



# MISSOURI FERTILIZER REPORT

Volume 53, No. 2

December, 2011

## REPORT OF ANALYSIS OF FERTILIZER SAMPLES COLLECTED

January 1 through June 30, 2011

### BAGGED FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
AGRI-NUTRIENTS, INC		CATOOSA, OK			
2318	5.0-10.0- 5.0	6.2	12.1	5.1	119.14
3089	12.0-12.0-12.0	14.2	13.1	13.4	113.33
2308	13.0-13.0-13.0	12.0	12.0	13.0	93.85*
3073	20.0-10.0-10.0	18.2	9.6	10.8	94.86*
#TOTALS - NO. SAMPLES		4 - SMPLS MISBRANDED	2 -		103.08
AGRILIANCE, LLC		ST PAUL, MN			
3589	12.0-12.0-12.0	12.3	12.1	11.8	101.00
3574	16.0- 6.0-16.0	15.8	6.2	15.7	99.50
#TOTALS - NO. SAMPLES		2 - SMPLS MISBRANDED	0 -		100.25
AMERICAN PLANT FOOD CORPORATION		GALENA PARK, TX			
3323**	13.0-13.0-13.0	12.3	12.4	16.3	101.08
3578**	13.0-13.0-13.0	13.2	12.3	13.9	99.85
3581**	13.0-13.0-13.0	12.9	11.8	14.0	97.54
#TOTALS - NO. SAMPLES		3 - SMPLS MISBRANDED	0 -		99.48
BAYER ADVANCED LLC		RESEARCH TRIANGLE PARK, NC			
3654	4.0- 7.0- 4.0	6.7	9.9	7.2	155.38
3655	4.0- 7.0- 4.0	5.8	7.6	6.6	128.46
3656	4.0- 7.0- 4.0	6.1	7.6	6.7	131.15
#TOTALS - NO. SAMPLES		3 - SMPLS MISBRANDED	0 -		138.33
BONNIE PLANTS		UNION SPRINGS, AL			
3189	8.0- 4.0- 4.0	7.5	3.4*	2.7*	87.50*
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED	1 -		87.50
CHEMSICO-DIV, OF UNITED INDUSTRIES		ST LOUIS, MO			
3140**	20.0-27.0- 5.0	21.2	28.9	4.2*	105.45
3478	20.0-27.0- 5.0	21.8	27.2	5.5	104.55
2188	24.0- 0.0-12.0	21.8*	0.0	12.0	92.67*
3639	24.0- 3.0-12.0	22.1	2.5*	12.5	93.48*
2356	29.0- 3.0- 3.0	29.4	3.3	3.2	102.39
2182**	30.0- 3.0- 3.0	29.3	2.6*	3.6	97.68
3142	36.0- 0.0- 4.0	36.5	0.0	3.8	101.05

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
CHEMSICO-DIV, OF UNITED INDUSTRIES		ST LOUIS, MO			
2236**	36.0- 3.0- 4.0	34.9	3.0	5.5	99.15
#TOTALS - NO. SAMPLES		12 - SMPLS MISBRANDED	5 -		100.55
CHOUTEAU LIME CO, INC		PRYOR, OK			
3575	13.0-13.0-13.0	17.2	14.3	14.4	119.08
#TOTALS - NO. SAMPLES		7 - SMPLS MISBRANDED	0 -		107.82
EASY GARDENER INC		WOMELSDORF, PA			
3250	13.0- 4.0- 5.0	13.8	6.1	8.2	123.08
3249	15.0- 3.0- 3.0	16.5	5.0	4.8	122.56
#TOTALS - NO. SAMPLES		2 - SMPLS MISBRANDED	0 -		122.82
EAU CLAIRE COOP COMPANY		EAU CLAIRE, WI			
3090	10.0-10.0-10.0	9.5	9.5	10.3	96.60*
3865	10.0-18.0- 6.0	9.2	16.6	6.4	93.55*
3740	16.0- 0.0- 6.0	14.4	0.0	6.6	93.16*
3153**	26.0- 0.0- 3.0	23.8*	0.0	3.8	93.45*
3147**	28.0- 0.0- 3.0	26.7	0.0	3.3	96.10*
3866	28.0- 0.0- 3.0	26.1	0.0	3.4	94.24*
3127**	30.0- 2.0- 3.0	30.0	2.2	3.5	101.34
3128**	30.0- 2.0- 3.0	28.4	2.2	4.2	97.61
#TOTALS - NO. SAMPLES		12 - SMPLS MISBRANDED	6 -		98.11
J. ECKSTEIN ENTERPRISES, LLC		BEAUFORT, MO			
2872	12.0-12.0-12.0	12.3	11.6	11.5	98.83
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED	0 -		98.83
ENVIRO-SAFE LABORATORIES, INC.		OXFORD, FL			
#TOTALS - NO. SAMPLES		2 - SMPLS MISBRANDED	0 -		112.60
FREE FLOW FERTILIZER		MAUMEE, OH			
3739	24.0- 0.0- 7.0	22.5	0.0	7.9	96.18*
3737	28.0- 0.0- 3.0	28.2	0.0	4.1	102.54
#TOTALS - NO. SAMPLES		2 - SMPLS MISBRANDED	1 -		99.47

The University of Missouri-Columbia is an equal opportunity institution.

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	
GREEN COUNTRY SOILS, INC					
		MIAMI, OK			
3481	0.0- 0.0- 0.0	0.5	0.5	0.4	960.00
3482	0.0- 0.0- 0.0	0.3	0.3	0.2	560.00
3483	0.0- 0.0- 0.0	0.3	0.2	0.2	480.00
3484	0.0- 0.0- 0.0	0.3	0.2	0.2	480.00
#TOTALS - NO. SAMPLES		4	- SMPLS MISBRANDED 0		620.00

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
GRO TEC, INC					
		COVINGTON, GA			
2253**	1.0- 0.0- 1.0	1.3	0.0	1.3	130.00
3097	6.0-10.0-10.0	5.8	9.2	10.2	95.71*
3600	6.0-10.0-10.0	5.8	9.2	9.1	93.10*
3601	6.0-10.0-10.0	5.6	8.6*	9.3	89.76*
3602	6.0-10.0-10.0	11.0	14.5	11.6	149.05
3603	6.0-10.0-10.0	6.1	10.7	10.2	104.29
3604	6.0-10.0-10.0	5.7	8.5*	9.7	90.71*
3605	6.0-10.0-10.0	6.8	11.7	8.3*	107.86
3657	6.0-12.0- 0.0	6.4	15.4	0.0	121.11
3658	6.0-12.0- 0.0	6.6	14.8	0.0	118.89
3596	8.0-12.0- 4.0	8.0	12.3	4.0	101.36
3597	8.0-12.0- 4.0	7.6	11.3	3.9	94.77*
3598	8.0-12.0- 4.0	9.1	12.6	4.2	108.18
3599	8.0-12.0- 4.0	9.0	14.5	4.2	116.36
3591	9.0-12.0-12.0	8.8	11.0	12.6	96.67*
3592	9.0-12.0-12.0	9.1	11.7	12.4	100.00
3593	9.0-12.0-12.0	8.9	10.9	11.7	95.00*
3594	9.0-12.0-12.0	9.0	11.5	12.3	98.70
3595	9.0-12.0-12.0	9.0	11.9	11.3	98.33
3644	15.0- 3.0- 3.0	16.2	5.0	3.9	118.72
3645	15.0- 3.0- 3.0	16.2	7.0	5.5	133.08
3646	15.0- 3.0- 3.0	17.4	4.0	4.6	121.54
3647	15.0- 3.0- 3.0	15.9	6.0	4.2	123.08
3730	15.0- 3.0- 3.0	15.2	4.0	6.1	114.10
2359**	18.0-24.0- 6.0	17.9	24.2	5.8	100.00
3141**	18.0-24.0- 6.0	17.6	24.0	5.9	99.00
3642**	18.0-24.0- 6.0	18.0	28.3	3.6*	106.89
3643	18.0-24.0- 6.0	16.4	22.2	6.2	92.67*
3792	18.0-24.0- 6.0	18.6	27.3	5.4	108.00
3149	28.0- 0.0- 3.0	32.5	0.0	2.9	115.08
3736	28.0- 0.0- 3.0	26.8	0.0	3.2	96.27*
2375	28.0- 0.0- 4.0	28.8	0.0	4.4	103.33
2376	28.0- 0.0- 4.0	28.0	0.0	4.8	101.33
3151	28.0- 0.0- 4.0	28.4	0.0	4.9	102.83
3152	28.0- 0.0- 4.0	28.3	0.0	4.0	101.00
3797	28.0- 0.0- 4.0	28.3	0.0	4.3	101.50
2244	29.0- 0.0- 4.0	28.1	0.0	3.9	96.94*
2372**	29.0- 0.0- 5.0	28.7	0.0	4.9	98.89
3146**	29.0- 0.0- 5.0	29.4	0.0	5.2	101.59
2370	30.0- 0.0- 3.0	30.7	0.0	3.3	102.70
#TOTALS - NO. SAMPLES		49	- SMPLS MISBRANDED 15		103.09

