456**	20.0- 0.0- 9.0	19.7	0.0	10.0	100.82
0268**	28.0- 0.0- 3.0	27.9	0.0	3.8	101.02
#TOTALS - NO. SAMPLES		5	- SMPLS MISBRANDED	2	- 98.59

ENCAP, LLC		GREEN BAY, WI			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
0409**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 100.00

EVERRIS NA, INC.		DUBLIN, OH			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
0977**	12.0- 6.0- 6.0	15.9	7.3	6.6	126.19
1058**	15.0- 9.0-12.0	16.2	9.5	12.1	105.83
#TOTALS - NO. SAMPLES		2	- SMPLS MISBRANDED	0	- 114.21

FREE FLOW FERTILIZER		MAUMEE, OH			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
0336**	20.0-27.0- 6.0	20.2	26.7	4.4*	98.20
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	1	- 98.20

GREEN LIGHT, A VALENT USA CO		MARYSVILLE, OH			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
0610**	12.0-55.0- 6.0	12.3	54.9	5.6	100.00
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 100.00

GRO TEC, INC		COVINGTON, GA			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
0013**	1.0- 0.0- 1.0	1.8	0.0	1.2	160.00
0350**	1.0- 0.0- 1.0	1.4	0.0	1.2	133.33
0786**	1.0- 0.0- 1.0	1.5	0.0	1.2	140.00
0734	8.0-12.0- 4.0	8.2	12.4	3.6	101.82
0272	12.0- 0.0- 6.0	11.8	0.0	6.1	99.00

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BAGGED FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	

MFA AGRI SERVICES CANTON, MO
 0182 0.7- 1.0- 0.4 1.7 2.6 0.6 242.11
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 242.11

MFA PLANT FOODS COLUMBIA, MO
 0088** 6.0-24.0-24.0 9.8 25.4 23.8 112.14
 0232** 6.0-24.0-24.0 9.6 24.6 24.4 110.48
 0233** 6.0-24.0-24.0 8.9 22.7 23.9 103.69
 0427** 6.0-24.0-24.0 9.8 24.4 24.0 110.00
 0497** 6.0-24.0-24.0 9.0 23.5 24.1 106.07
 0618** 6.0-24.0-24.0 9.3 22.7 21.6* 101.90
 1140** 6.0-24.0-24.0 9.4 24.3 25.0 110.00
 1248 6.0-24.0-24.0 9.8 23.2 25.0 108.33
 0078** 13.0-13.0-13.0 12.3 13.5 13.3 99.85
 0079** 13.0-13.0-13.0 13.3 13.5 13.0 102.46
 0224 13.0-13.0-13.0 12.0 11.7 13.8 94.15*
 0422** 13.0-13.0-13.0 14.5 13.7 11.3* 104.15
 0495** 13.0-13.0-13.0 11.8 13.0 13.4 96.92*
 0729** 13.0-13.0-13.0 17.3 14.8 13.9 120.15
 1132 13.0-13.0-13.0 14.2 13.7 13.8 107.08
 1139** 13.0-13.0-13.0 15.4 12.8 17.2 113.23
 0075 20.0-10.0-10.0 20.3 11.0 11.6 106.00
 0494 20.0-10.0-10.0 18.8 11.0 10.2 99.71
 1131 20.0-10.0-10.0 20.3 9.6 10.8 100.86
 0211 46.0- 0.0- 0.0 46.4 0.0 0.0 100.87
 1235 46.0- 0.0- 0.0 46.5 0.0 0.0 101.09
 #TOTALS - NO. SAMPLES 21 - SMPLS MISBRANDED 4 - 105.27

MILWAUKEE METROPOLITAN SEWERAGE DIS MILWAUKEE, WI
 0445** 5.0- 2.0- 0.0 5.6 3.8 0.0 134.29
 0902** 5.0- 2.0- 0.0 6.5 3.5 0.0 142.86
 #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 138.57

MIRACLE-GRO LAWN PRODUCTS INC MARYSVILLE, OH
 0449 0.4- 0.1- 0.3 1.1 0.6 1.2 306.67
 0450** 0.2- 0.0- 0.1 0.2 0.2 0.1 128.57
 0782** 0.2- 0.0- 0.1 1.0 0.3 0.3 414.29
 0906** 0.2- 0.0- 0.1 1.1 1.5 0.3 785.71
 0907** 0.1- 0.0- 0.1 0.8 1.1 0.1 975.00
 1501** 0.0- 0.0- 0.0 0.4 0.1 0.1 440.00
 0600** 2.0- 7.0- 7.0 2.5 7.2 7.5 107.60
 0834** 12.0- 9.0- 6.0 12.3 9.2 6.2 102.50
 0780** 15.0- 5.0-10.0 15.9 6.4 10.2 109.60
 1242** 20.0-20.0-20.0 21.8 19.7 19.2 102.20
 #TOTALS - NO. SAMPLES 10 - SMPLS MISBRANDED 0 - 110.84

NEBRASKA TURF PRODUCTS OMAHA, NE
 0665 10.0-24.0-18.0 10.9 24.1 17.1 101.28
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.28

OAKLEY FERTILIZER, INC BEEBE, AR
 0616 6.0-24.0-24.0 6.1 23.2 24.4 98.81
 0222 13.0-13.0-13.0 15.2 12.2 12.6 103.69
 0225 13.0-13.0-13.0 13.1 12.6 13.5 99.85
 0612 13.0-13.0-13.0 12.5 13.2 13.5 99.85
 1245 13.0-13.0-13.0 14.8 12.8 12.7 104.46
 0220 20.0-10.0-10.0 17.9* 10.8 10.8 97.43
 #TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 1 - 100.55

OLDCASTLE LAWN & GARDEN ATLANTA, GA
 0183 0.10-0.08-0.06 0.7 0.5 0.2 619.05
 0338 0.05-0.05-0.05 0.3 0.2 0.1 440.00
 0392 0.05-0.05-0.05 0.9 0.8 0.6 1,600.00
 0452 0.05-0.05-0.05 0.3 0.2 0.1 440.00
 0453 0.05-0.05-0.05 0.3 0.2 0.1 440.00
 0546 0.05-0.05-0.05 0.2 0.2 0.1 360.00
 0547 0.05-0.05-0.05 0.3 0.2 0.1 440.00
 0783 0.05-0.05-0.05 0.5 0.2 0.1 600.00
 0909 0.05-0.05-0.05 0.5 0.4 0.2 800.00
 #TOTALS - NO. SAMPLES 9 - SMPLS MISBRANDED 0 - 636.36

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	

PBI/GORDON CORPORATION KANSAS CITY, MO
 0709** 3.0-10.0- 3.0 3.2 10.2 3.3 103.79
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 103.79

PREMIER HORTICULTURE, INC QUAKERTOWN, PA
 0446 1.2- 0.2- 0.3 0.6* 0.2 0.2* 55.90*
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 55.90

R & M FEED - PARTS CENTER POTOSI, MO
 0223 13.0-13.0-13.0 11.3* 12.3 13.1 92.77*
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 92.77

SCOTTS MIRACLE-GRO PRODUCTS INC MARYSVILLE, OH
 0952** 2.0- 7.0- 7.0 2.2 7.3 7.3 105.20
 1059** 6.0-12.0- 6.0 6.0 15.0 6.3 115.00
 0951** 7.0- 7.0- 7.0 7.4 7.1 7.4 104.00
 0001** 8.0- 7.0- 6.0 8.6 7.7 6.3 108.06
 0711** 8.0- 7.0- 6.0 8.7 7.4 6.3 106.94
 0832** 8.0- 7.0- 6.0 8.6 7.3 6.3 105.83
 0950** 8.0- 7.0- 6.0 8.5 7.6 6.3 106.94
 0986** 10.0-10.0-10.0 11.3 12.0 11.2 115.60
 1290** 10.0-10.0-10.0 10.8 10.9 11.6 110.00
 0833** 12.0- 4.0- 8.0 12.5 4.1 8.0 103.00
 1234** 12.0- 4.0- 8.0 12.4 4.4 8.8 106.00
 0661** 15.0- 5.0-10.0 16.2 4.6 10.2 103.60
 0846** 15.0-30.0-15.0 16.6 30.5 14.7 103.71
 0367** 18.0-18.0-21.0 20.9 17.4 20.2 104.09
 1243** 18.0-18.0-21.0 18.2 17.3 24.4 102.58
 0218** 24.0- 8.0-16.0 23.9 9.1 17.4 104.25
 0609** 24.0- 8.0-16.0 25.2 8.3 15.7 103.38
 0844** 24.0- 8.0-16.0 23.7 9.2 17.6 104.25
 0971** 24.0- 8.0-16.0 23.7 9.0 17.4 103.50
 1240** 24.0- 8.0-16.0 24.1 9.0 17.4 104.50
 1241** 24.0- 8.0-16.0 25.1 8.3 16.2 103.75
 0007** 30.0-10.0-10.0 32.1 9.6 9.7 103.44
 0843** 30.0-10.0-10.0 30.0 11.5 11.8 105.33
 0969** 30.0-10.0-10.0 32.5 10.0 9.7 105.22
 #TOTALS - NO. SAMPLES 24 - SMPLS MISBRANDED 0 - 105.19

SCOTTS-SIERRA HORTICULTURAL PRODUCT MARYSVILLE, OH
 0391 0.07-0.01-0.03 0.8 0.7 0.5 1,842.10
 0451 0.15-0.05-0.10 0.7 0.3 0.1 420.00
 #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 811.59

SPECTRUM GROUP, DIV OF UNITED IND ST LOUIS, MO
 0949** 10.0-10.0-10.0 10.3 10.7 10.7 105.40
 0255 20.0-27.0- 5.0 20.3 28.2 5.3 103.33
 #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 104.02

STRAATMANN FEED & TRANSFER, INC LABADIE, MO
 0617 6.0-24.0-24.0 6.3 24.8 23.1 101.55
 0614 12.0-12.0-12.0 12.7 12.6 11.6 103.67
 0051 20.0-10.0-10.0 18.8 11.0 10.9 100.71
 0611 20.0-10.0-10.0 18.8 11.2 10.4 100.57
 #TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 101.54

SUN GRO HORTICULTURE - PINE BLUFF PINE BLUFF, AR
 0448 0.05-0.0- 0.0 0.4 0.0 0.0 800.00
 0908 0.13-0.04-0.13 0.7 0.6 0.3 617.02
 #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 649.12

SWISS FARMS PRODUCTS INC LAS VEGAS, NV
 0389** 12.0- 5.0- 7.0 11.7 5.0 7.6 100.00
 0663** 12.0- 5.0- 7.0 12.0 5.3 7.7 103.17
 0335 20.0-27.0- 5.0 20.2 27.4 5.5 101.72
 0970** 24.0- 8.0-16.0 24.8 9.0 17.5 106.38
 0266 28.0- 0.0- 3.0 29.9 0.0 3.8 107.80
 0342 28.0- 0.0- 3.0 28.8 0.0 3.1 102.88
 #TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 0 - 103.79

BAGGED FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
T AND N INC					
FORISTELL, MO					
0089	6.0-24.0-24.0	5.8	22.3	25.2	96.90*
0234	6.0-24.0-24.0	6.3	24.3	23.2	100.48
0377	6.0-24.0-24.0	7.8	24.4	22.4	103.33
0990	6.0-24.0-24.0	5.8	23.3	24.3	98.21
0087	8.0-32.0-16.0	7.6	31.1	16.8	98.13
0081	12.0-12.0-12.0	11.6	12.0	13.1	100.50
0085	12.0-12.0-12.0	13.4	13.4	13.7	112.17
0228	12.0-12.0-12.0	10.9	11.2	11.7	93.17*
0230	12.0-12.0-12.0	11.4	11.5	11.6	95.67*
0375	12.0-12.0-12.0	12.4	12.4	13.5	105.17
0425	12.0-12.0-12.0	10.9	10.0*	11.3	88.50*
0732	12.0-12.0-12.0	11.9	11.6	12.0	98.33
0080	13.0-13.0-13.0	12.9	12.3	13.0	97.54
0146	13.0-13.0-13.0	14.5	14.0	13.0	107.69
0147	13.0-13.0-13.0	12.7	12.4	12.5	96.46*
0847	13.0-13.0-13.0	12.5	12.7	13.3	98.00
1133	13.0-13.0-13.0	13.5	13.8	13.3	104.46
1134	13.0-13.0-13.0	13.4	13.1	13.4	102.15
1135	13.0-13.0-13.0	13.4	14.1	13.9	106.00
1136	13.0-13.0-13.0	12.0	11.4*	12.4	91.08*
1137	13.0-13.0-13.0	12.7	12.2	13.4	97.23
1138	13.0-13.0-13.0	14.0	14.8	14.0	110.15
1244	13.0-13.0-13.0	11.9	11.8	12.6	92.31*
1462	13.0-13.0-13.0	12.5	12.8	12.4	96.92*
1463	13.0-13.0-13.0	12.2	11.8	12.7	93.38*
1464	13.0-13.0-13.0	12.4	12.4	12.7	95.85*
1467	13.0-13.0-13.0	12.8	13.1	13.2	100.00
0311**	16.0- 8.0- 5.0	15.4	7.4	5.0	95.47*
0900**	16.0- 8.0- 5.0	15.2	7.3	4.7	93.77*
0076	20.0-10.0-10.0	24.0	10.6	9.2	112.00
0219	20.0-10.0-10.0	19.1	9.4	9.9	95.57*
0334	20.0-10.0-10.0	20.8	11.0	11.0	106.57
0368	20.0-10.0-10.0	19.8	9.6	9.6	97.71
0421	20.0-10.0-10.0	20.1	10.1	10.5	101.29
0972	20.0-10.0-10.0	19.7	10.4	9.6	99.71
#TOTALS - NO. SAMPLES		35	- SMPLS MISBRANDED	13	- 99.56

THE ESPOMA COMPANY		MILLVILLE, NJ			
No.	Grade	Nitrogen	P ₂ O ₅	Potash	% Relative Value
0903**	4.0- 3.0- 3.0	4.4	3.1	3.6	109.41
0390**	4.0- 3.0- 4.0	4.2	3.5	4.4	110.00
0668**	4.0- 3.0- 4.0	4.3	3.3	4.4	108.89
#TOTALS - NO. SAMPLES		3	- SMPLS MISBRANDED	0	- 109.43

THE SCOTTS COMPANY		MARYSVILLE, OH			
No.	Grade	Nitrogen	P ₂ O ₅	Potash	% Relative Value
0364	7.0-12.0-15.0	7.2	12.6	16.4	105.66
0664**	10.0-10.0-10.0	11.3	10.7	11.4	110.80
0181**	11.0- 2.0- 2.0	11.7	1.9	2.2	105.00
0901**	12.0- 4.0- 8.0	13.2	4.6	9.8	113.50
0980	14.0-14.0-14.0	14.3	14.0	13.7	100.43
1056**	19.0- 6.0- 9.0	18.5	6.8	9.7	102.20
0659	19.0- 6.0-12.0	20.0	6.5	13.4	107.10
0779	19.0- 6.0-12.0	19.9	6.5	13.2	106.45
0254**	21.0-22.0- 4.0	21.6	22.5	3.9	102.33
0175**	22.0- 2.0- 2.0	23.3	2.5	2.4	108.00
0176**	22.0- 2.0- 2.0	22.9	2.4	2.3	105.80
0333**	22.0- 2.0- 2.0	22.5	2.4	2.4	104.40
1289**	22.0- 2.0- 2.0	22.9	2.3	2.3	105.40
0332**	24.0- 2.0-12.0	24.4	2.3	12.8	103.44
1497	24.0-25.0- 4.0	24.3	25.8	4.5	102.65
0269**	26.0- 0.0- 2.0	26.0	0.0	2.3	100.56
0785**	26.0- 0.0- 2.0	23.8*	0.0	2.3	92.41*
1191**	26.0- 0.0- 2.0	26.7	0.0	2.1	102.78
1062**	26.0- 0.0- 3.0	26.9	0.0	3.1	103.45
0172**	26.0- 2.0-12.0	26.7	2.2	12.4	103.24
0899	26.0- 2.0-12.0	26.9	2.1	12.5	103.68
0114**	27.0- 0.0-12.0	27.5	0.0	12.2	101.82
0343	27.0- 0.0-12.0	27.5	0.0	13.0	103.03
0187**	28.0- 0.0- 3.0	28.7	0.0	3.4	103.05
0267**	28.0- 0.0- 3.0	28.8	0.0	3.4	103.39
0551**	28.0- 0.0- 3.0	28.1	0.0	3.4	101.02

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
THE SCOTTS COMPANY					
MARYSVILLE, OH					
0552**	28.0- 0.0- 3.0	28.6	0.0	3.6	103.05
0264**	30.0- 0.0- 4.0	29.8	0.0	4.6	100.31
0111**	32.0- 0.0- 4.0	32.3	0.0	4.3	101.32
0185**	32.0- 0.0- 4.0	32.1	0.0	4.4	100.88
0339**	32.0- 0.0- 4.0	32.5	0.0	4.4	102.06
0784**	32.0- 0.0- 4.0	32.8	0.0	4.2	102.65
0184**	32.0- 0.0-10.0	32.6	0.0	10.7	102.57
0263**	32.0- 0.0-10.0	33.3	0.0	9.9	103.38
0548**	32.0- 0.0-10.0	32.6	0.0	10.4	102.16
0549**	32.0- 0.0-10.0	32.7	0.0	10.3	102.30
#TOTALS - NO. SAMPLES		36	- SMPLS MISBRANDED	1	- 103.14
VOLUNTARY PURCHASING GROUPS					
BONHAM, TX					
0912	8.0- 0.0- 4.0	8.9	0.0	5.4	116.00
0911**	24.0- 0.0- 4.0	25.4	0.0	4.0	105.38
0910**	25.0- 0.0- 6.0	24.5	0.0	6.1	98.39
#TOTALS - NO. SAMPLES		3	- SMPLS MISBRANDED	0	- 103.98
WINFIELD SOLUTIONS, LLC					
ST. PAUL, MN					
0315	12.0-12.0-12.0	10.9	11.7	11.4	94.33*
0372	16.0- 6.0-16.0	15.0	5.8	14.6	93.67*
0309	18.0-24.0- 6.0	17.9	22.1	5.4	94.89*
0370	18.0-24.0- 6.0	17.8	23.7	6.0	98.89
0371	18.0-24.0- 6.0	17.7	24.1	6.0	99.56
0344**	24.0- 0.0- 4.0	22.7	0.0	3.7	94.42*
#TOTALS - NO. SAMPLES		6	- SMPLS MISBRANDED	4	- 96.35

* Subject to penalty (either 10% or two units deficient from guarantee in nutrient indicated, or 3% deficient in total value).

