



# MISSOURI FERTILIZER REPORT

Volume 55, No. 1

June 2013

## REPORT OF ANALYSIS OF FERTILIZER SAMPLES COLLECTED

Jul 1 through December 31, 2012

### BAGGED FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	

AGRI-NUTRIENTS, INC CATOOSA, OK  
 1456 9.0-24.0-24.0 9.6 24.4 23.0 101.11  
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.11

CHEMSICO-DIV, OF UNITED INDUSTRIES ST LOUIS, MO  
 0344 24.0- 0.0-12.0 22.0 0.0 11.6 92.67\*  
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 92.67

CHOUTEAU LIME CO, INC PRYOR, OK  
 1526 8.0-24.0-24.0 9.4 23.8 24.3 103.07  
 0387 13.0-13.0-13.0 14.8 9.1\* 14.1 95.23\*  
 1521 46.0- 0.0- 0.0 46.7 0.0 0.0 101.52  
 #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 1 - 100.40

EASY GARDENER INC WOMELSDORF, PA  
 0146\*\* 4.0- 4.0- 4.0 4.2 3.8 5.6 108.00  
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 108.00

EAU CLAIRE COOP COMPANY EAU CLAIRE, WI  
 0582 10.0-10.0-10.0 9.6 10.0 10.8 100.00  
 1220 10.0-10.0-10.0 9.4 9.0 10.6 94.80\*  
 0658\*\* 22.0- 0.0-10.0 22.2 0.0 11.0 102.59  
 1285\*\* 22.0- 0.0-10.0 24.4 0.0 9.8 108.52  
 0655\*\* 28.0- 0.0- 3.0 25.8\* 0.0 3.0 92.54\*  
 1284\*\* 28.0- 0.0- 3.0 28.8 0.0 3.3 103.22  
 0784\*\* 30.0- 0.0- 3.0 27.9\* 0.0 3.4 93.97\*  
 1282\*\* 30.0- 0.0- 3.0 30.3 0.0 3.0 100.95  
 #TOTALS - NO. SAMPLES 8 - SMPLS MISBRANDED 3 - 99.49

FREE FLOW FERTILIZER MAUMEE, OH  
 1051 10.0-10.0-10.0 11.3 10.8 10.1 108.60  
 1052 28.0- 0.0- 4.0 28.3 0.0 4.2 101.33  
 #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 104.63

GRO TEC, INC COVINGTON, GA  
 0345 12.0- 0.0- 6.0 11.6 0.0 5.5 95.67\*  
 1050\*\* 18.0-24.0- 6.0 18.3 24.7 5.6 101.78

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	

GRO TEC, INC COVINGTON, GA  
 0438 22.0- 0.0-14.0 21.8 0.0 14.3 99.83  
 0656 28.0- 0.0- 3.0 27.5 0.0 3.6 99.32  
 0785 28.0- 0.0- 3.0 29.1 0.0 3.4 104.41  
 0436 28.0- 0.0- 4.0 29.2 0.0 4.5 104.83  
 0437 28.0- 0.0- 4.0 28.9 0.0 4.1 103.17  
 0342\*\* 29.0- 0.0- 5.0 29.1 0.0 5.4 100.95  
 #TOTALS - NO. SAMPLES 8 - SMPLS MISBRANDED 1 - 101.62

HELENA CHEMICAL COMPANY COLLIERSVILLE, TN  
 1680\*\* 29.0- 0.0-11.0 29.6 0.0 10.0 100.29  
 1677 32.0- 3.0- 8.0 31.2 2.4\* 9.5 98.33  
 1612 46.0- 0.0- 0.0 46.6 0.0 0.0 101.30  
 #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 1 - 100.04

HOWARD JOHNSON'S ENT, INC FRANKLIN, WI  
 0739\*\* 8.0-12.0-10.0 8.4 11.7 10.0 100.40  
 0347 10.0- 0.0-10.0 9.4 0.0 9.9 95.67\*  
 0531 10.0- 0.0-10.0 9.5 0.0 10.8 99.33  
 1500 10.0- 0.0-10.0 10.2 0.0 10.1 101.67  
 0192 10.0-10.0-10.0 10.2 9.4 9.6 97.60  
 0297 10.0-10.0-10.0 9.4 8.8\* 11.0 94.80\*  
 0391 10.0-10.0-10.0 9.9 10.2 10.5 101.40  
 0583 10.0-20.0-10.0 10.8 20.7 10.3 104.71  
 0790\*\* 12.0- 0.0- 4.0 12.0 0.0 4.6 102.14  
 0346 12.0- 0.0-12.0 14.1 0.0 13.3 115.28  
 0530 12.0- 0.0-12.0 12.5 0.0 11.5 101.39  
 0791 12.0- 0.0-12.0 13.0 0.0 12.7 107.50  
 0113 12.0-12.0-12.0 11.0 11.0 10.9 91.50\*  
 0188 12.0-12.0-12.0 11.2 10.8 10.4\* 90.67\*  
 0190 12.0-12.0-12.0 11.8 12.3 12.2 100.67  
 0291 12.0-12.0-12.0 10.9 10.8 11.8 92.00\*  
 0294 12.0-12.0-12.0 11.0 10.6\* 10.7\* 89.83\*  
 0295 12.0-12.0-12.0 11.5 12.5 12.1 100.17  
 0854 12.0-12.0-12.0 10.8 11.0 11.4 91.67\*

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Issued Semi-Annually January, July by Fertilizer Control Service, Agricultural Experiment Station, University of Missouri-Columbia, 3600 E. New Haven Rd., Columbia, Missouri



## BAGGED FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
HOWARD JOHNSON'S ENT, INC		FRANKLIN, WI			
1217	12.0-12.0-12.0	11.7	11.6	12.0	97.67
1218	12.0-12.0-12.0	11.6	12.0	12.1	98.83
1219	12.0-12.0-12.0	11.4	11.6	11.6	96.00*
1524	12.0-12.0-12.0	10.6*	9.4*	11.4	85.67*
1525	12.0-12.0-12.0	11.6	11.6	11.6	96.67*
0296**	12.0-20.0- 6.0	13.3	20.9	6.1	106.43
1000	13.0-13.0-13.0	14.0	13.6	13.8	106.15
1349	13.0-13.0-13.0	13.3	13.4	14.4	104.31
0789**	18.0- 0.0-12.0	18.0	0.0	12.1	100.21
0145	18.0- 3.0-15.0	17.1	2.6*	14.3	94.21*
0239	18.0- 3.0-15.0	17.7	3.1	15.4	100.00
0240**	18.0- 3.0-15.0	18.6	2.7	13.5	98.42
0337**	18.0- 3.0-15.0	17.7	3.3	14.5	99.12
0338	18.0- 3.0-15.0	17.6	2.9	13.6	95.79*
0528**	18.0- 3.0-15.0	19.4	4.1	14.6	108.07
0779	18.0- 3.0-15.0	18.2	2.9	14.6	99.65
0919**	18.0- 3.0-15.0	17.4	3.1	13.7	95.96*
1210**	18.0- 3.0-15.0	18.1	3.0	13.8	98.25
0777**	21.0- 8.0- 8.0	19.2	7.4	9.0	94.24*
0778	21.0- 8.0- 8.0	23.8	7.9	7.0*	106.67
0527**	23.0- 3.0- 8.0	22.0	2.8	8.6	97.00
1564	23.0- 3.0- 8.0	21.1	3.0	8.5	94.50*
1406	26.0- 0.0- 3.0	26.2	0.0	3.2	101.09
0783**	30.0- 0.0- 3.0	35.2	0.0	2.6*	115.87
#TOTALS - NO. SAMPLES	43 - SMPLS MISBRANDED	17	-	99.10	
HYPONEX CORPORATION		MARYSVILLE, OH			
0390	10.0-10.0-10.0	12.6	13.8	8.4*	122.40
1214	13.0-13.0-13.0	13.3	13.9	13.5	104.46
#TOTALS - NO. SAMPLES	2 - SMPLS MISBRANDED	1	-	112.26	
JUNGLE GROWTH, LLC		STATHAM, GA			
1279**	11.0- 2.0- 3.0	11.6	2.9	3.9	113.45
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0	-	113.45	
LEBANON SEABOARD CORPORATION		LEBANON, PA			
0737	13.0-13.0-13.0	12.9	12.6	13.1	98.62
0343**	24.0- 0.0-12.0	20.9*	0.0	13.4	92.00*
0787**	24.0- 0.0-12.0	22.0	0.0	11.3	92.17*
0788**	24.0- 0.0-12.0	21.4*	0.0	12.2	91.67*
0340	36.0- 0.0- 4.0	36.2	0.0	4.6	101.32
0781	36.0- 0.0- 4.0	33.4*	0.0	4.8	94.21*
#TOTALS - NO. SAMPLES	6 - SMPLS MISBRANDED	4	-	95.26	
LESCO, INC		CLEVELAND, OH			
1054	18.0- 0.0-18.0	14.4*	0.0	19.6	89.63*
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	1	-	89.63	
MEARS FERTILIZER, INC		EL DORADO, KS			
1678**	20.0- 3.0-10.0	20.4	3.1	10.2	102.14
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0	-	102.14	
MFA PLANT FOODS		COLUMBIA, MO			
0114**	6.0-24.0-24.0	10.9	26.5	18.8*	111.43
0298**	6.0-24.0-24.0	9.0	23.5	23.5	105.36
0020**	13.0-13.0-13.0	12.6	13.6	13.1	100.77
0112**	13.0-13.0-13.0	8.0*	9.2*	17.1	79.23*
0289**	13.0-13.0-13.0	14.5	13.0	12.6	104.00
0581**	13.0-13.0-13.0	12.6	12.4	14.1	98.62
1216**	13.0-13.0-13.0	13.1	13.7	12.9	102.31
1455**	13.0-13.0-13.0	12.3	13.2	13.8	99.69
1626**	13.0-13.0-13.0	12.6	13.5	12.9	100.15
1627**	13.0-13.0-13.0	12.6	12.4	13.1	97.08
0033	20.0-10.0-10.0	21.6	10.9	10.1	107.29
0579	20.0-10.0-10.0	20.0	9.6	8.9*	97.29
#TOTALS - NO. SAMPLES	12 - SMPLS MISBRANDED	3	-	100.66	
MILWAUKEE METROPOLITAN SEWERAGE DISTR		MILWAUKEE, WI			
0920	5.0- 2.0- 0.0	6.1	3.8	0.0	141.43
0921**	5.0- 2.0- 0.0	6.7	4.2	0.0	155.71

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MILWAUKEE METROPOLITAN SEWERAGE DISTR		MILWAUKEE, WI			
1280**	5.0- 2.0- 0.0	5.6	4.0	0.0	137.14
#TOTALS - NO. SAMPLES	3 - SMPLS MISBRANDED	0	-	144.76	
MIRACLE-GRO LAWN PRODUCTS INC		MARYSVILLE, OH			
0922**	0.2- 0.0- 0.1	0.5	0.3	0.2	257.14
1450**	24.0- 8.0-16.0	24.8	8.8	16.5	104.63
#TOTALS - NO. SAMPLES	2 - SMPLS MISBRANDED	0	-	105.94	
MONTY'S PLANT FOOD CO, INC		LOUISVILLE, KY			
0280	2.0-15.0-15.0	3.4	16.9	16.8	117.14
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0	-	117.14	
OAKLEY FERTILIZER, INC		BEEBE, AR			
1191	13.0-13.0-13.0	11.0*	10.0*	15.4	88.31*
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	1	-	88.31	
PMI NUTRITION INTERNATIONAL LLC		BRENTWOOD, MO			
0780	3.0- 1.0- 5.0	3.5	1.9	5.8	127.69
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0	-	127.69	
R & M FEED - PARTS CENTER		POTOSI, MO			
0389	12.0-12.0-12.0	12.7	13.0	12.6	106.67
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0	-	106.67	
SCOTTS MIRACLE-GRO PRODUCTS INC		MARYSVILLE, OH			
0103**	7.0- 7.0- 7.0	7.9	7.4	7.4	108.57
0179**	8.0- 7.0- 6.0	7.9	7.7	6.3	104.17
#TOTALS - NO. SAMPLES	2 - SMPLS MISBRANDED	0	-	106.33	
SCOTTS-SIERRA HORTICULTURAL PRODUCT		MARYSVILLE, OH			
1565	19.0- 6.0-12.0	19.5	6.7	13.4	106.13
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0	-	106.13	
STARK BRO'S NURSERIES & ORCHARDS CO		LOUISIANA, MO			
1625	20.0-21.0-20.0	21.2	21.3	19.8	102.75
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0	-	102.75	
STRAATMANN FEED & TRANSFER, INC		LABADIE, MO			
0857	6.0-24.0-24.0	7.8	26.2	22.2	107.38
1628	6.0-24.0-24.0	9.0	24.0	24.1	107.26
0855	12.0-12.0-12.0	14.3	13.4	11.2	111.00
0852	20.0-10.0-10.0	25.8	9.4	8.2*	112.29
1101	20.0-10.0-10.0	18.1	7.9*	11.6	90.86*
#TOTALS - NO. SAMPLES	5 - SMPLS MISBRANDED	2	-	105.73	
SUN BULB CO. INC		ARCADIA, FL			
0191**	11.0-35.0-15.0	11.7	36.3	15.1	103.83
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0	-	103.83	
SUN GRO HORTICULTURE - PINE BLUFF		PINE BLUFF, AR			
1624**	22.0-24.0-12.0	22.5	25.8	12.2	104.62
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0	-	104.62	
SWISS FARMS PRODUCTS INC		LAS VEGAS, NV			
0435	20.0-27.0- 5.0	19.8	27.3	5.8	101.01
0925	28.0- 0.0- 3.0	27.8	0.0	3.7	100.51
1283**	29.0- 0.0- 4.0	28.6	0.0	4.1	98.87
#TOTALS - NO. SAMPLES	3 - SMPLS MISBRANDED	0	-	100.27	
T AND N INC		FORISTELL, MO			
0193	6.0-24.0-24.0	7.2	26.5	23.8	108.57
0392	6.0-24.0-24.0	5.3*	22.1	25.2	95.24*
1004	6.0-24.0-24.0	8.8	24.3	23.6	106.90
1005	6.0-24.0-24.0	5.8	23.4	24.5	98.69
1104	6.0-24.0-24.0	5.5	21.4*	24.7	93.45*
0048	12.0-12.0-12.0	11.0	11.4	11.4	93.67*
0189	12.0-12.0-12.0	9.9*	10.1*	11.9	86.50*
0290	12.0-12.0-12.0	11.4	10.7*	11.7	93.17*
0292	12.0-12.0-12.0	11.2	10.4*	11.5	91.17*
0738	12.0-12.0-12.0	10.2*	9.2*	12.0	84.67*

## BAGGED FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
T AND N INC FORISTELL, MO					
1002	12.0-12.0-12.0	11.6	11.6	11.8	97.00
1003	12.0-12.0-12.0	11.0	11.6	11.9	95.17*
1103	12.0-12.0-12.0	13.5	14.4	13.9	116.17
0388	13.0-13.0-13.0	13.0	13.4	13.4	101.85
0736	13.0-13.0-13.0	12.3	11.7	13.4	94.46*
0853	13.0-13.0-13.0	13.0	12.7	11.7	97.08
0998	13.0-13.0-13.0	10.5*	11.9	13.0	88.92*
0999	13.0-13.0-13.0	12.5	12.6	12.7	96.77*
1001	13.0-13.0-13.0	13.1	13.4	12.6	100.92
1213	13.0-13.0-13.0	11.1*	11.2*	11.8	86.77*
1215	13.0-13.0-13.0	13.0	12.3	13.2	98.15
1453	13.0-13.0-13.0	13.7	13.5	14.1	105.38
1454	13.0-13.0-13.0	13.2	13.1	15.6	104.92
1523	13.0-13.0-13.0	12.0	12.3	12.5	94.00*
0187	20.0-10.0-10.0	19.5	10.0	9.7	98.14
0997	20.0-10.0-10.0	20.1	9.8	10.8	100.86
1102	20.0-10.0-10.0	19.6	10.3	10.5	100.43
1496	20.0-10.0-10.0	18.0	9.0	11.3	93.29*
0236	24.0- 2.0- 2.0	21.9*	2.1	2.1	92.78*
0238	28.0- 5.0-10.0	26.1	4.4*	9.3	92.50*
#TOTALS - NO. SAMPLES	30	- SMPLS MISBRANDED	16	-	97.14

THE ANDERSONS LAWN FERTILIZER DIV MAUMEE, OH					
1053	24.0- 0.0- 7.0	26.4	0.0	8.2	110.91
#TOTALS - NO. SAMPLES	1	- SMPLS MISBRANDED	0	-	110.91

THE SCOTTS COMPANY MARYSVILLE, OH					
1498**	10.0-10.0-10.0	11.6	12.6	11.2	119.20
1679**	20.0-10.0- 5.0	20.9	10.2	7.2	106.77
0336**	22.0- 2.0- 2.0	22.4	2.4	2.5	104.20
0654**	22.0- 2.0- 2.0	22.8	2.4	2.2	105.20
1404**	22.0- 2.0- 2.0	22.9	2.4	2.4	106.00
1407**	24.0- 0.0-10.0	24.7	0.0	11.6	105.17
0776**	24.0- 2.0-12.0	24.3	2.3	13.0	103.44
0434	24.0-25.0- 4.0	24.5	25.6	4.4	102.55
1049	24.0-25.0- 4.0	25.8	23.8	3.8	100.98
0918**	26.0- 2.0-12.0	26.5	2.2	13.0	103.53
1048	26.0- 2.0-12.0	26.6	2.2	12.9	103.68
0335**	27.0- 2.0-12.0	27.3	2.1	12.8	102.29
1405**	28.0- 0.0- 3.0	29.0	0.0	3.4	104.07
0334**	28.0- 1.0- 4.0	29.2	1.2	4.3	105.00
0529**	30.0- 0.0- 4.0	30.4	0.0	4.3	101.72
0924**	30.0- 0.0- 4.0	30.6	0.0	4.8	103.13
0341**	32.0- 0.0- 4.0	32.8	0.0	4.3	102.79
1499**	32.0- 0.0- 4.0	31.6	0.0	4.4	99.41
0237**	32.0- 0.0-10.0	32.7	0.0	10.6	102.70
0782**	32.0- 0.0-10.0	32.6	0.0	10.4	102.16
0923**	32.0- 0.0-10.0	31.8	0.0	11.4	101.35
1403**	32.0- 2.0- 8.0	32.1	2.2	8.3	101.18
#TOTALS - NO. SAMPLES	22	- SMPLS MISBRANDED	0	-	103.55

VOLUNTARY PURCHASING GROUPS BONHAM, TX					
0565	5.0- 1.0- 1.0	5.9	1.6	1.2	124.62
0856	9.0-59.0- 8.0	9.3	58.7	8.0	100.00
0786	25.0- 0.0- 6.0	24.5	0.0	6.7	99.46
0917	28.0- 4.0- 4.0	26.4	4.7	4.0	97.35
#TOTALS - NO. SAMPLES	4	- SMPLS MISBRANDED	0	-	100.39

WINFIELD SOLUTIONS, LLC ST. PAUL, MN					
1522**	10.0-10.0-10.0	9.4	9.9	10.1	97.40
0293	12.0-12.0-12.0	11.9	11.9	11.9	99.17
0580	18.0-24.0- 6.0	17.6	24.4	6.0	100.00
0657	24.0- 0.0- 4.0	23.2	0.0	3.5*	95.96*
#TOTALS - NO. SAMPLES	4	- SMPLS MISBRANDED	1	-	98.45

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	

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 \* 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 23.