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
HOWARD JOHNSON'S ENT, INC					
		MILWAUKEE, WI			
2185	10.0- 0.0-10.0	8.6*	0.0	10.0	90.67*
2186	10.0- 0.0-10.0	9.2	0.0	9.2	92.00*
2251	10.0- 0.0-10.0	8.2*	0.0	9.2	85.33*
2252	10.0- 0.0-10.0	8.7*	0.0	11.4	96.00*
2387	10.0- 0.0-10.0	11.3	0.0	10.9	111.67
2621	10.0- 0.0-10.0	9.4	0.0	10.4	97.33
3163	10.0- 0.0-10.0	7.8*	0.0	13.4	96.67*
3164	10.0- 0.0-10.0	9.2	0.0	9.8	94.00*
3490	10.0- 0.0-10.0	9.3	0.0	10.1	95.67*
3666	10.0- 0.0-10.0	9.3	0.0	9.6	94.00*
3710	10.0- 0.0-10.0	10.5	0.0	10.5	105.00
3743	10.0- 0.0-10.0	11.8	0.0	9.6	110.67
3800	10.0- 0.0-10.0	9.7	0.0	10.4	99.33
3709	10.0- 6.0- 4.0	11.1	6.7	4.5	111.39
3793	10.0- 6.0- 4.0	10.9	6.9	4.1	110.28
2313	10.0-10.0-10.0	9.4	7.8*	14.8	98.40
2316	10.0-10.0-10.0	10.3	10.0	11.4	104.00
2317	10.0-10.0-10.0	9.7	9.2	10.4	96.40*
3711	10.0-20.0-10.0	10.6	20.8	10.3	104.43
2248**	12.0- 0.0- 4.0	11.5	0.0	4.5	98.21
2003	12.0- 0.0-12.0	12.8	0.0	12.2	105.00
2187	12.0- 0.0-12.0	8.0*	0.0	10.5*	73.61*

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
HOWARD JOHNSON'S ENT, INC					
		MILWAUKEE, WI			
2249	12.0- 0.0-12.0	10.1*	0.0	10.0*	83.89*
2250	12.0- 0.0-12.0	12.6	0.0	12.9	105.83
2386	12.0- 0.0-12.0	10.6*	0.0	11.0	89.44*
3161	12.0- 0.0-12.0	11.8	0.0	12.4	100.00
3162	12.0- 0.0-12.0	10.0*	0.0	11.9	88.61*
3488	12.0- 0.0-12.0	11.6	0.0	12.0	97.78
3489	12.0- 0.0-12.0	9.7*	0.0	10.2*	82.22*
3665	12.0- 0.0-12.0	10.6*	0.0	10.8	88.89*
3741	12.0- 0.0-12.0	10.6*	0.0	12.1	92.50*
3742	12.0- 0.0-12.0	11.3	0.0	13.2	99.44
3799	12.0- 0.0-12.0	11.9	0.0	12.7	101.39
2309**	12.0- 8.0- 8.0	11.5	7.0*	8.8	95.42*
1998	12.0-12.0-12.0	11.6	12.1	11.6	98.33
1999	12.0-12.0-12.0	10.5*	11.0	11.3	90.50*
2072	12.0-12.0-12.0	11.4	10.4*	10.8	90.67*
2074	12.0-12.0-12.0	10.6*	10.4*	11.8	89.67*
2311	12.0-12.0-12.0	11.0	10.6*	12.4	92.67*
2312	12.0-12.0-12.0	11.0	10.6*	11.2	90.67*
2690	12.0-12.0-12.0	10.6*	10.0*	11.0	87.00*
3324	12.0-12.0-12.0	11.7	12.2	11.9	99.50
3432	12.0-12.0-12.0	12.7	12.6	12.3	104.83
3433	12.0-12.0-12.0	11.4	11.4	12.2	96.33*
3434	12.0-12.0-12.0	11.5	12.1	12.4	99.33
3435	12.0-12.0-12.0	11.6	11.4	12.2	97.00
3436	12.0-12.0-12.0	11.5	10.8	12.0	94.33*
3437	12.0-12.0-12.0	12.3	12.4	14.4	106.33
3438	12.0-12.0-12.0	11.4	10.2*	10.9	90.17*
3584	12.0-12.0-12.0	13.1	13.1	12.8	108.67
3585	12.0-12.0-12.0	13.6	13.6	12.5	111.50
3587	12.0-12.0-12.0	13.6	13.2	12.6	110.33
3590	12.0-12.0-12.0	13.2	14.1	10.2*	108.00
3704	12.0-12.0-12.0	11.4	10.7*	11.8	93.33*
3706	12.0-12.0-12.0	10.9	12.0	12.4	97.00
3708	12.0-12.0-12.0	11.6	11.5	12.0	97.00
2225**	12.0-20.0- 6.0	12.3	20.5	7.2	104.00
2071	13.0-13.0-13.0	11.9	10.4*	14.3	90.62*
2864	13.0-13.0-13.0	13.5	12.8	13.4	101.54
3087	13.0-13.0-13.0	12.8	12.3	13.8	98.46
3703	13.0-13.0-13.0	11.8	11.9	14.4	95.08*
2385**	15.0- 0.0- 5.0	14.4	0.0	5.0	96.57*
3160**	15.0- 0.0- 5.0	15.0	0.0	5.2	100.57
2305**	15.0- 5.0-10.0	15.3	4.8	10.8	102.00
2240**	16.0- 2.0- 2.0	13.5*	0.2*	2.0	77.37*
2383**	18.0- 0.0-12.0	17.9	0.0	12.7	101.04
1997**	18.0- 3.0-15.0	18.1	3.3	15.2	101.75
2239	18.0-24.0-12.0	17.8	24.0	12.1	99.69
2730	19.0- 0.0- 5.0	20.2	0.0	3.8*	102.79
2358**	21.0- 8.0- 8.0	21.6	8.6	8.0	103.64
3158**	22.0- 0.0- 8.0	19.4*	0.0	9.1	92.12*
2380**	23.0- 0.0- 8.0	21.2	0.0	8.8	94.81*
3157**	23.0- 0.0- 8.0	19.2*	0.0	10.3	90.19*
2111**	23.0- 3.0- 8.0	22.2	3.1	8.4	98.33
3345**	23.0- 3.0- 8.0	22.7	3.6	8.8	102.33
3346**	23.0- 3.0- 8.0	22.4	3.0	8.2	98.33
3475**	23.0- 3.0- 8.0	24.7	3.5	7.6	106.67
3476**	23.0- 3.0- 8.0	24.3	3.4	7.7	105.17
3640**	23.0- 3.0- 8.0	22.0	3.0	8.9	98.17
2246	24.0- 0.0- 4.0	19.7*	0.0	4.9	85.19*
2115	26.0- 0.0- 3.0	25.8	0.0	3.1	99.45
1996**	26.0- 3.0- 4.0	24.0	2.6*	4.6	93.23*
2108**	26.0- 3.0- 4.0	25.7	3.1	4.6	100.32
2109**	26.0- 3.0- 4.0	24.3	2.6*	4.4	93.87*
2729**	26.0- 3.0- 4.0	23.8*	3.0	4.8	94.19*
3130**	26.0- 3.0- 4.0	25.6	3.5	4.5	101.13
3131**	26.0- 3.0- 4.0	25.2	3.1	4.2	98.06
3132**	26.0- 3.0- 4.0	25.2	3.2	4.2	98.39
3133**	26.0- 3.0- 4.0	25.5	3.0	4.5	99.19
3134**	26.0- 3.0- 4.0	24.4	3.0	4.7	95.97*
3135**	26.0- 3.0- 4.0	24.6	3.0	5.0	97.10
3136**	26.0- 3.0- 4.0	24.5	3.0	4.4	95.81*
3343**	26.0- 3.0- 4.0	25.7	3.2	4.2	100.00
3344**	26.0- 3.0- 4.0	26.0	3.3	4.1	101.13

## BAGGED FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
HOWARD JOHNSON'S ENT, INC MILWAUKEE, WI					
3474	26.0- 3.0- 4.0	25.3	3.3	4.6	99.68
3629**	26.0- 3.0- 4.0	25.0	3.3	4.3	98.23
3630**	26.0- 3.0- 4.0	25.4	3.2	4.2	99.03
3631	26.0- 3.0- 4.0	25.0	3.0	4.3	97.26
3632**	26.0- 3.0- 4.0	25.2	3.1	4.4	98.39
3633**	26.0- 3.0- 4.0	25.3	3.0	4.4	98.39
3634**	26.0- 3.0- 4.0	24.8	3.0	4.3	96.61*
3635**	26.0- 3.0- 4.0	25.4	3.2	4.2	99.03
3636**	26.0- 3.0- 4.0	24.9	3.0	4.0	96.45*
3637**	26.0- 3.0- 4.0	26.3	3.0	4.1	101.13
3638**	26.0- 3.0- 4.0	25.4	2.7	4.2	97.42
1995**	28.0- 3.0- 4.0	27.5	2.9	4.4	98.79
3473	28.0- 3.0-10.0	26.7	3.3	11.8	99.72
2243**	30.0- 0.0- 3.0	29.2	0.0	3.0	97.46
3805	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES 141 - SMPLS MISBRANDED 64 - 96.88					
HYPONEX CORPORATION MARYSVILLE, OH					
3661	0.0- 0.0- 0.0	0.6	0.2	0.1	680.00
2874	10.0-10.0-10.0	10.9	9.4	9.2	99.60
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 1 - 95.46					
JUNGLE GROWTH, LLC STATHAM, GA					
3479**	11.0- 2.0- 3.0	11.2	2.8	4.2	111.03
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 111.03					
KNOX FERTILIZER COMPANY, INC KNOX, IN					
2191	30.0- 0.0- 3.0	29.7	0.0	2.8	98.73
2192	30.0- 0.0- 3.0	30.6	0.0	3.3	102.38
2368	30.0- 0.0- 3.0	28.0	0.0	4.0	95.24*
2369	30.0- 0.0- 3.0	29.3	0.0	3.3	98.25
3735	30.0- 0.0- 3.0	28.5	0.0	3.7	96.35*
3795	30.0- 0.0- 3.0	31.5	0.0	3.2	105.08
#TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 2 - 99.33					
LEBANON SEABOARD CORPORATION LEBANON, PA					
2381	22.0- 0.0- 4.0	22.6	0.0	3.3*	101.04
2382**	22.0- 0.0- 4.0	18.8*	0.0	9.0	97.08
2379**	24.0- 0.0-12.0	20.8*	0.0	13.5	91.83*
3154	25.0- 0.0- 8.0	23.3	0.0	8.5	95.00*
2366**	30.0- 0.0- 3.0	23.5*	0.0	3.5	80.16*
2367**	30.0- 0.0- 3.0	25.0*	0.0	3.4	84.76*
3144**	30.0- 0.0- 3.0	34.8	0.0	3.5	116.03
#TOTALS - NO. SAMPLES 7 - SMPLS MISBRANDED 6 - 94.86					
LESCO, INC CLEVELAND, OH					
2537**	24.0- 0.0-11.0	21.0*	0.0	13.0	93.22*
3155**	24.0- 0.0-11.0	23.0	0.0	13.2	100.34
3486	24.0- 0.0-11.0	20.8*	0.0	12.3	91.36*
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 2 - 94.97					
LILLY MILLER BRANDS SALEM, VA					
3257**	4.0-10.0-10.0	3.8	9.6	10.5	98.16
3534	5.0- 1.0- 1.0	5.0	1.4	1.9	113.08
3535	5.0- 1.0- 1.0	5.1	2.1	1.9	125.38
3246	15.0-30.0-15.0	15.0	29.5	15.3	99.33
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 0 - 103.40					
MAC PREMIUM PRODUCTS, INC VALLEY, NE					
3480	10.0-24.0-18.0	11.1	26.6	18.2	108.84
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 108.84					
MADISON COUNTY FARM SUPPLY FREDERICKTOWN, MO					
2875	6.0-24.0-24.0	10.4	25.3	22.0	111.19
2867**	12.0-12.0-12.0	12.4	13.7	11.4	106.00
2868**	12.0-12.0-12.0	10.6*	9.6*	12.4	88.00*
3705**	12.0-12.0-12.0	10.0*	10.6*	12.5	89.50*
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 2 - 99.40					
ROD MCLELLAN INDEPENDENCE, OR					
3732**	4.0- 2.0- 3.0	4.3	1.1*	3.7	96.67*
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 96.67					