** Sample analyzed for guaranteed secondary or micronutrients, the results are tabulated beginning page 19.

Totals from July 1, 2013.

BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
0520	18.0-46.0- 0.0	18.6	46.8	0.0	102.19
0523	18.0-46.0- 0.0	18.6	46.6	0.0	101.88
0763	18.0-46.0- 0.0	18.5	46.9	0.0	102.19
0203	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
0594	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00
0702	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
0714	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
#TOTALS - NO. SAMPLES		45	- SMPLS MISBRANDED	0	- 101.10
AGRIUM U.S. INC.		DENVER, CO			
1300	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
0420	39.0- 0.0- 0.0	39.6	0.0	0.0	101.54
0307	44.0- 0.0- 0.0	45.3	0.0	0.0	102.95
#TOTALS - NO. SAMPLES		3	- SMPLS MISBRANDED	0	- 102.12
AGRIUM U.S. INC.		BEATRICE, NE			
1723	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 101.67
AMERICAN PLANT FOOD CORPORATION		GALENA PARK, TX			
0478**	21.0- 0.0- 0.0	21.4	0.0	0.0	101.90
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 101.90
BEN-TREI TERMINALS,LLC-SPRINGFIELD		TULSA, OK			
0396**	0.0- 0.0-21.0	0.0	0.0	21.5	102.38
0119	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
0385	18.0-46.0- 0.0	17.7	46.3	0.0	100.00
#TOTALS - NO. SAMPLES		3	- SMPLS MISBRANDED	0	- 100.33
BEN-TREI FERTILIZER CO, LLC		TULSA, OK			
0118**	0.0- 0.0-22.0	0.0	0.0	22.1	100.45
0671	0.0- 0.0-60.0	0.0	0.0	62.2	103.67
1214	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
1419	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
0473	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1221	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1222	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1320	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
1161	11.0-52.0- 0.0	11.4	51.9	0.0	100.48
1374	18.0-46.0- 0.0	18.6	46.4	0.0	101.56
0699	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1226	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
1647	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
1753	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1754	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
1129	44.0- 0.0- 0.0	45.3	0.0	0.0	102.95
1582	44.0- 0.0- 0.0	44.8	0.0	0.0	101.82
0715	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1525	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
1668	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES		20	- SMPLS MISBRANDED	0	- 101.20
CF INDUSTRIES SALES LLC		DEERFIELD, IL			
0468	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 102.33
CF INDUSTRIES SALES, LLC (ST LOUIS)		DEERFIELD, IL			
0248	18.0-46.0- 0.0	18.1	46.5	0.0	100.94
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 100.94
CHS INC		ST PAUL, MN			
0919	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1200	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1418	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
1170	18.0-46.0- 0.0	17.8	46.5	0.0	100.47
1373	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
1375	18.0-46.0- 0.0	17.9	45.8	0.0	99.53
1376	18.0-46.0- 0.0	18.2	46.3	0.0	100.78
1377	18.0-46.0- 0.0	17.9	45.9	0.0	99.69
#TOTALS - NO. SAMPLES		8	- SMPLS MISBRANDED	0	- 100.26

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
CGB FERTILIZER		JEFFERSONVILLE, IN			
1634	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
0738	11.0-52.0- 0.0	11.4	52.1	0.0	100.79
0428	18.0-46.0- 0.0	17.8	46.5	0.0	100.47
0640	18.0-46.0- 0.0	17.9	45.8	0.0	99.53
1034	18.0-46.0- 0.0	17.8	45.9	0.0	99.53
0361**	21.0- 0.0- 0.0	20.2	0.0	0.0	96.19*
1646	33.5- 0.0- 0.0	33.5	0.0	0.0	100.00
1225	34.0- 0.0- 0.0	33.3	0.0	0.0	97.94
#TOTALS - NO. SAMPLES		8	- SMPLS MISBRANDED	1	- 99.81
CMMF, INC.		CALIFORNIA, MO			
0109	3.0- 3.0- 2.0	3.6	3.7	2.7	123.57
0110	3.0- 3.0- 2.0	3.0	3.2	2.3	105.00
0904	3.0- 3.0- 2.0	3.7	3.1	2.2	112.86
#TOTALS - NO. SAMPLES		3	- SMPLS MISBRANDED	0	- 113.80
CONSUMERS OIL & SUPPLY CO		BRAYMER, MO			
1072	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1002	11.0-52.0- 0.0	11.3	52.4	0.0	101.11
1022	18.0-46.0- 0.0	17.7	46.2	0.0	99.84
#TOTALS - NO. SAMPLES		3	- SMPLS MISBRANDED	0	- 100.66
CROP PRODUCTION SERVICES-3504		BOWLING GREEN, MO			
0628	11.0-52.0- 0.0	11.5	52.6	0.0	101.75
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 101.75
CROP PRODUCTION SERVICES-4025		MARSTON, MO			
0054	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0194	0.0- 0.0-60.0	0.0	0.0	58.8	98.00
0195	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0196	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
0197	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1085	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
1505	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
0038	18.0-46.0- 0.0	17.6	45.7	0.0	98.91
0156	18.0-46.0- 0.0	17.9	45.0	0.0	98.28
0157	18.0-46.0- 0.0	18.0	45.2	0.0	98.75
0159	18.0-46.0- 0.0	18.0	45.9	0.0	99.84
1035	18.0-46.0- 0.0	17.6	46.1	0.0	99.53
0067**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43
0204**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43
0206**	21.0- 0.0- 0.0	21.4	0.0	0.0	101.90
0207**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
1111**	21.0- 0.0- 0.0	20.3	0.0	0.0	96.67*
0022	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0139	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0140	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0141	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0965	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES		22	- SMPLS MISBRANDED	1	- 100.30
CROP PRODUCTION SERVICES-3575		QUINCY, IL			
0677	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
0678	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
1202	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
1206	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1568	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0583	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0585	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
0586	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0587	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
0592	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
0688	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
0689	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
1309	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1310	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
1573	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
1574	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1575	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
1742	0.0- 0.0-62.0	0.0	0.0	62.8	101.29

BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
CROP PRODUCTION SERVICES-3575 QUINCY, IL					
1752	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0510	11.0-52.0- 0.0	11.7	52.6	0.0	102.06
0512	11.0-52.0- 0.0	11.3	52.8	0.0	101.75
0513	11.0-52.0- 0.0	11.4	52.8	0.0	101.90
0624	11.0-52.0- 0.0	11.3	52.7	0.0	101.59
0625	11.0-52.0- 0.0	11.3	52.2	0.0	100.79
0627	11.0-52.0- 0.0	11.5	52.6	0.0	101.75
1155	11.0-52.0- 0.0	11.4	52.3	0.0	101.11
1156	11.0-52.0- 0.0	11.4	52.4	0.0	101.27
1158	11.0-52.0- 0.0	11.3	52.8	0.0	101.75
1160	11.0-52.0- 0.0	11.4	52.7	0.0	101.75
1254	11.0-52.0- 0.0	11.6	52.2	0.0	101.27
1258	11.0-52.0- 0.0	11.5	52.1	0.0	100.95
1543	11.0-52.0- 0.0	11.8	52.5	0.0	102.06
1687	11.0-52.0- 0.0	11.7	52.3	0.0	101.59
1185**	12.0-40.0- 0.0	11.9	41.2	0.0	102.12
1186**	12.0-40.0- 0.0	11.9	40.9	0.0	101.54
1187**	12.0-40.0- 0.0	12.0	41.6	0.0	103.08
1283**	12.0-40.0- 0.0	12.1	41.7	0.0	103.46
1555	12.0-40.0- 0.0	12.0	41.5	0.0	102.88
0162	18.0-46.0- 0.0	17.8	45.6	0.0	99.06
0326	18.0-46.0- 0.0	17.7	45.8	0.0	99.22
0642	18.0-46.0- 0.0	18.0	45.9	0.0	99.84
1268	18.0-46.0- 0.0	17.6	45.7	0.0	98.91
1554	18.0-46.0- 0.0	17.8	45.9	0.0	99.53
1697	18.0-46.0- 0.0	17.7	46.1	0.0	99.69
#TOTALS - NO. SAMPLES 44 - SMPLS MISBRANDED 0 - 101.17					
CTL FARM SERVICE INC BETHANY, MO					
0191	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.67					
EARTH TOUCH GRAINERY GALLATIN, MO					
0301**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
0295**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.00					
EL DORADO CHEMICAL CO EL DORADO, AR					
0593	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
0821	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
0822	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
1445	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1446	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
1449	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1450	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1451	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1452	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1453	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1454	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
1648	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
1755	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
#TOTALS - NO. SAMPLES 13 - SMPLS MISBRANDED 0 - 101.58					
EL DORADO CHEMICAL CO. LAMAR, MO					
0947	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
1447	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 101.32					
GFG AGRIPRODUCTS, LLC-BETHANY WEST BETHANY, MO					
1073	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1106	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.85					
GAVILON FERTILIZER, LLC CATOOSA, OK					
1633	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1639	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0130	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
0860	11.0-52.0- 0.0	11.6	52.3	0.0	101.43
1163	11.0-52.0- 0.0	11.5	52.6	0.0	101.75
1537	11.0-52.0- 0.0	11.3	52.5	0.0	101.27

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
GAVILON FERTILIZER, LLC CATOOSA, OK					
1598	11.0-52.0- 0.0	11.2	52.8	0.0	101.59
1703**	12.0-40.0- 0.0	13.2	39.9	0.0	102.12
0432	18.0-46.0- 0.0	17.7	46.6	0.0	100.47
1180	18.0-46.0- 0.0	17.8	46.4	0.0	100.31
1613	18.0-46.0- 0.0	18.0	46.5	0.0	100.78
1614	18.0-46.0- 0.0	18.2	46.5	0.0	101.09
1615	18.0-46.0- 0.0	17.9	46.0	0.0	99.84
#TOTALS - NO. SAMPLES 13 - SMPLS MISBRANDED 0 - 100.96					
GAVILON FERTILIZER, LLC NEW FRANKLIN, MO					
1302	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
0062	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
0580	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0812	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
0814	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
0938	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
1216	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1312	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
1313	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
1435	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1436	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
1437	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
1441	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1516	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1517	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1518	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1641	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1642	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
1643	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
1743	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1744	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1745	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1746	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
1751	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1771	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0745	11.0-52.0- 0.0	12.3	51.9	0.0	101.90
1266	11.0-52.0- 0.0	11.2	52.6	0.0	101.27
1683	11.0-52.0- 0.0	11.6	53.1	0.0	102.70
0050	12.0-52.0- 0.0	12.6	51.4	0.0	100.00
0092	18.0-46.0- 0.0	17.6	46.6	0.0	100.31
0521	18.0-46.0- 0.0	17.8	46.3	0.0	100.16
0873	18.0-46.0- 0.0	18.0	46.2	0.0	100.31
1273	18.0-46.0- 0.0	17.8	46.0	0.0	99.69
1281	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
1381	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
1483	18.0-46.0- 0.0	18.0	46.1	0.0	100.16
1604	18.0-46.0- 0.0	17.9	46.5	0.0	100.63
#TOTALS - NO. SAMPLES 37 - SMPLS MISBRANDED 0 - 100.81					
GAVILON FERTILIZER, LLC SAVANNAH, GA					
0761	18.0-46.0- 0.0	18.0	46.4	0.0	100.63
1236	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
1238	46.0- 0.0- 0.0	45.9	0.0	0.0	99.78
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.38					
GAVILON FERTILIZER LLC SAUGET, IL					
0460	0.0- 0.0-60.0	0.0	0.0	61.8	103.00
0559	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0805	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1091	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0576	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
0578	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
0691	0.0- 0.0-62.0	0.0	0.0	63.0	101.61
0695	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
0816	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0819	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
1103	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
1215	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
1319	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
1440	0.0- 0.0-62.0	0.0	0.0	62.4	100.65

BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
HELM FERTILIZER CORPORATION TAMPA, FL					
0291	33.5- 0.0- 0.0	34.1	0.0	0.0	101.79
0072	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
0366	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES 10 - SMPLS MISBRANDED 0 - 100.06					
HOFFMAN & REED, INC TRENTON, MO					
0060	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1408	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
1410	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
0288	0.0- 0.0-62.0	0.0	0.0	61.9	99.84
0748	11.0-52.0- 0.0	11.1	52.5	0.0	100.95
0045	18.0-46.0- 0.0	18.8	46.8	0.0	102.50
0239	18.0-46.0- 0.0	18.5	47.3	0.0	102.81
1107	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
#TOTALS - NO. SAMPLES 8 - SMPLS MISBRANDED 0 - 101.40					
HONEYWELL HOPEWELL, VA					
1322**	21.0- 0.0- 0.0	21.5	0.0	0.0	102.38
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.38					
HOWARD JOHNSON'S ENTERPRISES INC NEOSHO, MO					
0418	44.0- 0.0- 0.0	45.3	0.0	0.0	102.95
0419	44.0- 0.0- 0.0	45.3	0.0	0.0	102.95
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 102.95					
INTER-CHEM TULSA, OK					
0524	18.0-46.0- 0.0	17.9	46.3	0.0	100.31
1694	18.0-46.0- 0.0	17.6	46.4	0.0	100.00
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.15					
INTREPID POTASH- NEW MEXICO, LLC DENVER, CO					
1414	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
0472	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
0942	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
1223	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
1434	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1644	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
0962	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES 7 - SMPLS MISBRANDED 0 - 100.51					
KOCH AGRONOMIC SERVICES ST LOUIS, MO					
0003	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0005	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0006	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
1659	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1661	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1664	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 0 - 101.37					
KOCH NITROGEN COMPANY, LLC-ST LOUIS WICHITA, KS					
0004	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
0017	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0018	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0212	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0718	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 0 - 101.52					
MK MINERALS INC WAMEGO, KS					
1324**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
1658**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.00					
MERSCHMAN FERTILIZR LLC-(FT MADISON) WEST POINT, IA					
0058	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1205	0.0- 0.0-60.0	0.0	0.0	61.6	102.67
0579	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
0582	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
1095	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1220	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
0508	11.0-52.0- 0.0	11.7	52.7	0.0	102.22

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
MERSCHMAN FERTILIZR LLC-(FT MADISON) WEST POINT, IA					
1004	11.0-52.0- 0.0	11.5	52.9	0.0	102.22
1157	11.0-52.0- 0.0	11.4	52.3	0.0	101.11
1171	18.0-46.0- 0.0	17.8	46.2	0.0	100.00
1190**	30.1- 0.0- 0.0	29.9	0.0	0.0	99.34
#TOTALS - NO. SAMPLES 11 - SMPLS MISBRANDED 0 - 101.16					
MFA AGRI SERVICES - WEST HALE, MO					
1043**	12.0-40.0- 0.0	11.9	42.2	0.0	104.04
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 104.04					
MFA PLANT FOODS PALMYRA, MO					
0826**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
0400	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
0401	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
0675	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
1087	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
1089	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1201	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1203	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
1204	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1207	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1293	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
1294	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1295	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1296	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1297	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1298	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
1426	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
1565	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1567	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1569	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
1730	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
1731	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1218	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
0155	11.0-52.0- 0.0	11.4	51.9	0.0	100.48
1012	11.0-52.0- 0.0	11.5	52.5	0.0	101.59
1013	11.0-52.0- 0.0	11.4	52.7	0.0	101.75
1152	11.0-52.0- 0.0	11.5	52.5	0.0	101.59
1153	11.0-52.0- 0.0	11.3	52.0	0.0	100.48
1154	11.0-52.0- 0.0	11.5	52.4	0.0	101.43
1159	11.0-52.0- 0.0	11.5	52.0	0.0	100.79
1249	11.0-52.0- 0.0	11.4	51.9	0.0	100.48
1251	11.0-52.0- 0.0	11.4	51.6	0.0	100.00
1253	11.0-52.0- 0.0	11.2	52.0	0.0	100.32
1256	11.0-52.0- 0.0	11.5	51.7	0.0	100.32
1257	11.0-52.0- 0.0	11.6	52.3	0.0	101.43
1259	11.0-52.0- 0.0	11.6	51.3	0.0	99.84
1356	11.0-52.0- 0.0	11.5	51.7	0.0	100.32
1357	11.0-52.0- 0.0	11.2	52.3	0.0	100.79
1682	11.0-52.0- 0.0	11.6	53.2	0.0	102.86
1684	11.0-52.0- 0.0	11.4	53.4	0.0	102.86
1685	11.0-52.0- 0.0	11.6	53.1	0.0	102.70
1686	11.0-52.0- 0.0	11.5	52.8	0.0	102.06
1183**	12.0-40.0- 0.0	11.8	42.2	0.0	103.85
1282**	12.0-40.0- 0.0	12.1	41.4	0.0	102.88
1490**	12.0-40.0- 0.0	12.1	41.9	0.0	103.85
1492**	12.0-40.0- 0.0	12.1	41.8	0.0	103.65
1493**	12.0-40.0- 0.0	12.1	41.8	0.0	103.65
1556**	12.0-40.0- 0.0	12.0	41.8	0.0	103.46
1557**	12.0-40.0- 0.0	12.1	41.6	0.0	103.27
1558**	12.0-40.0- 0.0	12.0	41.7	0.0	103.27
1708**	12.0-40.0- 0.0	12.0	41.8	0.0	103.46
1036	18.0-46.0- 0.0	17.8	45.9	0.0	99.53
1169	18.0-46.0- 0.0	17.8	46.1	0.0	99.84
1172	18.0-46.0- 0.0	17.8	46.3	0.0	100.16
1173	18.0-46.0- 0.0	17.9	46.1	0.0	100.00
1174	18.0-46.0- 0.0	17.6	46.2	0.0	99.69
1269	18.0-46.0- 0.0	18.0	46.0	0.0	100.00
1270	18.0-46.0- 0.0	18.1	46.6	0.0	101.09
1691	18.0-46.0- 0.0	18.3	46.9	0.0	101.88

BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	

MFA PLANT FOODS	PALMYRA, MO				
1120	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1121	46.0- 0.0- 0.0	46.1	0.0	0.0	100.22
#TOTALS - NO. SAMPLES	61 - SMPLS MISBRANDED	0	-	-	101.26