# Totals from July 1, 2012.

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	

ADI AGRONOMY INC		PORTAGEVILLE, MO			
0446	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
0447	0.0- 0.0-60.0	0.0	0.0	61.8	103.00
#TOTALS - NO. SAMPLES		2	- SMPLS MISBRANDED	0	- 102.91

ADM FERTILIZER		MINNEAPOLIS, MN			
0456	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
0462	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
0537	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0674	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	61.0	101.67
1805	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
1942	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
2033	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
0589	11.0-52.0- 0.0	11.6	52.3	0.0	101.43
1604	11.0-52.0- 0.0	11.3	52.5	0.0	101.27
1752	11.0-52.0- 0.0	11.4	52.1	0.0	100.79
1886	11.0-52.0- 0.0	11.6	52.2	0.0	101.27
0423	18.0-46.0- 0.0	18.4	47.0	0.0	102.19
0424	18.0-46.0- 0.0	18.4	47.1	0.0	102.34
0427	18.0-46.0- 0.0	18.4	47.4	0.0	102.81
0428	18.0-46.0- 0.0	18.5	47.3	0.0	102.81
0509	18.0-46.0- 0.0	18.3	46.8	0.0	101.72
1027	18.0-46.0- 0.0	17.9	46.5	0.0	100.63
1258	18.0-46.0- 0.0	18.0	46.5	0.0	100.78
1485	18.0-46.0- 0.0	18.3	46.7	0.0	101.56
1768	18.0-46.0- 0.0	17.8	46.0	0.0	99.69
1770	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
2025	18.0-46.0- 0.0	17.9	45.9	0.0	99.69
0558	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
0485	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1519	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1520	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1720	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1721	46.0- 0.0- 0.0	45.7	0.0	0.0	99.35
1852	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES		30	- SMPLS MISBRANDED	0	- 101.22

AG DISTRIBUTORS, INC		NASHVILLE, TN			
0543	0.0- 0.0-60.0	0.0	0.0	61.5	102.50
0545	0.0- 0.0-60.0	0.0	0.0	59.8	99.67
0690	0.0- 0.0-60.0	0.0	0.0	61.9	103.17
0796	0.0- 0.0-60.0	0.0	0.0	59.8	99.67
0797	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0798	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
0942	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
0943	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0945	0.0- 0.0-60.0	0.0	0.0	61.5	102.50
0947	0.0- 0.0-60.0	0.0	0.0	61.5	102.50
0409	18.0-46.0- 0.0	17.6	45.8	0.0	99.06
0414	18.0-46.0- 0.0	17.6	45.8	0.0	99.06
0511	18.0-46.0- 0.0	17.6	45.8	0.0	99.06
0512	18.0-46.0- 0.0	17.6	45.5	0.0	98.59
0639	18.0-46.0- 0.0	17.6	45.7	0.0	98.91
0640	18.0-46.0- 0.0	17.7	46.0	0.0	99.53
0756	18.0-46.0- 0.0	17.8	45.3	0.0	98.59
0895	18.0-46.0- 0.0	0.1*	0.2*	0.0	0.47*
0896	18.0-46.0- 0.0	17.9	45.8	0.0	99.53
0898	18.0-46.0- 0.0	18.7	46.5	0.0	101.88
0899	18.0-46.0- 0.0	17.8	45.7	0.0	99.22
0904	18.0-46.0- 0.0	17.9	45.8	0.0	99.53
0845	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
#TOTALS - NO. SAMPLES		23	- SMPLS MISBRANDED	1	- 94.37

AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
1423	0.0- 0.0-61.0	0.0	0.0	60.4	99.02
1364	11.0-52.0- 0.0	11.2	52.8	0.0	101.59
1888	11.0-52.0- 0.0	11.6	52.3	0.0	101.43
0572	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
#TOTALS - NO. SAMPLES		4	- SMPLS MISBRANDED	0	- 101.13

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	

AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
1516**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
0263	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0264	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
0350	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0675	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
0683	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
1064	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
1065	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
1068	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1069	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
1294	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
1412	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1501	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1502	0.0- 0.0-60.0	0.0	0.0	59.8	99.67
1573	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
1574	0.0- 0.0-60.0	0.0	0.0	61.6	102.67
1592	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
1593	0.0- 0.0-60.0	0.0	0.0	61.9	103.17
1594	0.0- 0.0-60.0	0.0	0.0	61.8	103.00
1795	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
2036	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
0093	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
0094	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
0100	0.0- 0.0-62.4	0.0	0.0	62.6	100.32
0372	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
0467	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0473	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0550	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
0555	0.0- 0.0-62.2	0.0	0.0	62.7	100.80
0556	0.0- 0.0-62.2	0.0	0.0	62.6	100.64
0704	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
0709	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
0958	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
0959	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0960	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
1077	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1080	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1081	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1161	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
1162	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1163	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
1301	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1302	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
1303	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
1304	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
1305	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1508	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
1509	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
1510	0.0- 0.0-62.2	0.0	0.0	62.5	100.48
1582	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
1697	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
1701	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
1812	0.0- 0.0-62.0	0.0	0.0	63.0	101.61
1813	0.0- 0.0-62.0	0.0	0.0	63.0	101.61
2040	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
2042	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
2043	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
2044	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
2045	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
0050	11.0-52.0- 0.0	11.8	52.9	0.0	102.70
0051	11.0-52.0- 0.0	11.8	52.8	0.0	102.54
0054	11.0-52.0- 0.0	11.9	52.7	0.0	102.54
0055	11.0-52.0- 0.0	11.9	52.6	0.0	102.38
0056	11.0-52.0- 0.0	11.8	52.7	0.0	102.38
0057	11.0-52.0- 0.0	11.8	52.0	0.0	101.27
0128	11.0-52.0- 0.0	11.7	52.9	0.0	102.54
0202	11.0-52.0- 0.0	11.7	53.0	0.0	102.70
0203	11.0-52.0- 0.0	11.7	53.2	0.0	103.02
0204	11.0-52.0- 0.0	11.7	53.0	0.0	102.70
0306	11.0-52.0- 0.0	11.7	52.7	0.0	102.22

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
0308	11.0-52.0- 0.0	12.8	52.1	0.0	103.02
0311	11.0-52.0- 0.0	11.6	52.4	0.0	101.59
0312	11.0-52.0- 0.0	11.7	52.3	0.0	101.59
0313	11.0-52.0- 0.0	11.7	52.3	0.0	101.59
0395	11.0-52.0- 0.0	11.5	52.5	0.0	101.59
0397	11.0-52.0- 0.0	11.8	52.9	0.0	102.70
0400	11.0-52.0- 0.0	11.6	52.9	0.0	102.38
0401	11.0-52.0- 0.0	11.7	52.7	0.0	102.22
0499	11.0-52.0- 0.0	11.7	52.9	0.0	102.54
0501	11.0-52.0- 0.0	11.7	52.8	0.0	102.38
0502	11.0-52.0- 0.0	11.5	52.4	0.0	101.43
0593	11.0-52.0- 0.0	11.7	52.8	0.0	102.38
0599	11.0-52.0- 0.0	11.6	52.6	0.0	101.90
0748	11.0-52.0- 0.0	11.7	52.5	0.0	101.90
0872	11.0-52.0- 0.0	11.2	52.8	0.0	101.59
0873	11.0-52.0- 0.0	11.7	52.2	0.0	101.43
1012	11.0-52.0- 0.0	11.1	52.9	0.0	101.59
1013	11.0-52.0- 0.0	10.9	51.9	0.0	99.68
1019	11.0-52.0- 0.0	11.4	52.4	0.0	101.27
1020	11.0-52.0- 0.0	11.7	53.0	0.0	102.70
1021	11.0-52.0- 0.0	11.0	52.2	0.0	100.32
1022	11.0-52.0- 0.0	11.3	52.1	0.0	100.63
1119	11.0-52.0- 0.0	11.8	52.9	0.0	102.70
1232	11.0-52.0- 0.0	10.9	52.2	0.0	100.16
1233	11.0-52.0- 0.0	11.7	52.7	0.0	102.22
1240	11.0-52.0- 0.0	10.9	52.4	0.0	100.48
1242	11.0-52.0- 0.0	11.3	54.1	0.0	103.81
1243	11.0-52.0- 0.0	11.0	52.5	0.0	100.79
1366	11.0-52.0- 0.0	11.0	53.6	0.0	102.54
1367	11.0-52.0- 0.0	11.1	53.3	0.0	102.22
1369	11.0-52.0- 0.0	11.9	52.7	0.0	102.54
1371	11.0-52.0- 0.0	10.9	52.2	0.0	100.16
1372	11.0-52.0- 0.0	11.1	54.1	0.0	103.49
1373	11.0-52.0- 0.0	11.1	54.0	0.0	103.33
1475	11.0-52.0- 0.0	11.0	52.5	0.0	100.79
1478	11.0-52.0- 0.0	11.0	52.5	0.0	100.79
1479	11.0-52.0- 0.0	11.2	53.5	0.0	102.70
1480	11.0-52.0- 0.0	11.1	53.7	0.0	102.86
1544	11.0-52.0- 0.0	11.0	52.3	0.0	100.48
1605	11.0-52.0- 0.0	10.9	52.3	0.0	100.32
1606	11.0-52.0- 0.0	11.0	52.6	0.0	100.95
1651	11.0-52.0- 0.0	11.1	52.3	0.0	100.63
1656	11.0-52.0- 0.0	11.1	52.5	0.0	100.95
1756	11.0-52.0- 0.0	11.7	52.7	0.0	102.22
1757	11.0-52.0- 0.0	11.7	52.3	0.0	101.59
1759	11.0-52.0- 0.0	11.6	52.3	0.0	101.43
2010	11.0-52.0- 0.0	11.2	52.2	0.0	100.63
2011	11.0-52.0- 0.0	11.2	52.1	0.0	100.48
2012	11.0-52.0- 0.0	11.5	52.8	0.0	102.06
2014	11.0-52.0- 0.0	11.9	52.4	0.0	102.06
2016	11.0-52.0- 0.0	11.2	52.3	0.0	100.79
0226	18.0-46.0- 0.0	18.4	46.9	0.0	102.03
0521	18.0-46.0- 0.0	17.6	46.1	0.0	99.53
0522	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
0620	18.0-46.0- 0.0	18.1	46.9	0.0	101.56
0629	18.0-46.0- 0.0	17.9	46.4	0.0	100.47
0634	18.0-46.0- 0.0	17.7	46.1	0.0	99.69
0645	18.0-46.0- 0.0	18.3	46.6	0.0	101.41
0646	18.0-46.0- 0.0	17.6	45.7	0.0	98.91
0762	18.0-46.0- 0.0	17.8	45.8	0.0	99.38
1033	18.0-46.0- 0.0	17.5	46.2	0.0	99.53
1036	18.0-46.0- 0.0	17.5	46.4	0.0	99.84
1379	18.0-46.0- 0.0	18.1	46.6	0.0	101.09
1487	18.0-46.0- 0.0	17.7	46.2	0.0	99.84
1556	18.0-46.0- 0.0	17.6	46.3	0.0	99.84
1557	18.0-46.0- 0.0	18.1	46.6	0.0	101.09
1772	18.0-46.0- 0.0	18.0	46.4	0.0	100.63
1774	18.0-46.0- 0.0	18.4	46.6	0.0	101.56
1909	18.0-46.0- 0.0	17.9	46.5	0.0	100.63
1913	18.0-46.0- 0.0	17.6	46.6	0.0	100.31

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
2020	18.0-46.0- 0.0	18.1	46.3	0.0	100.63
2021	18.0-46.0- 0.0	18.2	46.3	0.0	100.78
2023	18.0-46.0- 0.0	18.0	46.2	0.0	100.31
2024	18.0-46.0- 0.0	18.0	46.0	0.0	100.00
1091**	20.5- 0.0- 0.0	21.3	0.0	0.0	103.90
1590**	20.5- 0.0- 0.0	21.4	0.0	0.0	104.39
2049**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
0711	33.5- 0.0- 0.0	34.2	0.0	0.0	102.09
0011	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
0719	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
0822	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
0823	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
0973	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1330	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
1826	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1837	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
1838	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
1988	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
2047	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
0108	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0493	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
0847	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
0848	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
1194	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1201	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
1449	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1615	46.0- 0.0- 0.0	45.6	0.0	0.0	99.13
1616	46.0- 0.0- 0.0	46.1	0.0	0.0	100.22
1619	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1620	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1725	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
1726	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
1727	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
1998	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1999	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2000	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2001	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2002	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2003	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2004	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2005	46.0- 0.0- 0.0	45.9	0.0	0.0	99.78
#TOTALS - NO. SAMPLES		181	SMPLS MISBRANDED	0	101.29
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
1941	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
1947	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
#TOTALS - NO. SAMPLES		2	SMPLS MISBRANDED	0	100.25
AGRIUM U.S. INC.		DENVER, CO			
0019	44.0- 0.0- 0.0	45.0	0.0	0.0	102.27
#TOTALS - NO. SAMPLES		1	SMPLS MISBRANDED	0	102.27
AGRIUM U.S. INC.		BEATRICE, NE			
0248	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
0250	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
0251	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
0259	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0260	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
0197	11.0-52.0- 0.0	11.3	52.9	0.0	101.90
#TOTALS - NO. SAMPLES		6	SMPLS MISBRANDED	0	101.99
AMERICAN PLANT FOOD CORPORATION		GALENA PARK, TX			
0478**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
0720**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
0826**	21.0- 0.0- 0.0	20.8	0.0	0.0	99.05
#TOTALS - NO. SAMPLES		3	SMPLS MISBRANDED	0	100.31
AMEROPA NORTH AMERICA, INC		TAMPA, FL			
0480**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
0562**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
<b>AMEROPA NORTH AMERICA, INC</b>					
TAMPA, FL					
0726**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00
0976**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
0977**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
0379	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES	6 - SMPLS MISBRANDED	0	0	0	100.66
<b>BEN-TREI FERTILIZER CO, LLC</b>					
TULSA, OK					
0365	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
1506	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
2037	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0701	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0813	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
0949	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
0955	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
1598	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
1599	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
1814	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
1815	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
0131	11.0-52.0- 0.0	12.2	52.2	0.0	102.22
0132	11.0-52.0- 0.0	11.3	52.6	0.0	101.43
0588	11.0-52.0- 0.0	12.9	52.1	0.0	103.17
0134	18.0-46.0- 0.0	17.3	45.5	0.0	98.13
0616	18.0-46.0- 0.0	17.4	45.6	0.0	98.44
0891	18.0-46.0- 0.0	18.0	46.2	0.0	100.31
1484	18.0-46.0- 0.0	17.6	45.8	0.0	99.06
1489	18.0-46.0- 0.0	17.4	45.8	0.0	98.75
1490	18.0-46.0- 0.0	17.7	46.3	0.0	100.00
0038	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
0039	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
0040	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
0041	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
0042	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
0972	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
1836	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
1731	44.0- 0.0- 0.0	45.2	0.0	0.0	102.73
#TOTALS - NO. SAMPLES	28 - SMPLS MISBRANDED	0	0	0	100.69
<b>CENTRAL MISSOURI POULTRY PRODUCERS</b>					
CALIFORNIA, MO					
0241	3.0- 3.0- 2.0	3.3	3.0	2.2	105.71
0242	3.0- 3.0- 2.0	3.6	2.9	2.1	107.86
1281	3.0- 3.0- 2.0	3.2	3.0	1.9	102.14
#TOTALS - NO. SAMPLES	3 - SMPLS MISBRANDED	0	0	0	105.23
<b>CF INDUSTRIES, INC</b>					
DEERFIELD, IL					
0230**	11.0-40.0- 0.0	11.3	40.0	0.0	100.59
1547	11.0-52.0- 0.0	10.9	52.1	0.0	100.00
0072	18.0-46.0- 0.0	17.2	45.8	0.0	98.44
1660	18.0-46.0- 0.0	17.9	45.8	0.0	99.53
#TOTALS - NO. SAMPLES	4 - SMPLS MISBRANDED	0	0	0	99.58
<b>CHS INC</b>					
ST PAUL, MN					
1966	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0032	18.0-46.0- 0.0	18.2	46.0	0.0	100.31
0142	18.0-46.0- 0.0	17.7	46.3	0.0	100.00
#TOTALS - NO. SAMPLES	3 - SMPLS MISBRANDED	0	0	0	100.34
<b>CGB FERTILIZER</b>					
JEFFERSONVILLE, IN					
0460	0.0- 0.0-60.0	0.0	0.0	59.7	99.50
1148	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
1806	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0120	11.0-52.0- 0.0	12.1	52.7	0.0	102.86
0121	11.0-52.0- 0.0	12.1	52.6	0.0	102.70
0586	11.0-52.0- 0.0	11.7	52.5	0.0	101.90
0587	11.0-52.0- 0.0	11.9	52.7	0.0	102.54
1891	11.0-52.0- 0.0	11.7	52.5	0.0	101.90
1893	11.0-52.0- 0.0	11.4	52.5	0.0	101.43
0420	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
0508	18.0-46.0- 0.0	17.6	46.0	0.0	99.38
1491	18.0-46.0- 0.0	18.5	46.7	0.0	101.88
1769	18.0-46.0- 0.0	17.5	45.8	0.0	98.91

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
<b>CGB FERTILIZER</b>					
JEFFERSONVILLE, IN					
1924	18.0-46.0- 0.0	18.1	46.6	0.0	101.09
0476	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
0559	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
0975	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1167	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
1169	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1170	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1514	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
1987	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00
1711	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES	23 - SMPLS MISBRANDED	0	0	0	101.19
<b>CONSUMERS OIL &amp; SUPPLY CO</b>					
BRAYMER, MO					
0150	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0596	11.0-52.0- 0.0	11.5	52.4	0.0	101.43
0136	18.0-46.0- 0.0	17.7	45.7	0.0	99.06
0105	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
#TOTALS - NO. SAMPLES	4 - SMPLS MISBRANDED	0	0	0	100.39
<b>CROP PRODUCTION SERVICES-4025</b>					
MARSTON, MO					
0541	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0544	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
0692	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1153	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
1291	0.0- 0.0-60.0	0.0	0.0	61.5	102.50
0526	0.0-46.0- 0.0	0.0	45.8	0.0	99.57
0510	18.0-46.0- 0.0	17.9	45.8	0.0	99.53
0514	18.0-46.0- 0.0	17.6	45.5	0.0	98.59
0515	18.0-46.0- 0.0	17.2	45.7	0.0	98.28
0635	18.0-46.0- 0.0	18.3	46.6	0.0	101.41
1132	18.0-46.0- 0.0	17.5	46.0	0.0	99.22
1254	18.0-46.0- 0.0	17.7	46.2	0.0	99.84
1332**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43
0489	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
1196	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES	15 - SMPLS MISBRANDED	0	0	0	100.28
<b>CROP PRODUCTION SERVICES-3528</b>					
QUINCY, IL					
0009	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0348	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
1295	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
1684	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1809	0.0- 0.0-60.0	0.0	0.0	61.5	102.50
1955	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1959	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0016	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0272	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0673	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0710	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0952	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
1075	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1076	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
1156	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
1819	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0006	11.0-52.0- 0.0	11.4	52.8	0.0	101.90
0008	11.0-52.0- 0.0	11.3	52.6	0.0	101.43
0059	11.0-52.0- 0.0	11.3	52.2	0.0	100.79
0060	11.0-52.0- 0.0	11.7	52.5	0.0	101.90
0061	11.0-52.0- 0.0	11.5	52.5	0.0	101.59
0212	11.0-52.0- 0.0	11.4	52.5	0.0	101.43
0590	11.0-52.0- 0.0	11.5	52.3	0.0	101.27
0741	11.0-52.0- 0.0	11.0	51.7	0.0	99.52
0747	11.0-52.0- 0.0	11.0	51.3	0.0	98.89
0865	11.0-52.0- 0.0	10.9	51.8	0.0	99.52
1015	11.0-52.0- 0.0	10.9	52.2	0.0	100.16
1016	11.0-52.0- 0.0	11.6	52.6	0.0	101.90
1017	11.0-52.0- 0.0	11.0	52.2	0.0	100.32
1113	11.0-52.0- 0.0	11.3	52.7	0.0	101.59
1238	11.0-52.0- 0.0	10.9	52.3	0.0	100.32
1539	11.0-52.0- 0.0	10.9	52.3	0.0	100.32

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
CROP PRODUCTION SERVICES-3528					
		QUINCY, IL			
1646	11.0-52.0- 0.0	11.7	53.1	0.0	102.86
1648	11.0-52.0- 0.0	11.6	52.6	0.0	101.90
1652	11.0-52.0- 0.0	11.7	52.1	0.0	101.27
1760	11.0-52.0- 0.0	12.0	51.8	0.0	101.27
1761	11.0-52.0- 0.0	11.8	52.5	0.0	102.06
0002**	12.0-40.0- 0.0	11.8	40.1	0.0	99.81
1266**	12.0-40.0- 0.0	11.9	42.9	0.0	105.38
1927**	12.0-40.0- 0.0	12.1	43.1	0.0	106.15
1929**	12.0-40.0- 0.0	12.1	43.2	0.0	106.35
0073	18.0-46.0- 0.0	17.3	46.1	0.0	99.06
0605	18.0-46.0- 0.0	17.7	45.2	0.0	98.28
0607	18.0-46.0- 0.0	17.7	45.6	0.0	98.91
0608	18.0-46.0- 0.0	17.5	45.6	0.0	98.59
1262	18.0-46.0- 0.0	17.7	46.4	0.0	100.16
1553	18.0-46.0- 0.0	18.1	46.6	0.0	101.09
1668	18.0-46.0- 0.0	17.8	46.2	0.0	100.00
1777	18.0-46.0- 0.0	18.2	46.3	0.0	100.78
1778	18.0-46.0- 0.0	17.9	46.3	0.0	100.31
0994	44.0- 0.0- 0.0	45.3	0.0	0.0	102.95
1448	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
1862	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
#TOTALS - NO. SAMPLES	53	- SMPLS MISBRANDED	0	-	101.05