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA PLANT FOODS COLUMBIA, MO					
2602**	6.0-24.0-24.0	10.2	25.6	22.0	111.43
2876**	6.0-24.0-24.0	9.6	24.4	24.9	110.60
3092	6.0-24.0-24.0	9.7	24.4	25.0	110.95
3094	6.0-24.0-24.0	10.0	25.4	23.0	111.67
3095	6.0-24.0-24.0	9.5	24.4	24.0	109.29
3096	6.0-24.0-24.0	9.3	24.0	23.6	107.38
3330	6.0-24.0-24.0	8.9	22.9	24.5	104.88
3331	6.0-24.0-24.0	6.1	23.5	24.7	99.88
3332	6.0-24.0-24.0	10.0	25.8	24.6	114.52
3441**	6.0-24.0-24.0	9.2	24.0	22.4	105.71
3442**	6.0-24.0-24.0	9.0	23.2	25.6	107.14
3606	6.0-24.0-24.0	8.7	21.7*	26.7	104.17
3609	6.0-24.0-24.0	10.4	25.8	22.4	112.86
3610	6.0-24.0-24.0	10.4	25.8	23.5	114.17
3612	6.0-24.0-24.0	9.0	22.4	26.3	106.07
3613	6.0-24.0-24.0	10.4	26.3	19.0*	110.00
3864	6.0-24.0-24.0	9.7	25.0	24.2	111.43
2600**	13.0-13.0-13.0	11.2*	14.3	13.2	98.77
2866**	13.0-13.0-13.0	11.1*	13.9	11.8	95.08*
3080	13.0-13.0-13.0	12.6	14.1	11.9	100.46
3081	13.0-13.0-13.0	15.2	13.3	10.4*	103.69
3082	13.0-13.0-13.0	12.2	13.7	13.0	99.69
3083	13.0-13.0-13.0	13.3	14.1	12.7	103.85
3084	13.0-13.0-13.0	17.2	13.2	10.3*	109.38
3085	13.0-13.0-13.0	14.5	14.8	13.8	111.38
3223**	13.0-13.0-13.0	16.9	16.2	13.4	122.46
3320	13.0-13.0-13.0	13.6	13.5	13.1	103.54
3321	13.0-13.0-13.0	11.7	11.7	13.3	92.46*
3322	13.0-13.0-13.0	13.4	14.1	15.0	107.69
3429**	13.0-13.0-13.0	13.8	14.7	12.8	107.38
3430**	13.0-13.0-13.0	15.9	15.1	9.8*	110.46
3431**	13.0-13.0-13.0	12.2	12.8	14.4	99.08
3576	13.0-13.0-13.0	11.5*	13.3	16.8	102.15
3577	13.0-13.0-13.0	12.5	13.2	13.4	99.69
3579	13.0-13.0-13.0	14.4	15.9	12.1	111.85
3580	13.0-13.0-13.0	14.6	16.2	11.4*	112.31
3582	13.0-13.0-13.0	11.9	13.6	16.0	103.08
3813	13.0-13.0-13.0	15.2	12.3	13.2	104.92
3815	13.0-13.0-13.0	13.5	11.3*	16.0	100.92
3222**	18.0-18.0-18.0	15.8*	19.0	17.9	97.22
2493	20.0-10.0-10.0	23.4	10.0	9.4	108.86
2599	20.0-10.0-10.0	18.0	11.6	10.8	100.00
3068	20.0-10.0-10.0	19.5	10.2	8.0*	96.29*
3069	20.0-10.0-10.0	19.7	10.9	11.3	103.57
3070	20.0-10.0-10.0	16.7*	9.9	11.5	92.43*
3074	20.0-10.0-10.0	18.2	9.7	11.2	95.71*
3319	20.0-10.0-10.0	21.2	11.4	12.1	110.43
3424	20.0-10.0-10.0	18.7	9.6	12.0	98.00
3571	20.0-10.0-10.0	20.9	11.4	10.4	107.14
3812	20.0-10.0-10.0	25.0	9.4	8.0*	109.71
3044	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
3045	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
3046	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
3047	46.0- 0.0- 0.0	45.6	0.0	0.0	99.13
3538	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
3539	46.0- 0.0- 0.0	45.9	0.0	0.0	99.78
3540	46.0- 0.0- 0.0	45.1	0.0	0.0	98.04
3803	46.0- 0.0- 0.0	46.0	0.0	0.0	100.00
3804	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
#TOTALS - NO. SAMPLES 71 - SMPLS MISBRANDED 19 - 104.88					
MILWAUKEE METROPOLITAN SEWERAGE DIST. MILWAUKEE, WI					
2000**	5.0- 2.0- 0.0	5.5	3.9	0.0	134.29
2184**	5.0- 2.0- 0.0	5.3	4.1	0.0	134.29
2242**	5.0- 2.0- 0.0	5.3	4.1	0.0	134.29
2363**	5.0- 2.0- 0.0	5.8	3.9	0.0	138.57
2622**	5.0- 2.0- 0.0	5.4	3.9	0.0	132.86
3485**	5.0- 2.0- 0.0	5.6	3.5	0.0	130.00
3659**	5.0- 2.0- 0.0	6.0	3.7	0.0	138.57
3660**	5.0- 2.0- 0.0	5.5	3.7	0.0	131.43
#TOTALS - NO. SAMPLES 11 - SMPLS MISBRANDED 0 - 136.23					