MFA PLANT FOODS	COLUMBIA, MO				
0598**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
0825**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
1114**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
0913**	0.0- 0.0-21.0	0.0	0.0	22.2	105.71
1718**	0.0- 0.0-21.0	0.0	0.0	20.9	99.52
1719**	0.0- 0.0-21.0	0.0	0.0	21.0	100.00
0669**	0.0- 0.0-22.0	0.0	0.0	22.1	100.45
0914**	0.0- 0.0-22.0	0.0	0.0	22.3	101.36
0055	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
0121	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0192	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0353	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0397	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
0398	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0461	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0557	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0560	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0561	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
0562	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0564	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0570	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
0571	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
0572	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
0670	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0672	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
0683	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0686	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0789	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
0794	0.0- 0.0-60.0	0.0	0.0	61.5	102.50
0796	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
0798	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0918	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0920	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
0921	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
0922	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0923	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0925	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0926	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
0927	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1070	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1071	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1074	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
1076	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1077	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1078	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
1079	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
1080	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1193	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1194	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
1197	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
1213	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
1301	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1304	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1405	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
1406	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1407	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1411	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
1417	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
1423	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1424	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
1428	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
1431	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1432	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1508	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
1509	0.0- 0.0-60.0	0.0	0.0	60.9	101.50

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	

MFA PLANT FOODS	COLUMBIA, MO				
1510	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1511	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1512	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1560	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1626	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
1627	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
1628	0.0- 0.0-60.0	0.0	0.0	59.8	99.67
1632	0.0- 0.0-60.0	0.0	0.0	59.7	99.50
1637	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1640	0.0- 0.0-60.0	0.0	0.0	59.8	99.67
1720	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1721	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1722	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
1724	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1725	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
1732	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1734	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1738	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
1739	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1770	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
0357	0.0- 0.0-61.0	0.0	0.0	61.1	100.16
0574	0.0- 0.0-61.0	0.0	0.0	60.5	99.18
0575	0.0- 0.0-61.0	0.0	0.0	60.9	99.84
0808	0.0- 0.0-61.0	0.0	0.0	60.5	99.18
1094	0.0- 0.0-61.0	0.0	0.0	61.6	100.98
0063	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0064	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
0588	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0590	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
0694	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
0696	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
0813	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
0815	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
0817	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
0935	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
0940	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
0941	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
0944	0.0- 0.0-62.2	0.0	0.0	62.9	101.13
1104	0.0- 0.0-62.3	0.0	0.0	62.0	99.52
1311	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1315	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
1316	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
1519	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1520	0.0- 0.0-62.3	0.0	0.0	62.3	100.00
1521	0.0- 0.0-62.3	0.0	0.0	62.4	100.16
1571	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1576	0.0- 0.0-62.2	0.0	0.0	62.2	100.00
1747	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1748	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
0441	0.0-46.0- 0.0	0.0	46.2	0.0	100.43
0442	0.0-46.0- 0.0	0.0	46.2	0.0	100.43
0654	0.0-46.0- 0.0	0.0	45.7	0.0	99.35
0655	0.0-46.0- 0.0	0.0	46.4	0.0	100.87
0778	0.0-46.0- 0.0	0.0	45.8	0.0	99.57
0893	0.0-46.0- 0.0	0.0	45.9	0.0	99.78
0896	0.0-46.0- 0.0	0.0	45.6	0.0	99.13
1188	0.0-46.0- 0.0	0.0	45.8	0.0	99.57
0317	11.0-52.0- 0.0	11.9	50.8	0.0	99.52
0378	11.0-52.0- 0.0	11.4	52.2	0.0	100.95
0379	11.0-52.0- 0.0	11.1	51.9	0.0	100.00
0380	11.0-52.0- 0.0	11.3	51.7	0.0	100.00
0500	11.0-52.0- 0.0	11.0	52.4	0.0	100.63
0505	11.0-52.0- 0.0	12.3	52.1	0.0	102.22
0506	11.0-52.0- 0.0	11.1	52.3	0.0	100.63
0507	11.0-52.0- 0.0	11.2	52.7	0.0	101.43
0509	11.0-52.0- 0.0	11.0	52.3	0.0	100.48
0514	11.0-52.0- 0.0	11.2	52.1	0.0	100.48
0518	11.0-52.0- 0.0	11.1	52.7	0.0	101.27
0519	11.0-52.0- 0.0	11.4	52.0	0.0	100.63
0629	11.0-52.0- 0.0	11.2	52.2	0.0	100.63

BULK DRY FERTILIZER

MANUFACTURER			% FOUND			% Relative Value	MANUFACTURER			% FOUND			% Relative Value																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
No.	Grade		Nitrogen	P ₂ O ₅	Potash		No.	Grade		Nitrogen	P ₂ O ₅	Potash																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
MFA PLANT FOODS						COLUMBIA, MO						MFA PLANT FOODS						COLUMBIA, MO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
0634	11.0-52.0-	0.0	11.2	52.0	0.0	100.32	1042**	12.0-40.0-	0.0	11.8	42.8	0.0	105.00	1044**	12.0-40.0-	0.0	12.0	42.0	0.0	103.85	1045**	12.0-40.0-	0.0	11.9	42.4	0.0	104.42	1046**	12.0-40.0-	0.0	11.9	42.4	0.0	104.42	1047**	12.0-40.0-	0.0	12.0	42.1	0.0	104.04	1181**	12.0-40.0-	0.0	11.8	42.7	0.0	104.81	1286**	12.0-40.0-	0.0	11.7	40.1	0.0	99.62	1287**	12.0-40.0-	0.0	12.1	41.6	0.0	103.27	1387**	12.0-40.0-	0.0	11.9	42.5	0.0	104.62	1388**	12.0-40.0-	0.0	12.1	41.7	0.0	103.46	1389**	12.0-40.0-	0.0	12.1	41.5	0.0	103.08	1390**	12.0-40.0-	0.0	12.0	41.1	0.0	102.12	1391**	12.0-40.0-	0.0	12.1	41.7	0.0	103.46	1393**	12.0-40.0-	0.0	12.3	41.1	0.0	102.69	1394**	12.0-40.0-	0.0	12.2	41.6	0.0	103.46	1488**	12.0-40.0-	0.0	12.1	42.0	0.0	104.04	1618**	12.0-40.0-	0.0	12.0	41.8	0.0	103.46	1619**	12.0-40.0-	0.0	12.0	41.8	0.0	103.46	1700**	12.0-40.0-	0.0	11.8	41.3	0.0	102.12	1701**	12.0-40.0-	0.0	12.0	41.8	0.0	103.46	1702**	12.0-40.0-	0.0	13.1	40.6	0.0	103.27	1704**	12.0-40.0-	0.0	11.9	41.3	0.0	102.31	1705**	12.0-40.0-	0.0	12.0	42.6	0.0	105.00	1767**	12.0-40.0-	0.0	12.0	41.8	0.0	103.46	0041	18.0-46.0-	0.0	18.0	46.5	0.0	100.78	0043	18.0-46.0-	0.0	18.2	46.7	0.0	101.41	0091	18.0-46.0-	0.0	18.1	46.4	0.0	100.78	0321	18.0-46.0-	0.0	18.2	46.6	0.0	101.25	0431	18.0-46.0-	0.0	18.1	46.8	0.0	101.41	0525	18.0-46.0-	0.0	17.9	46.2	0.0	100.16	0526	18.0-46.0-	0.0	17.7	45.6	0.0	98.91	0528	18.0-46.0-	0.0	17.9	46.3	0.0	100.31	0530	18.0-46.0-	0.0	18.3	46.5	0.0	101.25	0531	18.0-46.0-	0.0	17.9	46.0	0.0	99.84	0638	18.0-46.0-	0.0	18.6	46.7	0.0	102.03	0639	18.0-46.0-	0.0	17.9	46.0	0.0	99.84	0651	18.0-46.0-	0.0	17.6	46.3	0.0	99.84	0749	18.0-46.0-	0.0	18.2	46.4	0.0	100.94	0750	18.0-46.0-	0.0	18.4	46.4	0.0	101.25	0752	18.0-46.0-	0.0	17.9	46.2	0.0	100.16	0759	18.0-46.0-	0.0	18.0	46.6	0.0	100.94	0762	18.0-46.0-	0.0	17.8	46.5	0.0	100.47	0764	18.0-46.0-	0.0	17.8	46.6	0.0	100.63	0765	18.0-46.0-	0.0	18.4	46.7	0.0	101.72	0867	18.0-46.0-	0.0	17.8	45.8	0.0	99.38	0869	18.0-46.0-	0.0	17.7	46.1	0.0	99.69	0870	18.0-46.0-	0.0	17.7	46.2	0.0	99.84	0872	18.0-46.0-	0.0	17.8	46.0	0.0	99.69	0881	18.0-46.0-	0.0	17.9	46.6	0.0	100.78	1019	18.0-46.0-	0.0	17.8	46.2	0.0	100.00	1020	18.0-46.0-	0.0	17.8	46.3	0.0	100.16	1024	18.0-46.0-	0.0	18.4	46.6	0.0	101.56	1025	18.0-46.0-	0.0	17.9	46.1	0.0	100.00	1030	18.0-46.0-	0.0	18.0	46.5	0.0	100.78	1031	18.0-46.0-	0.0	18.0	46.5	0.0	100.78	1039	18.0-46.0-	0.0	17.9	46.2	0.0	100.16	1041	18.0-46.0-	0.0	17.8	46.6	0.0	100.63	1165	18.0-46.0-	0.0	17.7	46.7	0.0	100.63	1167	18.0-46.0-	0.0	17.8	46.5	0.0	100.47	1275	18.0-46.0-	0.0	17.6	45.7	0.0	98.91	1278	18.0-46.0-	0.0	18.4	46.2	0.0	100.94	1369	18.0-46.0-	0.0	17.9	45.8	0.0	99.53	1370	18.0-46.0-	0.0	17.9	46.0	0.0	99.84	1379	18.0-46.0-	0.0	18.0	46.0	0.0	100.00	1380	18.0-46.0-	0.0	18.1	46.5	0.0	100.94	1384	18.0-46.0-	0.0	17.7	46.3	0.0	100.00	1386	18.0-46.0-	0.0	17.8	46.2	0.0	100.00	1485	18.0-46.0-	0.0	18.0	46.1	0.0	100.16	1486	18.0-46.0-	0.0	18.0	46.2	0.0	100.31	1487	18.0-46.0-	0.0	17.8	45.9	0.0	99.53

BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	

MFA PLANT FOODS COLUMBIA, MO

1545	18.0-46.0- 0.0	18.0	45.9	0.0	99.84
1547	18.0-46.0- 0.0	18.0	46.2	0.0	100.31
1603	18.0-46.0- 0.0	17.8	46.0	0.0	99.69
1610	18.0-46.0- 0.0	17.8	46.1	0.0	99.84
1689	18.0-46.0- 0.0	17.9	46.5	0.0	100.63
1693	18.0-46.0- 0.0	17.7	46.6	0.0	100.47
1695	18.0-46.0- 0.0	17.6	46.1	0.0	99.53
0363**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43
0703**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
0823**	21.0- 0.0- 0.0	21.5	0.0	0.0	102.38
0360	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
0697	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
0698	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
0700	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
0701	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
0946	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1444	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
1455	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1522	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
1651	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
1652	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
0002	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
0023	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0025	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
0071	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0137	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0303	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0305	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0486	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0487	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0490	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0491	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0607	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0713	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0716	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0717	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0725	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0726	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0727	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0835	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0841	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
0956	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0957	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0958	46.0- 0.0- 0.0	45.8	0.0	0.0	99.57
0960	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0961	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1115	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1117	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1119	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1239	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1328	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1329	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1330	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
1460	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1526	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1665	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1666	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1667	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES 333 - SMPLS MISBRANDED 0 - 101.36					

MFA RIVER TERMINAL CARUTHERSVILLE, MO

1212	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
1189	0.0-46.0- 0.0	0.0	45.8	0.0	99.57
0758	18.0-46.0- 0.0	17.8	46.4	0.0	100.31
1178	18.0-46.0- 0.0	17.8	45.8	0.0	99.38
1128	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 0 - 100.10					

MFA PLANT FOODS HAYTI, MO

0117**	0.0- 0.0-22.0	0.0	0.0	22.3	101.36
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MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	

MFA PLANT FOODS HAYTI, MO

0124	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0193	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0279	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
0471	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
0567	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0681	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0802	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1209	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
1412	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1504	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
1562	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0253	0.0-46.0- 0.0	0.0	46.1	0.0	100.22
0544	0.0-46.0- 0.0	0.0	46.2	0.0	100.43
0657	0.0-46.0- 0.0	0.0	46.2	0.0	100.43
1495	0.0-46.0- 0.0	0.0	45.7	0.0	99.35
0542	12.0-40.0- 0.0	11.7	42.4	0.0	104.04
0099	18.0-46.0- 0.0	17.6	46.1	0.0	99.53
0158	18.0-46.0- 0.0	18.5	46.5	0.0	101.56
0242	18.0-46.0- 0.0	17.6	45.8	0.0	99.06
0436	18.0-46.0- 0.0	17.8	46.3	0.0	100.16
0535	18.0-46.0- 0.0	17.7	46.5	0.0	100.31
0645	18.0-46.0- 0.0	17.9	46.0	0.0	99.84
0756	18.0-46.0- 0.0	17.8	46.4	0.0	100.31
1175	18.0-46.0- 0.0	17.8	46.0	0.0	99.69
1372	18.0-46.0- 0.0	17.9	45.8	0.0	99.53
1481	18.0-46.0- 0.0	18.0	45.9	0.0	99.84
1548	18.0-46.0- 0.0	18.0	46.0	0.0	100.00
0135**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
0205**	21.0- 0.0- 0.0	21.4	0.0	0.0	101.90
0597**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00
0706**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00
0707**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
0708**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43
1229**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
1456**	21.0- 0.0- 0.0	21.4	0.0	0.0	101.90
1457**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
1577**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43
0021	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0073	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0215	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0416	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0493	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0723	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1125	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1325	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
#TOTALS - NO. SAMPLES 46 - SMPLS MISBRANDED 0 - 100.67					

MIDWEST AGRI-CHEMICO, INC CAPE GIRARDEAU, MO

0126	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
0128	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
0198	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
0276	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0277	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
0282	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
0351	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
0355	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
0399	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
0402	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0403	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
0458	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0467	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
0558	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0569	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
0676	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
0679	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
0680	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0800	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
0801	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0804	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1081	0.0- 0.0-60.0	0.0	0.0	61.3	102.17

BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
MIDWEST AGRI-CHEMICO, INC		CAPE GIRARDEAU, MO			
1084	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1086	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1195	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
1211	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1624	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1733	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
1740	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0129	0.0- 0.0-62.0	0.0	0.0	61.6	99.35
0818	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
0104	0.0-46.0- 0.0	0.0	45.6	0.0	99.13
0169	0.0-46.0- 0.0	0.0	46.2	0.0	100.43
0250	0.0-46.0- 0.0	0.0	46.2	0.0	100.43
0543	0.0-46.0- 0.0	0.0	46.0	0.0	100.00
0656	0.0-46.0- 0.0	0.0	46.4	0.0	100.87
1068	0.0-46.0- 0.0	0.0	46.4	0.0	100.87
1710	0.0-46.0- 0.0	0.0	46.4	0.0	100.87
1711	0.0-46.0- 0.0	0.0	45.4	0.0	98.70
1544	11.0-52.0- 0.0	11.0	52.9	0.0	101.43
0161	18.0-46.0- 0.0	18.0	46.0	0.0	100.00
0236	18.0-46.0- 0.0	18.5	46.5	0.0	101.56
0237	18.0-46.0- 0.0	18.2	46.4	0.0	100.94
0325	18.0-46.0- 0.0	18.5	46.8	0.0	102.03
0383	18.0-46.0- 0.0	18.5	46.5	0.0	101.56
0435	18.0-46.0- 0.0	19.1	45.5	0.0	100.94
0532	18.0-46.0- 0.0	18.5	46.9	0.0	102.19
0641	18.0-46.0- 0.0	18.2	44.0	0.0	97.19
0643	18.0-46.0- 0.0	18.5	46.4	0.0	101.41
0644	18.0-46.0- 0.0	18.5	46.5	0.0	101.56
1032	18.0-46.0- 0.0	17.8	45.3	0.0	98.59
1177	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
1553	18.0-46.0- 0.0	18.7	47.0	0.0	102.66
1602	18.0-46.0- 0.0	17.8	46.1	0.0	99.84
1611	18.0-46.0- 0.0	18.6	46.6	0.0	101.88
1696	18.0-46.0- 0.0	18.0	46.3	0.0	100.47
1524**	20.5- 0.0- 0.0	21.2	0.0	0.0	103.41
1653**	20.5- 0.0- 0.0	21.2	0.0	0.0	103.41
0209**	21.0- 0.0- 0.0	20.8	0.0	0.0	99.05
0480**	21.0- 0.0- 0.0	21.6	0.0	0.0	102.86
1110**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
1578**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
0292	33.5- 0.0- 0.0	34.1	0.0	0.0	101.79
0293	33.5- 0.0- 0.0	34.2	0.0	0.0	102.09
0407	33.5- 0.0- 0.0	33.9	0.0	0.0	101.19
0476	33.5- 0.0- 0.0	34.3	0.0	0.0	102.39
1645	33.5- 0.0- 0.0	33.7	0.0	0.0	100.60
1649	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
1650	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
0074	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0142	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0210	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0602	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
0721	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0963	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
1116	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1670	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
#TOTALS - NO. SAMPLES	77	- SMPLS MISBRANDED	0	-	100.85
MIDWEST AGRI-CHEMICO - LOUISIANA		CAPE GIRARDEAU, MO			
1090	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
1726	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
1727	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
1728	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
1729	0.0- 0.0-60.0	0.0	0.0	61.5	102.50
0591	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0687	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1307	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1438	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1359	11.0-52.0- 0.0	11.1	52.8	0.0	101.43
0164	18.0-46.0- 0.0	18.1	46.3	0.0	100.63
1037	18.0-46.0- 0.0	18.0	46.6	0.0	100.94