CTL FARM SERVICE INC		BETHANY, MO			
2034	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
#TOTALS - NO. SAMPLES	1	- SMPLS MISBRANDED	0	-	101.50

EL DORADO CHEMICAL CO		EL DORADO, AR			
1317	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
1318	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
1319	34.0- 0.0- 0.0	33.9	0.0	0.0	99.71
1320	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
1587	34.0- 0.0- 0.0	34.9	0.0	0.0	102.65
1977	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1978	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1979	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1980	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
1984	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
1985	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
#TOTALS - NO. SAMPLES	11	- SMPLS MISBRANDED	0	-	101.31

FOWLER ELEVATOR, INC		UNIONVILLE, MO			
0034	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0695	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
0049	11.0-52.0- 0.0	11.8	51.9	0.0	101.11
0031	18.0-46.0- 0.0	18.0	45.9	0.0	99.84
0064	18.0-46.0- 0.0	17.9	46.1	0.0	100.00
#TOTALS - NO. SAMPLES	5	- SMPLS MISBRANDED	0	-	100.65

FRIT INDUSTRIES		OZARK, AL			
0727**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES	1	- SMPLS MISBRANDED	0	-	100.00

GAGE'S FERTILIZER & GRAIN, INC		BETHANY, MO			
1334**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
#TOTALS - NO. SAMPLES	1	- SMPLS MISBRANDED	0	-	100.95

GAVILON FERTILIZER, LLC		NEW FRANKLIN, MO			
0166	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
0466	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0468	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
0469	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
0470	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
0471	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0472	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
0705	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	62.5	100.81
0950	0.0- 0.0-62.0	0.0	0.0	63.0	101.61
1160	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
1180	0.0- 0.0-62.0	0.0	0.0	62.6	100.97

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
GAVILON FERTILIZER, LLC					
		NEW FRANKLIN, MO			
1181	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1310	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
1427	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1583	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1700	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1816	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1817	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1818	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1975	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
2041	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
0398	11.0-52.0- 0.0	11.7	52.9	0.0	102.54
0740	11.0-52.0- 0.0	12.8	52.3	0.0	103.33
1546	11.0-52.0- 0.0	11.0	52.6	0.0	100.95
1247	12.0-52.0- 0.0	12.9	52.5	0.0	102.19
0327	18.0-46.0- 0.0	18.0	46.4	0.0	100.63
0419	18.0-46.0- 0.0	17.9	46.4	0.0	100.47
0617	18.0-46.0- 0.0	17.9	46.3	0.0	100.31
0750	18.0-46.0- 0.0	17.7	46.0	0.0	99.53
0752	18.0-46.0- 0.0	17.7	45.7	0.0	99.06
0886	18.0-46.0- 0.0	18.0	46.1	0.0	100.16
1035	18.0-46.0- 0.0	17.4	46.4	0.0	99.69
1186	18.0-46.0- 0.0	17.5	46.1	0.0	99.38
1483	18.0-46.0- 0.0	17.7	46.0	0.0	99.53
1488	18.0-46.0- 0.0	17.6	45.9	0.0	99.22
1558	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
1669	18.0-46.0- 0.0	17.9	45.9	0.0	99.69
2022	18.0-46.0- 0.0	17.9	45.8	0.0	99.53
#TOTALS - NO. SAMPLES	39	- SMPLS MISBRANDED	0	-	100.52

GAVILON FERTILIZER, LLC		CATOOSA, OK			
0119	11.0-52.0- 0.0	12.9	52.3	0.0	103.49
1642	11.0-52.0- 0.0	12.7	52.1	0.0	102.86
1643	11.0-52.0- 0.0	11.8	52.4	0.0	101.90
0911**	12.0-40.0- 0.0	12.2	42.7	0.0	105.58
0138	18.0-46.0- 0.0	18.2	46.9	0.0	101.72
0223	18.0-46.0- 0.0	17.6	45.9	0.0	99.22
0224	18.0-46.0- 0.0	17.8	46.6	0.0	100.63
0225	18.0-46.0- 0.0	18.2	46.9	0.0	101.72
0403	18.0-46.0- 0.0	17.9	46.4	0.0	100.47
0602	18.0-46.0- 0.0	17.6	46.2	0.0	99.69
0604	18.0-46.0- 0.0	18.5	46.4	0.0	101.41
1026	18.0-46.0- 0.0	17.4	46.0	0.0	99.06
1382	18.0-46.0- 0.0	18.2	46.3	0.0	100.78
1613	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
#TOTALS - NO. SAMPLES	14	- SMPLS MISBRANDED	0	-	101.32

GAVILON FERTILIZER, INC		KANSAS CITY, MO			
1128	18.0-46.0- 0.0	17.7	46.0	0.0	99.53
1130	18.0-46.0- 0.0	17.4	46.1	0.0	99.22
#TOTALS - NO. SAMPLES	2	- SMPLS MISBRANDED	0	-	99.37

GAVILON FERTILIZER, LLC		SAVANNAH, GA			
0753	18.0-46.0- 0.0	17.8	45.8	0.0	99.38
0881	18.0-46.0- 0.0	18.6	46.3	0.0	101.41
0882	18.0-46.0- 0.0	17.6	45.8	0.0	99.06
#TOTALS - NO. SAMPLES	3	- SMPLS MISBRANDED	0	-	99.94

GAVILON FERTILIZER LLC		SAUGET, IL			
0670	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0680	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1418	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1579	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
1803	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1949	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
1950	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
0036	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0092	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0270	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
0369	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0371	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 <sub>2</sub> O <sub>5</sub>	Potash	
GAVILON FERTILIZER LLC SAUGET, IL					
0814	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
0953	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
0963	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1078	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
1178	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
1306	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
1307	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1971	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
1972	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
1974	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
2038	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
2039	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
0058	11.0-52.0- 0.0	11.8	52.0	0.0	101.27
0122	11.0-52.0- 0.0	12.8	52.3	0.0	103.33
0201	11.0-52.0- 0.0	11.4	52.1	0.0	100.79
0300	11.0-52.0- 0.0	12.8	52.2	0.0	103.17
0301	11.0-52.0- 0.0	11.8	52.5	0.0	102.06
0591	11.0-52.0- 0.0	11.8	52.5	0.0	102.06
0592	11.0-52.0- 0.0	13.0	51.9	0.0	103.02
0594	11.0-52.0- 0.0	11.1	53.2	0.0	102.06
0875	11.0-52.0- 0.0	12.9	51.8	0.0	102.70
1234	11.0-52.0- 0.0	12.8	52.0	0.0	102.86
1235	11.0-52.0- 0.0	12.5	52.1	0.0	102.54
1244	11.0-52.0- 0.0	12.9	52.6	0.0	103.97
1476	11.0-52.0- 0.0	10.9	52.1	0.0	100.00
1477	11.0-52.0- 0.0	10.9	52.4	0.0	100.48
1481	11.0-52.0- 0.0	11.0	52.4	0.0	100.63
1537	11.0-52.0- 0.0	11.6	53.3	0.0	103.02
1901	11.0-52.0- 0.0	11.8	52.3	0.0	101.75
1903	11.0-52.0- 0.0	11.9	52.7	0.0	102.54
1904	11.0-52.0- 0.0	11.6	53.0	0.0	102.54
2013	11.0-52.0- 0.0	11.8	52.2	0.0	101.59
2015	11.0-52.0- 0.0	11.8	52.2	0.0	101.59
0133	12.0-52.0- 0.0	12.8	52.5	0.0	102.03
0402	12.0-52.0- 0.0	13.7	51.5	0.0	101.88
0601	12.0-52.0- 0.0	12.8	52.1	0.0	101.41
1482	12.0-52.0- 0.0	11.8	52.9	0.0	101.09
0028	18.0-46.0- 0.0	18.6	46.5	0.0	101.72
0066	18.0-46.0- 0.0	18.0	45.8	0.0	99.69
0141	18.0-46.0- 0.0	18.2	46.8	0.0	101.56
0627	18.0-46.0- 0.0	17.7	46.0	0.0	99.53
0628	18.0-46.0- 0.0	17.5	46.0	0.0	99.22
0631	18.0-46.0- 0.0	18.3	46.9	0.0	101.88
0902	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
1122	18.0-46.0- 0.0	17.5	46.2	0.0	99.53
1123	18.0-46.0- 0.0	17.4	46.0	0.0	99.06
1126	18.0-46.0- 0.0	17.4	46.1	0.0	99.22
1184	18.0-46.0- 0.0	17.4	46.2	0.0	99.38
1187	18.0-46.0- 0.0	17.3	45.8	0.0	98.59
1257	18.0-46.0- 0.0	17.8	46.3	0.0	100.16
1387	18.0-46.0- 0.0	17.3	46.1	0.0	99.06
1552	18.0-46.0- 0.0	17.6	46.1	0.0	99.53
1666	18.0-46.0- 0.0	17.8	46.0	0.0	99.69
1771	18.0-46.0- 0.0	17.5	45.7	0.0	98.75
1825	18.0-46.0- 0.0	17.8	45.7	0.0	99.22
1911	18.0-46.0- 0.0	17.6	46.5	0.0	100.16
1912	18.0-46.0- 0.0	17.6	46.1	0.0	99.53
1915	18.0-46.0- 0.0	17.7	46.7	0.0	100.63
1916	18.0-46.0- 0.0	17.6	46.6	0.0	100.31
1917	18.0-46.0- 0.0	18.3	46.9	0.0	101.88
0721**	21.0- 0.0- 0.0	20.2	0.0	0.0	96.19*
0827**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52
1990**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
1313	33.5- 0.0- 0.0	34.6	0.0	0.0	103.28
0043	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
0375	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
0376	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
0477	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
0714	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
0716	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
GAVILON FERTILIZER LLC SAUGET, IL					
0970	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
0971	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1086	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
1087	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
1321	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
1322	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1431	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
1434	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
1435	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
1436	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
1437	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
1438	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
1704	34.0- 0.0- 0.0	34.9	0.0	0.0	102.65
1830	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
1831	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
1832	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1833	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
1834	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1835	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1839	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
1840	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1989	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
0046	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0382	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0383	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0566	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0568	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0571	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
0835	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0988	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
1728	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
1856	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1857	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1863	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1997	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES 117 - SMPLS MISBRANDED 1 - 101.19					
GAVILON FERTILIZER, LLC ST JOSEPH, MO					
0035	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0149	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0151	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
0152	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0153	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
0157	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
0255	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
0361	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0362	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
0363	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0364	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0440	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0667	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1415	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1681	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1645	11.0-52.0- 0.0	11.1	51.9	0.0	100.00
0115	18.0-46.0- 0.0	17.0	46.3*	0.0	100.48
0118	18.0-46.0- 0.0	17.7	45.7*	0.0	100.63
0718	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
#TOTALS - NO. SAMPLES 19 - SMPLS MISBRANDED 2 - 100.65					
GAVILON AG SERVICES, LLC-NEBRASKA NEBRASKA CITY, NE					
0195	10.0-50.0- 0.0	11.3	52.5	0.0	106.33
0196	10.0-50.0- 0.0	11.3	52.4	0.0	106.17
0176**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 105.53					
GRANITE CITY TERMINAL LLC GRANITE CITY, IL					
0547	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0003	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
0095	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
0096	0.0- 0.0-62.0	0.0	0.0	62.9	101.45



## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
GRANITE CITY TERMINAL LLC		GRANITE CITY, IL			
0097	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
1580	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1976	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
0304	11.0-52.0- 0.0	11.7	52.9	0.0	102.54
0001	18.0-46.0- 0.0	18.1	46.3	0.0	100.63
0317	18.0-46.0- 0.0	17.8	45.6	0.0	99.06
0326	18.0-46.0- 0.0	18.0	46.0	0.0	100.00
0609	18.0-46.0- 0.0	18.2	46.0	0.0	100.31
0610	18.0-46.0- 0.0	17.8	46.1	0.0	99.84
0612	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
1251	18.0-46.0- 0.0	17.5	45.9	0.0	99.06
1377	18.0-46.0- 0.0	17.4	45.9	0.0	98.91
1918	18.0-46.0- 0.0	17.6	46.4	0.0	100.00
0106	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0381	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
1195	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1614	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
1617	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
#TOTALS - NO. SAMPLES		22 - SMPLS MISBRANDED	0 -	100.46	

GREAT SALT LAKE MINERALS CORP.		OGDEN, UT			
0662**	0.0- 0.0-50.0	0.0	0.0		
51.5	103.00				
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED	0 -	103.00	

GROWMARK, INC		BLOOMINGTON, IL			
0014	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
0671	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
0672	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
1810	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0013	18.0-46.0- 0.0	18.2	46.6	0.0	101.25
0324	18.0-46.0- 0.0	17.7	46.8	0.0	100.78
2017	18.0-46.0- 0.0	17.8	45.6	0.0	99.06
0285	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0492	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
1996	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES		10 - SMPLS MISBRANDED	0 -	100.80	

HELENA CHEMICAL CO - CANTON		WYACONDA, MO			
0010	33.5- 0.0- 0.0	33.4	0.0	0.0	99.70
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED	0 -	99.70	

HELENA CHEMICAL COMPANY		CLARKTON, MO			
0730	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED	0 -	101.09	

HELENA CHEMICAL COMPANY		COLLIERSVILLE, TN			
1083	33.5- 0.0- 0.0	34.7	0.0	0.0	103.58
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED	0 -	103.58	

HELENA CHEMICAL CO		MEMPHIS, MO			
0538	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0539	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1964	0.0- 0.0-60.0	0.0	0.0	61.6	102.67
0757	18.0-46.0- 0.0	17.8	45.2	0.0	98.44
0900	18.0-46.0- 0.0	17.8	45.8	0.0	99.38
1922	18.0-46.0- 0.0	17.9	46.6	0.0	100.78
#TOTALS - NO. SAMPLES		6 - SMPLS MISBRANDED	0 -	100.21	

HELENA CHEMICAL COMPANY -NEWTOWN		NEWTOWN, MO			
2046	33.5- 0.0- 0.0	33.8	0.0	0.0	100.90
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED	0 -	100.90	

HELENA CHEMICAL COMPANY		UNIONVILLE, MO			
1141	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
1793	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1824	33.5- 0.0- 0.0	33.6	0.0	0.0	100.30
#TOTALS - NO. SAMPLES		3 - SMPLS MISBRANDED	0 -	100.69	

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
HELM FERTILIZER CORPORATION		TAMPA, FL			
0772	0.0-46.0- 0.0	0.0	46.6	0.0	101.30
0773	0.0-46.0- 0.0	0.0	46.9	0.0	101.96
0774	0.0-46.0- 0.0	0.0	46.3	0.0	100.65
0507	18.0-46.0- 0.0	17.6	45.8	0.0	99.06
0519	18.0-46.0- 0.0	17.6	45.7	0.0	98.91
0979**	21.0- 0.0- 0.0	20.8	0.0	0.0	99.05
0168	33.5- 0.0- 0.0	34.5	0.0	0.0	102.99
0984	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
#TOTALS - NO. SAMPLES		8 - SMPLS MISBRANDED	0 -	100.54	
HOFFMAN & REED, INC		TRENTON, MO			
0934	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
0117	11.0-52.0- 0.0	11.1	52.3	0.0	100.63
0866	11.0-52.0- 0.0	11.7	52.7	0.0	102.22
0135	18.0-46.0- 0.0	18.1	46.7	0.0	101.25
0894	18.0-46.0- 0.0	18.1	46.3	0.0	100.63
1326	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
1995	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
#TOTALS - NO. SAMPLES		7 - SMPLS MISBRANDED	0 -	101.16	

HONEYWELL		HOPEWELL, VA			
0831**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43
1515**	21.0- 0.0- 0.0	21.4	0.0	0.0	101.90
#TOTALS - NO. SAMPLES		2 - SMPLS MISBRANDED	0 -	101.66	

INTER-CHEM		TULSA, OK			
0792**	0.0- 0.0-20.0	0.0	0.0	21.8	109.00
0809	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
0764	18.0-46.0- 0.0	17.7	45.4	0.0	98.59
0832**	21.0- 0.0- 0.0	20.4	0.0	0.0	97.14
0733	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES		5 - SMPLS MISBRANDED	0 -	100.00	

INTREPID POTASH- NEW MEXICO, LLC		DENVER, CO			
0261	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0800	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1152	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1577	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0464	0.0- 0.0-62.0	0.0	0.0	61.7	99.52
0697	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
0698	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
0815	0.0- 0.0-62.0	0.0	0.0	61.7	99.52
0957	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
1073	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1074	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
1308	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1425	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
#TOTALS - NO. SAMPLES		13 - SMPLS MISBRANDED	0 -	100.56	

KELLY LIMESTONE LLC		KIRKSVILLE, MO			
0012**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
1093**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES		2 - SMPLS MISBRANDED	0 -	100.00	

KNOX FERTILIZER COMPANY, INC		KNOX, IN			
0576	44.0- 0.0- 0.0	45.1	0.0	0.0	102.50
0577	44.0- 0.0- 0.0	45.4	0.0	0.0	103.18
#TOTALS - NO. SAMPLES		2 - SMPLS MISBRANDED	0 -	102.84	

KOCH AGRONOMIC SERVICES-ST LOUIS		WICHITA, KS			
0731	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
1095	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1096	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1204	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
#TOTALS - NO. SAMPLES		4 - SMPLS MISBRANDED	0 -	101.41	

KOCH NITROGEN COMPANY, LLC		BEATRICE, NE			
1494	0.0-46.0- 0.0	0.0	46.8	0.0	101.74
0567	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
#TOTALS - NO. SAMPLES		2 - SMPLS MISBRANDED	0 -	101.63	

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
KOCH NITROGEN COMPANY, LLC ST. LOUIS, MO					
1729	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.52					
KOCH NITROGEN INTERNATIONAL SARL ST LOUIS, MO					
0282	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.74					
M. G. WALDBAUM CO. WAKEFIELD, NE					
0339	4.0- 3.0- 2.0	3.5*	3.3	2.4	100.00
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 100.00					
MARTIN OPERATING PARTNERSHIP LP ODESSA, TX					
1092**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.00					
MERSCHMAN FERTILIZR LLC-(FT MADISON) WEST POINT, IA					
0801	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0804	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1296	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1685	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0549	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0816	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0496	11.0-52.0- 0.0	11.5	52.7	0.0	101.90
0743	11.0-52.0- 0.0	11.7	53.3	0.0	103.17
1241	11.0-52.0- 0.0	11.7	53.0	0.0	102.70
1261	18.0-46.0- 0.0	17.9	46.5	0.0	100.63
1661	18.0-46.0- 0.0	18.2	46.3	0.0	100.78
1278**	30.1- 0.0- 0.0	30.2	0.0	0.0	100.33
1841	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
#TOTALS - NO. SAMPLES 13 - SMPLS MISBRANDED 0 - 101.46					
MFA PLANT FOODS PALMYRA, MO					
0090	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0267	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0268	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0349	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0669	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0802	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
1063	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
1140	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1288	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1569	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1683	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
1688	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
1808	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1811	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
1943	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1956	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1958	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1961	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1962	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1963	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0004	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
0005	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
0015	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
0098	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0099	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0370	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
0700	0.0- 0.0-62.0	0.0	0.0	60.8	98.06
0017	0.0- 0.0-63.0	0.0	0.0	62.1	98.57
0373	0.0- 0.0-63.0	0.0	0.0	62.2	98.73
0007	11.0-52.0- 0.0	11.2	52.0	0.0	100.32
0062	11.0-52.0- 0.0	11.9	52.7	0.0	102.54
0210	11.0-52.0- 0.0	11.2	53.4	0.0	102.54
0211	11.0-52.0- 0.0	11.1	53.4	0.0	102.38
0299	11.0-52.0- 0.0	11.4	52.7	0.0	101.75
0302	11.0-52.0- 0.0	11.0	53.3	0.0	102.06
0303	11.0-52.0- 0.0	11.1	53.1	0.0	101.90
0305	11.0-52.0- 0.0	11.6	52.7	0.0	102.06
0742	11.0-52.0- 0.0	11.4	52.6	0.0	101.59