## BAGGED FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MIRACLE-GRO LAWN PRODUCTS INC		MARYSVILLE, OH			
3649	6.0-12.0- 6.0	6.6	14.0	5.8	111.90
3650	6.0-12.0- 6.0	6.1	13.1	5.8	105.24
3651	6.0-12.0- 6.0	5.8	13.4	6.4	106.67
3652	6.0-12.0- 6.0	5.8	15.2	6.5	115.48
3653	6.0-12.0- 6.0	6.2	14.0	5.8	110.00
3731	6.0-12.0- 6.0	7.8	15.0	4.9*	120.24
3517	7.0- 7.0- 7.0	7.2	7.6	7.7	106.57
3518	7.0- 7.0- 7.0	7.3	7.5	7.8	106.86
3519	7.0- 7.0- 7.0	6.8	7.5	7.7	103.71
3520	7.0- 7.0- 7.0	7.2	7.5	7.7	106.00
3521	7.0- 7.0- 7.0	7.3	7.5	7.8	106.86
3686	7.0- 7.0- 7.0	7.5	7.5	7.7	107.71
3522	8.0- 7.0- 6.0	7.5	7.6	6.6	102.22
3523	8.0- 7.0- 6.0	7.9	7.8	6.3	104.72
3524	8.0- 7.0- 6.0	7.5	7.6	6.6	102.22
3525	8.0- 7.0- 6.0	7.6	7.7	6.2	102.22
3526	8.0- 7.0- 6.0	7.9	7.6	6.6	104.44
3687	8.0- 7.0- 6.0	8.2	7.7	6.3	105.83
3527	12.0- 4.0- 8.0	12.5	4.2	7.5	102.25
3528	12.0- 4.0- 8.0	12.3	4.3	8.2	103.50
3529	12.0- 4.0- 8.0	12.3	4.3	8.2	103.50
3530	12.0- 9.0- 6.0	12.7	9.0	6.2	103.33
3531	12.0- 9.0- 6.0	13.2	9.4	6.0	106.67
3688	12.0- 9.0- 6.0	12.5	9.1	6.3	103.13
3565	15.0-30.0-15.0	15.5	31.0	16.0	103.81
3566	15.0-30.0-15.0	15.6	30.2	16.1	102.57
3570	15.0-30.0-15.0	16.2	31.2	15.0	104.57
3702	15.0-30.0-15.0	15.9	30.6	15.7	103.52
3559	18.0-18.0-21.0	18.3	18.8	21.7	103.12
3560	18.0-18.0-21.0	18.9	18.4	21.1	102.90
3561	18.0-18.0-21.0	19.0	18.7	21.7	104.41
3563	18.0-24.0-16.0	19.6	24.8	16.2	105.00
3564	18.0-24.0-16.0	20.5	23.7	15.6	104.00
3700	18.0-24.0-16.0	20.2	24.0	16.3	104.70
3699**	20.0-20.0-20.0	21.0	20.2	20.0	102.40
3553	24.0- 8.0-16.0	23.3	9.0	17.8	103.00
3554	24.0- 8.0-16.0	25.1	8.2	15.6	102.75
3556	24.0- 8.0-16.0	23.8	8.6	16.8	102.00
3557	24.0- 8.0-16.0	23.5	8.9	17.2	102.50
3698	24.0- 8.0-16.0	25.6	7.8	15.5	102.88
3548	30.0-10.0-10.0	29.5	10.9	12.0	103.11
3549	30.0-10.0-10.0	29.8	10.7	11.8	103.11
3550	30.0-10.0-10.0	34.9	8.6*	7.6*	105.11
3551	30.0-10.0-10.0	35.2	8.3*	7.1*	104.56
3552	30.0-10.0-10.0	34.8	7.9*	7.5*	103.22
#TOTALS - NO. SAMPLES		46 - SMPLS MISBRANDED		4 -	104.54
MONTY'S PLANT FOOD CO, INC		LOUISVILLE, KY			
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED		0 -	110.53
OAKLEY FERTILIZER, INC		BEEBE, AR			
3091	6.0-24.0-24.0	5.0*	21.4*	28.1	96.31*
2307	13.0-13.0-13.0	13.2	9.0*	16.8	94.15*
3076	13.0-13.0-13.0	12.7	10.5*	15.0	94.46*
3077	13.0-13.0-13.0	13.5	10.8*	14.9	97.69
3078	13.0-13.0-13.0	13.2	10.7*	15.4	97.23
3079	13.0-13.0-13.0	12.6	10.2*	15.9	94.62*
3086	13.0-13.0-13.0	14.1	12.4	16.4	106.77
3426	13.0-13.0-13.0	13.3	10.1*	15.6	96.00*
3427	13.0-13.0-13.0	13.6	11.4*	15.8	101.23
#TOTALS - NO. SAMPLES		10 - SMPLS MISBRANDED		9 -	96.78
ORGANIC NUTRIENT SOLUTIONS, INC		MILFORD, NE			
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED		1 -	88.88
PMI NUTRITION INTERNATIONAL LLC		BRENTWOOD, MO			
2362	3.0- 1.0- 5.0	3.2	2.0	4.4*	113.85
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED		1 -	113.85
PMI NUTRITION INTERNATIONAL, LLC		ST JOSEPH, MO			
3733	3.0- 1.0- 5.0	3.3	1.8	6.0	124.62

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
PMI NUTRITION INTERNATIONAL, LLC		ST JOSEPH, MO			
3734	3.0- 3.0- 3.0	3.8	2.4*	2.9	102.00
#TOTALS - NO. SAMPLES		2 - SMPLS MISBRANDED		1 -	112.50
R & M FEED - PARTS CENTER		POTOSI, MO			
2688	12.0-12.0-12.0	14.6	14.0	12.8	116.67
3583	12.0-12.0-12.0	10.3*	10.2*	12.2	88.67*
#TOTALS - NO. SAMPLES		2 - SMPLS MISBRANDED		1 -	102.66
SCHULTZ COMPANY		BRIDGETON, MO			
3190**	2.0- 7.0- 7.0	2.8	8.6	8.4	124.80
3194**	8.0-14.0- 9.0	8.4	15.3	10.1	108.49
2314	10.0-10.0-10.0	11.5	10.6	11.2	110.80
2496	10.0-10.0-10.0	12.1	12.8	10.6	120.80
2873	10.0-10.0-10.0	10.9	9.9	10.6	104.40
3439	10.0-10.0-10.0	10.7	9.7	10.2	102.00
3196**	10.0-15.0-10.0	11.0	16.4	10.6	109.00
3197**	10.0-15.0-10.0	10.8	16.2	10.7	107.83
3198**	10.0-15.0-10.0	10.6	16.5	10.6	108.00
3558	19.0-31.0-17.0	19.3	30.8	16.4	99.66
#TOTALS - NO. SAMPLES		12 - SMPLS MISBRANDED		2 -	106.51
SCOTTS MIRACLE-GRO PRODUCTS INC		MARYSVILLE, OH			
3191	4.0-12.0- 4.0	4.2	12.3	4.4	103.89
3256**	6.0-12.0- 6.0	5.6	13.8	7.0	109.05
3192**	7.0- 7.0- 7.0	7.2	7.4	7.8	105.71
3193**	8.0- 7.0- 6.0	8.2	7.5	6.3	104.72
3199**	12.0- 4.0- 8.0	11.9	4.0	7.6	98.50
3562	18.0-18.0-21.0	20.1	17.8	20.7	103.76
3219	24.0- 8.0-16.0	26.0	8.4	14.8	104.50
3220**	24.0- 8.0-16.0	23.4	8.6	17.5	101.88
3555	24.0- 8.0-16.0	24.3	9.2	16.8	104.75
3217**	30.0-10.0-10.0	29.4	11.4	12.1	104.11
#TOTALS - NO. SAMPLES		10 - SMPLS MISBRANDED		0 -	103.98
SPECTRUM GROUP, DIV OF UNITED IND		ST LOUIS, MO			
2315	10.0-10.0-10.0	10.6	9.2	9.4	98.00
3195**	10.0-10.0-10.0	10.9	10.8	10.9	108.60
2306	13.0-13.0-13.0	13.7	13.8	14.4	106.77
2495	13.0-13.0-13.0	13.4	13.4	14.3	104.46
2865	13.0-13.0-13.0	14.4	13.4	14.0	107.08
2533	20.0-27.0- 5.0	20.4	26.0	7.2	101.01
#TOTALS - NO. SAMPLES		14 - SMPLS MISBRANDED		1 -	106.72
SWISS FARMS PRODUCTS INC		LAS VEGAS, NV			
3255	9.0- 9.0- 6.0	8.9	9.3	6.6	102.38
3648**	12.0- 5.0- 7.0	12.8	4.7	7.7	104.15
3252**	12.0- 6.0-10.0	11.8	7.8	13.0	113.48
3253**	12.0-10.0- 5.0	14.4	13.2	5.8	124.49
3065**	15.0-30.0-15.0	14.8	30.6	16.2	101.90
3247	15.0-30.0-15.0	14.4	29.2	17.4	99.62
3567	15.0-30.0-15.0	17.8	30.0	13.6	104.00
3568	15.0-30.0-15.0	16.6	30.5	15.0	104.00
3569	15.0-30.0-15.0	15.5	30.6	15.7	102.76
3701	15.0-30.0-15.0	16.0	29.9	16.2	102.86
3248**	16.0- 4.0- 8.0	11.0*	3.0*	12.4	84.17*
3221**	24.0- 8.0-16.0	24.1	9.6	16.9	105.38
2373	28.0- 0.0- 3.0	29.7	0.0	3.8	107.12
2536**	29.0- 0.0- 4.0	29.4	0.0	5.8	104.19
#TOTALS - NO. SAMPLES		15 - SMPLS MISBRANDED		2 -	103.34
T AND N INC		FORISTELL, MO			
2497	6.0-24.0-24.0	6.2	23.6	22.4	97.62
2498	6.0-24.0-24.0	6.3	24.4	23.7	101.31
3093	6.0-24.0-24.0	6.2	23.7	23.9	99.64
3329	6.0-24.0-24.0	10.6	27.5	19.7*	114.17
3607	6.0-24.0-24.0	6.4	24.3	24.1	101.79
3608	6.0-24.0-24.0	5.8	23.5	24.0	98.33
3611	6.0-24.0-24.0	5.9	23.2	24.3	98.21
2226	10.0-20.0-10.0	10.8	21.5	10.7	107.57
3440	10.0-20.0-10.0	10.2	20.3	10.5	102.14
2073	12.0-12.0-12.0	12.2	13.0	12.6	105.00
2224	12.0-12.0-12.0	11.5	11.1	12.0	95.33*