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
MIDWEST AGRI-CHEMICO - LOUISIANA		CAPE GIRARDEAU, MO			
1383	18.0-46.0- 0.0	18.2	46.7	0.0	101.41
1690	18.0-46.0- 0.0	18.8	48.3	0.0	104.84
1692	18.0-46.0- 0.0	18.5	47.3	0.0	102.81
#TOTALS - NO. SAMPLES	15	- SMPLS MISBRANDED	0	-	101.80
MIDWEST FERTILIZER INC		PAOLA, KS			
1717**	0.0- 0.0-20.0	0.0	0.0	22.3	111.50
0201	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0354	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
0466	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0917	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1422	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
1429	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0165	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
0322	18.0-46.0- 0.0	17.2	45.6	0.0	98.13
0879	18.0-46.0- 0.0	17.9	46.3	0.0	100.31
1378	18.0-46.0- 0.0	18.4	46.5	0.0	101.41
1385	18.0-46.0- 0.0	17.9	46.0	0.0	99.84
0362**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
1756**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52
0477	34.0- 0.0- 0.0	33.1	0.0	0.0	97.35
0945	34.0- 0.0- 0.0	33.8	0.0	0.0	99.41
1448	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
0304	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0838	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1327	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES	20	- SMPLS MISBRANDED	0	-	100.48
MONTANA SULPHUR & CHEMICAL CO		BILLINGS, MT			
1760**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES	1	- SMPLS MISBRANDED	0	-	100.00
MOSAIC CROP NUTRITION, LLC		LITHIA, FL			
1192**	0.0- 0.0-57.0	0.0	0.0	59.0	103.51
0199	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
0459	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
1083	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0289	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
0584	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0171	0.0-46.0- 0.0	0.0	45.9	0.0	99.78
0036	11.0-52.0- 0.0	11.7	52.8	0.0	102.38
0167**	12.0-40.0- 0.0	12.1	42.2	0.0	104.42
0249**	12.0-40.0- 0.0	12.0	42.1	0.0	104.04
0330**	12.0-40.0- 0.0	11.9	42.5	0.0	104.62
0331**	12.0-40.0- 0.0	11.8	42.2	0.0	103.85
0437**	12.0-40.0- 0.0	12.0	41.4	0.0	102.69
0771**	12.0-40.0- 0.0	11.8	42.7	0.0	104.81
0773**	12.0-40.0- 0.0	11.9	42.4	0.0	104.42
0885**	12.0-40.0- 0.0	12.0	42.3	0.0	104.42
1182**	12.0-40.0- 0.0	11.8	41.9	0.0	103.27
1184**	12.0-40.0- 0.0	12.0	42.0	0.0	103.85
1284**	12.0-40.0- 0.0	12.0	42.1	0.0	104.04
1392**	12.0-40.0- 0.0	12.1	42.0	0.0	104.04
1489**	12.0-40.0- 0.0	12.1	41.4	0.0	102.88
1491**	12.0-40.0- 0.0	12.1	42.3	0.0	104.62
1706**	12.0-40.0- 0.0	11.9	42.0	0.0	103.65
1707**	12.0-40.0- 0.0	11.9	42.0	0.0	103.65
1709**	12.0-40.0- 0.0	12.0	41.9	0.0	103.65
0044	18.0-46.0- 0.0	18.0	46.1	0.0	100.16
1033	18.0-46.0- 0.0	17.9	45.7	0.0	99.38
#TOTALS - NO. SAMPLES	27	- SMPLS MISBRANDED	0	-	102.98
OAKLEY FERTILIZER, INC		NORTH LITTLE ROCK, AR			
0286	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
0214	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
#TOTALS - NO. SAMPLES	2	- SMPLS MISBRANDED	0	-	101.25
OAKLEY MISSOURI, INC		CARUTHERSVILLE, MO			
0120	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
0122	0.0- 0.0-60.0	0.0	0.0	59.8	99.67

BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value	MANUFACTURER		% FOUND			% Relative Value												
No.	Grade	Nitrogen	P ₂ O ₅	Potash		No.	Grade	Nitrogen	P ₂ O ₅	Potash													
OAKLEY MISSOURI, INC					CARUTHERSVILLE, MO					RIVER BEND AG LLC					NEW MADRID, MO								
0283	0.0- 0.0-60.0	0.0	0.0	61.5	102.50	0682	0.0- 0.0-60.0	0.0	0.0	61.0	101.67	0283	0.0- 0.0-60.0	0.0	0.0	61.0	101.67	0916	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
0284	0.0- 0.0-60.0	0.0	0.0	60.1	100.17	0916	0.0- 0.0-60.0	0.0	0.0	61.7	102.83	0916	0.0- 0.0-60.0	0.0	0.0	61.7	102.83	0930	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0915	0.0- 0.0-60.0	0.0	0.0	60.6	101.00	0930	0.0- 0.0-60.0	0.0	0.0	60.9	101.50	1208	0.0- 0.0-60.0	0.0	0.0	61.3	102.17	1208	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
1638	0.0- 0.0-60.0	0.0	0.0	59.7	99.50	1210	0.0- 0.0-60.0	0.0	0.0	61.3	102.17	1210	0.0- 0.0-60.0	0.0	0.0	61.3	102.17	1299	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0105	0.0-46.0- 0.0	0.0	46.0	0.0	100.00	1299	0.0- 0.0-60.0	0.0	0.0	60.8	101.33	1502	0.0- 0.0-60.0	0.0	0.0	60.9	101.50	1502	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0168	0.0-46.0- 0.0	0.0	44.6	0.0	96.96*	1502	0.0- 0.0-60.0	0.0	0.0	60.9	101.50	1503	0.0- 0.0-60.0	0.0	0.0	60.9	101.50	1503	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0170	0.0-46.0- 0.0	0.0	46.0	0.0	100.00	1503	0.0- 0.0-60.0	0.0	0.0	60.9	101.50	1563	0.0- 0.0-60.0	0.0	0.0	61.4	102.33	1563	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
0387	0.0-46.0- 0.0	0.0	45.8	0.0	99.57	1623	0.0- 0.0-60.0	0.0	0.0	60.3	100.50	1623	0.0- 0.0-60.0	0.0	0.0	60.3	100.50	1625	0.0- 0.0-60.0	0.0	0.0	59.0	98.33
0894	0.0-46.0- 0.0	0.0	46.1	0.0	100.22	1625	0.0- 0.0-60.0	0.0	0.0	59.0	98.33	0103	0.0-45.0- 0.0	0.0	46.3	0.0	102.89	0103	0.0-45.0- 0.0	0.0	46.3	0.0	102.89
0895	0.0-46.0- 0.0	0.0	46.0	0.0	100.00	0103	0.0-45.0- 0.0	0.0	46.3	0.0	102.89	1620	0.0-45.0- 0.0	0.0	46.8	0.0	104.00	1620	0.0-45.0- 0.0	0.0	46.8	0.0	104.00
1067	0.0-46.0- 0.0	0.0	46.6	0.0	101.30	1620	0.0-45.0- 0.0	0.0	46.8	0.0	104.00	0252	0.0-46.0- 0.0	0.0	46.4	0.0	100.87	0252	0.0-46.0- 0.0	0.0	46.4	0.0	100.87
1494	0.0-46.0- 0.0	0.0	46.8	0.0	101.74	0443	0.0-46.0- 0.0	0.0	46.7	0.0	101.52	0443	0.0-46.0- 0.0	0.0	46.7	0.0	101.52	0048**	12.0-40.0- 0.0	12.2	40.9	0.0	102.12
1540	11.0-52.0- 0.0	11.5	51.9	0.0	100.63	0048**	12.0-40.0- 0.0	12.2	40.9	0.0	102.12	0101**	12.0-40.0- 0.0	11.8	41.4	0.0	102.31	0101**	12.0-40.0- 0.0	11.8	41.4	0.0	102.31
0094	18.0-46.0- 0.0	17.3	46.1	0.0	99.06	0101**	12.0-40.0- 0.0	11.8	41.4	0.0	102.31	0102**	12.0-40.0- 0.0	11.9	40.5	0.0	100.77	0102**	12.0-40.0- 0.0	11.9	40.5	0.0	100.77
0095	18.0-46.0- 0.0	17.4	45.2	0.0	97.81	0102**	12.0-40.0- 0.0	11.9	40.5	0.0	100.77	0327	12.0-40.0- 0.0	12.0	41.4	0.0	102.69	0327	12.0-40.0- 0.0	12.0	41.4	0.0	102.69
0246	18.0-46.0- 0.0	17.6	45.4	0.0	98.44	0327	12.0-40.0- 0.0	12.0	41.4	0.0	102.69	0774**	12.0-40.0- 0.0	11.9	42.4	0.0	104.42	0774**	12.0-40.0- 0.0	11.9	42.4	0.0	104.42
0647	18.0-46.0- 0.0	17.7	45.4	0.0	98.59	0774**	12.0-40.0- 0.0	11.9	42.4	0.0	104.42	1285**	12.0-40.0- 0.0	12.0	42.4	0.0	104.62	1285**	12.0-40.0- 0.0	12.0	42.4	0.0	104.62
0875	18.0-46.0- 0.0	18.3	46.3	0.0	100.94	1285**	12.0-40.0- 0.0	12.0	42.4	0.0	104.62	1616**	12.0-40.0- 0.0	12.0	42.7	0.0	105.19	1616**	12.0-40.0- 0.0	12.0	42.7	0.0	105.19
1271	18.0-46.0- 0.0	18.4	46.6	0.0	101.56	1616**	12.0-40.0- 0.0	12.0	42.7	0.0	105.19	1617**	12.0-40.0- 0.0	12.0	41.9	0.0	103.65	1617**	12.0-40.0- 0.0	12.0	41.9	0.0	103.65
0133**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43	1617**	12.0-40.0- 0.0	12.0	41.9	0.0	103.65	0039	18.0-46.0- 0.0	17.9	45.9	0.0	99.69	0039	18.0-46.0- 0.0	17.9	45.9	0.0	99.69
0134**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95	0039	18.0-46.0- 0.0	17.9	45.9	0.0	99.69	0040	18.0-46.0- 0.0	17.9	45.0	0.0	98.28	0040	18.0-46.0- 0.0	17.9	45.0	0.0	98.28
0300**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95	0040	18.0-46.0- 0.0	17.9	45.0	0.0	98.28	0096	18.0-46.0- 0.0	17.5	46.3	0.0	99.69	0096	18.0-46.0- 0.0	17.5	46.3	0.0	99.69
1657**	21.0- 0.0- 0.0	21.4	0.0	0.0	101.90	0096	18.0-46.0- 0.0	17.5	46.3	0.0	99.69	0097	18.0-46.0- 0.0	17.5	45.7	0.0	98.75	0097	18.0-46.0- 0.0	17.5	45.7	0.0	98.75
0131	33.5- 0.0- 0.0	34.1	0.0	0.0	101.79	0097	18.0-46.0- 0.0	17.5	45.7	0.0	98.75	0098	18.0-46.0- 0.0	17.6	46.0	0.0	99.38	0098	18.0-46.0- 0.0	17.6	46.0	0.0	99.38
0132	33.5- 0.0- 0.0	33.8	0.0	0.0	100.90	0098	18.0-46.0- 0.0	17.6	46.0	0.0	99.38	0160	18.0-46.0- 0.0	17.7	45.1	0.0	98.13	0160	18.0-46.0- 0.0	17.7	45.1	0.0	98.13
0603	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52	0160	18.0-46.0- 0.0	17.7	45.1	0.0	98.13	0243	18.0-46.0- 0.0	17.8	44.8	0.0	97.81	0243	18.0-46.0- 0.0	17.8	44.8	0.0	97.81
0837	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	0243	18.0-46.0- 0.0	17.8	44.8	0.0	97.81	0244	18.0-46.0- 0.0	17.8	45.9	0.0	99.53	0244	18.0-46.0- 0.0	17.8	45.9	0.0	99.53
0964	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30	0244	18.0-46.0- 0.0	17.8	45.9	0.0	99.53	0245	18.0-46.0- 0.0	17.8	45.7	0.0	99.22	0245	18.0-46.0- 0.0	17.8	45.7	0.0	99.22
#TOTALS - NO. SAMPLES	30 - SMPLS	MISBRANDED	1 -	100.21		0245	18.0-46.0- 0.0	17.8	45.7	0.0	99.22	0320	18.0-46.0- 0.0	17.5	46.0	0.0	99.22	0320	18.0-46.0- 0.0	17.5	46.0	0.0	99.22
PCS SALES USA INC					NORTHBROOK, IL					0384					18.0-46.0- 0.0								
0554	0.0- 0.0-60.0	0.0	0.0	60.7	101.17	0384	18.0-46.0- 0.0	17.5	45.9	0.0	99.06	0384	18.0-46.0- 0.0	17.5	45.9	0.0	99.06	0433	18.0-46.0- 0.0	17.8	46.1	0.0	99.84
0573	0.0- 0.0-60.0	0.0	0.0	60.3	100.50	0433	18.0-46.0- 0.0	17.8	46.1	0.0	99.84	0433	18.0-46.0- 0.0	17.8	46.1	0.0	99.84	0434	18.0-46.0- 0.0	17.9	46.3	0.0	100.31
1415	0.0- 0.0-60.0	0.0	0.0	59.8	99.67	0434	18.0-46.0- 0.0	17.9	46.3	0.0	100.31	0434	18.0-46.0- 0.0	17.9	46.3	0.0	100.31	0533	18.0-46.0- 0.0	17.6	45.8	0.0	99.06
1416	0.0- 0.0-60.0	0.0	0.0	60.6	101.00	0533	18.0-46.0- 0.0	17.6	45.8	0.0	99.06	0533	18.0-46.0- 0.0	17.6	45.8	0.0	99.06	0534	18.0-46.0- 0.0	17.7	46.5	0.0	100.31
1566	0.0- 0.0-60.0	0.0	0.0	60.2	100.33	0534	18.0-46.0- 0.0	17.7	46.5	0.0	100.31	0534	18.0-46.0- 0.0	17.7	46.5	0.0	100.31	0536	18.0-46.0- 0.0	17.8	46.2	0.0	100.00
1306	0.0- 0.0-62.0	0.0	0.0	62.7	101.13	0536	18.0-46.0- 0.0	17.8	46.2	0.0	100.00	0536	18.0-46.0- 0.0	17.8	46.2	0.0	100.00	0646	18.0-46.0- 0.0	18.1	45.9	0.0	100.00
0033	11.0-52.0- 0.0	11.5	51.8	0.0	100.48	0646	18.0-46.0- 0.0	18.1	45.9	0.0	100.00	0646	18.0-46.0- 0.0	18.1	45.9	0.0	100.00	0755	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
0034	11.0-52.0- 0.0	11.4	51.8	0.0	100.32	0755	18.0-46.0- 0.0	17.7	45.9	0.0	99.38	0755	18.0-46.0- 0.0	17.7	45.9	0.0	99.38	0757	18.0-46.0- 0.0	17.6	45.9	0.0	99.22
0035	11.0-52.0- 0.0	11.6	51.7	0.0	100.48	0757	18.0-46.0- 0.0	17.6	45.9	0.0	99.22	0757	18.0-46.0- 0.0	17.6	45.9	0.0	99.22	0876	18.0-46.0- 0.0	17.8	45.9	0.0	99.53
0502	11.0-52.0- 0.0	11.1	52.6	0.0	101.11	0876	18.0-46.0- 0.0	17.8	45.9	0.0	99.53	0876	18.0-46.0- 0.0	17.8	45.9	0.0	99.53	0877	18.0-46.0- 0.0	17.8	46.4	0.0	100.31
0511	11.0-52.0- 0.0	11.1	52.5	0.0	100.95	0877	18.0-46.0- 0.0	17.8	46.4	0.0	100.31	0877	18.0-46.0- 0.0	17.8	46.4	0.0	100.31	0878	18.0-46.0- 0.0	17.9	46.7	0.0	100.94
1011	11.0-52.0- 0.0	11.4	52.2	0.0	100.95	0878	18.0-46.0- 0.0	17.9	46.7	0.0	100.94	0878	18.0-46.0- 0.0	17.9	46.7	0.0	100.94	1176	18.0-46.0- 0.0	17.5	45.7	0.0	98.75
1255	11.0-52.0- 0.0	11.2	53.1	0.0	102.06	1176	18.0-46.0- 0.0	17.5	45.7	0.0	98.75	1176	18.0-46.0- 0.0	17.5	45.7	0.0	98.75	1179	18.0-46.0- 0.0	17.8	46.0	0.0	99.69
1352	11.0-52.0- 0.0	11.1	51.9	0.0	100.00	1179	18.0-46.0- 0.0	17.8	46.0	0.0	99.69	1179	18.0-46.0- 0.0	17.8	46.0	0.0	99.69	1272	18.0-46.0- 0.0	17.7	45.6	0.0	98.91
1353	11.0-52.0- 0.0	11.0	51.7	0.0	99.52	1272	18.0-46.0- 0.0	17.7	45.6	0.0	98.91	1272	18.0-46.0- 0.0	17.7	45.6	0.0	98.91	1479	18.0-46.0- 0.0	17.9	46.3	0.0	100.31
1542	11.0-52.0- 0.0	11.4	52.2	0.0	100.95	1479	18.0-46.0- 0.0	17.9	46.3	0.0	100.31	1479	18.0-46.0- 0.0	17.9	46.3								

BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
RIVER BEND AG LLC		NEW MADRID, MO			
1654**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43
0213	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0216	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0217	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0302	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0417	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0492	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0604	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0605	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0966	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1124	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1126	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1127	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1237	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
1459	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1527	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1580	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
1581	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES	104 - SMPLS MISBRANDED	0	0	0	100.09
RIVERPORT		PADUCAH, KY			
0803	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0754	18.0-46.0- 0.0	17.6	45.8	0.0	99.06
0722	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES	3 - SMPLS MISBRANDED	0	0	0	100.32
SOUTH CENTRAL COOP		CAINSVILLE, MO			
0382	11.0-52.0- 0.0	11.1	52.1	0.0	100.32
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0	0	0	100.32
SOUTH CENTRAL COOP		LAMONI, IA			
0563	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0166**	12.0-40.0- 0.0	12.9	40.1	0.0	101.92
0538**	12.0-40.0- 0.0	12.9	39.5	0.0	100.77
0489	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
#TOTALS - NO. SAMPLES	4 - SMPLS MISBRANDED	0	0	0	101.08
SUR-GRO PLANT FOOD		COWGILL, MO			
0065	0.0- 0.0-62.0	0.0	0.0	61.3	98.87
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0	0	0	98.87
SUR-GRO PLANT FOOD		PLATTSBURG, MO			
0474	0.0- 0.0-62.4	0.0	0.0	62.4	100.00
1097	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1102	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
1001	11.0-52.0- 0.0	11.1	53.2	0.0	102.06
1023	18.0-46.0- 0.0	17.8	46.1	0.0	99.84
1028	18.0-46.0- 0.0	18.0	46.3	0.0	100.47
0026	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES	7 - SMPLS MISBRANDED	0	0	0	100.68
T & R SOIL SERVICE		CHILLICOTHE, MO			
0358	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
0324	18.0-46.0- 0.0	17.6	46.2	0.0	99.69
0306	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES	3 - SMPLS MISBRANDED	0	0	0	100.53
TENNESSEE FARMERS CO-OP		LAVERGNE, TN			
1413	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1371	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
1326	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
#TOTALS - NO. SAMPLES	3 - SMPLS MISBRANDED	0	0	0	100.46
TOM'S AGSPRAY,LLC		MERCER, MO			
0406	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
0381	11.0-52.0- 0.0	11.4	52.6	0.0	101.59
#TOTALS - NO. SAMPLES	2 - SMPLS MISBRANDED	0	0	0	101.06
TRANSAMMONIA, INC		TAMPA, FL			
0251	0.0-46.0- 0.0	0.0	46.5	0.0	101.09