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA PLANT FOODS PALMYRA, MO					
0746	11.0-52.0- 0.0	11.9	52.9	0.0	102.86
1018	11.0-52.0- 0.0	11.9	52.5	0.0	102.22
1023	11.0-52.0- 0.0	11.2	52.9	0.0	101.75
1112	11.0-52.0- 0.0	11.3	52.8	0.0	101.75
1114	11.0-52.0- 0.0	11.4	52.7	0.0	101.75
1236	11.0-52.0- 0.0	11.9	52.4	0.0	102.06
1239	11.0-52.0- 0.0	11.1	52.9	0.0	101.59
1538	11.0-52.0- 0.0	11.5	52.6	0.0	101.75
1647	11.0-52.0- 0.0	12.0	52.3	0.0	102.06
1653	11.0-52.0- 0.0	11.3	51.1	0.0	99.05
1762	11.0-52.0- 0.0	11.5	52.0	0.0	100.79
1902	11.0-52.0- 0.0	12.0	52.7	0.0	102.70
1905	11.0-52.0- 0.0	11.4	52.1	0.0	100.79
1906	11.0-52.0- 0.0	11.4	52.4	0.0	101.27
1907	11.0-52.0- 0.0	12.0	52.7	0.0	102.70
0234**	12.0-40.0- 0.0	12.1	42.8	0.0	105.58
0329**	12.0-40.0- 0.0	12.3	40.4	0.0	101.35
0330**	12.0-40.0- 0.0	12.2	40.8	0.0	101.92
0648**	12.0-40.0- 0.0	12.1	39.7	0.0	99.62
0769**	12.0-40.0- 0.0	12.1	39.5	0.0	99.23
1044**	12.0-40.0- 0.0	12.1	40.9	0.0	101.92
1134**	12.0-40.0- 0.0	12.0	43.0	0.0	105.77
1136**	12.0-40.0- 0.0	12.0	41.7	0.0	103.27
1267**	12.0-40.0- 0.0	12.0	42.2	0.0	104.23
1389**	12.0-40.0- 0.0	12.1	42.0	0.0	104.04
1559**	12.0-40.0- 0.0	12.1	42.3	0.0	104.62
1785**	12.0-40.0- 0.0	12.0	42.2	0.0	104.23
1928**	12.0-40.0- 0.0	12.0	42.2	0.0	104.23
1930**	12.0-40.0- 0.0	12.0	42.0	0.0	103.85
1931**	12.0-40.0- 0.0	11.8	42.7	0.0	104.81
0074	18.0-46.0- 0.0	17.6	45.5	0.0	98.59
0075	18.0-46.0- 0.0	18.0	47.1	0.0	101.72
0227	18.0-46.0- 0.0	18.4	47.9	0.0	103.59
0228	18.0-46.0- 0.0	18.2	47.3	0.0	102.34
0314	18.0-46.0- 0.0	17.9	45.6	0.0	99.22
0315	18.0-46.0- 0.0	18.3	47.5	0.0	102.81
0316	18.0-46.0- 0.0	17.9	46.0	0.0	99.84
0613	18.0-46.0- 0.0	17.8	46.1	0.0	99.84
0614	18.0-46.0- 0.0	17.8	46.0	0.0	99.69
0760	18.0-46.0- 0.0	18.2	46.7	0.0	101.41
1032	18.0-46.0- 0.0	17.6	46.3	0.0	99.84
1040	18.0-46.0- 0.0	17.4	45.7	0.0	98.59
1248	18.0-46.0- 0.0	17.8	46.2	0.0	100.00
1250	18.0-46.0- 0.0	17.7	46.1	0.0	99.69
1252	18.0-46.0- 0.0	12.8*	51.1	0.0	99.84
1663	18.0-46.0- 0.0	18.5	46.7	0.0	101.88
1776	18.0-46.0- 0.0	18.1	46.2	0.0	100.47
1919	18.0-46.0- 0.0	17.8	46.8	0.0	100.94
1920	18.0-46.0- 0.0	17.8	46.8	0.0	100.94
1730	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
#TOTALS - NO. SAMPLES 88 - SMPLS MISBRANDED 1 - 101.46					
MFA PLANT FOODS COLUMBIA, MO					
0177**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
0481**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
0564**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
1172**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
1335**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
1441**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
1991**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
1992**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
0659**	0.0- 0.0-22.0	0.0	0.0	22.6	102.73
0660**	0.0- 0.0-22.0	0.0	0.0	22.4	101.82
1286**	0.0- 0.0-22.0	0.0	0.0	21.9	99.55
0080	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0081	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0082	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
0147	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
0148	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
0154	0.0- 0.0-60.0	0.0	0.0	60.3	100.50









## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MIDWEST AGRI-CHEMICO, INC		CAPE GIRARDEAU, MO			
1717	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
1864	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES 111 - SMPLS MISBRANDED 1 -					99.76
MIDWEST AGRI-CHEMICO - LOUISIANA		CAPE GIRARDEAU, MO			
1957	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1960	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 -					101.41
MIDWEST FERTILIZER INC		PAOLA, KS			
0459	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0794	0.0- 0.0-60.0	0.0	0.0	59.6	99.33
0927	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
1938	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1948	0.0- 0.0-60.0	0.0	0.0	62.0	103.33
0421	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
0754	18.0-46.0- 0.0	17.8	45.4	0.0	98.75
0755	18.0-46.0- 0.0	17.7	45.8	0.0	99.22
0877	18.0-46.0- 0.0	18.0	46.2	0.0	100.31
0880	18.0-46.0- 0.0	18.1	46.0	0.0	100.16
1908	18.0-46.0- 0.0	18.1	46.2	0.0	100.47
1914	18.0-46.0- 0.0	17.7	46.7	0.0	100.63
0824	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
0967	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
0968	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
1591	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1829	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
0384	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1342	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
1724	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
1853	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES 21 - SMPLS MISBRANDED 0 -					100.60
MOSAIC CROP NUTRITION, LLC		LITHIA, FL			
1505	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0812	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
1973	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
0331**	12.0-40.0- 0.0	12.0	39.8	0.0	99.62
0910**	12.0-40.0- 0.0	12.3	42.0	0.0	104.42
1271**	12.0-40.0- 0.0	12.1	42.2	0.0	104.42
1272**	12.0-40.0- 0.0	12.1	42.2	0.0	104.42
1672**	12.0-40.0- 0.0	11.9	43.0	0.0	105.58
1926**	12.0-40.0- 0.0	12.0	42.5	0.0	104.81
1131	18.0-46.0- 0.0	17.7	46.1	0.0	99.69
1486	18.0-46.0- 0.0	18.2	46.5	0.0	101.09
#TOTALS - NO. SAMPLES 11 - SMPLS MISBRANDED 0 -					102.53
OAKLEY FERTILIZER, INC		NORTH LITTLE ROCK, AR			
0089	0.0- 0.0-60.0	0.0	0.0	62.1	103.50
1154	0.0- 0.0-60.0	0.0	0.0	62.2	103.67
1155	0.0- 0.0-60.0	0.0	0.0	62.1	103.50
0079	0.0-46.0- 0.0	0.0	46.6	0.0	101.30
1139	0.0-46.0- 0.0	0.0	46.6	0.0	101.30
1171**	20.0- 0.0- 0.0	21.1	0.0	0.0	105.50
0828**	21.0- 0.0- 0.0	20.3	0.0	0.0	96.67*
0830**	21.0- 0.0- 0.0	20.3	0.0	0.0	96.67*
0101	33.5- 0.0- 0.0	34.2	0.0	0.0	102.09
#TOTALS - NO. SAMPLES 9 - SMPLS MISBRANDED 2 -					101.72
OAKLEY MISSOURI, INC		CARUTHERSVILLE, MO			
0162	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
0163	0.0- 0.0-60.0	0.0	0.0	61.9	103.17
0546	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
0684	0.0- 0.0-60.0	0.0	0.0	62.3	103.83
0685	0.0- 0.0-60.0	0.0	0.0	62.2	103.67
0686	0.0- 0.0-60.0	0.0	0.0	61.6	102.67
0938	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0940	0.0- 0.0-60.0	0.0	0.0	61.6	102.67
1562	0.0-45.0- 0.0	0.0	46.4	0.0	103.11
0525	0.0-46.0- 0.0	0.0	46.3	0.0	100.65

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
OAKLEY MISSOURI, INC		CARUTHERSVILLE, MO			
0653	0.0-46.0- 0.0	0.0	46.6	0.0	101.30
0775	0.0-46.0- 0.0	0.0	45.8	0.0	99.57
0912	0.0-46.0- 0.0	0.0	46.9	0.0	101.96
0915	0.0-46.0- 0.0	0.0	46.7	0.0	101.52
1786	0.0-46.0- 0.0	0.0	46.5	0.0	101.09
0632	18.0-46.0- 0.0	17.8	46.0	0.0	99.69
0633	18.0-46.0- 0.0	18.0	46.0	0.0	100.00
0642	18.0-46.0- 0.0	18.0	46.2	0.0	100.31
0897	18.0-46.0- 0.0	18.3	46.0	0.0	100.47
0279**	21.0- 0.0- 0.0	21.4	0.0	0.0	101.90
0722**	21.0- 0.0- 0.0	20.2	0.0	0.0	96.19*
0723**	21.0- 0.0- 0.0	20.3	0.0	0.0	96.67*
0829**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
0167	33.5- 0.0- 0.0	34.5	0.0	0.0	102.99
0820	33.5- 0.0- 0.0	34.3	0.0	0.0	102.39
0821	33.5- 0.0- 0.0	34.2	0.0	0.0	102.09
0846	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES 27 - SMPLS MISBRANDED 2 -					101.26
PCS SALES USA INC		NORTHBROOK, IL			
0258	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0941	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
0702	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
0703	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
0817	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
1157	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
0200	11.0-52.0- 0.0	11.0	53.0	0.0	101.59
1010	11.0-52.0- 0.0	11.1	52.3	0.0	100.63
1110	11.0-52.0- 0.0	10.9	52.2	0.0	100.16
1111	11.0-52.0- 0.0	11.4	53.1	0.0	102.38
1548	11.0-52.0- 0.0	11.4	52.4	0.0	101.27
#TOTALS - NO. SAMPLES 11 - SMPLS MISBRANDED 0 -					100.95
RAY-CARROLL COUNTY GRAIN GROWERS, INC		CARROLLTON, MO			
1388**	12.0-40.0- 0.0	12.0	41.9	0.0	103.65
1343	46.0- 0.0- 0.0	46.1	0.0	0.0	100.22
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 -					102.04
RAY-CARROLL COUNTY GRAIN GROWERS		HARDIN, MO			
0159	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 -					100.67
RIVER BEND AG LLC		NEW MADRID, MO			
0088	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
0253	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
0254	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0351	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
0354	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
0355	0.0- 0.0-60.0	0.0	0.0	61.6	102.67
0357	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
0358	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
0448	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0449	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
0450	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
0451	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0452	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
0532	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
0534	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
0536	0.0- 0.0-60.0	0.0	0.0	62.2	103.67
0691	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
0795	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
0799	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
1055	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1056	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1057	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1058	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
1059	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
1289	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
1290	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
1408	0.0- 0.0-60.0	0.0	0.0	60.8	101.33

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
RIVER BEND AG LLC		NEW MADRID, MO			
1796	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
1798	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1965	0.0- 0.0-60.0	0.0	0.0	61.6	102.67
0235	0.0-45.0- 0.0	0.0	46.7	0.0	103.78
0914	0.0-46.0- 0.0	0.0	46.3	0.0	100.65
1273	0.0-46.0- 0.0	0.0	46.0	0.0	100.00
0078**	12.0-40.0- 0.0	12.2	40.2	0.0	100.77
0231**	12.0-40.0- 0.0	11.9	39.9	0.0	99.62
0232**	12.0-40.0- 0.0	12.2	39.9	0.0	100.19
0332**	12.0-40.0- 0.0	11.8	39.6	0.0	98.85
0651**	12.0-40.0- 0.0	11.8	39.9	0.0	99.42
0768**	12.0-40.0- 0.0	11.9	39.6	0.0	99.04
1268**	12.0-40.0- 0.0	11.9	39.5	0.0	98.85
1779**	12.0-40.0- 0.0	11.9	40.3	0.0	100.38
1780**	12.0-40.0- 0.0	11.9	40.3	0.0	100.38
0069	18.0-46.0- 0.0	17.9	45.4	0.0	98.91
0216	18.0-46.0- 0.0	17.8	46.3	0.0	100.16
0220	18.0-46.0- 0.0	18.0	46.4	0.0	100.63
0320	18.0-46.0- 0.0	17.8	45.8	0.0	99.38
0321	18.0-46.0- 0.0	17.8	45.7	0.0	99.22
0322	18.0-46.0- 0.0	17.8	45.7	0.0	99.22
0323	18.0-46.0- 0.0	17.8	45.6	0.0	99.06
0410	18.0-46.0- 0.0	17.6	46.0	0.0	99.38
0411	18.0-46.0- 0.0	17.7	46.1	0.0	99.69
0412	18.0-46.0- 0.0	17.6	45.8	0.0	99.06
0413	18.0-46.0- 0.0	17.6	45.8	0.0	99.06
0415	18.0-46.0- 0.0	17.7	46.2	0.0	99.84
0416	18.0-46.0- 0.0	17.7	46.2	0.0	99.84
0516	18.0-46.0- 0.0	17.8	46.0	0.0	99.69
0517	18.0-46.0- 0.0	17.8	46.0	0.0	99.69
0758	18.0-46.0- 0.0	17.7	45.2	0.0	98.28
0893	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
1028	18.0-46.0- 0.0	17.6	46.0	0.0	99.38
1029	18.0-46.0- 0.0	17.6	46.2	0.0	99.69
1030	18.0-46.0- 0.0	17.4	46.1	0.0	99.22
1253	18.0-46.0- 0.0	17.9	46.1	0.0	100.00
1255	18.0-46.0- 0.0	18.0	46.2	0.0	100.31
1374	18.0-46.0- 0.0	17.4	45.4	0.0	98.13
1763	18.0-46.0- 0.0	17.6	46.0	0.0	99.38
1764	18.0-46.0- 0.0	17.9	45.9	0.0	99.69
1766	18.0-46.0- 0.0	17.9	45.8	0.0	99.53
0102**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
0278**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43
0561**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43
1088**	21.0- 0.0- 0.0	21.5	0.0	0.0	102.38
1089**	21.0- 0.0- 0.0	21.5	0.0	0.0	102.38
1331**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
1333**	21.0- 0.0- 0.0	21.4	0.0	0.0	101.90
1844**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43
0047	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
0487	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0488	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
0574	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
0842	46.0- 0.0- 0.0	46.9	0.0	0.0	101.96
0844	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0981	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
0982	46.0- 0.0- 0.0	46.9	0.0	0.0	101.96
0983	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1197	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1338	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
1340	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
1712	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
1715	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
1716	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
#TOTALS - NO. SAMPLES		91	- SMPLS MISBRANDED	0	- 100.49
SODA SPRINGS PHOSPHATE II		SODA SPRINGS, ID			
0333	0.0- 3.0- 0.0	0.0	8.6	0.0	286.67
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 286.67

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
SOUTH CENTRAL COOP		CAINSEVILLE, MO			
0936	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 100.67
SOUTH CENTRAL COOP		LAMONI, IA			
0026	11.0-52.0- 0.0	11.5	52.1	0.0	100.95
0595	11.0-52.0- 0.0	11.3	52.8	0.0	101.75
0023**	12.0-40.0- 0.0	12.9	39.3	0.0	100.38
#TOTALS - NO. SAMPLES		3	- SMPLS MISBRANDED	0	- 101.06
SOUTHEAST COOPERATIVE SERVICE CO		ADVANCE, MO			
0479**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 100.95
SUR-GRO PLANT FOOD		PLATTSBURG, MO			
0708	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
0598	11.0-52.0- 0.0	12.8	52.1	0.0	103.02
0883	18.0-46.0- 0.0	18.0	46.0	0.0	100.00
0174**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
0175**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
1208	44.0- 0.0- 0.0	45.2	0.0	0.0	102.73
1622	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1623	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES		8	- SMPLS MISBRANDED	0	- 101.32
TERRA NITROGEN CORP. - YAZOO CITY		SIOUX CITY, IA			
0173	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1702	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
#TOTALS - NO. SAMPLES		2	- SMPLS MISBRANDED	0	- 102.05
TRANSAMMONIA, INC		TAMPA, FL			
1203	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 101.74
UNITED SUPPLIERS, INC		ELDORA, IA			
0083	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0084	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
0085	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
0262	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
0359	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
0453	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1143	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1146	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1298	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1410	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
1411	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1694	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1940	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
1946	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
1954	0.0- 0.0-60.0	0.0	0.0	61.5	102.50
1673**	11.0-40.0- 0.0	11.2	40.5	0.0	101.37
0053	11.0-52.0- 0.0	11.1	51.9	0.0	100.00
0205	11.0-52.0- 0.0	11.2	52.7	0.0	101.43
0874	11.0-52.0- 0.0	12.0	52.7	0.0	102.70
1117	11.0-52.0- 0.0	10.9	52.0	0.0	99.84
1363	11.0-52.0- 0.0	10.9	52.0	0.0	99.84
1365	11.0-52.0- 0.0	11.0	53.8	0.0	102.86
1540	11.0-52.0- 0.0	11.0	52.7	0.0	101.11
1541	11.0-52.0- 0.0	11.0	53.7	0.0	102.70
1654	11.0-52.0- 0.0	11.2	49.6*	0.0	96.51*
1655	11.0-52.0- 0.0	11.1	52.5	0.0	100.95
1749	11.0-52.0- 0.0	11.7	52.9	0.0	102.54
1890	11.0-52.0- 0.0	11.8	52.7	0.0	102.38
1896	11.0-52.0- 0.0	11.2	52.5	0.0	101.11
1898	11.0-52.0- 0.0	10.9	52.7	0.0	100.95
1899	11.0-52.0- 0.0	11.9	52.6	0.0	102.38
1560**	12.0-40.0- 0.0	12.1	42.4	0.0	104.81
1561**	12.0-40.0- 0.0	12.2	42.2	0.0	104.62
1671**	12.0-40.0- 0.0	12.1	42.8	0.0	105.58
0325	18.0-46.0- 0.0	17.8	45.9	0.0	99.53
0418	18.0-46.0- 0.0	17.5	46.2	0.0	99.53



## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
UNITED SUPPLIERS, INC		ELDORA, IA			
0520	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
1037	18.0-46.0- 0.0	17.8	46.6	0.0	100.63
1125	18.0-46.0- 0.0	18.0	46.4	0.0	100.63
1842**	21.0- 0.0- 0.0	20.2	0.0	0.0	96.19*
0107	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
0185	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
0380	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
0490	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
0570	46.0- 0.0- 0.0	46.9	0.0	0.0	101.96
1099	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
1718	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
1719	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
1859	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1861	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
#TOTALS - NO. SAMPLES	50 - SMPLS MISBRANDED	2	-	101.27	

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
UNITED SUPPLIERS, INC		ST JOSEPH, MO			
0944	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
1062	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1142	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1421	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
1570	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
1571	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
1576	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1578	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1682	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1690	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1691	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1952	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1953	0.0- 0.0-60.0	0.0	0.0	61.6	102.67
0124	11.0-52.0- 0.0	11.3	52.4	0.0	101.11
0125	11.0-52.0- 0.0	11.3	52.2	0.0	100.79
0206	11.0-52.0- 0.0	11.0	52.1	0.0	100.16
0209	11.0-52.0- 0.0	11.3	52.5	0.0	101.27
0307	11.0-52.0- 0.0	11.2	52.0	0.0	100.32
0309	11.0-52.0- 0.0	11.2	52.0	0.0	100.32
0310	11.0-52.0- 0.0	11.1	52.3	0.0	100.63
0498	11.0-52.0- 0.0	11.3	52.2	0.0	100.79
0500	11.0-52.0- 0.0	11.1	51.8	0.0	99.84
1014	11.0-52.0- 0.0	10.9	52.7	0.0	100.95
1116	11.0-52.0- 0.0	10.9	52.2	0.0	100.16
1245	11.0-52.0- 0.0	11.0	52.6	0.0	100.95
1246	11.0-52.0- 0.0	11.0	52.5	0.0	100.79
1368	11.0-52.0- 0.0	10.9	52.6	0.0	100.79
1542	11.0-52.0- 0.0	10.9	52.6	0.0	100.79
1549	11.0-52.0- 0.0	11.1	52.4	0.0	100.79
1644	11.0-52.0- 0.0	11.8	52.4	0.0	101.90
1649	11.0-52.0- 0.0	11.5	52.4	0.0	101.43
1135**	12.0-40.0- 0.0	12.1	41.9	0.0	103.85
1207	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1611	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES	34 - SMPLS MISBRANDED	0	-	101.09	

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
UNITED SUPPLIERS, INC		ST LOUIS, MO			
1260	18.0-46.0- 0.0	18.3	46.7	0.0	101.56
1665	18.0-46.0- 0.0	18.1	45.9	0.0	100.00
1097	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES	3 - SMPLS MISBRANDED	0	-	100.91	

\* 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 23.