## BAGGED FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
T AND N INC		FORISTELL, MO			
2689	12.0-12.0-12.0	10.2*	11.3	10.4*	89.00*
2869	12.0-12.0-12.0	9.0*	7.3*	12.4	75.00*
2870	12.0-12.0-12.0	12.7	12.4	12.2	104.00
2871	12.0-12.0-12.0	10.9	11.1	11.4	92.33*
3325	12.0-12.0-12.0	11.8	11.9	11.4	98.00
3586	12.0-12.0-12.0	13.0	13.6	12.8	110.00
3588	12.0-12.0-12.0	12.4	12.5	11.8	102.67
3707	12.0-12.0-12.0	12.1	12.9	12.9	104.83
2222	13.0-13.0-13.0	13.3	13.2	12.3	100.46
2223	13.0-13.0-13.0	12.0	12.9	12.9	96.46*
2494	13.0-13.0-13.0	12.4	11.9	12.8	94.46*
2862	13.0-13.0-13.0	12.1	12.4	12.8	95.08*
2863	13.0-13.0-13.0	11.8	11.4*	11.6*	99.23*
3428	13.0-13.0-13.0	12.9	13.0	13.5	100.46
3814	13.0-13.0-13.0	12.8	13.4	14.1	102.31
2112	20.0-10.0-10.0	20.8	10.2	9.6	102.29
2492	20.0-10.0-10.0	19.8	10.0	10.3	99.86
2687	20.0-10.0-10.0	20.6	11.1	10.2	105.14
3071	20.0-10.0-10.0	19.3	10.2	10.1	98.71
3072	20.0-10.0-10.0	20.3	10.2	10.2	101.71
3425	20.0-10.0-10.0	20.4	10.0	10.1	101.29
3572	20.0-10.0-10.0	18.8	10.9	9.5	98.43
3573	20.0-10.0-10.0	18.6	10.6	9.2	96.57*
2110	24.0- 4.0- 6.0	21.2*	4.2	6.0	91.61*
2238	25.0- 3.0- 3.0	25.3	3.2	3.4	102.37
2107	28.0- 5.0-10.0	28.4	4.6	8.9*	98.55
#TOTALS - NO. SAMPLES	83 - SMPLS MISBRANDED	35 -			98.93
THE ESPOMA COMPANY		MILLVILLE, NJ			
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	1 -			81.02
THE SCOTTS COMPANY		MARYSVILLE, OH			
2241**	11.0- 2.0- 2.0	11.0	2.1	2.7	103.21
2360**	11.0- 2.0- 2.0	10.8	2.4	2.5	103.21
2361**	11.0- 2.0- 2.0	11.2	2.0	2.4	102.86
2534**	11.0- 2.0- 2.0	11.1	1.9	2.4	101.43
3254**	11.0- 7.0- 7.0	13.4	9.0	9.2	125.58
3251**	12.0- 4.0- 8.0	13.4	6.0	10.9	124.25
3798	20.0- 0.0- 8.0	20.5	0.0	9.3	104.79
2183	20.0-27.0- 5.0	20.9	29.5	5.3	107.17
2357**	22.0- 2.0- 2.0	22.0	2.5	2.4	102.80
2532**	22.0- 2.0- 2.0	22.4	2.4	2.4	104.00
3138	22.0- 2.0- 2.0	21.9	2.5	2.4	102.40
3139**	22.0- 2.0- 2.0	22.4	2.4	2.4	104.00
3477**	22.0- 2.0- 2.0	22.2	2.6	2.4	104.00
3641**	22.0- 2.0- 2.0	22.0	2.4	2.6	102.80
3137	24.0-24.0- 4.0	23.9	27.1	4.5	106.50
2114**	26.0- 0.0- 3.0	26.9	0.0	3.3	103.82
3662	26.0- 0.0- 3.0	26.3	0.0	3.1	101.27
3738**	26.0- 0.0- 3.0	25.0	0.0	3.7	97.64
2002**	28.0- 0.0- 3.0	28.4	0.0	3.4	102.03
2189	28.0- 0.0- 3.0	28.6	0.0	2.9	101.86
2245**	28.0- 0.0- 3.0	27.8	0.0	3.0	99.32
3148	28.0- 0.0- 3.0	28.9	0.0	3.2	103.39
3129**	28.0- 1.0- 4.0	27.9	1.1	4.1	100.16
3628	28.0- 1.0- 4.0	27.8	1.5	4.5	101.77
3145**	29.0- 0.0- 4.0	29.2	0.0	3.8	100.32
2353**	29.0- 2.0- 3.0	29.0	2.2	3.7	101.69
2354**	29.0- 2.0- 3.0	29.3	2.6	3.2	103.08
2355**	29.0- 2.0- 4.0	29.3	2.2	4.1	101.67
3729	29.0- 3.0- 4.0	29.4	3.1	4.6	102.35
2001**	30.0- 0.0- 4.0	32.2	0.0	4.3	107.34
2190**	30.0- 0.0- 4.0	30.0	0.0	3.8	99.69
2371**	30.0- 0.0- 4.0	30.5	0.0	4.3	102.03
3143**	30.0- 0.0- 4.0	29.5	0.0	4.7	99.53
3796	30.0- 0.0- 4.0	30.9	0.0	4.4	103.44
2365**	32.0- 0.0- 4.0	31.8	0.0	4.4	100.00
2620**	32.0- 0.0- 4.0	32.1	0.0	4.6	101.18
3794	32.0- 0.0- 4.0	32.4	0.0	4.5	101.91
2237**	32.0- 2.0- 8.0	31.5	2.8	8.2	101.05
3728**	32.0- 2.0- 8.0	31.7	2.1	7.8	99.21
3791	32.0- 2.0- 8.0	32.0	2.0	8.3	100.39

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
THE SCOTTS COMPANY		MARYSVILLE, OH			
2193**	36.0- 0.0- 4.0	35.9	0.0	4.2	100.00
2364	36.0- 0.0- 4.0	35.9	0.0	4.4	100.26
#TOTALS - NO. SAMPLES	63 - SMPLS MISBRANDED	2 -			102.25
UNITED SUPPLIERS, INC		ELDORA, IA			
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0 -			99.37
VOLUNTARY PURCHASING GROUPS		BONHAM, TX			
3297	5.0- 1.0- 1.0	4.7	1.2	1.7	103.85
2384	8.0- 0.0- 4.0	8.6	0.0	4.9	110.50
3328	8.0-10.0- 8.0	7.7	10.6	7.3	99.77
3326**	12.0- 4.0- 4.0	13.2	3.5*	3.5*	102.50
3664	16.0- 0.0- 8.0	16.0	0.0	7.9	99.75
3487	20.0- 0.0- 3.0	21.4	0.0	2.9	106.28
2378**	24.0- 0.0- 4.0	23.9	0.0	4.5	100.58
3663	24.0- 0.0- 4.0	23.8	0.0	4.3	99.81
2377**	25.0- 0.0- 6.0	25.8	0.0	5.8	102.50
#TOTALS - NO. SAMPLES	10 - SMPLS MISBRANDED	1 -			101.74
WFI NUTRITION LLC		MARION, IA			
3327	9.0-24.0-24.0	9.7	24.6	22.7	101.44
#TOTALS - NO. SAMPLES	2 - SMPLS MISBRANDED	1 -			96.90
WINCHESTER GARDENS		WINCHESTER, OH			
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0 -			103.05
WINFIELD SOLUTIONS, LLC		ST. PAUL, MN			
2310	12.0-12.0-12.0	12.6	12.3	11.7	102.50
3088**	12.0-12.0-12.0	11.6	11.3	11.2	95.00*
2247**	16.0- 0.0- 6.0	15.0	0.0	6.2	95.26*
3159**	16.0- 0.0- 6.0	15.2	0.0	6.6	97.37
2304	16.0- 6.0-16.0	17.1	6.4	17.1	106.83
3075**	16.0- 6.0-16.0	16.2	6.0	15.4	99.67
3156**	23.0- 0.0- 7.0	22.6	0.0	7.4	99.25
2374**	28.0- 0.0- 4.0	27.4	0.0	4.1	98.17
3150**	28.0- 0.0- 4.0	25.1*	0.0	3.3*	89.17*
#TOTALS - NO. SAMPLES	9 - SMPLS MISBRANDED	3 -			98.28
GARD'N WISE		N. KANSAS CITY, MO			
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	1 -			93.88

\* 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 25.

# Totals from July 1, 2010.

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
ADM FERTILIZER					
MINNEAPOLIS, MN					
2179	0.0- 0.0-60.0	0.0	0.0	62.0	103.33
2180	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
2257	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
2408	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2742	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
3165	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
3781	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
2510	11.0-52.0- 0.0	11.4	52.3	0.0	101.11
1993	18.0-46.0- 0.0	18.1	46.1	0.0	100.31
2106	18.0-46.0- 0.0	17.9	46.9	0.0	101.25
2199	18.0-46.0- 0.0	17.2	46.2	0.0	99.06
2200	18.0-46.0- 0.0	17.8	46.4	0.0	100.31
2230	18.0-46.0- 0.0	14.2*	50.0	0.0	100.31
2514	18.0-46.0- 0.0	17.9	46.7	0.0	100.94
3723	18.0-46.0- 0.0	17.7	45.8	0.0	99.22
3769	18.0-46.0- 0.0	17.5	45.7	0.0	98.75
1947	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1948	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
2780	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2781	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2206	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2207	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3052	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
3053	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
#TOTALS - NO. SAMPLES	43	- SMPLS MISBRANDED	1	-	100.66

AG DISTRIBUTORS, INC		NASHVILLE, TN			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
2013	0.0- 0.0-60.0	0.0	0.0	61.5	102.50
2015	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
1990	18.0-46.0- 0.0	18.8	46.6	0.0	102.19
3855**	21.0- 0.0- 0.0	20.8	0.0	0.0	99.05
1969	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1971	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1972	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES	15	- SMPLS MISBRANDED	0	-	100.59

AG DISTRIBUTORS INC		SIKESTON, MO			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
3836	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
#TOTALS - NO. SAMPLES	1	- SMPLS MISBRANDED	0	-	101.50

AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
3261	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
3673	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
3755	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
3272	0.0- 0.0-61.0	0.0	0.0	60.3	98.85
3750	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
3842	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
3843	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
3845	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
3846	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
3236	18.0-46.0- 0.0	17.1	46.4	0.0	99.22
3831	18.0-46.0- 0.0	18.8	46.4	0.0	101.88
3746	33.5- 0.0- 0.0	34.2	0.0	0.0	102.09
3203	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3541	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
3542	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
3543	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3544	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
3696	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
3809	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES	30	- SMPLS MISBRANDED	0	-	100.55

AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
1849**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
1809	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
1812	0.0- 0.0-60.0	0.0	0.0	59.8	99.67
1813	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
1816	0.0- 0.0-60.0	0.0	0.0	61.5	102.50
1923	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1925	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
2542	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2543	0.0- 0.0-60.0	0.0	0.0	59.5	99.17