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
TRANSAMMONIA, INC		TAMPA, FL			
1288	0.0-46.0- 0.0	0.0	46.1	0.0	100.22
1660	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1662	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES	4 - SMPLS MISBRANDED	0	0	0	100.86
UNITED SUPPLIERS, INC		ELDORA, IA			
0792	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1199	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1769	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
0061	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
0202	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
0810	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
0811	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1439	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
0027	11.0-52.0- 0.0	12.2	52.5	0.0	102.70
0028	11.0-52.0- 0.0	11.8	51.3	0.0	100.16
0029	11.0-52.0- 0.0	12.0	52.7	0.0	102.70
0154	11.0-52.0- 0.0	12.0	51.2	0.0	100.32
0743	11.0-52.0- 0.0	11.9	52.7	0.0	102.54
1015	11.0-52.0- 0.0	11.4	52.1	0.0	100.79
1151	11.0-52.0- 0.0	11.1	52.4	0.0	100.79
1361	11.0-52.0- 0.0	11.0	52.4	0.0	100.63
1362	11.0-52.0- 0.0	11.2	52.2	0.0	100.63
1472	11.0-52.0- 0.0	11.4	52.1	0.0	100.79
1678	11.0-52.0- 0.0	11.6	52.8	0.0	102.22
1764	11.0-52.0- 0.0	11.6	52.4	0.0	101.59
0047**	12.0-40.0- 0.0	12.0	42.5	0.0	104.81
0009	18.0-46.0- 0.0	18.4	45.6	0.0	100.00
1655**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43
0820	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
0019	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0020	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0719	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0968	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES	28 - SMPLS MISBRANDED	0	0	0	101.32
UNITED SUPPLIERS, INC		ST JOSEPH, MO			
0465	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0555	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0556	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0673	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
0674	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0788	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0791	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0795	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0799	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1092	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1093	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
1198	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1427	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1430	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1506	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1507	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1561	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
1735	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
1737	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
1757	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1515	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
0030	11.0-52.0- 0.0	11.2	52.1	0.0	100.48
0031	11.0-52.0- 0.0	11.1	52.2	0.0	100.48
0032	11.0-52.0- 0.0	11.8	52.2	0.0	101.59
0503	11.0-52.0- 0.0	11.3	51.9	0.0	100.32
0504	11.0-52.0- 0.0	11.1	52.1	0.0	100.32
0621	11.0-52.0- 0.0	11.1	52.1	0.0	100.32
0622	11.0-52.0- 0.0	11.1	52.2	0.0	100.48
0623	11.0-52.0- 0.0	11.1	51.7	0.0	99.68
1017	11.0-52.0- 0.0	11.2	52.5	0.0	101.11
1360	11.0-52.0- 0.0	11.5	52.3	0.0	101.27
1473	11.0-52.0- 0.0	11.5	52.0	0.0	100.79
1679	11.0-52.0- 0.0	11.6	52.6	0.0	101.90

BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
UNITED SUPPLIERS, INC		ST JOSEPH, MO			
0042	18.0-46.0- 0.0	18.3	46.6	0.0	101.41
1736**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52
0024	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES		36	- SMPLS MISBRANDED	0	- 100.79
UNITED SUPPLIERS, INC		ST LOUIS, MO			
0163	18.0-46.0- 0.0	18.0	46.4	0.0	100.63
0537	18.0-46.0- 0.0	17.7	46.3	0.0	100.00
1112**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
#TOTALS - NO. SAMPLES		3	- SMPLS MISBRANDED	0	- 100.40
WHITWORTH AG SPECIALTIES LLC		WORTHINGTON, MO			
0648	18.0-46.0- 0.0	17.5	46.0	0.0	99.22
0606	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
#TOTALS - NO. SAMPLES		2	- SMPLS MISBRANDED	0	- 99.72

 * Subject to penalty (either 10% or two units deficient from guarantee in nutrient indicated, or 3% deficient in total value).

** Sample analyzed for guaranteed secondary or micronutrients, the results are tabulated beginning page 19.

Totals from July 1, 2013

BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
A & L AG CENTER		SEDALIA, MO			
1321	20.5- 9.0-18.5	20.9	9.7	18.3	102.58
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 102.58
AG COOP SERVICES INC		BOONVILLE, MO			
1442	14.6-12.5-25.1	13.3	13.2	28.0	102.14
1443	14.6-12.5-25.1	13.2	13.6	28.0	102.90
#TOTALS - NO. SAMPLES		2	- SMPLS MISBRANDED	0	- 102.52
AG COOP SERVICES INC		LA MONTE, MO			
1589**	4.8-22.8-31.9	5.0	23.4	32.0	101.95
1590**	4.8-22.8-31.9	5.0	23.2	32.3	101.84
1586**	8.6-21.9-29.3	4.5*	20.8	33.2	92.80*
#TOTALS - NO. SAMPLES		3	- SMPLS MISBRANDED	1	- 98.79
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
0735**	4.6-22.1-31.0	4.9	22.9	30.8	102.37
0736**	4.6-22.1-31.0	4.8	24.0	30.4	104.27
1338	5.9-28.2-28.2	6.0	27.7	29.0	100.00
0988**	8.9-20.1-24.1	9.1	22.1	23.4	104.51
0989**	8.9-20.1-24.1	8.9	20.4	24.8	101.58
0979	9.8-21.0-31.4	9.6	21.4	31.3	100.32
#TOTALS - NO. SAMPLES		6	- SMPLS MISBRANDED	0	- 102.08
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
1342**	5.6-26.5-26.5	5.8	27.0	26.5	101.54
1343**	5.6-26.5-26.5	5.7	26.4	27.3	100.88
#TOTALS - NO. SAMPLES		2	- SMPLS MISBRANDED	0	- 101.21
BARTLETT & COMPANY, L.P.		HIGGINSVILLE, MO			
0997**	4.1-19.7-32.8	4.3	20.0	33.4	101.99
0994**	4.3-20.3-30.5	4.3	20.8	31.2	102.13
0995**	4.3-20.6-30.9	4.5	21.1	31.6	102.60
0996**	4.3-20.6-30.9	4.4	20.4	32.4	101.61
1341**	5.7-27.0-27.0	5.9	28.4	26.1	102.49
1587**	8.0-23.8-23.9	8.2	25.0	23.4	102.63
1583**	9.6-26.5-16.5	10.1	27.6	16.3	103.38
1584**	9.6-26.5-16.5	9.9	27.1	17.0	102.59
#TOTALS - NO. SAMPLES		8	- SMPLS MISBRANDED	0	- 102.44
CENTRAL MISSOURI AGRISERVICE LLC		BLACKBURN, MO			
1671**	4.2-20.0-35.0	4.5	19.9	35.3	100.84
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 100.84
CENTRAL MISSOURI AGRISERVICE LLC		MALTA BEND, MO			
1339**	5.8-27.5-26.2	6.1	28.1	25.5	101.19
1340**	5.8-27.5-26.2	6.0	29.0	24.6	101.94
#TOTALS - NO. SAMPLES		2	- SMPLS MISBRANDED	0	- 101.56
CENTRAL MISSOURI AGRISERVICE LLC		SLATER, MO			
1534**	4.8-22.7-30.3	5.3	24.8	28.2*	103.63
1535**	4.8-22.7-30.3	4.8	22.2	31.0	99.65
1530**	5.2-24.8-24.8	5.4	25.0	24.4	100.47
1531**	5.2-24.8-24.8	5.4	24.8	25.4	101.18
#TOTALS - NO. SAMPLES		4	- SMPLS MISBRANDED	1	- 101.23
CHULA FARMERS COOPERATIVE		CHULA, MO			
1469	11.7-30.0-21.4	12.1	31.2	20.4	102.10
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 102.10
CMMP, INC.		CALIFORNIA, MO			
1622	3.0- 3.0- 2.0	4.0	3.8	2.9	132.14
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 132.14
CROP PRODUCTION SERVICES-448		WESTBORO, MO			
1532**	5.0-23.8-27.8	5.3	24.5	28.0	102.58
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 102.58
FARMERS AG CENTER		MOUNTAIN GROVE, MO			
0475	26.1- 0.0-13.1	28.0	0.0	10.5*	101.84
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	1	- 101.84

BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
FARMERS COOPERATIVE SERVICES, INC		PALMYRA, MO			
1130**	12.5-22.6-22.6	13.9	27.2	17.4*	107.33
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	107.33
GUIER CHEMICAL & FERTILIZER		HOUSTONIA, MO			
1761**	10.3-26.4-26.4	10.3	26.2	25.4	98.60
1762**	10.3-26.4-26.4	9.9	25.7	26.2	97.60
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	98.09
HAMPTON ALTERNATIVE ENERGY PRODUCTS		BRUNSWICK, MO			
1404**	1.2- 1.3- 0.4	1.3	2.2	0.6	140.74
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	140.74
HEIMAN INC		ROCKVILLE, MO			
1336	9.0-25.0-25.0	10.3	26.6	25.6	106.88
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	106.88
HEIMSOOTH AGRI SERVICE INC		CORDER, MO			
1347**	3.5-18.5-34.0	3.8	18.6	35.4	102.82
1588**	5.5-27.0-27.0	5.7	27.7	27.5	102.50
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	102.64
JONES BROS. AGRI SERVICE, LLC		LA MONTE, MO			
1247	8.5-22.5-30.0	8.9	22.8	30.8	102.39
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	102.39
KOTTWITZ FERT. CO.		OSCEOLA, MO			
1461	19.0-19.0-19.0	18.4	20.4	20.7	103.47
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	103.47
LAWSON AGRI SERVICES, LLC		LAWSON, MO			
0898	23.5- 9.4-11.3	16.4*	1.6*	16.2	67.70*
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	67.70
LOGANBILL FERTILIZER INC.		SYRACUSE, MO			
0620	9.0-23.0-31.0	9.6	23.6	29.4	100.84
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.84
MARTHASVILLE AG CENTER		MARTHASVILLE, MO			
0499**	3.5- 9.5-47.5	3.7	9.8	47.7	101.63
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.63
MFA AGRI SERVICES		BOONVILLE, MO			
1049**	6.8-22.7-26.6	7.0	24.6	26.3	104.56
1050**	6.8-22.8-26.6	7.0	24.6	26.0	103.96
1712**	6.9-23.0-26.2	7.1	24.7	25.6	103.72
1713**	6.9-23.0-26.2	6.9	24.0	26.7	102.91
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	103.78
MFA AGRI SERVICES		CHAFFEE, MO			
0737**	10.0-23.0-26.0	10.0	23.4	26.6	101.52
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.52
MFA AGRI SERVICES		CHILLICOTHE, MO			
0992	4.8-22.7-34.2	4.6	22.1	34.6	98.65
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.65
MFA AGRI SERVICES		HIGGINSVILLE, MO			
1397**	6.7-22.4-26.8	6.8	24.5	26.1	104.35
1398**	6.7-22.4-26.8	6.9	24.7	25.9	104.82
1714**	6.7-25.7-25.6	7.0	28.0	24.5	104.54
1715**	6.7-25.7-25.6	7.0	27.4	24.9	103.65
1716	6.7-25.7-25.6	7.0	27.9	24.3	104.09
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	0 -	104.28
MFA AGRI SERVICES		KIRKSVILLE, MO			
1409	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1351	11.0-52.0- 0.0	11.3	51.6	0.0	99.84
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.10

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
MFA AGRI SERVICES		LEXINGTON, MO			
1621**	6.9-26.9-23.6	7.1	28.2	23.7	103.40
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	103.40
MFA AGRI SERVICES		MAYSVILLE, MO			
1396**	7.2-23.9-24.0	7.3	25.7	24.5	104.99
1335	10.1-26.0-26.0	10.3	26.4	25.8	101.02
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	102.87
MFA AGRI SERVICES		NORBORNE, MO			
1143**	4.3-20.5-13.7	4.1	19.6	13.3	95.89*
1470	5.1-24.1-32.1	5.3	24.1	32.6	100.99
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	1 -	98.89
MFA AGRI SERVICES		SALISBURY, MO			
0498	6.6-18.5-31.8	6.3	17.9	34.1	100.61
0849	9.0-23.0-31.3	8.6	22.6	31.8	98.84
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	99.66
MFA AGRI SERVICES		SEDALIA, MO			
1053**	5.1-17.1-34.2	5.1	17.8	35.4	103.31
1048**	7.9-19.0-28.5	8.1	20.6	28.8	104.74
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	104.03
MFA AGRI SERVICES		TIPTON, MO			
0974	19.3-14.4-24.1	18.7	14.5	24.6	99.45
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.45
MFA EXCHANGE - META		META, MO			
0733	12.0-12.0-12.0	12.9	12.6	12.2	105.33
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	105.33
MID MISSOURI ENVIRO AGRI SERVICES		EMMA, MO			
1496**	12.5-21.7-21.7	12.7	23.0	22.1	103.77
0897**	17.8-17.8-17.8	17.3	22.2	18.6	109.66
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	106.70
MONTROSE AGRI SERVICE		MONTROSE, MO			
1585	9.0-24.0-29.0	10.2	26.4	27.1	105.58
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	105.58
NORTHEAST MO COOPERATIVE SERVICE		EDINA, MO			
1529	7.0-18.0-36.0	6.4	16.6	39.1	98.95
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.95
PILOT GROVE COOPERATIVE ELEVATOR		PILOT GROVE, MO			
1345	5.0-23.5-32.5	4.8	23.6	33.4	100.78
1346	5.0-23.5-32.5	4.8	23.3	33.4	100.11
1344	5.5-24.5-32.5	5.1	24.8	33.4	100.76
0987	9.0-23.0-31.0	8.9	23.5	30.3	100.11
0978	10.0-20.5-31.0	9.9	21.6	30.4	101.52
0976**	15.0-19.0-22.5	14.2	15.0*	27.1	94.48*
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED	1 -	99.63
QUINN FARM SUPPLY, INC		MONROE CITY, MO			
1536	4.0-19.0-35.0	4.3	20.2	36.7	105.80
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	105.80
RAY CARROLL COUNTY GRAIN GROWERS		BRUNSWICK, MO			
1401**	5.4-20.0-32.8	5.7	21.1	32.7	103.23
1051**	6.7-25.1-26.0	6.9	26.4	26.2	103.57
1052**	6.7-25.1-26.0	6.9	26.3	26.4	103.57
1399**	6.6-26.6-26.6	6.5	26.8	27.5	101.18
1400**	6.6-26.6-26.6	6.6	27.0	27.1	101.40
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	0 -	102.56
RAY-CARROLL COUNTY GRAIN GROWERS		HARDIN, MO			
1141**	4.7-23.5-26.9	5.4	25.2	25.2	103.72
1142**	4.7-23.5-26.9	5.3	24.6	26.0	103.00
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	103.36

LIQUID FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
RAY-CARROLL COUNTY GRAIN GROWERS		MAYVIEW, MO			
0998**	1.8- 9.2-46.2	1.9	9.1	47.3	101.61
0993**	4.5-20.7-31.1	4.5	20.8	32.0	101.35
0728	10.9-16.3-32.7	10.9	16.2	33.6	100.80
1395**	15.2-12.7-25.4	15.8	13.0	26.2	103.20
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	101.72
RICKETT'S FARM SERVICE		SHELBYNA, MO			
1533	5.0-23.9-33.4	5.0	23.2	34.2	99.34
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.34
SERVICE AND SUPPLY COOP-JONESBERG		BELLFLOWER, MO			
1246**	9.0-22.0-29.0	7.5*	19.4*	34.5	97.03
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	97.03
SERVICE AND SUPPLY COOPERATIVE, INC		NEW FLORENCE, MO			
0619	9.0-23.1-30.8	8.2	22.6	32.2	98.74
1528	11.0-25.8-25.8	11.5	26.8	24.7	101.91
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.36
SUR-GRO PLANT FOOD		SHERIDAN, MO			
0850	5.9-28.2-28.2	6.4	28.5	28.3	101.76
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.76
UNITED COOPERATIVES INC		OSBORN, MO			
1337	7.0-20.0-34.0	7.4	19.2	33.5	98.52
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.52

* Subject to penalty (either 10% or two units deficient from guarantee in nutrient indicated, or 3% deficient in total value).

** Sample analyzed for guaranteed secondary or micronutrients, the results are tabulated beginning page 19

Totals from July 1, 2013

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P ₂ O ₅	Potash	
CENTRAL MISSOURI AGRISERVICE LLC		BLACKBURN, MO			
0831**	5.1-11.8- 8.2	5.3	12.0	8.9	103.57
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	103.57
CF INDUSTRIES SALES LLC		DEERFIELD, IL			
0482	32.0- 0.0- 0.0	32.6	0.0	0.0	101.88
0483	32.0- 0.0- 0.0	32.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.93
GAVILON FERTILIZER LLC		SAUGET, IL			
0070	32.0- 0.0- 0.0	31.9	0.0	0.0	99.69
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.69
MERSCHMAN FERTILIZER LLC-(FT MADISON)		WEST POINT, IA			
0069	3.0- 9.0-12.0	3.1	9.0	12.4	101.67
0484	3.0- 9.0-12.0	3.2	9.0	11.7	100.28
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.97
MFA AGRI SERVICES		ROLLA, MO			
0830	0.1- 0.1- 0.1	4.2	1.7	2.5	28,600.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	28,600.00
MONTY'S PLANT FOOD CO, INC		LOUISVILLE, KY			
0710	4.0- 5.0- 2.0	4.4	6.3	2.9	121.50
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	121.50
NA-CHURS/ALPINE SOLUTIONS		MARION, OH			
0410	3.0-18.0-18.0	3.2	18.9	18.3	104.17
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	104.17
RICKETTS FARM SERVICE INC		SALISBURY, MO			
1231	10.0-30.0- 0.0	10.3	30.6	0.0	102.25
1232	10.0-30.0- 0.0	10.3	30.2	0.0	101.25
1233	10.0-30.0- 0.0	10.3	30.2	0.0	101.25
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	101.58
WEST CENTRAL AGRISERVICES, LLC		CHILHOWEE, MO			
1458	28.0- 0.0- 0.0	31.9	0.0	0.0	113.93
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	113.93

* Subject to penalty (either 10% or two units deficient from guarantee in nutrient indicated, or 3% deficient in total value).