# Totals from July 1, 2012

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
A & L AG CENTER		SEDALIA, MO			
1428**	11.0-16.5-25.0	11.6	17.3	27.2	106.25
1429	15.0-18.5-18.5	15.0	20.3	19.4	105.26
0474	17.0-17.0-17.0	17.4	18.5	18.5	106.24
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	105.91
AG COOP SERVICES INC		LA MONTE, MO			
1735**	10.0-25.6-25.6	9.8	25.7	25.8	100.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.00
AG COOP SERVICES INC		SEDALIA, MO			
2008**	5.4-25.7-30.0	5.8	25.9	29.4	100.65
2009**	5.4-25.7-30.0	5.7	25.4	29.7	99.67
0818	17.5-17.5-17.5	18.2	16.9	17.9	100.69
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	100.33
AG SERVICE OF LOCKWOOD INC.		LOCKWOOD, MO			
0475	24.8- 6.3-12.6	24.8	6.5	13.4	101.60
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.60
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
1640**	5.0-23.9-29.8	5.1	24.5	29.7	101.48
1641**	5.0-23.9-29.8	5.3	25.1	29.7	103.31
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	102.39
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
1845	2.8- 8.5-12.7	3.1	9.0	12.5	103.97
1846	2.8- 8.5-12.7	2.8	8.7	12.8	101.42
1881**	4.5-21.3-31.9	4.5	21.5	31.7	100.24
1882**	4.5-21.3-31.9	4.2	20.2	33.2	98.20
1872	5.8-27.8-27.8	5.8	27.0	28.9	99.47
1873	5.8-27.6-27.6	5.8	27.5	28.5	100.74
1451	10.1-25.1-25.1	10.3	26.8	24.6	103.46
#TOTALS - NO. SAMPLES		7 - SMPLS	MISBRANDED	0 -	100.78
BARTLETT & COMPANY, L.P.		HIGGINSVILLE, MO			
1884**	4.1-19.7-34.2	4.4	20.0	34.7	102.08
0584**	4.5-21.3-31.9	4.7	21.4	32.4	101.32
0585**	4.5-21.3-31.9	4.8	21.6	32.8	102.51
1008**	4.4-21.0-31.5	4.6	22.0	31.1	102.43
1742**	5.5-26.6-26.6	5.9	26.4	27.5	101.43
1874**	5.6-26.7-26.7	5.8	26.2	27.9	100.66
1740**	6.7-31.9-19.9	7.2	32.2	20.6	102.37
1211	17.6-22.0-17.6	17.7	25.7	14.9*	105.06
1212	17.6-22.0-17.6	17.9	22.7	17.0	101.45
#TOTALS - NO. SAMPLES		9 - SMPLS	MISBRANDED	1 -	102.16
BICHEL SPREADING SERVICE		LEONARD, MO			
2006	8.2-21.3-32.0	8.8	22.4	30.8	102.42
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	102.42
CAMERON COOP ELEVATOR ASSN		CAMERON, MO			
1885	3.7-17.7-35.4	3.8	17.2	36.8	100.77
0385	29.1-11.6-11.6	13.9*	11.9	14.1	70.65*
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	1 -	84.40
CENTRAL MISSOURI AGRISERVICE LLC		BLACKBURN, MO			
1227**	5.6-26.5-26.5	5.9	26.6	27.0	101.43
1226**	5.7-27.0-27.0	6.1	26.8	27.4	100.87
1732**	13.4-13.3-26.7	12.3	13.7	27.5	99.25
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	100.56
CENTRAL MISSOURI AGRISERVICE LLC		MALTA BEND, MO			
1230**	4.0-19.1-38.2	4.5	18.8	39.0	101.42
1231**	4.0-19.1-38.2	4.6	19.1	38.4	101.66
1467**	5.8-27.2-27.2	6.2	29.3	25.8	103.86
1468**	5.8-27.2-27.2	5.9	28.4	26.6	102.15
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	102.30
CENTRAL MISSOURI AGRISERVICE LLC		MARSHALL, MO			
1359**	4.7-22.4-33.5	5.1	23.4	33.1	102.74

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
CENTRAL MISSOURI AGRISERVICE LLC		MARSHALL, MO			
1360**	4.7-22.4-33.5	5.0	23.0	33.9	102.51
1465**	6.0-28.3-24.8	5.9	28.7	25.4	101.28
1466**	6.0-28.4-24.9	6.3	30.4	23.5	103.42
2007**	6.0-28.3-24.8	6.6	29.8	23.2	102.78
1638**	6.1-28.9-25.3	6.3	29.1	25.0	100.52
1639**	6.1-28.9-25.3	6.3	29.5	24.9	101.26
1464**	6.6-31.2-20.2	6.7	32.4	20.3	102.82
#TOTALS - NO. SAMPLES		8 - SMPLS	MISBRANDED	0 -	102.15
CENTRAL MISSOURI AGRISERVICE LLC		SLATER, MO			
1746**	4.9-23.0-28.8	5.0	23.9	27.8	101.18
1357**	5.0-23.8-28.6	5.7	26.0	27.0	104.87
1358**	5.0-23.8-28.6	5.6	26.0	27.0	104.64
1744**	5.1-24.0-26.7	5.1	24.2	27.0	100.82
1469**	5.6-26.4-26.4	5.6	27.3	25.9	101.44
1470**	5.6-26.4-26.4	6.0	29.0	24.0*	103.98
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED	1 -	102.83
CONSUMERS OIL COMPANY, INC		MARYVILLE, MO			
1527	5.0-27.0-27.0	5.9	28.3	28.0	105.93
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	105.93
COOPERATIVE ASSN NO. 2-BULK PLANT		WASHINGTON, MO			
1361	3.0-15.5-43.0	3.5	16.3	42.7	102.88
0863**	4.5-22.0-30.5	4.7	21.3	32.0	100.60
1350**	10.0-25.5-25.5	9.7	25.3	26.2	99.69
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	100.96
CROP PRODUCTION SERVICES-3504		BOWLING GREEN, MO			
1934	6.3-26.9-26.9	7.0	29.3	25.2	104.82
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	104.82
CROP PRODUCTION SERVICES-712		CLARENCE, MO			
1047**	3.4-11.2-44.7	3.4	11.4	44.9	100.81
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.81
CROP PRODUCTION SERVICES-3512		PALMYRA, MO			
1936**	4.8-16.0-37.2	4.2*	15.1	40.7	100.63
0578	22.8-17.1-17.1	21.3	18.3	18.6	100.93
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	1 -	100.79
CROP PRODUCTION SERVICES-448		WESTBORO, MO			
1225	6.5-30.7-24.6	7.4	33.9	22.2*	105.86
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	105.86
D&S FERTILIZER INC.		CLINTON, MO			
1738	8.9-22.8-30.5	9.0	23.3	29.8	100.53
1739	8.9-22.8-30.5	8.9	23.0	29.8	99.68
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.10
DAVIS FERTILIZER CO		GRAHAM, MO			
1497	10.9-28.0-23.3	9.4*	24.6*	26.8	93.77*
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	93.77
G.C. DUNN & SONS, INC		MIDDLETOWN, MO			
0995	16.4-16.4-16.4	14.4*	16.2	17.1	95.49*
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	95.49
FARMER'S AG & GRAIN SUPPLY, INC.		DEERFIELD, MO			
1868	9.0-23.0-30.0	8.0*	22.2	31.6	97.87
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	97.87
FARMERS ELEVATOR & EXCHANGE CO		MONROE CITY, MO			
1531**	8.0-24.2-24.2	7.7	23.6	26.0	100.00
1586	11.1-28.5-18.6	11.2	28.7	19.4	101.43
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.75
FERTILIZER SERVICE CO		FAIRFAX, MO			
1535**	5.0-26.0-26.0	6.4	26.1	26.1	103.52
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	103.52

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
GAGE'S FERTILIZER & GRAIN, INC. MAITLAND, MO					
1460	10.1-26.0-26.0	9.6	24.4	28.6	98.37
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.37					

GAGE'S FERTILIZER & GRAIN, INC SKIDMORE, MO					
1629**	11.9-17.4-19.3	11.6	16.0	21.2	98.07
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.07					

GAGE'S FERTILIZER & GRAIN INC STANBERRY, MO					
1823**	3.8- 0.0-41.8	4.2	0.0	41.0	100.00
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.00					

GUIER CHEMICAL & FERTILIZER HOUSTONIA, MO					
1533**	5.5-27.5-27.5	5.8	28.6	27.4	102.89
1534**	5.5-27.5-27.5	5.8	28.3	27.6	102.46
1733**	11.0-29.0-19.5	11.0	28.9	21.0	101.31
1734**	11.0-29.0-19.5	11.1	29.0	20.4	101.11
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 101.91					

HEIMAN AGRI-SERVICES, INC BUTLER, MO					
0557	17.0-17.0-17.0	17.8	16.6	18.9	103.18
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 103.18					

HEIMSOOTH AGRI SERVICE INC CORDER, MO					
1869**	7.0-18.5-32.5	7.1	18.3	33.7	101.20
1870**	7.0-18.5-32.5	7.3	18.3	33.6	101.56
0111	10.5-15.0-19.5	12.8	16.6	20.1	111.91
0110	15.0-21.0-21.0	14.7	20.8	23.3	101.40
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 103.63					

HODGES FERTILIZER PERRY, MO					
1528**	4.5-21.7-32.6	5.2	23.9	30.5*	104.35
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 104.35					

JEFFCO FEED & FERTILIZER DESOTO, MO					
0386	20.0-10.0-10.0	21.4	11.0	8.4*	104.57
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 104.57					

KEENEY FERTILIZER SERVICE, INC OWENSVILLE, MO					
0288	19.0- 9.0-27.0	18.1	9.3	29.4	101.45
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.45					

KREISEL CO. APPLICATION HOUSTONIA, MO					
1351	9.5-24.0-29.0	9.4	24.3	29.8	101.25
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.25					

MFA AGRI SERVICES BOONVILLE, MO					
1471	5.5-26.0-31.0	6.0	27.3	30.5	103.30
1472	5.5-26.0-31.0	5.8	27.2	30.6	102.77
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 103.03					

MFA AGRI SERVICES BROOKFIELD, MO					
0494	15.0-22.5-22.5	14.7	23.7	22.5	101.85
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.85					

MFA AGRI SERVICES BROWNING, MO					
1402	5.2-17.5-35.0	5.0	17.0	35.4	98.61
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.61					

MFA AGRI SERVICES BURLINGTON JCT, MO					
1396**	7.2-23.9-24.0	7.1	25.7	24.2	104.18
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 104.18					

MFA AGRI SERVICES CENTRALIA, MO					
1275**	7.7-22.7-29.2	8.0	24.8	27.2	103.11
1276**	7.1-23.8-23.8	7.3	25.5	23.2	103.74
1933**	16.1-16.1-16.1	16.5	17.4	15.8	103.85
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 103.55					

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA AGRI SERVICES CONCEPTION JCT, MO					
1937**	4.8-17.8-17.8	5.0	19.3	17.5	104.92
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 104.92					

MFA AGRI SERVICES GALLATIN, MO					
1632**	7.2-21.8-29.1	7.2	22.7	28.4	101.26
1633**	7.2-21.8-29.1	7.0	22.5	28.3	100.23
1634**	7.2-21.8-29.1	7.3	22.9	28.3	101.84
1635**	7.2-21.8-29.1	7.2	22.5	28.8	101.26
1352	8.4-21.5-32.3	8.5	21.8	32.3	100.87
1353	8.4-21.5-32.3	8.7	22.7	31.5	102.39
#TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 0 - 101.31					

MFA AGRI SERVICES HAMILTON, MO					
1867	10.2-26.2-26.2	10.0	26.4	25.3	99.09
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.09					

MFA AGRI SERVICES HANNIBAL, MO					
1871	6.6-31.5-23.6	6.5	31.1	24.9	100.30
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.30					

MFA AGRI SERVICES HIGGINSVILLE, MO					
1674**	6.2-25.9-25.9	6.2	25.9	26.9	101.11
1675**	6.2-25.9-25.9	6.5	27.1	25.7	103.11
1395**	7.2-24.1-24.1	7.0	24.4	24.9	101.15
1397**	7.1-24.1-24.1	7.1	24.9	23.8	101.50
1345**	12.0- 6.0-18.0	12.5	7.2	19.4	108.89
0996**	15.8-15.8-15.8	15.9	16.4	15.3	101.14
#TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 0 - 102.42					

MFA AGRI SERVICES JEFFERSON CITY, MO					
1354**	7.0-20.5-31.0	7.6	20.1	31.7	101.28
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.28					

MFA AGRI SERVICES KIRKSVILLE, MO					
1741	5.5-26.3-29.6	5.3	24.6	32.0	98.50
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.50					

MFA AGRI SERVICES LABELLE, MO					
1935**	6.2-20.6-28.9	6.1	22.4	29.1	104.36
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 104.36					

MFA AGRI SERVICES LADDONIA, MO					
1532	5.8-27.8-27.8	6.0	28.6	27.9	102.21
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.21					

MFA AGRI SERVICES LEXINGTON, MO					
1007**	5.5-26.4-26.4	6.1	27.8	25.8	103.77
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 103.77					

MFA AGRI SERVICES LOCKWOOD, MO					
1223	9.0-23.0-30.0	8.4	22.1	31.8	98.72
1224	9.0-23.0-30.0	8.4	22.0	32.1	98.83
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 98.77					

MFA AGRI SERVICES LOUISIANA, MO					
0735	18.4-22.1-18.4	16.9	22.3	20.2	99.20
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.20					

MFA AGRI SERVICES MARTINSBURG, MO					
1529	9.9-25.5-28.0	9.8	25.3	28.7	100.10
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.10					

MFA AGRI SERVICES MARYVILLE, MO					
1563**	7.2-24.0-23.9	6.3*	20.6*	29.0	95.94*
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 95.94					

MFA AGRI SERVICES MAYSVILLE, MO					
1875	5.5-26.0-30.0	5.6	25.4	31.2	100.22
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.22					

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA AGRI SERVICES		MEXICO, MO			
1745	5.1-24.1-32.1	4.8	21.7*	35.0	97.24
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	97.24
MFA AGRI SERVICES		MOBERLY, MO			
1631	7.3-18.7-37.3	7.3	18.5	37.4	99.66
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.66
MFA AGRI SERVICES		MONTGOMERY CITY, MO			
1009	4.4-20.8-39.4	4.2	19.2	39.4	95.99*
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	95.99
MFA AGRI SERVICES		NORBORNE, MO			
0495**	5.0-25.8-25.8	6.1	26.8	26.5	105.61
1876	5.4-25.7-30.8	5.6	25.0	31.6	99.78
0861	5.9-28.0-28.0	6.1	27.4	29.0	100.21
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	101.77
MFA AGRI SERVICES		ODESSA, MO			
1393**	7.8-22.8-28.4	8.4	24.8	27.1	104.35
1394**	7.8-22.8-28.4	8.5	25.7	25.6*	104.91
1788**	7.8-22.8-28.5	7.1	21.7	30.6	98.33
1789**	7.8-22.8-28.5	7.7	23.6	28.1	101.11
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	1 -	102.17
MFA AGRI SERVICES		SALISBURY, MO			
1791**	4.9-16.4-36.5	5.1	17.5	36.7	103.54
1457**	6.0-21.5-30.2	6.0	22.5	30.4	102.58
1495**	6.0-21.5-30.2	6.1	22.4	30.7	102.93
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	103.00
MFA AGRI SERVICES		SEDALIA, MO			
1748**	2.2-10.2-43.3	3.0	13.5	40.6*	108.08
1347	8.5-21.4-29.9	8.4	21.7	31.2	101.90
1348	8.5-21.4-29.9	8.1	21.5	31.6	101.23
1344**	12.8-25.5-16.5	12.6	25.6	17.8	101.18
0734	19.7-14.7-14.7	19.8	16.2	16.0	105.39
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	1 -	103.27
MFA AGRI SERVICES		SHELBY, MO			
1530	9.2-23.5-29.2	8.5	22.4	32.4	99.58
1736	9.1-23.2-29.6	8.6	22.2	31.4	98.73
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	99.15
MFA AGRI SERVICES		SHERIDAN, MO			
2029**	6.4-23.7-27.6	6.6	24.3	27.3	101.48
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.48
MFA INC - STEELVILLE		STEELVILLE, MO			
0186	27.0-13.5-13.5	26.9	14.6	13.9	102.54
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	102.54
MFA AGRI SERVICES		VANDALIA, MO			
1536	4.7-22.6-33.9	5.0	22.8	34.4	101.69
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.69
MFA AGRI SERVICES		WINDSOR, MO			
1006	9.0-23.0-30.0	8.6	22.4	31.1	99.04
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.04
MID MISSOURI ENVIRO AGRI SERVICES		EMMA, MO			
1355	6.3-30.1-25.1	6.8	31.7	24.3	103.47
1346**	9.6-19.2-28.9	10.3	20.7	28.2	104.28
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	103.85
MIDWEST FERTILIZER		SHELDON, MO			
0859	9.0-23.0-30.0	9.0	23.1	30.1	100.32
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.32

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
ORRICK FARM SERVICE, INC		ORRICK, MO			
1880**	4.6-21.4-30.5	4.6	21.6	30.9	100.97
1228	4.6-21.3-35.5	4.4	20.8	36.7	99.77
1229	4.6-21.3-35.5	4.5	21.5	35.7	100.46
1636**	7.2-33.6-16.8	7.2	33.1	17.8	100.00
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	100.28
PILOT GROVE COOPERATIVE ELEVATOR		PILOT GROVE, MO			
1458	5.0-22.5-34.5	5.1	22.6	35.3	101.34
1473	5.0-22.5-34.5	5.2	23.4	34.4	102.35
1877	5.0-23.5-33.0	5.9	24.4	33.3	104.33
1878**	5.0-23.5-33.0	5.8	24.0	33.4	103.33
1879	5.0-23.0-34.5	5.5	22.8	35.2	101.44
1461	8.5-21.5-32.5	8.9	23.6	30.6	103.35
1462	8.5-21.5-32.5	8.8	22.7	31.6	102.27
#TOTALS - NO. SAMPLES		7 - SMPLS	MISBRANDED	0 -	102.63
PRAIRIE HOME COOP		PRAIRIE HOME, MO			
1209	17.6-21.1-21.1	17.4	21.4	21.1	100.20
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.20
QUINN FARM SUPPLY, INC		MONROE CITY, MO			
1737	9.0-23.0-31.0	8.7	22.4	32.8	100.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.00
RAY CARROLL COUNTY GRAIN GROWERS		BRUNSWICK, MO			
1105**	3.9-18.4-36.8	4.0	19.4	36.0	101.72
1109**	3.9-18.4-36.8	4.1	19.6	35.1	101.35
1400**	6.3-24.9-26.6	6.6	25.6	26.3	101.91
1401**	6.3-24.9-26.6	6.4	25.0	27.2	101.12
2030**	6.4-25.8-25.8	6.4	26.7	25.9	102.11
2031**	6.4-25.8-25.8	7.1	29.2	22.3*	105.21
1392**	11.8-19.7-23.6	12.2	19.9	23.5	101.27
#TOTALS - NO. SAMPLES		7 - SMPLS	MISBRANDED	1 -	102.12
RAY-CARROLL COUNTY GRAIN GROWERS, INC		CARROLLTON, MO			
1107**	5.4-25.7-25.7	5.5	26.3	26.0	101.93
1108**	5.4-25.7-25.7	5.4	26.3	26.0	101.71
1398**	6.4-25.8-25.8	6.2	25.7	27.8	101.55
1399	6.4-25.8-25.8	6.5	26.1	26.8	102.00
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	101.79
RAY-CARROLL COUNTY GRAIN GROWERS		HARDIN, MO			
1277**	5.5-18.4-32.3	5.9	21.1	30.7	105.74
0862	5.6-26.2-29.7	5.5	24.6	32.1	98.93
0860**	6.6-27.3-24.3	7.1	28.4	24.9	104.13
0916**	9.1-22.9-22.9	9.1	24.6	23.0	104.03
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	103.09
RAY-CARROLL COUNTY GRAIN GROWERS		MAYVIEW, MO			
1743	5.4-25.4-30.5	6.0	26.7	30.1	103.69
1790**	7.2-24.0-24.0	7.3	25.6	24.7	104.75
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	104.20
RAY-CARROLL COUNTY GRAIN GROWERS		NORBORNE, MO			
1221**	10.3-49.1- 0.0	10.5	49.1	0.0	100.34
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.34
RICKETTS FARM SERVICE INC		SALISBURY, MO			
1452	7.0-18.5-22.0	7.7	19.5	24.1	107.53
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	107.53
SALISBURY AG CENTER, INC		SALISBURY, MO			
1463**	8.0-20.5-31.0	8.2	21.6	30.3	102.16
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	102.16
SERVICE AND SUPPLY COOPERATIVE, INC		BOWLING GREEN, MO			
1866	13.4-34.4-15.5	13.3	34.4	15.5	99.82
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.82