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
AGRISERVICES OF BRUNSWICK, LLC					
BRUNSWICK, MO					
2545	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
2625	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
2737	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
2947	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
2959	0.0- 0.0-60.0	0.0	0.0	59.8	99.67
2960	0.0- 0.0-60.0	0.0	0.0	59.7	99.50
2963	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
2964	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2965	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
3166	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
3168	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
3352	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
3779	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
3780	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
3784	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
3880	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
2743	0.0- 0.0-61.0	0.0	0.0	61.0	100.00
1828	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1830	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
1831	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1935	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1936	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
1938	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1939	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
2022	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
2024	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
2630	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
2752	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
2753	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
2754	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
2755	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
2970	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
3359	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
3504	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
3511	0.0- 0.0-62.4	0.0	0.0	62.4	100.00
2418	0.0- 0.0-63.0	0.0	0.0	62.3	98.89
2601	9.0-23.0-30.0	9.3	22.9	30.1	100.53
1770	11.0-52.0- 0.0	12.4	51.8	0.0	101.90
1771	11.0-52.0- 0.0	12.4	52.0	0.0	102.22
1772	11.0-52.0- 0.0	11.4	52.3	0.0	101.11
1782	11.0-52.0- 0.0	11.4	52.0	0.0	100.63
1783	11.0-52.0- 0.0	12.6	52.0	0.0	102.54
1875	11.0-52.0- 0.0	11.6	52.2	0.0	101.27
1876	11.0-52.0- 0.0	11.3	52.4	0.0	101.11
1877	11.0-52.0- 0.0	12.6	51.8	0.0	102.22
1878	11.0-52.0- 0.0	13.6	51.0	0.0	102.54
1879	11.0-52.0- 0.0	11.5	52.8	0.0	102.06
1880	11.0-52.0- 0.0	12.6	52.2	0.0	102.86
1881	11.0-52.0- 0.0	12.5	52.4	0.0	103.02
1882	11.0-52.0- 0.0	11.3	52.8	0.0	101.75
1883	11.0-52.0- 0.0	12.4	52.4	0.0	102.86
1884	11.0-52.0- 0.0	14.5	50.4	0.0	103.02
1885	11.0-52.0- 0.0	11.3	52.7	0.0	101.59
2506	11.0-52.0- 0.0	12.0	52.3	0.0	102.06
2507	11.0-52.0- 0.0	11.7	52.2	0.0	101.43
2508	11.0-52.0- 0.0	12.0	52.2	0.0	101.90
2511	11.0-52.0- 0.0	11.7	52.5	0.0	101.90
2609	11.0-52.0- 0.0	12.9	50.9	0.0	101.27
2705	11.0-52.0- 0.0	11.0	52.9	0.0	101.43
2710	11.0-52.0- 0.0	11.4	52.6	0.0	101.59
2904	11.0-52.0- 0.0	11.7	53.2	0.0	103.02
3338	11.0-52.0- 0.0	11.7	52.6	0.0	102.06
3622	11.0-52.0- 0.0	11.5	52.8	0.0	102.06
1798	18.0-46.0- 0.0	18.1	46.6	0.0	101.09
1800	18.0-46.0- 0.0	18.6	47.5	0.0	103.28
1895	18.0-46.0- 0.0	17.8	46.5	0.0	100.47
1901	18.0-46.0- 0.0	17.4	46.0	0.0	99.06
1983	18.0-46.0- 0.0	18.4	46.4	0.0	101.25
1985	18.0-46.0- 0.0	18.3	46.5	0.0	101.25
2517	18.0-46.0- 0.0	18.0	46.2	0.0	100.31
2712	18.0-46.0- 0.0	18.1	46.4	0.0	100.78
2724	18.0-46.0- 0.0	17.6	46.0	0.0	99.38

## 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			
2725	18.0-46.0- 0.0	17.4	46.0	0.0	99.06
2908	18.0-46.0- 0.0	18.6	45.8	0.0	100.63
2909	18.0-46.0- 0.0	18.8	46.0	0.0	101.25
2920	18.0-46.0- 0.0	18.7	45.7	0.0	100.63
2926	18.0-46.0- 0.0	18.3	46.2	0.0	100.78
2927	18.0-46.0- 0.0	18.8	46.3	0.0	101.72
2928	18.0-46.0- 0.0	17.8	46.3	0.0	100.16
2930	18.0-46.0- 0.0	18.4	46.2	0.0	100.94
3112	18.0-46.0- 0.0	17.7	46.0	0.0	99.53
3113	18.0-46.0- 0.0	18.1	46.9	0.0	101.56
3461	18.0-46.0- 0.0	18.3	46.5	0.0	101.25
3877	18.0-46.0- 0.0	18.1	46.1	0.0	100.31
2281**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52
2581**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
3036**	21.0- 0.0- 0.0	21.4	0.0	0.0	101.90
3789**	21.0- 0.0- 0.0	20.8	0.0	0.0	99.05
2444	34.0- 0.0- 0.0	33.4	0.0	0.0	98.24
2566	34.0- 0.0- 0.0	33.9	0.0	0.0	99.71
2572	34.0- 0.0- 0.0	33.4	0.0	0.0	98.24
2768	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65
2771	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3004	34.0- 0.0- 0.0	33.4	0.0	0.0	98.24
3005	34.0- 0.0- 0.0	33.7	0.0	0.0	99.12
3012	34.0- 0.0- 0.0	33.8	0.0	0.0	99.41
3016	34.0- 0.0- 0.0	33.7	0.0	0.0	99.12
3377	34.0- 0.0- 0.0	33.4	0.0	0.0	98.24
1753	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1758	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1857	46.0- 0.0- 0.0	46.1	0.0	0.0	100.22
1858	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
1859	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1968	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2054	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2056	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2057	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2214	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2303	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2464	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2465	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2467	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2477	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2478	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2479	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2589	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2590	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2591	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2663	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2664	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2665	46.0- 0.0- 0.0	46.1	0.0	0.0	100.22
2799**	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2812	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2815	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2818	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2819	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2820	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3050	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
3765	46.0- 0.0- 0.0	45.8	0.0	0.0	99.57
#TOTALS - NO. SAMPLES		264	- SMPLS MISBRANDED	0	- 100.92
AGRIUM U.S. INC.		BEATRICE, NE			
2962	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
2672	43.0- 0.0- 0.0	43.4	0.0	0.0	100.93
2669	44.0- 0.0- 0.0	45.0	0.0	0.0	102.27
2298	46.0- 0.0- 0.0	45.2	0.0	0.0	98.26
#TOTALS - NO. SAMPLES		8	- SMPLS MISBRANDED	0	- 101.19
AGROTAIN INTERNATIONAL, LLC		ST LOUIS, MO			
2058	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2587	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2588	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2656	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2658	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
AGROTAIN INTERNATIONAL, LLC		ST LOUIS, MO			
2801	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3055	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3059	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3214	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
3302	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3304	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3411	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3413	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
3414	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3690	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES		17	- SMPLS MISBRANDED	0	- 100.93
AMERICAN PLANT FOOD CORPORATION		GALENA PARK, TX			
2785**	21.0- 0.0- 0.0	20.6	0.0	0.0	98.10
2786**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
2787**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
3187**	21.0- 0.0- 0.0	20.8	0.0	0.0	99.05
#TOTALS - NO. SAMPLES		10	- SMPLS MISBRANDED	0	- 100.28
AMEROPA NORTH AMERICA, INC		TAMPA, FL			
2077	11.0-52.0- 0.0	12.7	51.7	0.0	102.22
2078	11.0-52.0- 0.0	12.6	51.9	0.0	102.38
3451	11.0-52.0- 0.0	11.3	53.4	0.0	102.70
#TOTALS - NO. SAMPLES		5	- SMPLS MISBRANDED	0	- 102.11
BEN-TREI FERTILIZER CO, LLC		TULSA, OK			
1917	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
1918	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
2538	0.0- 0.0-60.0	0.0	0.0	59.7	99.50
2626	0.0- 0.0-60.0	0.0	0.0	59.5	99.17
2627	0.0- 0.0-60.0	0.0	0.0	59.4	99.00
2628	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
2740	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
2956	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
3495	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
3496	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
3224	10.0-50.0- 0.0	11.2	52.5	0.0	106.17
1886	18.0-46.0- 0.0	18.3	46.8	0.0	101.72
1887	18.0-46.0- 0.0	17.9	46.4	0.0	100.47
1981	18.0-46.0- 0.0	18.3	46.4	0.0	101.09
2088	18.0-46.0- 0.0	18.3	46.7	0.0	101.56
2233	18.0-46.0- 0.0	18.6	47.8	0.0	103.75
2342	18.0-46.0- 0.0	18.9	46.9	0.0	102.81
2516	18.0-46.0- 0.0	18.3	46.7	0.0	101.56
2728	18.0-46.0- 0.0	18.5	46.9	0.0	102.19
2936	18.0-46.0- 0.0	18.0	46.1	0.0	100.16
2938	18.0-46.0- 0.0	18.1	44.0	0.0	97.03
3342	18.0-46.0- 0.0	18.8	46.6	0.0	102.19
3861	18.0-46.0- 0.0	18.0	46.4	0.0	100.63
2032	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
2273	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
2429	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
2431	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
2440	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2441	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
2563	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
2564	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
2565	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
2573	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
2574	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
2575	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
2776	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
3006	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
3009	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
3010	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3011	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3787	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
3788	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3882	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3883	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
1964	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2290	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
BEN-TREI FERTILIZER CO, LLC		TULSA, OK			
2817	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2825	46.0- 0.0- 0.0	46.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES		92 - SMPLS MISBRANDED	0 -		101.16
BROWNFIELD FARMERS COOP		BROWNFIELD, TX			
2131	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
2132	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
#TOTALS - NO. SAMPLES		3 - SMPLS MISBRANDED	0 -		100.50
CALCIUM PRODUCTS INC		GILMORE CITY, IA			
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED	0 -		100.00
CANTON MILLS, INC		MINNESOTA CITY, MN			
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED	0 -		466.66
CENTRAL MISSOURI POULTRY PRODUCERS		CALIFORNIA, MO			
2113	3.0- 3.0- 2.0	4.0	6.6	3.8	178.57
2623	3.0- 3.0- 2.0	3.0	4.4	3.1	127.86
2624	3.0- 3.0- 2.0	2.9	4.0	2.6	117.14
#TOTALS - NO. SAMPLES		5 - SMPLS MISBRANDED	0 -		142.71
CF INDUSTRIES, INC		DEERFIELD, IL			
3186	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
#TOTALS - NO. SAMPLES		6 - SMPLS MISBRANDED	0 -		100.78
CHS INC		ST PAUL, MN			
#TOTALS - NO. SAMPLES		2 - SMPLS MISBRANDED	0 -		101.48
COLLINGWOOD GRAIN WAREHOUSE		GOODLAND, KS			
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED	0 -		100.15
CROP PRODUCTION SERVICES-443		LA PLATA, MO			
2950	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2899	11.0-52.0- 0.0	11.7	53.6	0.0	103.65
2900	11.0-52.0- 0.0	11.7	52.6	0.0	102.06
2827	44.0- 0.0- 0.0	45.1	0.0	0.0	102.50
2816	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
#TOTALS - NO. SAMPLES		5 - SMPLS MISBRANDED	0 -		102.15
CROP PRODUCTION SERVICES-4025		MARSTON, MO			
2014	0.0- 0.0-60.0	0.0	0.0	58.6	97.67
1991	18.0-46.0- 0.0	17.9	45.7	0.0	99.38
1973	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES		17 - SMPLS MISBRANDED	0 -		100.73
CROP PRODUCTION SERVICES-8314		MEMPHIS, TN			
#TOTALS - NO. SAMPLES		7 - SMPLS MISBRANDED	0 -		100.98
CROP PRODUCTION SERVICES-3528		QUINCY, IL			
2144	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
3358	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
2102	18.0-46.0- 0.0	18.1	46.6	0.0	101.09
#TOTALS - NO. SAMPLES		51 - SMPLS MISBRANDED	0 -		100.77
DEBRUCE FERTILIZER, INC		KANSAS CITY, MO			
2128	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
3452	11.0-52.0- 0.0	11.3	52.8	0.0	101.75
3772**	12.0-40.0- 0.0	11.9	40.3	0.0	100.38
2528**	13.0-40.0- 0.0	11.8	40.5	0.0	98.68
3245**	13.0-40.0- 0.0	12.0	39.8	0.0	97.74
1950	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
1951	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1952	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
2155	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
2157	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2159	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
2160	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
2775	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2777	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
3208	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES		31 - SMPLS MISBRANDED	0 -		100.65