** Sample analyzed for guaranteed secondary or micronutrients, the results are tabulated beginning page 19.

Totals from July 1, 2013

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 13F#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Na		% Zn	
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
ADM FERTILIZER, MINNEAPOLIS, MN																					
13F-0766	11.0-40.0-0.0	....	....	....	....	12.0	11.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
AG COOP SERVICES, INC, LA MONTE, MO																					
13F-1586	8.6-21.9-29.3	....	....	....	....	4.0	7.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1589	4.8-22.8-31.9	....	....	....	....	4.0	4.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1590	4.8-22.8-31.9	....	....	....	....	4.0	4.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
AGRISERVICES OF BRUNSWICK LLC, BRUNSWICK, MO																					
13F-1342	5.6-26.5-26.5	....	....	....	....	5.7	6.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1343	5.6-26.5-26.5	....	....	....	....	5.7	6.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
AGRISERVICES OF BRUNSWICK LLC, WEST, BRUNSWICK, MO																					
13F-0735	4.6-22.1-31.0	....	....	....	....	6.6	6.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0736	4.6-22.1-31.0	....	....	....	....	6.6	6.0*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0988	8.9-20.1-24.1	....	....	....	....	5.3	6.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0989	8.9-20.1-24.1	....	....	....	....	5.3	6.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
AGRISERVICES OF BRUNSWICK LLC, WEST, BRUNSWICK, MO																					
13F-0827	0.0-0.0-0.0	....	....	....	....	90.0	91.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1227	21.0-0.0-0.0	....	....	....	....	24.0	23.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1656	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1758	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1759	0.0-0.0-0.0	....	....	....	....	90.0	91.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
AGRISERVICES OF BRUNSWICK LLC, BRUNSWICK, MO																					
13F-0438	12.0-45.0-0.0	....	....	....	....	6.0	5.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0439	12.0-45.0-0.0	....	....	....	....	6.0	5.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0440	12.0-45.0-0.0	....	....	....	....	6.0	5.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0776	12.0-45.0-0.0	....	....	....	....	6.0	5.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0777	12.0-45.0-0.0	....	....	....	....	6.0	5.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
AMERICAN PLANT FOOD CORPORATION, GALENA PARK, TX																					
13F-0423	13.0-13.0-13.0	....	....	....	....	11.0	11.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0478	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1113	21.0-0.0-0.0	....	....	....	....	24.0	24.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
BARTLETT & COMPANY, L.P., HIGGINSVILLE, MO																					
13F-0994	4.3-20.3-30.5	....	....	....	....	8.1	8.4	....	....	....	....	....	....	....	....	....	....	....	....	....	0.35 0.29*
13F-0995	4.3-20.6-30.9	....	....	....	....	7.7	7.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0996	4.3-20.6-30.9	....	....	....	....	7.7	7.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0997	4.1-19.7-32.8	....	....	....	....	6.5	7.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1341	5.7-27.0-27.0	....	....	....	....	2.7	3.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1583	9.6-26.5-16.5	....	....	....	....	4.9	6.0	....	....	....	....	....	....	....	....	....	....	....	....	....	0.66 0.94
13F-1584	9.6-26.5-16.5	....	....	....	....	4.9	6.2	....	....	....	....	....	....	....	....	....	....	....	....	....	0.66 0.79
13F-1587	8.0-23.8-23.9	....	....	....	....	3.4	4.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
BAYER ADVANCED LLC, RESEARCH TRIANGLE PARK, NC																					
13F-0666	6.0-9.0-6.0	....	....	....	....	2.0	3.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
BEN-TREI TERMINALS, LLC-SPRINGFIELD, TULSA, OK																					
13F-0396	0.0-0.0-21.0	....	....	11.0	11.5	22.0	21.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
BEN-TREI TERMINALS, LLC, TULSA, OK																					
13F-0118	0.0-0.0-22.0	....	....	11.0	11.2	22.0	22.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CENTRAL MISSOURI AGRISERVICE LLC, BLACKBURN, MO																					
13F-0831	5.1-11.8-8.2	....	....	....	....	2.4	2.4	....	....	....	....	....	....	....	....	....	....	....	....	....	0.2 0.26*
13F-1671	4.2-20.0-35.0	....	....	....	....	5.0	5.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CENTRAL MISSOURI AGRISERVICE LLC, MALTA BEND, MO																					
13F-1339	5.8-27.5-26.2	....	....	....	....	3.7	3.7	....	....	....	....	....	....	....	....	....	....	....	....	....	0.5 0.61
13F-1340	5.8-27.5-26.2	....	....	....	....	3.7	4.6	....	....	....	....	....	....	....	....	....	....	....	....	....	0.5 0.46
CENTRAL MISSOURI AGRISERVICE LLC, SLATER, MO																					
13F-1530	5.2-24.8-24.8	....	....	....	....	8.2	8.7	0.1	0.12	....	....	....	....	....	....	....	....	....	....	....	1.1 1.42
13F-1531	5.2-24.8-24.8	....	....	....	....	8.2	7.2*	0.1	0.12	....	....	....	....	....	....	....	....	....	....	....	1.1 1.51
13F-1534	4.8-22.7-30.3	....	....	....	....	5.1	5.0	0.1	0.062*	....	....	....	....	....	....	....	....	....	....	....	0.7 0.77

Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 13F#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Na		% Zn	
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
CENTRAL MISSOURI AGRISERVICE LLC, SLATER, MO																					
13F-1535	4.8-22.7-30.3	....	....	....	....	5.1	5.4	0.1	0.07*	....	....	....	....	....	....	....	....	....	....	0.7	0.8
CGB FERTILIZER, JEFFERSONVILLE, IN																					
13F-0361	21.0-0.0-0.0	....	....	....	....	24.0	23.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CROP PRODUCTION SERVICES-4025, MARSTON, MO																					
13F-0067	21.0-0.0-0.0	....	....	....	....	24.0	23.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0204	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0206	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0207	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1111	21.0-0.0-0.0	....	....	....	....	24.0	19.4*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CROP PRODUCTION SERVICES-3575, QUINCY, IL																					
13F-1185	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.04
13F-1186	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.97
13F-1187	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.99
13F-1283	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.99
CROP PRODUCTION SERVICES-448, WESTBORO, MO																					
13F-1532	5.0-23.8-27.8	....	....	....	....	4.0	4.8	....	....	....	....	....	....	....	....	....	....	....	....	1.1	1.42
DREXEL CHEMICAL COMPANY, MEMPHIS, TN																					
13F-0667	4.0-4.0-4.0	8.0	12.5	....	....	1.4	1.3	....	....	....	....	....	....	....	0.05	0.03*	....	....	....	....	....
EARTH TOUCH GRAINERY, GALLATIN, MO																					
13F-0295	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0301	0.0-0.0-0.0	....	....	....	....	17.0	17.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
EASY GARDENER INC., COLD SPRING, NY																					
13F-0905	2.0-7.0-4.0	7.0	16.4	....	....	1.4	1.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
EAU CLAIRE COOP COMPANY, EAU CLAIRE, WI																					
13F-0261	10.0-18.0-6.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.6	....	....	....	....	....	....
13F-0268	28.0-0.0-3.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.91	....	....	....	....	....	....
13F-0456	20.0-0.0-9.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.24	....	....	....	....	....	....
ENCAP, LLC, GREEN BAY, WI																					
13F-0409	0.0-0.0-0.0	12.0	11.8	....	....	31.0	34.4	....	....	....	....	....	....	9.9	9.79	....	....	....	....	....	....
EVERRIS NA, INC., DUBLIN, OH																					
13F-0977	12.0-6.0-6.0	8.0	7.4	5.5	5.8	3.1	4.1	....	....	....	....	....	....	1.1	1.5	0.3	0.3	....	....	0.1	0.1
13F-1058	15.0-9.0-12.0	....	....	1.3	1.61	6.0	7.1	0.02	0.021	....	....	....	....	0.46	0.53	0.06	0.09	....	....	0.05	0.045
FARMERS COOPERATIVE SERVICES, INC, PALMYRA, MO																					
13F-1130	12.5-22.6-22.6	....	....	....	....	4.51	1.8*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
FREE FLOW FERTILIZER, MAUMEE, OH																					
13F-0336	20.0-27.0-6.0	....	....	....	....	....	....	....	....	....	....	0.1	0.1	1.0	1.9	0.1	0.1	....	....	0.1	0.1
GAVILON FERTILIZER LLC, CATOOSA, OK																					
13F-1703	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.93
GAVILON FERTILIZER LLC, SAUGET, IL																					
13F-0296	21.0-0.0-0.0	....	....	....	....	24.0	23.0*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
GRANITE CITY TERMINAL LLC, GRANITE CITY, IL																					
13F-0948	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
GREAT SALT LAKE MINERALS CORP, OGDEN, UT																					
13F-0457	0.0-0.0-50.0	....	....	....	....	17.0	17.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
GREEN LIGHT, A VALENT USA CO, MARYSVILLE, OH																					
13F-0610	12.0-55.0-6.0	....	....	....	....	....	....	....	....	....	....	....	....	0.1	0.12	....	....	....	....	....	....
GRO TEC, INC, COVINGTON, GA																					
13F-0013	1.0-0.0-1.0	12.0	16.6	....	....	10.0	14.4	0.02	0.04	....	....	....	....	4.5	7.12	0.1	0.14	....	....	0.1	0.38
13F-0113	29.0-0.0-5.0	....	....	....	....	....	....	....	....	....	....	....	....	2.0	2.14	....	....	....	....	....	....
13F-0186	29.0-0.0-5.0	....	....	....	....	....	....	....	....	....	....	....	....	2.0	1.74*	....	....	....	....	....	....
13F-0259	18.0-24.0-6.0	....	....	....	....	....	....	0.02	0.02	....	....	0.05	0.08	0.25	2.33	0.1	0.23	....	....	0.1	0.42
13F-0260	18.0-24.0-6.0	....	....	....	....	....	....	0.02	0.12	....	....	0.05	0.13	0.25	3.25	0.1	0.36	....	....	0.1	0.32
13F-0350	1.0-0.0-1.0	12.0	18.2	10.0	15.0	0.02	0.032	4.5	5.36	0.1	0.2	0.1	0.17
13F-0615	12.0-10.0-10.0	9.0	9.9	0.02	0.02	0.1	0.14	0.1	0.36

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SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 13F#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Na		% Zn	
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
GRO TEC, INC, COVINGTON, GA																					
13F-0786	1.0-0.0-1.0	12.0	17.4	....	....	10.0	14.7	0.02	0.044	....	....	....	....	4.5	6.32	0.1	0.18	....	....	0.1	0.32
13F-0845	24.0-8.0-16.0	....	....	....	....	3.5	4.1	....	....	....	....	0.05	0.049	0.1	0.1	0.05	0.045	....	....	0.05	0.05
13F-0848	12.0-10.0-10.0	....	....	....	....	9.9	9.2	0.02	0.2	....	....	....	....	2.0	3.57	0.1	0.55	....	....	0.1	0.54
GROWMARK, INC, BLOOMINGTON, IL																					
13F-0294	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
GUIER CHEMICAL & FERTILIZER, HOUSTONIA, MO																					
13F-1761	10.3-26.4-26.4	....	....	....	....	3.5	3.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1762	10.3-26.4-26.4	....	....	....	....	3.5	3.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
HAMPTON ALTERNATIVE ENERGY PRODUCTS, BRUNSWICK, MO																					
13F-1060	1.2-1.3-0.4	2.5	1.25*	....	....	....	....	....	....	....	....	....	....	0.13	0.25	....	....	....	....	....	....
13F-1404	1.2-1.3-0.4	1.5	2.18	....	....	....	....	....	....	....	....	....	....	0.19	0.49	....	....	....	....	....	....
13F-1768	1.2-1.3-0.4	1.5	1.93	....	....	....	....	....	....	....	....	....	....	0.19	0.21	....	....	....	....	....	....
HEIMSOOTH AGRI SERVICE INC, CORDER, MO																					
13F-1347	3.5-18.5-34.0	....	....	....	....	6.0	6.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1588	5.5-27.0-27.0	....	....	....	....	2.0	3.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
HELM FERTILIZER CORPORATION, TAMPA, FL																					
13F-0298	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
HONEYWELL, HOPEWELL, VA																					
13F-1322	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
HOWARD JOHNSON'S ENT. INC, FRANKLIN, WI																					
13F-0086	10.0-10.0-10.0	....	....	....	....	....	....	0.02	0.008*	....	....	0.05	0.003*	0.25	0.39	0.1	0.022*	....	....	0.1	.001*
13F-0106	23.0-3.0-8.0	....	....	....	....	2.43	3.8	....	....	....	....	....	....	1.0	1.02	....	....	....	....	....	....
13F-0107	18.0-3.0-15.0	....	....	....	....	1.72	2.2	....	....	....	....	....	....	1.0	1.41	....	....	....	....	....	....
13F-0108	18.0-3.0-15.0	....	....	....	....	1.72	2.0	....	....	....	....	....	....	1.0	1.21	....	....	....	....	....	....
13F-0173	26.0-3.0-4.0	....	....	....	....	2.43	2.8	....	....	....	....	....	....	1.0	1.62	....	....	....	....	....	....
13F-0174	23.0-3.0-8.0	....	....	....	....	2.43	2.9	....	....	....	....	....	....	0.7	0.32*	....	....	....	....	....	....
13F-0177	18.0-3.0-15.0	....	....	....	....	1.72	2.1	....	....	....	....	....	....	1.0	2.29	....	....	....	....	....	....
13F-0178	18.0-3.0-15.0	....	....	....	....	1.72	2.3	....	....	....	....	....	....	1.0	1.94	....	....	....	....	....	....
13F-0256	18.0-3.0-15.0	....	....	....	....	1.72	2.0	....	....	....	....	....	....	1.0	0.99	....	....	....	....	....	....
13F-0257	18.0-3.0-15.0	....	....	....	....	1.7	1.6	....	....	....	....	....	....	1.0	1.18	....	....	....	....	....	....
13F-0258	18.0-3.0-15.0	....	....	....	....	1.72	1.4*	....	....	....	....	....	....	1.0	1.07	....	....	....	....	....	....
13F-0316	8.0-12.0-10.0	....	....	....	....	....	....	....	....	....	....	....	....	2.0	2.38	....	....	....	....	....	....
13F-0337	16.0-2.0-2.0	....	....	....	....	2.0	2.8	....	....	....	....	....	....	2.0	2.79	....	....	....	....	....	....
13F-0340	30.0-0.0-3.0	....	....	....	....	2.0	1.5*	....	....	....	....	....	....	2.0	2.44	....	....	....	....	....	....
13F-0347	22.0-0.0-8.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.83	....	....	....	....	....	....
13F-0348	18.0-0.0-12.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.31	....	....	....	....	....	....
13F-0444	18.0-3.0-15.0	....	....	....	....	1.5	2.1	....	....	....	....	....	....	1.0	0.72*	....	....	....	....	....	....
13F-1055	26.0-3.0-4.0	....	....	....	....	2.43	3.6	....	....	....	....	....	....	1.0	1.83	....	....	....	....	....	....
HOWARD JOHNSON'S ENT. INC, NEOSHO, MO																					
13F-0388	18.0-3.0-15.0	....	....	....	....	1.5	2.3	....	....	....	....	....	....	1.0	1.36	....	....	....	....	....	....
13F-0991	5.0-10.0-10.0	....	....	....	....	....	....	0.02	0.016	....	....	....	....	0.10	0.47	0.05	0.06	....	....	0.05	0.13
13F-1109	21.0-0.0-0.00	....	....	....	....	24.0	23.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
INFINITY FERTILIZERS, MILAN, IL																					
13F-0012	18.0-24.0-6.0	....	....	....	....	....	....	0.02	0.04	....	....	0.05	0.14	0.25	1.36	0.1	0.17	....	....	0.10	0.15
13F-0077	18.0-24.0-6.0	....	....	....	....	....	....	0.02	0.03	....	....	0.05	0.078	0.25	0.95	0.1	0.097	....	....	0.10	0.088
13F-0310	18.0-24.0-6.0	....	....	....	....	....	....	0.02	0.02	....	....	0.05	0.07	0.25	1.11	0.1	0.096	....	....	0.10	0.089
13F-0369	18.0-24.0-6.0	....	....	....	....	....	....	0.02	0.04	....	....	0.05	0.098	0.25	0.88	0.1	0.14	....	....	0.10	0.11
LEBANON SEABOARD CORPORATION, LEBANON, PA																					
13F-0112	30.0-0.0-4.0	....	....	....	....	4.0	3.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0341	30.0-0.0-3.0	2.0	0.9*
13F-0346	24.0-0.0-12.0	10.0	12.8
13F-0550	30.0-0.0-3.0	2.0	2.09
13F-1063	16.0-0.0-8.0	2.8	2.7