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
JEFF SHRABLE LLC, SEYMOUR, MO					
0965	22.7- 7.5-15.0	24.3	6.0*	14.3	99.34
#TOTALS - NO. SAMPLES		1 -	SMPLS MISBRANDED	1 -	99.34
SUR-GRO PLANT FOOD, APPLETON CITY, MO					
0858	9.4-24.0-29.7	9.7	25.1	28.4	101.55
#TOTALS - NO. SAMPLES		1 -	SMPLS MISBRANDED	0 -	101.55
SUR-GRO PLANT FOOD, COWGILL, MO					
0707	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
0597	11.0-52.0- 0.0	12.9	52.1	0.0	103.17
#TOTALS - NO. SAMPLES		2 -	SMPLS MISBRANDED	0 -	102.12
SUR-GRO PLANT FOOD CO, DEARBORN, MO					
1311	18.0-18.0-18.0	18.5	17.0	18.0	98.89
#TOTALS - NO. SAMPLES		1 -	SMPLS MISBRANDED	0 -	98.89
SUR-GRO PLANT FOOD, FOREST CITY, MO					
1356	6.2-15.9-15.9	5.2*	13.4*	17.8	91.51*
#TOTALS - NO. SAMPLES		1 -	SMPLS MISBRANDED	1 -	91.51
SUR-GRO PLANT FOOD, KING CITY, MO					
1474**	2.8-13.6-45.6	5.8	23.2	33.2*	116.33
1459	10.3-26.4-26.4	9.8	24.9	27.8	97.39
#TOTALS - NO. SAMPLES		2 -	SMPLS MISBRANDED	1 -	105.72
SUR-GRO PLANT FOOD, OSBORN, MO					
1630	10.3-26.4-26.4	9.8	25.4	28.0	98.60
#TOTALS - NO. SAMPLES		1 -	SMPLS MISBRANDED	0 -	98.60
SUR-GRO PLANT FOOD, WESTON, MO					
1222	9.6-24.6-28.7	8.4*	21.7*	32.8	95.78*
#TOTALS - NO. SAMPLES		1 -	SMPLS MISBRANDED	1 -	95.78
UNITED COOPERATIVES INC, OSBORN, MO					
1637**	7.0-19.0-29.0	6.8	17.9	32.6	101.23
#TOTALS - NO. SAMPLES		1 -	SMPLS MISBRANDED	0 -	101.23
WEST CENTRAL AGRISERVICES, LLC, CENTERVIEW, MO					
1747**	4.4-20.8-32.7	5.0	20.9	32.9	101.93
0194	10.2-26.0-26.0	10.6	27.2	23.7*	100.91
1822**	11.7-13.1- 5.8	12.6	13.9	6.3	107.04
#TOTALS - NO. SAMPLES		3 -	SMPLS MISBRANDED	1 -	102.70

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
WEST CENTRAL AGRISERVICES, LLC, RICH HILL, MO					
1883**	4.2-19.9-33.6	4.3	19.3	34.4	99.76
#TOTALS - NO. SAMPLES		1 -	SMPLS MISBRANDED	0 -	99.76
YOUNG ENTERPRISES, INC, NEW HARTFORD, MO					
1106	7.0-18.0-36.0	6.4	16.4	39.7	99.19
#TOTALS - NO. SAMPLES		1 -	SMPLS MISBRANDED	0 -	99.19

\* 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 23.

# Totals from July 1, 2012

## LIQUID FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
1993	32.0- 0.0- 0.0	31.9	0.0	0.0	99.69
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.69
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
1847	2.9- 8.5-12.7	3.0	8.6	13.0	101.97
1848	3.0- 9.0-27.0	3.1	9.2	27.0	101.18
1849	10.0-30.0- 0.0	10.1	30.1	0.0	100.50
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	101.02
BARTLETT & COMPANY, L.P.		WAVERLY, MO			
1337**	2.2- 3.6- 2.9	2.4	3.8	3.4	108.97
1336**	4.0- 6.6-11.7	3.9	6.0	9.8*	89.97*
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	1 -	95.78
CF INDUSTRIES, INC		DEERFIELD, IL			
1851	32.0- 0.0- 0.0	32.1	0.0	0.0	100.31
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.31
DYNO NOBEL, INC		LOUISIANA, MO			
0178	6.0- 0.0- 0.0	6.9	0.0	0.0	115.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	115.00
GAVILON FERTILIZER LLC		SAUGET, IL			
0483	32.0- 0.0- 0.0	32.2	0.0	0.0	100.63
0484	32.0- 0.0- 0.0	32.0	0.0	0.0	100.00
1447	32.0- 0.0- 0.0	32.6	0.0	0.0	101.88
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	100.83
GOLDEN TRIANGLE ENERGY, LLC		CRAIG, MO			
1094	0.0- 0.2- 0.2	0.0	0.2	0.2	100.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.00
HELENA CHEMICAL CO - CANTON		WYACONDA, MO			
1994	32.0- 0.0- 0.0	32.2	0.0	0.0	100.63
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.63
HELENA CHEMICAL CO		MEMPHIS, MO			
1610	32.0- 0.0- 0.0	29.1*	0.0	0.0	90.94*
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	90.94
MALLORY AG, INC.		HOLDEN, MO			
0482**	23.0- 0.0- 0.0	21.8	0.0	0.0	94.78*
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	94.78
OSWALD AGRICULTURAL PRODUCTS INC.		TARKIO, MO			
1443**	6.4-14.1- 8.4	6.2	13.4	8.4	96.36*
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	96.36
POOLE CHEMICAL CO INC		TEXLINE, TX			
1850**	12.0- 0.0- 0.0	11.7	0.0	0.0	97.50
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	97.50

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
RICKETTS FARM SERVICE OF CAIRO, INC		CAIRO, MO			
0833	6.4-12.9-19.3	4.5*	13.2	20.0	95.68*
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	95.68
RICKETTS FARM SERVICE INC		SALISBURY, MO			
1442	6.2-12.4-18.7	6.6	11.6	17.5	96.42*
1444	28.0- 0.0- 0.0	26.4	0.0	0.0	94.29*
1445	28.0- 0.0- 0.0	28.5	0.0	0.0	101.79
1446	28.0- 0.0- 0.0	28.2	0.0	0.0	100.71
1710	28.0- 0.0- 0.0	27.6	0.0	0.0	98.57
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	2 -	98.35
TERRA NITROGEN CORP. - YAZOO CITY		SIOUX CITY, IA			
0104	28.0- 0.0- 0.0	27.6	0.0	0.0	98.57
0281	28.0- 0.0- 0.0	27.8	0.0	0.0	99.29
0180	32.0- 0.0- 0.0	32.1	0.0	0.0	100.31
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	99.43

\* 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 23.

# Totals from July 1, 2012

**SECONDARY AND MICRONUTRIENTS IN FERTILIZER**

Lab No. 12F#	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
<b>A &amp; L AG CENTER, SEDALIA, MO</b>																					
12F-1428	11.0-16.5-25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.08	1.3
<b>AG COOP SERVICES INC., IA MONTE, MO</b>																					
12F-1735	10.0-25.6-25.6	.....	.....	.....	.....	2.5	3.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>AG COOP SERVICES INC., SEDALIA, MO</b>																					
12F-2008	5.4-25.7-30.0	.....	.....	.....	.....	3.5	4.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-2009	5.4-25.7-30.0	.....	.....	.....	.....	3.5	4.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>AGRISERVICES OF BRUNSWICK LLC, BRUNSWICK, MO</b>																					
12F-1091	20.5-0.0-0.0	.....	.....	.....	.....	24.0	24.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-1516	0.0-0.0-0.0	.....	.....	.....	.....	90.0	90.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-1590	20.5-0.0-0.0	.....	.....	.....	.....	24.0	24.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-2049	21.0-0.0-0.0	.....	.....	.....	.....	24.0	24.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>AGRISERVICES OF BRUNSWICK LLC-WEST, BRUNSWICK, MO</b>																					
12F-1640	5.0-23.9-29.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.5	1.7
12F-1641	5.0-23.9-29.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.5	1.6
<b>AGRISERVICES OF BRUNSWICK LLC, BRUNSWICK, MO</b>																					
12F-1881	4.5-21.3-31.9	.....	.....	.....	.....	5.0	6.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-1882	4.5-21.3-31.9	.....	.....	.....	.....	5.0	6.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>AMERICAN PLANT FOOD CORPORATION, GALENA PARK, TX</b>																					
12F-0478	21.0-0.0-0.0	.....	.....	.....	.....	24.0	24.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-0720	21.0-0.0-0.0	.....	.....	.....	.....	24.0	24.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-0826	21.0-0.0-0.0	.....	.....	.....	.....	24.0	24.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>AMEROPA NORTH AMERICA, INC., TAMPA, FL</b>																					
12F-0480	21.0-0.0-0.0	.....	.....	.....	.....	24.0	24.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-0562	21.0-0.0-0.0	.....	.....	.....	.....	24.0	24.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-0726	21.0-0.0-0.0	.....	.....	.....	.....	24.0	24.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-0976	21.0-0.0-0.0	.....	.....	.....	.....	24.0	24.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-0977	21.0-0.0-0.0	.....	.....	.....	.....	24.0	24.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>BARTLETT &amp; COMPANY, L.P., HIGGINSVILLE, MO</b>																					
12F-0584	4.5-21.3-31.9	.....	.....	.....	.....	4.2	5.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.42	.38
12F-0585	4.5-21.3-31.9	.....	.....	.....	.....	4.2	4.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.42	.40
12F-1008	4.4-21.0-31.5	.....	.....	.....	.....	5.0	5.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.50	.45
12F-1740	6.7-31.9-19.9	.....	.....	.....	.....	3.9	5.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.39	.37
12F-1742	5.5-26.6-26.6	.....	.....	.....	.....	3.3	4.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.33	.38
12F-1874	5.6-26.7-26.7	.....	.....	.....	.....	3.5	4.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-1884	4.1-19.7-34.2	.....	.....	.....	.....	4.4	5.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>BARTLETT &amp; COMPANY, L.P., WAVERLY, MO</b>																					
12F-1336	4.0-6.6-11.7	.....	.....	.....	.....	2.0	2.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-1337	2.2-3.6-2.9	.....	.....	.....	.....	1.2	1.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>CENTRAL MISSOURI AGRISERVICE LLC, BLACKBURN, MO</b>																					
12F-1226	5.7-27.0-27.0	.....	.....	.....	.....	2.7	3.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.80	.85
12F-1227	5.6-26.5-26.5	.....	.....	.....	.....	5.0	5.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.50	.46
12F-1732	13.4-13.3-26.7	.....	.....	.....	.....	7.9	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>CENTRAL MISSOURI AGRISERVICE LLC, MALTA BEND, MO</b>																					
12F-1230	4.0-19.1-38.2	.....	.....	.....	.....	.40	1.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.80	.58*
12F-1231	4.0-19.1-38.2	.....	.....	.....	.....	.40	1.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.80	.63*
12F-1467	5.8-27.2-27.2	.....	.....	.....	.....	3.0	2.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.30	.26*
12F-1468	5.8-27.2-27.2	.....	.....	.....	.....	3.0	3.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.30	.30
<b>CENTRAL MISSOURI AGRISERVICE LLC, MARSHALL, MO</b>																					
12F-1359	4.7-22.4-33.5	.....	.....	.....	.....	3.0	3.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-1360	4.7-22.4-33.5	.....	.....	.....	.....	3.0	3.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-1464	6.6-31.2-20.2	.....	.....	.....	.....	5.5	6.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.70	.72
12F-1465	6.0-28.3-24.8	.....	.....	.....	.....	5.4	6.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>CENTRAL MISSOURI AGRISERVICE LLC, MARSHALL, MO</b>																					
12F-1466	6.0-28.4-24.9	.....	.....	.....	.....	3.5	5.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.70	.63

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

**SECONDARY AND MICRONUTRIENTS IN FERTILIZER**

Lab No. 12F#	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
<b>CENTRAL MISSOURI AGRISERVICE LLC, MARSHALL, MO (Continued)</b>																					
12F-1638	6.1-28.9-25.3	.....	.....	.....	.....	3.6	4.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-1639	6.1-28.9-25.3	.....	.....	.....	.....	3.6	3.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-2007	6.0-28.3-24.8	.....	.....	.....	.....	5.3	6.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>CENTRAL MISSOURI AGRISERVICE LLC, SLATER, MO</b>																					
12F-1357	5.0-23.8-28.6	.....	.....	.....	.....	4.0	5.2	.10	.07*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	.67
12F-1358	5.0-23.8-28.6	.....	.....	.....	.....	4.0	5.2	.10	.08	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	.62
12F-1469	5.6-26.4-26.4	.....	.....	.....	.....	5.3	5.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-1470	5.6-26.4-26.4	.....	.....	.....	.....	5.3	5.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-1744	5.1-24.0-26.7	.....	.....	.....	.....	2.7	3.1	.50	.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.3	1.3
12F-1746	4.9-23.0-28.8	.....	.....	.....	.....	2.9	3.2	.60	.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	.63
<b>CF INDUSTRIES, INC, DEERFIELD, IL</b>																					
12F-0230	11.0-40.0-0.0	.....	.....	.....	.....	12.0	11.2*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>COOPERATIVE ASSN NO. 2-BULK PLANT, WASHINGTON, MO</b>																					
12F-0863	4.5-22.0-30.5	.....	.....	.....	.....	6.5	8.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-1350	10.0-25.5-25.5	.....	.....	.....	.....	2.5	3.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>CROP PRODUCTION SERVICES-712, CLARENCE, MO</b>																					
12F-1047	3.4-11.2-44.7	.....	.....	.....	.....	2.8	2.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	.28*
<b>CROP PRODUCTION SERVICES-4025, MARSTON, MO</b>																					
12F-1332	21.0-0.0-0.0	.....	.....	.....	.....	24.0	24.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>CROP PRODUCTION SERVICES-3512, PALMYRA, MO</b>																					
12F-1936	4.8-16.0-37.2	.....	.....	.....	.....	4.0	3.4*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.40	.36
<b>CROP PRODUCTION SERVICES-3528, QUINCY, IL</b>																					
12F-0002	12.0-40.0-0.0	.....	.....	.....	.....	10.0	9.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	1.0
12F-1226	12.0-40.0-0.0	.....	.....	.....	.....	10.0	10.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	.97
12F-1927	12.0-40.0-0.0	.....	.....	.....	.....	10.0	9.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	1.0
12F-1929	12.0-40.0-0.0	.....	.....	.....	.....	10.0	9.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	1.0
<b>EASY GARDENER INC., WOMELSDORF, PA</b>																					
12F-0146	4.0-4.0-4.0	8.0	12.0	.50	.73	1.4	1.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>EAU CLAIRE COOP COMPANY, EAU CLAIRE, WI</b>																					
12F-0655	28.0-0.0-3.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	.89*	.....	.....	.....	.....	.....	.....
12F-0658	22.0-0.0-10.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	.91	.....	.....	.....	.....	.....	.....
12F-0784	30.0-0.0-3.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	1.1	.....	.....	.....	.....	.....	.....
12F-1282	30.0-0.0-3.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	.92	.....	.....	.....	.....	.....	.....
12F-1284	28.0-0.0-3.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	1.1	.....	.....	.....	.....	.....	.....
12F-1285	22.0-0.0-10.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	.79*	.....	.....	.....	.....	.....	.....
<b>FARMERS ELEVATOR &amp; EXCHANGE CO., MONROE CITY, MO</b>																					
12F-1531	8.0-24.2-24.2	.....	.....	.....	.....	3.4	4.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>FERTILIZER SERVICE CO., FAIRFAX, MO</b>																					
12F-1535	5.0-26.0-26.0	.....	.....	.....	.....	3.4	4.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	1.2
<b>FRIT INDUSTRIES, OZARK, AL</b>																					
12F-0727	0.0-0.0-0.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50.0	48.1*	.....	.....	.....	.....	.....	.....
<b>GAGE'S FERTILIZER &amp; GRAIN, INC., BETHANY, MO</b>																					
12F-1334	21.0-0.0-0.0	.....	.....	.....	.....	25.0	24.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>GAGE'S FERTILIZER &amp; GRAIN, INC., SKIDMORE, MO</b>																					
12F-1629	11.9-17.4-19.3	.....	.....	.....	.....	5.8	6.2	.16	.17	.....	.....	.....	.....	.....	.....	.09	.11	.....	.....	.13	.15
<b>GAGE'S FERTILIZER &amp; GRAIN, INC., STANBERRY, MO</b>																					
12F-1823	3.8-0.0-41.8	.....	.....	.....	.....	5.0	5.3	.12	.17	.....	.....	.....	.....	.....	.....	.48	.85	.....	.....	.48	.97
<b>GAVILON AG SERVICES, LLC-NEBRASKA, NEBRASKA CITY, NE</b>																					
12F-0176	21.0-0.0-0.0	.....	.....	.....	.....	24.0	24.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>GAVILON FERTILIZER LLC., CATOOSA, OK</b>																					
12F-0911	12.0-40.0-0.0	.....	.....	.....	.....	10.0	10.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	1.0
<b>GAVILON FERTILIZER LLC., SAUGET, IL</b>																					
12F-0721	21.0-0.0-0.0	.....	.....	.....	.....	24.0	24.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-0827	21.0-0.0-0.0	.....	.....	.....	.....	24.0	24.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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



**SECONDARY AND MICRONUTRIENTS IN FERTILIZER**

Lab No. 12F#	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
GAVILON FERTILIZER LLC., SAUGET, IL (Continued)																					
12F-1990	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
GREAT SALT LAKE MINERALS CORP., OGDEN, UT																					
12F-0662	0.0-0.0-50.0	....	....	....	....	17.0	18.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
GRO TEC. INC., COVINGTON, GA																					
12F-0342	29.0-0.0-5.0	....	....	....	....	....	....	....	....	....	....	....	....	2.0	2.0	....	....	....	....	....	....
12F-1050	18.0-24.0-6.0	....	....	....	....	....	....	.02	.04	....	....	.05	.08	.25	1.8	.10	.17	....	....	.10	.20
GUIER CHEMICAL & FERTILIZER, HOUSTONIA, MO																					
12F-1533	5.5-27.5-27.5	....	....	....	....	2.0	2.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1534	5.5-27.5-27.5	....	....	....	....	2.0	2.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1733	11.0-29.0-19.5	....	....	....	....	4.0	4.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1734	11.0-29.0-19.5	....	....	....	....	4.0	4.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
HEIMSOTH AGRI SERVICE INC., CORDER, MO																					
12F-1869	7.0-18.5-32.5	....	....	....	....	2.0	2.9	....	....	....	....	....	....	....	....	....	....	....	....	....	.80 .88
12F-1870	7.0-18.5-32.5	....	....	....	....	2.0	3.1	....	....	....	....	....	....	....	....	....	....	....	....	....	.80 .76
HELENA CHEMICAL COMPANY, COLLIERVILLE, TN																					
12F-1680	29.0-0.0-11.0	....	....	....	....	3.0	3.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
HELM FERTILIZER CORPORATION, TAMPA, FL																					
12F-0979	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
HODGES FERTILIZER, PERRY, MO																					
12F-1528	4.5-21.7-32.6	....	....	....	....	3.6	5.3	....	....	....	....	....	....	....	....	....	....	....	....	....	.30 .47
HONEYWELL, HOPEWELL, VA																					
12F-0831	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1515	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
HOWARD JOHNSON'S ENT., INC, FRANKLIN, WI																					
12F-0240	18.0-3.0-15.0	....	....	....	....	1.7	2.1	....	....	....	....	....	....	1.0	1.4	....	....	....	....	....	....
12F-0296	12.0-20.0-6.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.7	....	....	....	....	....	....
12F-0337	18.0-3.0-15.0	....	....	....	....	1.7	2.0	....	....	....	....	....	....	1.0	1.6	....	....	....	....	....	....
12F-0527	23.0-3.0-8.0	....	....	....	....	2.4	2.6	....	....	....	....	....	....	1.0	.93	....	....	....	....	....	....
12F-0528	18.0-3.0-15.0	....	....	....	....	1.7	2.3	....	....	....	....	....	....	1.0	1.6	....	....	....	....	....	....
12F-0739	8.0-12.0-10.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.0 .00*
12F-0777	21.0-8.0-8.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	2.4	....	....	....	....	....	....
12F-0783	30.0-0.0-3.0	....	....	....	....	2.0	1.8	....	....	....	....	....	....	2.0	1.4*	....	....	....	....	....	....
12F-0789	18.0-0.0-12.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.2	....	....	....	....	....	....
12F-0790	12.0-0.0-4.0	....	....	....	....	1.0	.10*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0919	18.0-3.0-15.0	....	....	....	....	1.7	2.0	....	....	....	....	....	....	1.0	1.4	....	....	....	....	....	....
12F-1210	18.0-3.0-15.0	....	....	....	....	1.7	2.3	....	....	....	....	....	....	1.0	2.1	....	....	....	....	....	....
INTER-CHEM, TULSA, OK																					
12F-0792	0.0-0.0-20.0	....	....	10.0	11.0	22.0	22.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0832	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
JUNGLE GROWTH, LLC, STATHAM, GA																					
12F-1279	11.0-2.0-3.0	1.0	3.3	....	....	1.0	1.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
KELLY LIMESTONE LLC, KIRKSVILLE, MO																					
12F-0012	0.0-0.0-0.0	24.0	23.9	....	....	16.0	17.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1093	0.0-0.0-0.0	17.0	21.6	....	....	14.0	17.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
LEBANON SEABOARD CORPORATION, LEBANON, PA																					
12F-0343	24.0-0.0-12.0	....	....	....	....	10.0	12.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0787	24.0-0.0-12.0	....	....	....	....	10.0	14.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0788	24.0-0.0-12.0	....	....	....	....	10.0	12.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MALLORY AG, INC., HOLDEN, MO																					
12F-0482	23.0-0.0-0.0	....	....	....	....	2.0	2.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MARTIN OPERATING PARTNERSHIP LP, ODESSA, TX																					
12F-1092	0.0-0.0-0.0	....	....	....	....	90.0	93.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MEARS FERTILIZER, INC., EL DORADO, KS																					
12F-1678	20.0-3.0-10.0	....	....	....	....	6.2	6.6	....	....	....	....	....	....	2.0	2.3	....	....	....	....	....	....