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
DELTA GROWERS ASSOCIATION		CHARLESTON, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED	1 -		82.34
EL DORADO CHEMICAL CO		EL DORADO, AR			
2156	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
2421	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
2422	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2423	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2424	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2425	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
2427	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
3185	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3850	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
#TOTALS - NO. SAMPLES		22 - SMPLS MISBRANDED	0 -		101.06
EL DORADO CHEMICAL CO.		LAMAR, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS MISBRANDED	0 -		99.11
FOWLER ELEVATOR, INC-HARRIS		NEWTOWN, MO			
#TOTALS - NO. SAMPLES		2 - SMPLS MISBRANDED	0 -		100.58
FOWLER ELEVATOR, INC		UNIONVILLE, MO			
2023	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
2390	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1987	18.0-46.0- 0.0	17.6	46.4	0.0	100.00
2445	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
2446	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
1967	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES		8 - SMPLS MISBRANDED	0 -		100.96
FRIT INDUSTRIES		OZARK, AL			
2789**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES		2 - SMPLS MISBRANDED	0 -		100.00
GAVILON FERTILIZER, LLC		NEW FRANKLIN, MO			
3667	0.0- 0.0-60.0	0.0	0.0	59.7	99.50
1833	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1834	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
2148	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
2259	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
2556	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
2557	0.0- 0.0-62.0	0.0	0.0	61.7	99.52
2629	0.0- 0.0-62.0	0.0	0.0	61.6	99.35
2631	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
2632	0.0- 0.0-62.0	0.0	0.0	61.7	99.52
2756	0.0- 0.0-62.0	0.0	0.0	59.6*	96.13*
2974	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
3170	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
3275	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
3277	0.0- 0.0-62.0	0.0	0.0	61.9	99.84
3505	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
3506	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
3508	0.0- 0.0-62.0	0.0	0.0	61.8	99.68
3786	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
3340	11.0-52.0- 0.0	12.0	51.8	0.0	101.27
2098	18.0-46.0- 0.0	17.9	46.4	0.0	100.47
2105	18.0-46.0- 0.0	17.6	46.2	0.0	99.69
2231	18.0-46.0- 0.0	18.0	46.7	0.0	101.09
2346	18.0-46.0- 0.0	17.7	46.5	0.0	100.31
2527	18.0-46.0- 0.0	17.8	46.5	0.0	100.47
2726	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
2727	18.0-46.0- 0.0	18.0	46.0	0.0	100.00
2907	18.0-46.0- 0.0	18.4	46.2	0.0	100.94
2919	18.0-46.0- 0.0	18.0	45.9	0.0	99.84
2931	18.0-46.0- 0.0	18.4	46.7	0.0	101.72
3120	18.0-46.0- 0.0	17.7	46.0	0.0	99.53
3244	18.0-46.0- 0.0	18.1	45.0	0.0	98.59
3462	18.0-46.0- 0.0	17.5	45.9	0.0	99.06
3463	18.0-46.0- 0.0	17.9	46.6	0.0	100.78
3464	18.0-46.0- 0.0	17.6	46.6	0.0	100.31
3467	18.0-46.0- 0.0	17.9	46.7	0.0	100.94
3468	18.0-46.0- 0.0	18.0	46.7	0.0	101.09
3771	18.0-46.0- 0.0	17.6	46.2	0.0	99.69



## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
GAVILON FERTILIZER, LLC		NEW FRANKLIN, MO			
2263	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
2264	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
2637	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
2778	34.0- 0.0- 0.0	33.9	0.0	0.0	99.71
2779	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
3013	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3015	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00
3018	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00
3183	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
3515	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
2480	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
2481	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2800	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3056	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
3057	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3406	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES		95	- SMPLS MISBRANDED	1	- 100.21
GAVILON FERTILIZER, LLC		CATOOSA, OK			
3726	18.0-46.0- 0.0	18.0	45.5	0.0	99.22
2654	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
#TOTALS - NO. SAMPLES		4	- SMPLS MISBRANDED	0	- 100.00
GAVILON FERTILIZER, LLC		EAST PEORIA, IL			
2972	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
3764	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES		3	- SMPLS MISBRANDED	0	- 100.14
GAVILON FERTILIZER, LLC		SAVANNAH, GA			
3210	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES		7	- SMPLS MISBRANDED	0	- 100.31
GAVILON FERTILIZER LLC		SAUGET, IL			
2401	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
2406	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2539	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
2547	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2733	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
2736	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
2741	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
3350	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
3668	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
1819	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
1827	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
1933	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
2145	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
2261	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
2554	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
2971	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
2976	0.0- 0.0-62.0	0.0	0.0	61.4	99.03
2977	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
2981	0.0- 0.0-62.0	0.0	0.0	61.7	99.52
3173	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
3499	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
3500	0.0- 0.0-62.0	0.0	0.0	59.7*	96.29*
3501	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
3675	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
3844	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
2610	11.0-52.0- 0.0	12.2	51.7	0.0	101.43
2709	11.0-52.0- 0.0	12.1	52.0	0.0	101.75
3712	11.0-52.0- 0.0	11.6	53.7	0.0	103.65
1789	18.0-46.0- 0.0	18.3	46.3	0.0	100.94
1791	18.0-46.0- 0.0	18.4	46.5	0.0	101.41
1795	18.0-46.0- 0.0	18.6	46.7	0.0	102.03
1804	18.0-46.0- 0.0	18.3	46.5	0.0	101.25
1907	18.0-46.0- 0.0	17.8	46.3	0.0	100.16
1908	18.0-46.0- 0.0	17.2	46.2	0.0	99.06
1909	18.0-46.0- 0.0	17.7	46.5	0.0	100.31
2104	18.0-46.0- 0.0	17.9	46.4	0.0	100.47
2232	18.0-46.0- 0.0	17.5	46.9	0.0	100.63
2234	18.0-46.0- 0.0	18.4	46.9	0.0	102.03
2330	18.0-46.0- 0.0	18.4	46.6	0.0	101.56

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
GAVILON FERTILIZER LLC		SAUGET, IL			
2336	18.0-46.0- 0.0	18.6	46.9	0.0	102.34
2519	18.0-46.0- 0.0	18.0	46.6	0.0	100.94
2523	18.0-46.0- 0.0	18.1	46.3	0.0	100.63
2716	18.0-46.0- 0.0	17.8	46.0	0.0	99.69
2719	18.0-46.0- 0.0	18.0	46.3	0.0	100.47
2722	18.0-46.0- 0.0	17.6	46.5	0.0	100.16
2910	18.0-46.0- 0.0	18.7	46.0	0.0	101.09
2911	18.0-46.0- 0.0	18.0	45.9	0.0	99.84
2914	18.0-46.0- 0.0	18.8	46.4	0.0	101.88
2915	18.0-46.0- 0.0	18.1	45.9	0.0	100.00
2932	18.0-46.0- 0.0	18.7	46.8	0.0	102.34
2933	18.0-46.0- 0.0	18.2	45.9	0.0	100.16
2934	18.0-46.0- 0.0	18.7	46.1	0.0	101.25
2935	18.0-46.0- 0.0	18.1	46.0	0.0	100.16
2937	18.0-46.0- 0.0	18.8	47.8	0.0	104.06
3114	18.0-46.0- 0.0	17.8	46.2	0.0	100.00
3117	18.0-46.0- 0.0	17.4	46.3	0.0	99.53
3122	18.0-46.0- 0.0	17.5	46.4	0.0	99.84
3239	18.0-46.0- 0.0	17.1	45.7	0.0	98.13
3457	18.0-46.0- 0.0	17.3	46.5	0.0	99.69
3623	18.0-46.0- 0.0	17.1	46.2	0.0	98.91
3722	18.0-46.0- 0.0	17.8	45.9	0.0	99.53
3828	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
3832	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
1848**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
3033**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00
2453	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
1836	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
1837	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
1838	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
1845	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
1846	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
1954	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2435	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
2560	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
2561	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
2562	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2567	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2568	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2769	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2770	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
2772	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
2774	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
3014	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
3021	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
3024	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
3026	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
3180	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3181	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
3182	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
3286	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
3372	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3374	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3679	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
3754	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3847	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
3848	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
1752	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1767	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1865	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1974	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1975	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2060	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2062	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2066	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2212	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2213	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2216	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2294	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2470	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2649	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2657	46.0- 0.0- 0.0	46.1	0.0	0.0	100.22