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		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
LESCO INC, CLEVELAND, OH																					
13F-0345	24.0-0.0-11.0	2.9	2.4*
MFA AGRI SERVICES, BOONVILLE, MO																					
13F-1049	6.8-22.7-26.6	....	....	....	....	5.7	6.0	....	....	....	....	....	....	....	....	....	....	....	....	0.57	0.55
13F-1050	6.8-22.8-26.6	....	....	....	....	5.7	6.0	....	....	....	....	....	....	....	....	....	....	....	....	0.57	0.54
13F-1712	6.9-23.0-26.2	....	....	....	....	5.7	6.2	....	....	....	....	....	....	....	....	....	....	....	....	0.57	0.62
13F-1713	6.9-23.0-26.2	....	....	....	....	5.7	5.9	....	....	....	....	....	....	....	....	....	....	....	....	0.57	0.60
MFA AGRI SERVICES, CHAFFEE, MO																					
13F-0737	10.0-23.0-26.0	....	....	....	....	1.0	2.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MFA AGRI SERVICES-WEST, HALE, MO																					
13F-1043	12.0-40.0-0.0	....	....	....	....	10.0	9.5	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.92
MFA AGRI SERVICES, HIGGINSVILLE, MO																					
13F-1397	6.7-22.4-26.8	....	....	....	....	5.6	5.8	....	....	....	....	....	....	....	....	....	....	....	....	0.56	0.58
13F-1398	6.7-22.4-26.8	....	....	....	....	5.6	5.8	....	....	....	....	....	....	....	....	....	....	....	....	0.56	0.58
13F-1714	6.7-25.7-25.6	....	....	....	....	3.6	4.2	....	....	....	....	....	....	....	....	....	....	....	....	0.30	0.38
13F-1715	6.7-25.7-25.6	....	....	....	....	3.6	4.3	....	....	....	....	....	....	....	....	....	....	....	....	0.30	0.39
MFA AGRI SERVICES, LEXINGTON, MO																					
13F-1621	6.9-26.9-23.6	....	....	....	....	3.4	4.1	....	....	....	....	....	....	....	....	....	....	....	....	0.68	0.78
MFA AGRI SERVICES, MAYSVILLE, MO																					
13F-1396	7.2-23.9-24.0	....	....	....	....	6.0	6.1	....	....	....	....	....	....	....	....	....	....	....	....	0.60	0.59
MFA AGRI SERVICES, NORBORNE, MO																					
13F-1143	4.3-20.5-13.7	....	....	....	....	3.4	4.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MFA AGRI SERVICES, SEDLAIA, MO																					
13F-1048	7.9-19.0-28.5	....	....	....	....	4.7	4.8	....	....	....	....	....	....	....	....	....	....	....	....	0.48	0.46
13F-1053	5.1-17.1-34.2	....	....	....	....	4.2	4.1	....	....	....	....	....	....	....	....	....	....	....	....	0.43	0.40
MFA PLANT FOODS, COLUMBIA, MO																					
13F-0049	12.0-40.0-0.0	....	....	....	....	10.0	9.7	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.92
13F-0078	13.0-13.0-13.0	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0079	13.0-13.0-13.0	10.0	9.62	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0088	6.0-24.0-24.0	2.5	2.12*	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0100	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.99
13F-0232	6.0-24.4-24.0	2.5	2.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0233	6.0-24.4-24.0	2.5	4.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0328	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0329	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.09
13F-0363	21.0-0.0-0.0	....	....	....	....	24.0	23.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0386	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.03
13F-0422	13.0-13.0-13.0	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0427	6.0-24.4-24.0	2.5	2.21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0495	13.0-13.0-13.0	10.0	10.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0497	6.0-24.4-24.0	2.5	2.87	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0539	12.0-40.0-0.0	....	....	....	....	10.0	10.4	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
13F-0540	12.0-40.0-0.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.04
13F-0541	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.99
13F-0598	0.0-0.0-0.0	....	....	....	....	90.0	91.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0618	6.0-24.4-24.0	2.5	5.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0653	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.99
13F-0669	0.0-0.0-22.0	....	....	11.0	11.7	22.0	22.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0703	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0729	13.0-13.0-13.0	10.0	7.62*	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0767	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
13F-0768	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.96
13F-0769	12.0-40.0-0.0	10.0	9.8	1.0	0.98
13F-0770	12.0-40.0-0.0	10.0	9.8	1.0	1.01
13F-0772	12.0-40.0-0.0	10.0	9.4	1.0	0.97

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		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
MFA PLANT FOODS, COLUMBIA, MO																					
13F-0775	12.0-40.0-0.0	10.0	10.2	1.0	1.01
13F-0823	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0825	0.0-0.0-0.0	....	....	....	....	90.0	90.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0882	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.86*
13F-0883	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.95
13F-0884	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
13F-0886	12.0-40.0-0.0	....	....	....	....	10.0	9.7	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.94
13F-0887	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.93
13F-0888	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.00
13F-0889	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.92
13F-0890	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.05
13F-0891	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.94
13F-0892	12.0-40.0-0.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.94
13F-0913	0.0-0.0-21.0	....	....	10.0	10.8	21.0	22.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0914	0.0-0.0-22.0	....	....	11.0	12.0	22.0	22.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1042	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.96
13F-1044	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.97
13F-1045	12.0-40.0-0.0	....	....	....	....	10.0	9.5	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.96
13F-1046	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.98
13F-1047	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.92
13F-1114	0.0-0.0-0.0	21.0	23.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1139	13.0-13.0-13.0	10.0	7.49*	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1140	6.0-24.0-24.0	2.5	2.23	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1181	12.0-40.0-0.0	....	....	....	....	10.0	10.4	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.95
13F-1286	12.0-40.0-0.0	....	....	....	....	10.0	9.6	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.97
13F-1287	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.03
13F-1387	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.92
13F-1388	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.98
13F-1389	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.00
13F-1390	12.0-40.0-0.0	....	....	....	....	10.0	10.5	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.96
13F-1391	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.01
13F-1393	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.90
13F-1394	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.05
13F-1488	12.0-40.0-0.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.04
13F-1618	12.0-40.0-0.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.02
13F-1619	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.03
13F-1700	12.0-40.0-0.0	....	....	....	....	10.0	10.5	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.02
13F-1701	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.06
13F-1702	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.05
13F-1704	12.0-40.0-0.0	....	....	....	....	10.0	10.4	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.09
13F-1705	12.0-40.0-0.0	....	....	....	....	10.0	10.4	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.09
13F-1718	0.0-0.0-21.0	....	....	10.0	10.6	21.0	20.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1719	0.0-0.0-21.0	....	....	10.8	10.8	21.7	21.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1767	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.03
MFA PLANT FOODS, HAYTI, MO																					
13F-0117	0.0-0.0-22.0	....	....	11.0	11.3	22.0	22.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0135	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0205	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0597	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0706	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0707	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0708	21.0-0.0-0.0	24.0	24.5
13F-1229	21.0-0.0-0.0	24.0	24.1
13F-1456	21.0-0.0-0.0	24.0	24.6

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		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
MFA PLANT FOODS, HAYTI, MO																					
13F-1457	21.0-0.0-0.0	24.0	24.4
13F-1577	21.0-0.0-0.0	24.0	24.6
MFA PLANT FOODS, PALMYRA, MO																					
13F-0826	0.0-0.0-0.0	....	....	....	....	90.0	93.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1183	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.97
13F-1282	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.99
13F-1490	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.05
13F-1492	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.02
13F-1493	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.03
13F-1556	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.00
13F-1557	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.03
13F-1558	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.03
13F-1708	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.04
MARTHASVILLE AG CENTER, MARTHASVILLE, MO																					
13F-0499	3.5-9.5-47.5	....	....	....	....	2.0	2.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MERSCHMAN FERTILIZER LLC-(FT MADISON)																					
13F-1190	30.1-0.0-0.0	....	....	....	....	7.0	6.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MID MISSOURI ENVIRO AGRI SERVICES, EMMA, MO																					
13F-0897	17.8-17.8-17.8	....	....	....	....	3.5	1.0*	....	....	....	....	....	....	....	....	....	....	....	....	0.26	0.022*
13F-1496	12.5-21.7-21.7	....	....	....	....	3.1	3.5	....	....	....	....	....	....	....	....	....	....	....	....	0.31	0.33
MIDWEST AGRI-CHEMICO INC, CAPE GIRARDEAU, MO																					
13F-0209	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0480	21.0-0.0-0.0	....	....	....	....	24.0	23.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1110	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1524	20.5-0.0-0.0	....	....	....	....	22.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1578	21.0-0.0-0.0	....	....	....	....	24.0	24.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1653	20.5-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MIDWEST FERTILIZER INC, PAOLA, KS																					
13F-0362	21.0-0.0-0.0	....	....	....	....	24.0	23.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1717	0.0-0.0-20.0	....	....	....	....	10.0	22.6	....	....	....	....	....	....	....	....	....	....	....	....	22.0	0.0004*
13F-1756	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MILWAUKEE METROPOLITAN SEWERAGE DIS, MILWAUKEE, WI																					
13F-0445	5.0-2.0-0.0	1.2	2.52	....	....	....	....	....	....	....	....	....	....	4.0	4.08	....	....	....	....	....	....
13F-0902	5.0-2.0-0.0	1.2	1.89	....	....	....	....	....	....	....	....	....	....	4.0	3.22*	....	....	....	....	....	....
MIRACLE-GRO LAWN PRODUCTS, INC., MARYSVILLE, OH																					
13F-0450	0.21-0.07-0.14	....	....	....	....	....	....	....	....	....	....	....	....	0.1	0.095	....	....	....	....	....	....
13F-0600	2.0-7.0-7.0	....	....	....	....	....	....	0.02	0.019	....	....	0.05	0.052	0.1	0.12	0.08	0.082	....	....	0.05	0.047
13F-0780	15.0-5.0-10.0	....	....	....	....	16.0	17.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0782	0.21-0.07-0.14	....	....	....	....	....	....	....	....	....	....	....	....	0.1	0.14	....	....	....	....	....	....
13F-0834	12.0-9.0-6.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.05	0.049	....	....	0.05	0.055
13F-0906	0.21-0.07-0.14	....	....	....	....	....	....	....	....	....	....	....	....	0.1	0.2	....	....	....	....	....	....
13F-0907	0.15-0.05-0.10	....	....	....	....	....	....	....	....	....	....	....	....	0.1	0.77	....	....	....	....	....	....
13F-1242	20.0-20.0-20.0	....	....	....	....	....	....	0.02	0.02	....	....	....	....	0.1	0.1	0.05	0.06	....	....	0.05	0.05
MIRACLE-GRO LAWN PRODUCTS, INC., MARYSVILLE, OH																					
13F-1501	0.05-0.05-0.05	....	....	....	....	....	....	....	....	....	....	....	....	0.1	0.06*	....	....	....	....	....	....
MK MINERALS INC., WAMEGO, KS																					
13F-1324	0.0-0.0-0.0	21.0	24.4	....	....	16.0	16.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1658	0.0-0.0-0.0	21.0	26.0	....	....	17.0	16.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MONTANA SULPHUR & CHEMICAL CO, BILLINGS, MT																					
13F-1760	0.0-0.0-0.0	....	....	....	....	90.0	90.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MOSAIC CROP NUTRITION, LLC, LITHIA, FL																					
13F-0167	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.01
13F-0249	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.97
13F-0330	12.0-40.0-0.0	....	....	....	....	10.0	9.7	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.97

Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 13F#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Na		% Zn	
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
MOSAIC CROP NUTRITION, LLC, LITHIA, FL																					
13F-0331	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.05
13F-0437	12.0-40.0-0.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.00
13F-0771	12.0-40.0-0.0	....	....	....	....	10.0	9.2*	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.96
13F-0773	12.0-40.0-0.0	....	....	....	....	10.0	9.6	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.98
13F-0885	12.0-40.0-0.0	....	....	....	....	10.0	9.5	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.94
13F-1182	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.93
13F-1184	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.99
13F-1192	0.0-0.0-57.0	....	....	....	....	....	....	0.5	0.46	....	....	....	....	....	....	....	....	....	....	....	....
13F-1284	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.93
13F-1392	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.96
13F-1489	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.05
13F-1491	12.0-40.0-0.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.00
13F-1706	12.0-40.0-0.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.06
13F-1707	12.0-40.0-0.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.07
13F-1709	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.03
OAKLEY MISSOURI INC, CARUTHERSVILLE, MO																					
13F-0133	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0134	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0300	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1657	21.0-0.0-0.0	....	....	....	....	24.0	23.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
PBI/GORDON CORPORATION, KANSAS CITY, MO																					
13F-0709	3.0-10.0-3.0	....	....	....	....	....	....	....	....	....	....	....	....	0.1	0.19	....	....	....	....	0.1	0.12
PILOT GROVE COOPERATIVE ELEVATOR, PILOT GROVE, MO																					
13F-0976	15.0-19.0-22.5	....	....	....	....	3.5	5.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
QC CORPORATION, BALTIMORE, MD																					
13F-0481	0.0-0.0-0.0	....	....	....	....	....	....	....	....	....	....	....	....	50.0	54.0	....	....	....	....	....	....
RAY-CARROLL COUNTY GRAIN GROWERS, BRUNSWICK, MO																					
13F-1051	6.7-25.1-26.0	....	....	....	....	4.2	4.6	....	....	....	....	....	....	....	....	....	....	....	....	0.42	0.39
13F-1052	6.7-25.1-26.0	....	....	....	....	4.2	4.5	....	....	....	....	....	....	....	....	....	....	....	....	0.42	0.40
13F-1399	6.6-26.6-26.6	....	....	....	....	2.6	3.2	....	....	....	....	....	....	....	....	....	....	....	....	0.26	0.29
13F-1400	6.6-26.6-26.6	....	....	....	....	2.6	2.1*	....	....	....	....	....	....	....	....	....	....	....	....	0.26	0.30
13F-1401	5.4-20.0-32.8	....	....	....	....	3.6	4.0	....	....	....	....	....	....	....	....	....	....	....	....	0.36	0.40
RAY-CARROLL COUNTY GRAIN GROWERS, HARDIN, MO																					
13F-1141	4.7-23.5-26.9	....	....	....	....	10.0	11.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1142	4.7-23.5-26.9	....	....	....	....	10.0	10.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
RAY-CARROLL COUNTY GRAIN GROWERS, MAYVIEW, MO																					
13F-0993	4.5-20.7-31.1	....	....	....	....	6.2	5.8	....	....	....	....	....	....	....	....	....	....	....	....	0.42	0.50
13F-0998	1.8-9.2-46.2	....	....	....	....	4.6	4.1*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1395	15.2-12.7-25.4	....	....	....	....	2.5	2.8	0.76	0.23*	....	....	....	....	....	....	....	....	....	....	0.25	0.26
RIVER BEND AG LLC, NEW MADRID, MO																					
13F-0048	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.00
13F-0066	21.0-0.0-0.0	....	....	....	....	24.0	23.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0068	21.0-0.0-0.0	....	....	....	....	24.0	23.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0101	12.0-40.0-0.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.02
13F-0102	12.0-40.0-0.0	....	....	....	....	10.0	9.7	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.78*
13F-0136	21.0-0.0-0.0	....	....	....	....	24.0	23.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0208	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0297	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0299	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0408	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0479	21.0-0.0-0.0	....	....	....	....	24.0	23.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0595	21.0-0.0-0.0	....	....	....	....	24.0	23.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0596	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0704	21.0-0.0-0.0	....	....	....	....	24.0	24.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 13F#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Na		% Zn		
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	
RIVER BEND AG LLC, NEW MADRID, MO																						
13F-0705	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0774	12.0-40.0-0.0	....	....	....	....	10.0	9.4	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.98	
13F-0787	0.0-0.0-22.0	....	....	11.0	11.9	22.0	22.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0824	20.5-0.0-0.0	....	....	....	....	24.0	24.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1069	0.0-0.0-22.0	....	....	11.0	11.3	22.0	22.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1228	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1230	21.0-0.0-0.0	....	....	....	....	24.0	23.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1285	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.97	
13F-1323	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1523	20.5-0.0-0.0	....	....	....	....	22.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1559	0.0-0.0-50.0	....	....	....	....	18.0	17.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1616	12.0-40.0-0.0	....	....	....	....	10.0	9.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1617	12.0-40.0-0.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1654	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
SCOTTS MIRACLE-GRO PRODUCTS INC, MARYSVILLE, OH																						
13F-0001	8.0-7.0-6.0	....	....	....	....	....	....	....	....	....	....	....	....	0.1	0.11	....	....	....	....	....	....
13F-0007	30.0-10.0-10.0	....	....	....	....	....	....	0.02	0.02	....	....	....	0.07	0.08	0.3	0.4	0.05	0.06	....	....	0.07	0.08
13F-0218	24.0-8.0-16.0	....	....	....	....	....	....	0.02	0.02	....	....	....	0.07	0.087	0.15	0.2	0.05	0.056	....	....	0.06	0.069
13F-0367	18.0-18.0-21.0	....	....	0.5	0.55	....	....	....	....	....	....	....	0.05	0.05	0.1	0.12	0.05	0.053	....	....	0.05	0.05
13F-0609	24.0-8.0-16.0	....	....	....	....	....	....	0.02	0.02	....	....	....	0.07	0.08	0.15	0.19	0.05	0.05	....	....	0.06	0.06
13F-0661	15.0-5.0-10.0	....	....	....	....	16.0	17.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0711	8.0-7.0-6.0	....	....	....	....	....	....	....	....	....	....	....	....	0.1	0.12	....	....	....	....	....	....
13F-0832	8.0-7.0-6.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	0.11*	....	....	....	....	....	....
13F-0833	12.0-4.0-8.0	....	....	....	....	....	....	....	....	....	....	....	....	0.1	0.11	0.05	0.05	....	....	....	0.05	0.05
13F-0843	30.0-10.0-10.0	....	....	....	....	....	....	0.02	0.02	....	....	....	....	0.32	0.45	0.05	0.06	....	....	....	0.07	0.09
13F-0844	24.0-8.0-16.0	....	....	....	....	....	....	0.02	0.02	....	....	....	....	0.15	0.20	0.05	0.06	....	....	....	0.06	0.06
13F-0846	15.0-30.0-15.0	....	....	....	....	....	....	0.02	0.02	....	....	....	....	0.15	0.18	0.05	0.05	....	....	....	0.06	0.06
13F-0950	8.0-7.0-6.0	....	....	....	....	....	....	....	....	....	....	....	....	0.1	0.11	....	....	....	....	....	....	....
13F-0951	7.0-7.0-7.0	....	....	....	....	....	....	0.02	0.02	....	....	....	....	0.1	0.1	0.08	0.09	....	....	....	0.05	0.06
13F-0952	2.0-7.0-7.0	....	....	....	....	....	....	0.02	0.016	....	....	....	....	0.1	0.1	0.08	0.08	....	....	....	0.05	0.05
13F-0969	30.0-10.0-10.0	....	....	....	....	....	....	0.02	0.02	....	....	....	....	0.32	0.32	0.05	0.047	....	....	....	0.07	0.067
13F-0971	24.0-8.0-16.0	....	....	....	....	....	....	0.02	0.02	....	....	....	....	0.15	0.22	0.05	0.06	....	....	....	0.06	0.07
13F-0986	10.0-10.0-10.0	....	....	....	....	20.0	26.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1059	6.0-12.0-6.0	....	....	0.5	0.98	2.0	3.4	0.02	0.068	....	....	....	....	0.15	0.48	0.05	0.06	....	....	....	0.05	0.06
13F-1234	12.0-4.0-8.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.05	0.05	....	....	....	0.05	0.05
13F-1240	24.0-8.0-16.0	....	....	....	....	....	....	0.02	0.02	....	....	....	....	0.15	0.20	0.05	0.05	....	....	....	0.06	0.06
13F-1241	24.0-8.0-16.0	....	....	....	....	....	....	0.02	0.02	....	....	....	....	0.15	0.19	0.05	0.05	....	....	....	0.06	0.06
13F-1243	18.0-18.0-21.0	....	....	0.5	0.5	....	....	....	....	....	....	....	....	0.1	0.1	0.05	0.05	....	....	....	0.05	0.05
13F-1290	10.0-10.0-10.0	....	....	....	....	20.0	26.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
SERVICE AND SUPPLY COOP-JONESBURG, BELLFLOWER, MO																						
13F-1246	9.0-22.0-29.0	....	....	....	....	3.0	3.3	....	....	....	....	....	....	....	....	....	....	....	....	....	0.05	0.27
SOUTH CENTRAL COOP, LAMONI, IA																						
13F-0166	12.0-40.0-0.0	....	....	....	....	7.0	7.3	....	....	....	....	....	....	....	....	....	....	....	....	....	0.5	0.57
13F-0538	12.0-40.0-0.0	....	....	....	....	7.0	7.5	....	....	....	....	....	....	....	....	....	....	....	....	....	0.5	0.68
SPECTRUM GROUP, DIV OF UNITED INDUSTRIES, ST LOUIS, MO																						
13F-0949	10.0-10.0-10.0	....	....	....	....	....	....	....	....	....	....	....	....	0.1	0.1	0.05	0.043	....	....	....	0.05	0.059
SWISS FARMS PRODUCTS, INC., LAS VEGAS, NV																						
13F-0389	12.0-5.0-7.0	....	....	....	....	....	....	0.02	0.017	....	....	....	0.05	0.072	0.2	0.75	0.05	0.11	....	....	0.05	0.072
13F-0663	12.0-5.0-7.0	....	....	....	....	....	....	0.02	0.02	....	....	....	0.05	0.083	0.2	0.75	0.05	0.11	....	....	0.05	0.18
13F-0970	24.0-8.0-16.0	....	....	....	....	3.0	3.5	0.02	0.02	....	....	....	....	0.15	0.15	0.05	0.07	....	....	....	0.06	0.065
T AND N INC, FORISTELL, MO																						
13F-0311	16.0-8.0-5.0	....	....	....	....	3.0	3.4	....	....	....	....	....	....	2.0	2.97	....	....	....	....	....	....	....
13F-0900	16.0-8.0-5.0	....	....	....	....	3.0	3.5	....	....	....	....	....	....	2.0	2.69	....	....	....	....	....	....	....