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**SECONDARY AND MICRONUTRIENTS IN FERTILIZER**

Lab No. 12F#	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
<b>MERSCHMAN FERTILIZER LLC-FT. MADISON, WEST POINT, IA</b>																					
12F-1278	30.1-0.0-0.0	.....	.....	.....	.....	7.0	7.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>MFA AGRI SERVICES, BURLINGTON JCT., MO</b>																					
12F-1396	7.2-23.9-24.0	.....	.....	.....	.....	6.0	6.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	.64
<b>MFA AGRI SERVICES, CENTRALIA, MO</b>																					
12F-1275	7.7-22.7-29.2	.....	.....	.....	.....	3.2	3.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.32	.39
12F-1276	7.1-23.8-23.8	.....	.....	.....	.....	8.0	8.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	.69
12F-1933	16.1-16.1-16.1	.....	.....	.....	.....	4.0	4.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.40	.40
<b>MFA AGRI SERVICES, CONCEPTION JCT., MO</b>																					
12F-1937	4.8-17.8-17.8	.....	.....	.....	.....	2.9	3.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.30	.30
<b>MFA AGRI SERVICES, GALLATIN, MO</b>																					
12F-1632	7.2-21.8-29.1	.....	.....	.....	.....	3.6	4.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.36	.38
12F-1633	7.2-21.8-29.1	.....	.....	.....	.....	3.6	4.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.36	.39
12F-1634	7.2-21.8-29.1	.....	.....	.....	.....	3.6	4.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.36	.37
12F-1635	7.2-21.8-29.1	.....	.....	.....	.....	3.6	4.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.36	.40
<b>MFA AGRI SERVICES, HIGGINSVILLE, MO</b>																					
12F-0996	15.8-15.8-15.8	.....	.....	.....	.....	7.8	8.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-1345	12.0-6.0-18.0	.....	.....	.....	.....	3.6	4.0	.48	.44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-1395	7.2-24.1-24.1	.....	.....	.....	.....	6.0	5.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	.66
12F-1397	7.1-24.1-24.1	.....	.....	.....	.....	6.0	6.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	.69
12F-1674	6.2-25.9-25.9	.....	.....	.....	.....	4.3	5.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.20	.24
12F-1675	6.2-25.9-25.9	.....	.....	.....	.....	4.3	5.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.20	.25
<b>MFA AGRI SERVICES, JEFFERSON CITY, MO</b>																					
12F-1354	7.0-20.5-31.0	.....	.....	.....	.....	2.0	2.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.21	.23
<b>MFA AGRI SERVICES, LABELLE, MO</b>																					
12F-1935	6.2-20.6-28.9	.....	.....	.....	.....	5.1	5.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	.51*
<b>MFA AGRI SERVICES, LEXINGTON, MO</b>																					
12F-1007	5.5-26.4-26.4	.....	.....	.....	.....	5.2	6.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>MFA AGRI SERVICES, MARYVILLE, MO</b>																					
12F-1563	7.2-24.0-23.9	.....	.....	.....	.....	6.0	5.1*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60	.52*
<b>MFA AGRI SERVICES, NORBORNE, MO</b>																					
12F-0495	5.0-25.8-25.8	.....	.....	.....	.....	5.5	6.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.37	.44
<b>MFA AGRI SERVICES, ODESSA, MO</b>																					
12F-1393	7.8-22.8-28.4	.....	.....	.....	.....	2.8	3.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.29	.28
12F-1394	7.8-22.8-28.4	.....	.....	.....	.....	2.8	3.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.29	.33
12F-1788	7.8-22.8-28.5	.....	.....	.....	.....	2.8	3.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.28	.28
12F-1789	7.8-22.8-28.5	.....	.....	.....	.....	2.8	3.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.28	.30
<b>MFA AGRI SERVICES, SALISBURY, MO</b>																					
12F-1457	6.0-21.5-30.2	.....	.....	.....	.....	4.3	4.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.43	.42
12F-1495	6.0-21.5-30.2	.....	.....	.....	.....	4.3	4.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.43	.41
12F-1791	4.9-16.4-36.5	.....	.....	.....	.....	4.1	4.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.40	.40
<b>MFA AGRI SERVICES, SEDALIA, MO</b>																					
12F-1344	12.8-25.5-16.5	.....	.....	.....	.....	6.4	7.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-1748	2.2-10.2-43.3	.....	.....	.....	.....	5.9	5.3*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.40	.48
<b>MFA AGRI SERVICES, SHERIDAN, MO</b>																					
12F-2029	6.4-23.7-27.6	.....	.....	.....	.....	3.9	4.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.39	.40
<b>MFA PLANT FOODS, COLUMBIA, MO</b>																					
12F-0020	13.0-13.0-13.0	10.0	10.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-0021	12.0-40.0-0.0	.....	.....	.....	.....	10.0	9.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	1.0
12F-0022	12.0-40.0-0.0	.....	.....	.....	.....	10.0	9.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	1.0
12F-0076	12.0-40.0-0.0	.....	.....	.....	.....	10.0	9.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	1.0
12F-0077	12.0-40.0-0.0	.....	.....	.....	.....	10.0	9.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	1.0
12F-0112	13.0-13.0-13.0	10.0	13.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-0114	6.0-24.0-24.0	2.5	3.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12F-0144	12.0-40.0-0.0	.....	.....	.....	.....	10.0	9.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.0	1.0

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

**SECONDARY AND MICRONUTRIENTS IN FERTILIZER**

Lab No. 12F#	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

**MFA PLANT FOODS, COLUMBIA, MO (Continued)**

12F-0177	0.0-0.0-0.0	....	....	....	....	90.0	89.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0229	10.0-40.0-0.0	....	....	....	....	10.0	9.4	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-0233	12.0-40.0-0.0	....	....	....	....	10.0	9.7	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-0289	13.0-13.0-13.0	10.0	10.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0298	6.0-24.0-24.0	2.5	3.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0429	12.0-40.0-0.0	....	....	....	....	10.0	9.7	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.94
12F-0430	12.0-40.0-0.0	....	....	....	....	10.0	9.6	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-0431	12.0-40.0-0.0	....	....	....	....	10.0	9.5	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.1
12F-0481	0.0-0.0-0.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	36.0	45.2
12F-0564	0.0-0.0-0.0	....	....	....	....	90.0	91.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0581	13.0-13.0-13.0	10.0	11.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0647	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-0649	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.1
12F-0650	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.1
12F-0652	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.98
12F-0659	0.0-0.0-22.0	....	....	11.0	11.3	22.0	23.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0660	0.0-0.0-22.0	....	....	11.0	11.3	22.0	23.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0766	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-0767	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.1
12F-0770	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.2
12F-0771	12.0-40.0-0.0	....	....	....	....	10.0	9.5	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-0909	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1043	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1137	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1172	0.0-0.0-0.0	....	....	....	....	90.0	92.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1173	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1188	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1189	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.99
12F-1216	13.0-13.0-13.0	10.0	10.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1269	12.0-40.0-0.0	....	....	....	....	10.0	10.4	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.98
12F-1270	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1286	0.0-0.0-22.0	....	....	11.0	11.2	22.0	22.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1335	0.0-0.0-0.0	....	....	....	....	90.0	91.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1441	0.0-0.0-0.0	....	....	....	....	90.0	92.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1455	13.0-13.0-13.0	10.0	10.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1492	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.99
12F-1493	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.1
12F-1600	12.0-40.0-0.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.96
12F-1626	13.0-13.0-13.0	10.0	11.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1627	13.0-13.0-13.0	10.0	10.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1709	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1781	12.0-40.0-0.0	....	....	....	....	10.0	10.5	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1782	12.0-40.0-0.0	....	....	....	....	10.0	10.7	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1783	12.0-40.0-0.0	....	....	....	....	10.0	10.6	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1784	12.0-40.0-0.0	....	....	....	....	10.0	10.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1932	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.95
12F-1991	0.0-0.0-0.0	....	....	....	....	90.0	93.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1992	0.0-0.0-0.0	....	....	....	....	90.0	93.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-2027	12.0-40.0-0.0	....	....	....	....	10.0	9.4	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-2028	12.0-40.0-0.0	....	....	....	....	10.0	10.6	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.96
12F-2048	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....

**MFA PLANT FOODS, HAYTI, MO**

12F-0277	20.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0560	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....

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

**SECONDARY AND MICRONUTRIENTS IN FERTILIZER**

Lab No. 12F#	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
<b>MFA PLANT FOODS, HAYTI, MO (Continued)</b>																					
12F-0724	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0980	21.0-0.0-0.0	....	....	....	....	24.0	23.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1588	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1589	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>MFA PLANT FOODS, PALMYRA, MO</b>																					
12F-0234	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.1
12F-0329	12.0-40.0-0.0	....	....	....	....	10.0	9.3*	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-0330	12.0-40.0-0.0	....	....	....	....	10.0	9.6	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-0648	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-0769	12.0-40.0-0.0	....	....	....	....	10.0	9.6	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1044	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.1
12F-1134	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.1
12F-1136	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.1
12F-1267	12.0-40.0-0.0	....	....	....	....	10.0	10.4	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.97
12F-1389	12.0-40.0-0.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.96
12F-1559	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.94
12F-1785	12.0-40.0-0.0	....	....	....	....	10.0	10.5	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.97
12F-1928	12.0-40.0-0.0	....	....	....	....	10.0	10.5	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1930	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1931	12.0-40.0-0.0	....	....	....	....	10.0	10.4	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.96
<b>MIDWEST AGRI-CHEMICO INC, CAPE GIRARDEAU, MO</b>																					
12F-0276	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0563	21.0-0.0-0.0	....	....	....	....	24.0	24.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0661	0.0-0.0-22.0	....	....	11.0	11.3	22.0	23.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0725	21.0-0.0-0.0	....	....	....	....	24.0	23.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0825	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0926	0.0-0.0-21.0	....	....	11.0	11.1	22.0	22.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0978	21.0-0.0-0.0	....	....	....	....	24.0	24.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1090	21.0-0.0-0.0	....	....	....	....	24.0	23.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1792	0.0-0.0-22.0	....	....	11.0	11.6	22.0	23.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1843	21.0-0.0-0.0	....	....	....	....	24.0	24.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>MID MISSOURI AGRI SERVICES, CONCORDIA, MO</b>																					
12F-1346	9.6-19.2-28.9	....	....	....	....	10.0	5.3*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>MILWAUKEE METROPOLITAN SEWERAGE DIS, MILWAUKEE, WI</b>																					
12F-0921	5.0-2.0-0.0	1.2	1.9	....	....	....	....	....	....	....	....	....	....	4.0	3.8	....	....	....	....	....	....
12F-1280	5.0-2.0-0.0	1.2	2.3	....	....	....	....	....	....	....	....	....	....	4.0	4.7	....	....	....	....	....	....
<b>MIRACLE-GRO LAWN PRODUCTS INC., MARYSVILLE, OH</b>																					
12F-0922	0.21.0.07-0.14	....	....	....	....	....	....	....	....	....	....	....	....	.10	.14	....	....	....	....	....	....
12F-1450	24.0-8.0-16.0	....	....	....	....	....	....	.02	.02	....	....	.07	.06	.15	.18	.05	.04	....	....	.06	.06
<b>MOSAIC CROP NUTRITION, LLC, LITHIA, FL</b>																					
12F-0331	12.0-40.0-0.0	....	....	....	....	10.0	9.7	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.97
12F-0910	12.0-40.0-0.0	....	....	....	....	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1271	12.0-40.0-0.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1272	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1672	12.0-40.0-0.0	....	....	....	....	10.0	10.4	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.99
12F-1926	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
<b>OAKLEY FERTILIZER, INC., NORTH LITTLE ROCK, AR</b>																					
12F-0828	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0830	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1171	20.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>OAKLEY MISSOURI INC, CARUTHERSVILLE, MO</b>																					
12F-0279	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0722	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0723	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....

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**SECONDARY AND MICRONUTRIENTS IN FERTILIZER**

Lab No. 12F#	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
OAKLEY MISSOURI INC, CARUTHERSVILLE, MO (Continued)																					
12F-0829	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
ORRICK FARM SERVICE, INC., ORRICK, MO																					
12F-1636	7.2-33.6-16.8	....	....	....	....	6.7	8.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1880	4.6-21.4-30.5	....	....	....	....	7.3	7.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
OSWALD AGRICULTURAL PRODUCTS INC., TARKIO, MO																					
12F-1443	6.4-14.1-8.4	....	....	....	....	3.6	3.7	.05	.06	....	....	....	....	....	....	.10	.07*	....	....	.09	.11
PILOT GROVE COOPERATIVE ELEVATOR, PILOT GROVE, MO																					
12F-1878	5.0-23.5-33.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.20	.20
POOLE CHEMICAL CO. INC., TEXLINE, TX																					
12F-1850	12.0-0.0-0.0	....	....	....	....	26.0	25.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
RAY-CARROLL COUNTY GRAIN GROWERS, INC., BRUNSWICK, MO																					
12F-1105	3.9-18.4-36.8	....	....	....	....	3.9	3.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1109	3.9-18.4-36.8	....	....	....	....	3.1	4.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1392	11.8-19.7-23.6	....	....	....	....	3.9	4.1	....	....	....	....	....	....	....	....	....	....	....	....	.39	.38
12F-1400	6.3-24.9-26.6	....	....	....	....	3.3	3.9	....	....	....	....	....	....	....	....	....	....	....	....	.33	.34
12F-1401	6.3-24.9-26.6	....	....	....	....	3.3	3.8	....	....	....	....	....	....	....	....	....	....	....	....	.33	.33
12F-2030	6.4-25.8-25.8	....	....	....	....	2.8	3.6	....	....	....	....	....	....	....	....	....	....	....	....	.80	.96
12F-2031	6.4-25.8-25.8	....	....	....	....	2.8	5.2	....	....	....	....	....	....	....	....	....	....	....	....	.80	.29*
RAY-CARROLL COUNTY GRAIN GROWERS, INC., CARROLLTON, MO																					
12F-1107	5.4-25.7-25.7	....	....	....	....	5.0	5.7	....	....	....	....	....	....	....	....	....	....	....	....	.60	.57
12F-1108	5.4-25.7-25.7	....	....	....	....	5.0	5.9	....	....	....	....	....	....	....	....	....	....	....	....	.60	.68
12F-1388	12.0-40.0-0.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1398	6.4-25.8-25.8	....	....	....	....	3.2	3.5	....	....	....	....	....	....	....	....	....	....	....	....	.32	.33
RAY-CARROLL COUNTY GRAIN GROWERS, INC., HARDIN, MO																					
12F-0860	6.6-27.3-24.3	....	....	....	....	3.0	3.6	....	....	....	....	....	....	....	....	....	....	....	....	.30	.30
12F-0916	9.1-22.9-22.9	....	....	....	....	4.6	5.0	.46	.19*	....	....	....	....	....	....	....	....	....	....	.46	.50
12F-1277	5.5-18.4-32.3	....	....	....	....	4.6	4.9	....	....	....	....	....	....	....	....	....	....	....	....	.46	.50
RAY-CARROLL COUNTY GRAIN GROWERS, INC., MAYVIEW, MO																					
12F-1790	7.2-24.0-24.0	....	....	....	....	6.2	6.2	....	....	....	....	....	....	....	....	....	....	....	....	.48	.62
RAY-CARROLL COUNTY GRAIN GROWERS, INC., NORBORNE, MO																					
12F-1221	10.3-49.1-0.0	....	....	....	....	4.9	7.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
RIVER BEND AG LLC, NEW MADRID, MO																					
12F-0078	12.0-40.0-0.0	....	....	....	....	10.0	9.5	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.98
12F-0102	21.0-0.0-0.0	....	....	....	....	24.0	23.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0231	12.0-40.0-0.0	....	....	....	....	10.0	9.6	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.97
RIVER BEND AG LLC, NEW MADRID, MO																					
12F-0232	12.0-40.0-0.0	....	....	....	....	10.0	9.6	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.99
12F-0278	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0332	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.98
12F-0561	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0651	12.0-40.0-0.0	....	....	....	....	10.0	9.6	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-0768	12.0-40.0-0.0	....	....	....	....	10.0	9.6	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1088	21.0-0.0-0.0	....	....	....	....	24.0	23.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1089	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1268	12.0-40.0-0.0	....	....	....	....	10.0	9.7	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.94
12F-1331	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1333	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1779	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1780	12.0-40.0-0.0	....	....	....	....	10.0	9.7	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1844	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
SALISBURY AG CENTER, INC., SALISBURY, MO																					
12F-1463	8.0-20.5-31.0	....	....	....	....	3.5	4.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....

**SECONDARY AND MICRONUTRIENTS IN FERTILIZER**

Lab No. 12F#	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
SCOTTS MIRACLE-GRO PRODUCTS INC, MARYSVILLE, OH																					
12F-0103	7.0-7.0-7.0	....	....	....	....	....	....	.02	.019	....	....	.05	.05	.10	.098	.08	.07	....	....	.05	.06
12F-0179	8.0-7.0-6.0	....	....	....	....	....	....	....	....	....	....	....	....	.10	.11	....	....	....	....	....	....
SOUTH CENTRAL COOP., LAMONI, IA																					
12F-0023	12.0-40.0-0.0	....	....	....	....	7.0	6.3*	....	....	....	....	....	....	....	....	....	....	....	....	.50	.45
SOUTHEAST COOPERATIVE SERVICE CO., ADVANCE, MO																					
12F-0479	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
SUN BULB CO. INC., ARCADIA, FL																					
12F-0191	11.0-35.0-15.0	....	....	.60	.66	....	....	.02	.02	....	....	.05	.05	.10	.10	.05	.04	....	....	.05	.05
SUN GRO HORTICULTURE, PINE BLUFF, AR																					
12F-1624	22.0-24.0-12.0	....	....	....	....	....	....	.02	.02	....	....	....	....	.10	.10	.05	.04	....	....	.05	.04
SUR-GRO PLANT FOOD, KING CITY, MO																					
12F-1474	2.8-13.6-45.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.02	.94
SUR-GRO PLANT FOOD, PLATTSBURG, MO																					
12F-0174	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0175	21.0-0.0-0.0	....	....	....	....	24.0	24.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
SWISS FARMS PRODUCTS INC., LAS VEGAS, NV																					
12F-1283	29.0-0.0-4.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.2	....	....	....	....	....	....
THE SCOTTS COMPANY, MARYSVILLE, OH																					
12F-0237	32.0-0.0-10.0	....	....	....	....	6.0	7.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0334	28.0-1.0-4.0	....	....	....	....	12.0	12.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0335	27.0-2.0-12.0	....	....	....	....	8.0	8.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0336	22.0-2.0-2.0	....	....	....	....	13.0	13.1	....	....	....	....	....	....	5.7	6.1	....	....	....	....	....	....
12F-0341	32.0-0.0-4.0	....	....	....	....	7.0	8.0	....	....	....	....	....	....	2.0	2.0	....	....	....	....	....	....
12F-0529	30.0-0.0-4.0	....	....	....	....	1.0	2.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0654	22.0-2.0-2.0	....	....	....	....	13.0	13.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0776	24.0-2.0-12.0	....	....	....	....	11.0	11.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0782	32.0-0.0-10.0	....	....	....	....	6.0	6.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0918	26.0-2.0-12.0	....	....	....	....	9.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0923	32.0-0.0-10.0	....	....	....	....	6.0	7.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-0924	30.0-0.0-4.0	....	....	....	....	10.0	11.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1403	32.0-2.0-8.0	....	....	....	....	3.0	4.5	....	....	....	....	....	....	2.0	2.3	....	....	....	....	....	....
12F-1404	22.0-2.0-2.0	....	....	....	....	13.0	13.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1405	28.0-0.0-3.0	....	....	....	....	7.0	7.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1407	24.0-0.0-10.0	....	....	....	....	14.0	14.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1498	10.0-10.0-10.0	....	....	....	....	2.0	3.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1499	32.0-0.0-4.0	....	....	....	....	7.0	8.0	....	....	....	....	....	....	2.0	2.5	....	....	....	....	....	....
12F-1679	20.0-10.0-5.0	3.0	3.9	.70	.69	2.0	3.7	.04	.04	....	....	....	....	.50	.94	.07	.07	....	....	.05	.05
UNITED SUPPLIERS, INC., ELDORA, IA																					
12F-1560	12.0-40.0-0.0	....	....	....	....	10.0	10.3	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.98
12F-1561	12.0-40.0-0.0	....	....	....	....	10.0	10.4	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1671	12.0-40.0-0.0	....	....	....	....	10.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
12F-1673	11.0-40.0-0.0	....	....	....	....	12.0	11.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1842	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
UNITED COOPERATIVES INC., OSBORN, MO																					
12F-1637	7.0-19.0-29.0	....	....	....	....	.05	6.0	....	....	....	....	....	....	....	....	....	....	....	....	0.3	.47
UNITED SUPPLIERS, INC., ST. JOSEPH, MO																					
12F-1135	12.0-40.0-0.0	....	....	....	....	10.0	9.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
WEST CENTRAL AGRISERVICES, LLC., CENTERVIEW, MO																					
12F-1747	4.4-20.8-32.7	....	....	....	....	4.6	5.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12F-1822	11.7-13.1-5.8	....	....	....	....	3.0	3.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
WEST CENTRAL AGRISERVICES, LLC., RICH HILL, MO																					
12F-1883	4.2-19.9-33.6	....	....	....	....	2.9	4.1	....	....	....	....	....	....	....	....	....	....	....	....	.57	.69
WINFIELD SOLUTIONS, LLC., ST. PAUL, MN																					
12F-1522	10.0-10.0-10.0	....	....	....	....	....	....	....	....	10.0	7.5*	....	....	....	....	....	....	....	....	....	....