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 13F#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Na		% Zn	
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
THE ESPOMA COMPANY, MILLVILLE, NJ																					
13F-0390	4.0-3.0-4.0	3.0	4.24	1.0	1.81	5.0	6.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0668	4.0-3.0-4.0	3.0	4.18	1.0	1.8	5.0	3.0*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0903	4.0-3.0-4.0	4.0	3.39*	1.0	1.16	2.0	1.6*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
THE SCOTTS COMPANY, MARYSVILLE, OH																					
13F-0111	32.0-0.0-4.0	....	....	....	....	7.0	7.5	....	....	....	....	....	....	2.0	2.44	....	....	....	....	....	....
13F-0114	27.0-0.0-12.0	....	....	....	....	9.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0172	26.0-2.0-12.0	....	....	....	....	9.0	9.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0175	22.0-2.0-2.0	....	....	....	....	13.0	13.1	....	....	....	....	....	....	5.75	6.34	....	....	....	....	....	....
13F-0176	22.0-2.0-2.0	....	....	....	....	13.0	13.9	....	....	....	....	....	....	5.75	6.04	....	....	....	....	....	....
13F-0181	11.0-2.0-2.0	1.5	1.97	....	....	1.0	0.7*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0184	32.0-0.0-10.0	....	....	....	....	6.0	7.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0185	32.0-0.0-4.0	....	....	....	....	7.0	7.8	....	....	....	....	....	....	2.0	2.19	....	....	....	....	....	....
13F-0187	28.0-0.0-3.0	....	....	....	....	7.0	7.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0254	21.0-22.0-4.0	....	....	....	....	1.0	2.8	....	....	....	....	....	....	0.5	1.21	....	....	....	....	....	....
13F-0263	32.0-0.0-10.0	....	....	....	....	6.0	6.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0264	30.0-0.0-4.00	....	....	....	....	10.0	11.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0267	28.0-0.0-3.0	....	....	....	....	7.0	7.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0269	26.0-0.0-2.0	....	....	....	....	11.0	12.2	....	....	....	....	....	....	5.17	5.11	....	....	....	....	....	....
13F-0332	24.0-2.0-12.0	....	....	....	....	11.0	11.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0333	22.0-2.0-2.0	....	....	....	....	13.0	13.4	....	....	....	....	....	....	5.75	6.03	....	....	....	....	....	....
13F-0339	32.0-0.0-4.0	....	....	....	....	7.0	8.3	....	....	....	....	....	....	2.0	2.08	....	....	....	....	....	....
13F-0548	32.0-0.0-10.0	....	....	....	....	6.0	6.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0549	32.0-0.0-10.0	....	....	....	....	6.0	6.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0551	28.0-0.0-3.0	....	....	....	....	7.0	8.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0552	28.0-0.0-3.0	....	....	....	....	7.0	7.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0664	10.0-10.0-10.0	....	....	....	....	2.0	2.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-0784	32.0-0.0-4.0	....	....	....	....	7.0	7.6	....	....	....	....	....	....	2.0	2.13	....	....	....	....	....	....
13F-0785	26.0-0.0-2.0	....	....	....	....	11.0	13.4	....	....	....	....	....	....	5.17	5.84	....	....	....	....	....	....
13F-0901	12.0-4.0-8.0	....	....	....	....	2.2	3.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1056	19.0-6.0-9.0	....	....	0.6	0.75	7.0	7.9	....	....	....	....	....	....	1.0	1.26	0.14	0.22	....	....	....	0.05 0.07
13F-1062	26.0-0.0-3.0	....	....	....	....	15.0	16.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13F-1191	26.0-0.0-2.0	....	....	....	....	11.0	12.2	....	....	....	....	....	....	5.17	5.37	....	....	....	....	....	....
13F-1289	22.0-2.0-2.0	....	....	....	....	13.0	13.9	....	....	....	....	....	....	5.75	5.92	....	....	....	....	....	....
UNITED SUPPLIERS, INC, ELDORA, IA																					
13F-0047	12.0-40.0-0.0	....	....	....	....	10.0	9.7	....	....	....	....	....	....	....	....	....	....	....	....	....	1.0 0.88*
13F-1655	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
UNITED SUPPLIERS, INC, ST JOSEPH, MO																					
13F-1736	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
UNITED SUPPLIERS, INC, ST LOUIS, MO																					
13F-1112	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
VOLUNTARY PURCHASING GROUPS, BONHAM, TX																					
13F-0910	25.0-0.0-6.0	....	....	....	....	....	....	0.02	0.02	....	....	0.05	0.05	0.1	0.98	0.05	0.071	....	....	....	0.05 0.14
13F-0911	24.0-0.0-4.0	....	....	....	....	....	....	0.02	0.02	....	....	0.05	0.087	3.0	5.25	0.05	0.20	....	....	....	0.05 0.38
WINFIELD SOLUTIONS, LLC., ST. PAUL, MN																					
13F-0344	24.0-0.0-4.0	....	....	....	....	....	....	....	....	....	....	....	....	2.0	2.24	....	....	....	....	....	....

College of Agriculture, Food and Natural Resources
Fertilizer/Ag Lime Program
FY13 Income & Disbursements¹

	Ag Lime Fees	Fertilizer Fees	Other	Combined
CARRYFORWARD (07/01/12)				
Contingency			299,414.16	299,414.16
Income Transferred in FY13 for FY12			331,888.30	331,888.30
Other			<u>(424,015.61)</u>	<u>(424,015.61)</u>
Total Carryforward Available			207,286.85	207,286.85
REVENUE				
Tonnage Fees	131,235.76	1,136,097.20		1,267,332.96
Audits		2,439.99		2,439.99
Permit Fees	21,600.00	134,500.00		156,100.00
Deficiency Payments	0.00	16,473.11		16,473.11
Late Payment Fees	3,431.22	15,431.06		18,862.28
Total Revenue Available	<u>156,266.98</u>	<u>1,304,941.36</u>		<u>1,461,208.34</u>
Total Funds Available	<u>156,266.98</u>	<u>1,304,941.36</u>	<u>207,286.85</u>	<u>1,668,495.19</u>
DISBURSEMENTS				
AES Chemical Laboratory				
Analytical Services				436,207.24
Experiment Stations Chem Lab Support ²				66,053.68
Special Equipment Reserve ³				35,000.00
Inspection Services				603,980.23
Annual Research Report				4,963.61
Research Proposals Funded				
Continuing Proposals				
FY10				7,506.00
FY11				139,671.00
FY12				157,167.00
Total Continuing Proposals				304,344.00
New Proposals				
FY13				141,486.00
Total Disbursements				<u>1,592,034.76</u>
Continuing Research Proposals Funded (Conditional upon submission of satisfactory progress reports)				
CONTINGENCY/FUNDS AVAILABLE				
Contingency Funds Held in Reserve				68,000.00
Contingency Funds Held to fund Continuing Research Proposals				0.00
Unencumbered Funds ⁴				<u>8,460.43</u>
Total Contingency				76,460.43
Total Disbursements/Contingency				<u>1,668,495.19</u>

Footnotes:

¹ Fertilizer/Ag Lime Program Disbursements prepared by Ag Business Services (ABS)

² S&W support to Experiment Station Chem Lab administrative personnel

³ Per June 30, 1998 Fertilizer/Ag Lime Committee meeting minutes, a \$50,000 (later changed to \$35,000) equipment reserve has been made available to T. Mawhinney for equipment upgrades in Analytical Services.

⁴ Held in reserve to fund second and third year of multi-year research proposals.



Agricultural Experiment Station
University of Missouri-Columbia

Office of the Director
Fertilizer Control Services

Columbia, MO 65211

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December 20, 2013

TO: FERTILIZER INDUSTRY

SUBJECT: ADDITIONAL DISTRIBUTOR PERMITS TO SELL COMMERCIAL
FERTILIZERS IN MISSOURI FOR FISCAL YEAR 2013-14.

The following distributors have been issued permits to sell commercial fertilizer in Missouri for the fiscal year ending June 30, 2014.

Notification of additional permits issued.

Sales to other registered distributors are exempt from inspection fee, but must be reported as a sales transaction monthly.

The **last** distributor selling fertilizer to a **non-distributor** is responsible for paying the tonnage inspection fee to the Director.

07935	OROS & BUSCH APPL. TECH, INC.	PO BOX 37	DEFIANCE, MO	63341
07045	MILLER SEED & WHOLESALE	PO BOX 28	PEA RIDGE, AR	72751
00848	BALTZ FEED COMPANY	PO BOX 20	POCAHONTAS, AR	72455
02325 L/D	CROP PRODUCTION SERVICES-5546	822 SW T HWY	HOLDEN, MO	64040
09155	SIMS BARK CO., INC	PO BOX 4049	MUSCLE SHOALS, AL	35662
00787	ASE GREENWORLD	PO BOX 1728	VALDOSTA, GA	31603
03985	HARSCO METALS & MINERALS	PO BOX 314	CLOVIS, CA	93613
04225 L/D	HELENA CHEMICAL COMPANY	4620 SOUTH 169 HIGHWAY	ST JOSEPH, MO	64507
05375 L	LOCKWOOD FARMERS EXCHANGE	PO BOX M, 107 W. 6TH STREET	LOCKWOOD, MO	65682
07955 L	OROS & BUSCH APPL. TECH, INC.	PO BOX 37	DEFIANCE, MO	63341
10747 D	TRAIL RIDGE FARMS, INC	28171 HOLLY AVE	MALTA BEND, MO	65339
01045	BIO BIZZ	PO BOX 5187	SAN JOSE, CA	95150
03915	GROWTH TECHNOLOGY LTD	791 QUEENS GATE WAY	WADSWORTH, OH	44281
09304	SOUTHERN FS INC	PO BOX 728, 2002 E. MAIN ST	MARION, IL	62959
10615	THE ANDERSONS, INC	PO BOX 119	MAUMEE, OH	43537
09205	SOLCE FERTILIZER CO, LLC	409 APOLLO BEACH BLVD.	APOLLO BEACH, FL	33572
05223 D	KURTZ RURAL AVIATION	PO BOX 44	MOUND CITY, MO	64470
10195	TERRA RENEWAL SERVICES	PO BOX 399	DARDANELLE, AR	72834
11137 L	VINE VITALITY, LLC	9 RESEARCH PARK DR.	ST CHARLES, MO	63304
08185	PIKES FERTILIZER LLC	510 E ORANGE ST	GIRARD, KS	66743
03395	FEEDERS GRAIN & SUPPLY INC	PO BOX 283	CORNING, IA	50841
10755	TRAMMO, INC	4211 W BOYSCOUT BLVD, STE 600	TAMPA, FL	33607-5757
11055	UNLIMITED RENEWABLES	1052 OAK FOREST DR, STE 335	ONALASKA, WI	54650
07035	MIGHTY GROW INC	PO BOX 526	FRUITDALE, AL	36539
11136	VERDESIAN LIFE SCEINCES, US, LLC	12222 AVE 352	VISALIA, CA	93291
00043 L	ACME SUPPLY CO., LLC	PO BOX 459	MARSHALL, MO	65340
05075 D	KOCH NITROGEN INTERNATIONAL SARL	HWY 24 WEST	BRUSNICK, MO	65236
09301 L/D	SOUTHEAST COOPERATIVE SERVICE CO	18631 HIGHWAY 53	QUILIN, MO	63961
04105	HELENA CHEMICAL COMPANY	2401 COUNTY HEY P27	BENTON, IA	50835
04223	HELENA CHEMICAL COMPANY-SHENANDOAH	200 E CENTRAL AVENUE	NEBRASKA CITY, NE	68410
04185	HELENA CHEMICAL COMPANY	200 E. CENTRAL AVENUE	NEBRASKA CITY, NE	68410
00725	AMEROPA NORTH AMERICA, INC	2502 N ROCKY POINT DR., STE 500	TAMPA, FL	33607-1444
11295	WILSON INDUSTRIAL SALES CO., INC.	PO BOX 297; 5063 S 1000 WEST	RENSSELAER, IN	47978
09157	J.R. SIMPLOT COMPANY	PO BOX 70013	BOISE, ID	83707
09158	J.R. SIMPLOT COMPANY	PO BOX 198	LATHROP, CA	95330
03645 L/D	DEAN A. GIBSON FARMS	PO BOX 795	TIPTON, MO	65081

04525	ISAGRO USA, INC	430 DAVIS DR, STE 240	MORRISVILLE, NC	27560
10695	THE POND GUY INC DBA CRYSTAL CLEAR	PO BOX 38	ROMEO, MI	48065
05227 L/D	LAKEVIEW FARMS	44200 HWY BB	MIDDLETOWN, MO	63359
04526	ISAGRO USA, INC C/O GOWAN COMPANY	PO BOX 5569	YUMA, AZ	85366-5569
00885	BASF CORPORATION	26 DAVIS DRIVE	RESEARCH TRIANGLE PARK, NC	27709
07365	NATIONAL GARDEN WHOLESALE	PO BOX 314	CLOVIS, CA	93613
01277 D	CALLAWAY LIME LLC	2422 COUNTY ROAD 274	AUXVASSE, MO	65231
01697	CHEMICAL DYNAMICS, INC	PO BOX 486	PLANT CITY, FL	33564
07485 L/D	NILSEN AGRI-SERVICES, LLC	PO BOX 40 : 19051 STATE HWY C	ADVANCE, MO	63730
11363 L/D	WITT FARMS	470 WITT RD	WARRENTON, MO	63383
08965	SANDERS	2701 W MAIN ST.	BLYTHEVILLE, AR	72316
02375	CROP PRODUCTION SERVICES-461	11300 STATE ROUTE 4	MARISSA, IL	62257
02105 L/D	CROP PRODUCTION SERVICES-3552	5933 SHELBY 309/PO BOX 38	CLARENCE, MO	63437
08905	RX GREEN SOLUTIONS	PO BOX 3213	MANCHESTER, NH	03105
04015	HEADWATERS RESOURCES	4240 BIDDLEBORN ROAD	MARISSA, IL	62257
06655 D	MFA AGRI SERVICES	1609 W. CHESTNUT ST	SAVANNAH, MO	64485
04496 L	INTER-RAIL SYSTEMS/CUSTOM BLENDERS	PO BOX 526	CAPE GIRARDEAU, MO	63702-0526
04497 L	INTER-RAIL SYSTEMS/GILSTER MARYLEE	PO BOX 526	CAPE GIRARDEAU, MO	63702-0526
04498 L	INTER-RAIL SYSTEMS/GILSTER MARYLEE	PO BOX 526	CAPE GIRARDEAU, MO	63702-0526
04885	KOCH NITROGEN COMPANY, LLC	518 W BROADWAY	CUSTER CITY, OK	73639
05023	KOCH NITROGEN COMPANY, LLC	22703 600TH AVE	NEVADA, IA	50201
11385 L	XCEL PLANT PRODUCTS LLC	24 BERRY ROAD	SEYMOUR, MO	65746
04357	HOWARD JOHNSON'S ENTERPRISES	1280 ATLANTA HIGHWAY	MADISON, GA	30650
05155 L	KOCH NITROGEN INTERNATIONAL SARL	2834 COUNTY RD 359	PALMYRA, MO	63461
04383	HYDRITE CHEMICAL CO.	300 N PATRICK BLVD	BROOKFIELD, WI	53045
02065	CROP PRODUCTION SERVICE, INC.-4138	12432 HWY 226	CASH, AR	72421
02373	CROP PRODUCTION SERVICES, INC-4011	332 LEE COUNTY RD 303	MARIANNA, AR	72360
02715	CROP PRODUCTION SERVICES, INC-4147	19862 HWY 70	WHEATLEY, AR	72392
05507	MARS FISHCARE NORTH AMERICA, INC.	50 E. HAMILTON ST	CHALFONT, PA	18914

**MISSOURI
FERTILIZER
REPORT**

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University of Missouri-Columbia
Columbia, MO 65211-8080
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