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

College of Agriculture, Food and Natural Resources  
Fertilizer/Ag Lime Program  
FY12 Income & Disbursements<sup>1</sup>

	Ag Lime Fees	Fertilizer Fees	Other	Combined
CARRYFORWARD (07/01/11)				
Contingency			191,130.09	191,130.09
Income Transferred in FY12 for FY11			428,369.07	428,369.07
Other			(318,895.96)	(318,895.96)
Total Carryforward Available			<u>300,603.20</u>	<u>300,603.20</u>
REVENUE				
Tonnage Fees	88,181.34	1,018,557.49		1,124,661.01
Audits	698.10	66,953.58		67,651.68
Permit Fees	23,000.00	155,900.00		178,900.00
Deficiency Payments	0.00	11,368.97		11,368.97
Late Payment Fees	2,771.11	11,967.06		14,738.17
Total Revenue Available	<u>114,650.55</u>	<u>1,224,249.13</u>		<u>1,338,899.68</u>
Total Funds Available	<u>114,650.55</u>	<u>1,224,249.13</u>	<u>300,603.20</u>	<u>1,639,502.88</u>
DISBURSEMENTS				
AES Chemical Laboratory				
Analytical Services				374,813.00
Experiment Stations Chem Lab Support <sup>2</sup>				62,011.39
Special Equipment Reserve <sup>3</sup>				35,000.00
Inspection Services				534,545.41
Annual Research Report				5,756.24
Research Proposals Funded				
Continuing Proposals				
FY09				29,857.00
FY10				95,311.00
FY11				151,293.00
Total Continuing Proposals				276,461.00
New Proposals				
FY12				143,624.00
Total Disbursements				<u>1,432,211.04</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 <sup>4</sup>				<u>139,291.84</u>
Total Contingency				207,291.84
Total Disbursements/Contingency				<u>1,639,502.88</u>

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Footnotes:

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

<sup>2</sup> S&W support to Experiment Station Chem Lab administrative personnel

<sup>3</sup> 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.

<sup>4</sup> 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

PHONE (573) 882-3891

(573) 882-4891

FAX (573) 882-4543

June 4, 2013

TO: FERTILIZER INDUSTRY

SUBJECT: ADDITIONAL DISTRIBUTOR PERMITS TO SELL COMMERCIAL  
FERTILIZERS IN MISSOURI FOR FISCAL YEAR 2012-13.

The following distributors have been issued permits to sell commercial fertilizer in Missouri for the fiscal year ending June 30, 2013.

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 fee to the Director

00005 D	4M FARMING LLC	8545 LAWRENCE 2190	MONETT, MO 65708
00035	ACTAGRO, LLC	PO BOX 309	BIOLA, CA 93606
00065	ADVANCED MARINE TECHNOLOGIES	33 CAPE STREET	NEW BEDFORD, MA 02740
00085	ADVANCING ECO AGRICULTURE, LLC	4551 PARKS WEST RD	MIDDLEFIELD, OH 44062
00915	BAILEY NURSERIES	PO BOX 1019	SALEM, VA 24153-1019
00935	BALTZ FEED COMPANY	PO BOX 20	POCAHONTAS, AR 72455
01175	BIOWORKS, INC	100 RAWSON RD, STE 205	VICTOR, NY 14564
01315 D	BUICK RESOURCE RECYCLING FACILITY	18594 HWY KK	BOSS, MO 65440
01521 L	CF INDUSTRIES SALES LLC -BIGELOW	4 PARKWAY NORTH, STE 400	DEERFIELD, IL 60015-2590
01522	CF INDUSTRIES SALES LLC -BLAIR, NE	4 PARKWAY NORTH, STE 400	DEERFIELD, IL 60015-2590
01523	CF INDUSTRIES SALES LLC -CATOOSA	4 PARKWAY NORTH, STE 400	DEERFIELD, IL 60015-2590
01524	CF INDUSTRIES SALES LLC - COWDEN,IL	4 PARKWAY NORTH, STE 400	DEERFIELD, IL 60015-2590
01525	CF INDUSTRIES SALES LLC -FRANKFORT	4 PARKWAY NORTH, STE 400	DEERFIELD, IL 60015-2590
01526	CF INDUSTRIES SALES LLC-FREMONT, NE	4 PARKWAY NORTH, STE 400	DEERFIELD, IL 60015-2590
01527	CF INDUSTRIES SALES LLC-PLANT CITY	4 PARKWAY NORTH, STE 400	DEERFIELD, IL 60015-2590
01528	CF INDUSTRIES SALES LLC-SPENCER, IA	4 PARKWAY NORTH, STE 400	DEERFIELD, IL 60015-2590
01535	CHARLIE'S COMPOST, LLC	1195 HWY 815	CALHOUN, KY 42327
01683	CONRAD FAFARD, INC	PO BOX 790	AGAWAM, MA 01001
01813 L/D	JOE COURTOIS	618 US HWY 61	NEW MADRID, MO 63869
01815	COWART MULCH	185 PEACHTREE INDUSTRIAL BLVD	SUGAR HILL, GA 30518
01853	CROP PRODUCTION SERVICES-4009	P.O. BOX 668	ALTHEIMER, AR 72004
01905	CROP PRODUCTION SERVICES-4636	3310 CASPER #108	BLYTHEVILLE, AR 72315
02025	CROP PRODUCTION SERVICES-4010	7488 HWY 64	CRAWFORDVILLE, AR 72327
02027	CROP PRODUCTION SERVICES-4142	1804 TUCKER RD	DIAZ, AR 72112
02095	CROP PRODUCTION SERVICES-5506	530 INDUSTRIAL RD	GODDARD, KS 67052
02145 L/D	CROP PRODUCTION SERVICES-4067	22572 HWY 164	HORNERSVILLE, MO 63855
02147 L/D	CROP PRODUCTION SERVICES-4048	500 PECAN STREET	HORNERSVILLE, MO 63855
02167	CROP PRODUCTION SERVICES-4149	309 W 2ND STREET	MARKED TREE, AR 72365
02185	CROP PRODUCTION SERVICES-4145	516 POPLAR	MCCRORY, AR 72101
02186	CROP PRODUCTION SERVICES-8314	1421 CHANNEL AVE	MEMPHIS, TN 38113
02187	CROP PRODUCTION SERVICES-199	1921 OLD NAPLES RD	MEREDOSIA, IL 62665
02215	CROP PRODUCTION SERVICES-4070	82 GREENE 652 RD	PARAGOULD, AR 72450
02295	CROP PRODUCTION SERVICES-3575	5014 GARDNER EXPRESS	QUINCY, IL 62301



02305	CROP PRODUCTION SERVICES-4030	2188 HWY 49	RECTOR, AR 72461
02355	CROP PRODUCTION SERVICES-450	11236 AURORA AVE	URBANDALE, IA 50323
02375	CROP PRODUCTION SERVICES-3925	9915 W 21ST STREET N	WICHITA, KS 67205
02395	CROP PRODUCTION SERVICES-4002	PO BOX 557	WYNNE, AR 72396
02635 D	DICKEY FARM SUPPLY, INC	43 HWY V	CENTERVILLE, MO 63633
02706	DUNN'S FISH FARM OF ARKANSAS	PO BOX 85	FITSTOWN, OK 74842
02725	EARTH AND OCEAN SYSTEMS	PO BOX 2365	PASCO, WA 99302-2365
02975	FARMERS PLANT FOOD INC.	1787 HWY 62 W	SALEM, AR 72576
03025 L/D	FARMHAND SUPPLY	522 SOUTH WALNUT	BERNIE, MO 63822
03175	FRONTIER FERTILIZER	PO BOX 606	JOHNSTOWN, CO 80534
03235	GARICK, LLC	13600 BROADWAY AVE	CLEVELAND, OH 44125
03343	GENESYS SPECIALTY GROUP	13559 BLACK RD	MORRISON, IL 61270
03365	GLOBAL ORGANICS, LLC	16121 W EDDIE ALBERT WAY	GOODYEAR, AZ 85338
03445	GREEN INDUSTRIES, INC	PO BOX 194	ITALY, TX 76651
03492 L/D	GREENPOINT AG, LLC	3724 STATE HWY D	CATRON, MO 63833
03493 L/D	GREENPOINT AG, LLC	6325 STATE HWY J	DEERING, MO 63840
03494 L/D	GREENPOINT AG, LLC	19303 STATE HWY 25 NORTH	KENNETT, MO 63857
03495 L/D	GREENPOINT AG, LLC	3017 N DOUGLAS	MALDEN, MO 63863
03496 L/D	GREENPOINT AG, LLC	230 STATE HWY T SOUTH	PORTAGEVILLE, MO 63873
03545	GROW MORE, INC	15600 NEW CENTURY DRIVE	GARDENA, CA 90248
03555	GROWER'S SECRET, INC	785 MARKET ST., STE. 600	SAN FRANCISCO, CA 94103
03625 L	PATRICK HAMMES	1436 HWY 34	BATAVIA, IA 52533
03685 L	HEARTY HARVEST LLC	PO BOX 74	KINGDOM CITY, MO 65262
03957 L/D	HOPKINS SEED & CHEMICAL INC	PO BOX 67	QULIN, MO 63961
03995	HUMATE TECHNOLOGIES, INC.	PO BOX 450669	GROVE, OK 74345
04073	INFINITY FERTILIZERS	6300 75TH AVE	MILAN, IL 61264
04175	JIFY PRODUCTS OF AMERICA, INC	5401 BAUMHART ROAD, STE B	LORAIN, OH 44053
04415	KOCH FERTILIZER CANADA, ULC	PO BOX 2900	WICHITA, KS 67201-2900
04575	KOCH NITROGEN COMPANY, LLC	205 RAILROAD AVENUE	GARRETSON, SD 57030
05435 D	PRODUCERS MFA AGRI-SERVICES	109 W 4TH	BRONAUGH, MO 64728
05625 D	PRODUCERS MFA AGRI-SERVICES	1200 SOUTH MAIN	EL DORADO SPRINGS, MO 64744
06065 L/D	PRODUCERS MFA AGRI-SERVICES	PO BOX 345	NEVADA, MO 64772
06315 D	PRODUCERS MFA AGRI-SERVICES	PO BOX 40	WALKER, MO 64790
06695 D	MOORE'S AG AND FARM	21502 BURLINGTON RD	CROCKER, MO 65452
06935	NATURE'S GUIDE	PO BOX 471549	FORT WORTH, TX 76147
07007	NEW ENGLAND FERTILIZER CO.	97 E. HOWARD ST	QUINCY, MA 02169
07025 L/D	NIEMEYER FAMILY FARMS	PO BOX 30	BOWLING GREEN, MO 63334
07213	OHP, INC.	791 QUEENS GATE WAY	WADSWORTH, OH 44281-8893
07345	OROS & BUSCH APPL. TECH. INC-BENTON	PO BOX 37	DEFIANCE, MO 63341
07355	OROS & BUSCH APPL. TECH., INC -BERR	PO BOX 37	DEFIANCE, MO 63341
07365	OROS & BUSCH APPL. TECH, INC-FRONTE	PO BOX 37	DEFIANCE, MO 63341
07367	OROS & BUSCH APPL. TECH., INC-FAYET	PO BOX 37	DEFIANCE, MO 63341
07375	OROS & BUSCH APPL. TECH., INC. GREE	PO BOX 37	DEFIANCE, MO 63341
07385 L	OROS & BUSCH APPL. TECH. INC-JOPLIN	PO BOX 37	DEFIANCE, MO 63341
07415	OROS & BUSCH APPL. TECH. INC-KANPAK	PO BOX 37	DEFIANCE, MO 63341
07425	OROS & BUSCH APPL. TECH, INC-ROGERS	PO BOX 37	DEFIANCE, MO 63341
07465	OXBOW FERTILIZER, LLC	1450 LAKE ROBBINS DR., STE 500 THE WOODLANDS, TX	77380-3252
07545	PEARL VALLEY ORGANIX	968 S KENT ROAD	PEAR CITY, IL 61062
07736 L/D	ORRICK FARM SVC-PLEASANT HILL GRAIN	105 WELSCH ST	PLEASANT HILL, MO 64080
07873	PROFILE PRODUCTS LLC	750 WEST LAKE COOK RD. STE. 440	BUFFALO GROVE, IL 60089
07935	QUIK GRO	PO BOX 309	PHILPOT, KY 42366
08115 D	REED DOZING & CONTRACTING, LLC	19935 E YATER RD	SHELDON, MO 64784
08125	REINDERS INC	PO BOX 837	EAU CLAIRE, WI 54702
08575 L/D	SERVICE AND SUPPLY COOP-JONESBERG	PO BOX 48	BELLFLOWER, MO 63333
08585 L/D	SERVICE AND SUPPLY COOP - RHINELAND	PO BOX 48	BELLFLOWER, MO 63333
08806	SOUTHERN ORGANICS & SUPPLY	PO BOX 25786	CHARLOTTE, NC 28229
09215	TENNESSEE FARMERS CO-OP	180 OLD NASHVILLE HIGHWAY	LAVERGNE, TN 37086-1983
09575 L	TERRA RENEWAL SERVICES. INC.	PO BOX 399	DARDANELLE, AR 72834
09935 L	TERRA RENEWAL SERVICES, INC-ST JOE	PO BOX 399	DARDANELLE, AR 72834
10126 D	THE HITGHING POST FARM SUPPLY & SAL	86 LANDON RD	BOURBON, MO 65441
10127	THE MASTER GARDNER COMPANY	5770 N BLACKSTOCK RD	SPARTANBURG, SC 29303
10146	TIGER-SUL PRODUCTS (CANADA) CO	64444 42 STREET SE	CALGARY, ALBERTA, CANADA T2C 2V1
10165 D	TRAIL RIDGE FARMS, INC	28171 HOLLY AVE	MALTA BEND, MO 65339
10173 L/D	TRI-COUNTY FEED & FERT, INC	777 MULBERRY	ST MARY, MO 63673
10174	TRUE ORGANIC PRODUCTS, INC	20225 WEST KAMM AVE	HELM, CA 93627
10275	UNITED FARMER'S MERCANTILE COOP	PO BOX 10	FARRUGUT, IA 51639
10645 L/D	WHITWORTH AG SPECIALTIES LLC	209 WEST AVE. C	WORTHINGTON, MO 63567



Agricultural Experiment Station  
University of Missouri-Columbia

Office of the Director  
Fertilizer Control Services

Columbia, MO 65211

PHONE (573) 882-3891

(573) 882-4891

FAX (573) 882-4543

**To: Missouri Fertilizer Distributors and Users**

**From: Fertilizer Control Service**

**Subject: Participation in the Association of American Plant Food Control Officials (AAPFCO)**

AAPFCO is an organization of fertilizer control officials from each state in the United States, Puerto Rico, and Canada who are actively engaged in the administration of state fertilizer laws and regulations; and, research workers employed by these governments who are engaged in any investigation concerning mixed fertilizers, fertilizer materials, their effect, and their component parts. Missouri Fertilizer Control and Experiment Station Chemical Lab staff participate and have active roles within AAPFCO for many years as officers and committee positions. Several years ago, working with the Fertilizer Institute and the International Plant Nutrition Institute (IPNI), AAPFCO adopted a policy on nutrient management planning that I want to share. The working title from IPNI was the 4-R's of Nutrient Management and the policy of fertilizer regulators is shared below, along with the positive environmental approach to the use of plant nutrients.

#### **SUPPORT FOR NUTRIENT MANAGEMENT PLANNING WHEN USING FERTILIZERS**

This policy statement affirms AAPFCO support for the comprehensive use of nutrient management planning (NMP) when using fertilizer products. AAPFCO works to ensure that regulations and legislation are sound from a scientific and agronomic perspective; pointing out that balanced nutrition, soil testing, nutrient use efficiency measures, and other tools are key to appropriate fertilizer use. We work closely with university and other organizations to achieve and advance these goals. We remain convinced that NMP is very site-specific. In certain areas soil testing and resultant nutrient application is more than adequate, but in sensitive watersheds, practices from precision agriculture, to appropriate timing and use of cover crops, to the use of advanced efficiency products may be necessary.

Soil, water and air are essential for growing food, and so are nutrients provided by fertilizers. The fertilizer control officials have a vested interest in promoting product stewardship to protect the environment and support the efficient use of plant nutrients. Our approach to nutrient management provides farmers with a variety of science-based best management practices (BMPs) promoting the use of the right product, applied at the right rate, right time and right place.

BMPs are designed to provide adequate nutrition for crops, while minimizing nutrient losses to the environment. The fertilizer industry partners with producers, government, university and private sector researchers to develop BMPs. These BMPs are articulated below:

## Best Management Practices (BMPs)

### Right Product (Match fertilizer type to crop needs)

- Soil Testing
- N, P, K, Secondary and Micronutrient
- Enhanced Efficiency Fertilizers
- Nutrient Management Planning

Select appropriate fertilizer and on-farm nutrient sources for the cropping system.

### Right Time (Make nutrients available when crops need them)

- Application Timing
- Controlled Release Technologies
- Inhibitors
- Fertilizer Product Choice

### Right Place (Keep nutrients where crops can use them)

- Application Method
- Incorporation of Fertilizer
- Buffer Strips
- Conservation Tillage
- Cover Cropping

### Right Rate (Match amount of fertilizer to crop needs)

- Soil Testing
- Yield Goal Analysis
- Crop Removal Balance
- Nutrient Management Planning
- Plant Tissue Analysis
- Applicator Calibration
- Crop Scouting
- Record Keeping
- Variable Rate Technology
- Site-Specific Management

## Making BMPs Work

Every farm and field is different. Farmers need to be able to select the BMPs that are best suited to regional and farm-specific conditions. Factors that may influence BMP selection include soil conditions, climate, topography and crops grown. With the help of experts such as Extension Agents and Certified Crop Advisers (CCAs), farmers can assess soil and environmental conditions on their individual farms and develop a customized nutrient management plan that incorporates the most appropriate BMPs. This flexibility is critical for farmers to maximize the economic and environmental benefits of adopting BMPs. Working in partnership with the farmers who manage the land is crucial to establish effective nutrient management practices. (Official 2009)

**MISSOURI  
FERTILIZER  
REPORT**

**Fertilizer Control Service  
Agricultural Experiment Station  
University of Missouri-Columbia  
Columbia, MO 65211-8080  
Volume 55, No. 1, June 2013**

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**This report also available on the web at:  
<http://aes.missouri.edu/pfcs/>**