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
GAVILON FERTILIZER LLC					SAUGET, IL
2659	46.0- 0.0- 0.0	46.8	0.0	0.0	101.74
2660	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2661	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2666	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2802	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2804	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2806	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2809	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2813	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2824	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3043	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3048	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3051	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3061	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3401	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
3402	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3407	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3412	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3415	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3536	46.0- 0.0- 0.0	46.0	0.0	0.0	100.00
3537	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3766	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3810	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES 231 - SMPLS MISBRANDED 1 - 100.59					

GAVILON FERTILIZER, LLC					ST JOSEPH, MO
2739	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
3869	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
3879	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
2707	11.0-52.0- 0.0	12.0	51.8	0.0	101.27
3876	11.0-52.0- 0.0	11.9	52.8	0.0	102.70
3118	18.0-46.0- 0.0	18.0	46.7	0.0	101.09
3242	18.0-46.0- 0.0	17.5	45.5	0.0	98.44
3287**	21.0- 0.0- 0.0	20.8	0.0	0.0	99.05
3282	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3285	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
3212	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
#TOTALS - NO. SAMPLES 39 - SMPLS MISBRANDED 0 - 101.36					

GRANITE CITY TERMINAL LLC					GRANITE CITY, IL
3455	18.0-46.0- 0.0	17.5	46.6	0.0	100.16
2810	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES 27 - SMPLS MISBRANDED 0 - 100.96					

GREAT SALT LAKE MINERALS CORP.					OGDEN, UT
2732**	0.0- 0.0-50.0	0.0	0.0	50.0	100.00
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.06					

GROWMARK, INC					BLOOMINGTON, IL
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 100.31					

HANNIBAL BOARD OF PUBLIC WORKS					HANNIBAL, MO
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 320.00					

HELM FERTILIZER CORPORATION					TAMPA, FL
2403	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
2954	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
1913	0.0-46.0- 0.0	0.0	45.8	0.0	99.57
2350	0.0-46.0- 0.0	0.0	0.0*	0.0	0.00*
2082	18.0-46.0- 0.0	17.4	46.1	0.0	99.22
2333	18.0-46.0- 0.0	18.0	46.1	0.0	100.16
2168**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00
2454	33.5- 0.0- 0.0	34.3	0.0	0.0	102.39
2455	33.5- 0.0- 0.0	34.3	0.0	0.0	102.39
#TOTALS - NO. SAMPLES 9 - SMPLS MISBRANDED 1 - 87.79					

HOFFMAN & REED, INC					TRENTON, MO
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.25					

INTERNATIONAL COMMODITIES EXPORT CO					THE WOODLANDS, TX
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 101.60					

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
INTER-CHEM					TULSA, OK
1920	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
1892	18.0-46.0- 0.0	17.7	46.9	0.0	100.94
1893	18.0-46.0- 0.0	17.9	47.5	0.0	102.19
1894	18.0-46.0- 0.0	17.4	46.9	0.0	100.47
2923	18.0-46.0- 0.0	18.8	46.0	0.0	101.25
1851	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1852	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1853	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1856	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2463	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
3808	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES 23 - SMPLS MISBRANDED 0 - 100.55					
INTEROCEANIC CORPORATION					OSSINING, NY
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.31					
INTREPID POTASH- NEW MEXICO, LLC					DENVER, CO
2004	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
2005	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
2007	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
3749	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
1934	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
2982	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
3360	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
#TOTALS - NO. SAMPLES 21 - SMPLS MISBRANDED 0 - 100.96					
JEFFERSONVILLE RIVER TERMINAL-SCOTT					JEFFERSONVILLE, IN
1919	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1924	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
2009	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2010	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2011	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
2391	0.0- 0.0-60.0	0.0	0.0	59.5	99.17
2540	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
2541	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
3266	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
2347	0.0-46.0- 0.0	0.0	46.7	0.0	101.52
2320	11.0-52.0- 0.0	12.5	52.2	0.0	102.70
2903	11.0-52.0- 0.0	11.8	53.1	0.0	103.02
1888	18.0-46.0- 0.0	17.4	46.8	0.0	100.31
1889	18.0-46.0- 0.0	17.5	46.9	0.0	100.63
1900	18.0-46.0- 0.0	18.0	46.4	0.0	100.63
1986	18.0-46.0- 0.0	19.1	49.1	0.0	106.56
2323	18.0-46.0- 0.0	18.4	46.5	0.0	101.41
2515	18.0-46.0- 0.0	17.8	46.4	0.0	100.31
2615	18.0-46.0- 0.0	18.3	46.3	0.0	100.94
2616	18.0-46.0- 0.0	18.3	46.4	0.0	101.09
2617	18.0-46.0- 0.0	18.9	48.4	0.0	105.16
2618	18.0-46.0- 0.0	18.3	46.1	0.0	100.63
2721	18.0-46.0- 0.0	18.3	46.3	0.0	100.94
2921	18.0-46.0- 0.0	18.2	46.3	0.0	100.78
3241	18.0-46.0- 0.0	17.7	46.2	0.0	99.84
2582**	21.0- 0.0- 0.0	20.8	0.0	0.0	99.05
2456	27.0- 0.0- 0.0	27.3	0.0	0.0	101.11
2277	33.5- 0.0- 0.0	34.5	0.0	0.0	102.99
2278	33.5- 0.0- 0.0	33.5	0.0	0.0	100.00
2279	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
2576	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
2577	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
2578	33.5- 0.0- 0.0	34.2	0.0	0.0	102.09
2579	33.5- 0.0- 0.0	34.2	0.0	0.0	102.09
1942	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1949	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
2432	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
2571	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
3003	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1965	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1966	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES 71 - SMPLS MISBRANDED 0 - 101.31					
KNOX FERTILIZER COMPANY, INC					KNOX, IN
2670	44.0- 0.0- 0.0	45.3	0.0	0.0	102.95

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
KNOX FERTILIZER COMPANY, INC		KNOX, IN			
2671	44.0- 0.0- 0.0	44.9	0.0	0.0	102.05
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	102.21
KOCH NITROGEN COMPANY, LLC		AURORA, NE			
2826	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.86
LANGE-STEGMANN COMPANY		ST LOUIS, MO			
3681	1.0- 1.0- 1.0	45.1	0.4*	0.2*	1824.00
3682	1.0- 1.0- 1.0	42.1	1.9	3.2	1824.00
3683	1.0- 1.0- 1.0	43.7	1.2	1.7	1830.00
3684	1.0- 1.0- 1.0	3.3	44.6	0.1*	1918.00
1866	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1867	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2059	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2469	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2650	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES		11 - SMPLS	MISBRANDED	2 -	155.36
LINCOLN COUNTY FARMERS COOP, INC		TROY, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.15
LOGANBILL FERTILIZER INC		VERSAILLES, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.68
M. G. WALDBAUM CO.		WAKEFIELD, NE			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	112.50
MARTIN OPERATING PARTNERSHIP LP		SENECA, IL			
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.00
MERSCHMAN FERTILIZR LLC-(FT MADISON)		WEST POINT, IA			
2130	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
3349	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
3747	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
3841	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2095	11.0-52.0- 0.0	11.6	52.4	0.0	101.59
3713	11.0-52.0- 0.0	11.7	52.0	0.0	101.11
3823	11.0-52.0- 0.0	12.0	52.0	0.0	101.59
2321	18.0-46.0- 0.0	17.6	46.6	0.0	100.31
2167	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
2447	33.5- 0.0- 0.0	33.8	0.0	0.0	100.90
#TOTALS - NO. SAMPLES		19 - SMPLS	MISBRANDED	0 -	100.83
MFA AGRI SERVICES		GALLATIN, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	101.90
MFA AGRI SERVICES		MOBERLY, MO			
2614	18.0-46.0- 0.0	17.9	45.6	0.0	99.22
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.22
MFA AGRI SERVICES		ST JOSEPH, MO			
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	101.61
MFA AGRI SERVICES		SPRINGFIELD, MO			
3874	46.0- 0.0- 0.0	43.6*	0.0	0.0	94.78*
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	94.78
MFA AGRI SERVICES		TIPTON, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.68
MFA PLANT FOODS		PALMYRA, MO			
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	100.66
MFA PLANT FOODS		COLUMBIA, MO			
3288**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
1805**	0.0- 0.0-20.0	0.0	0.0	21.9	109.50
1806**	0.0- 0.0-20.0	0.0	0.0	21.7	108.50
1808**	0.0- 0.0-20.0	0.0	0.0	21.6	108.00
2388**	0.0- 0.0-21.7	0.0	0.0	21.7	100.00
2389**	0.0- 0.0-22.0	0.0	0.0	21.6	98.18
2945**	0.0- 0.0-22.0	0.0	0.0	22.1	100.45

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA PLANT FOODS		COLUMBIA, MO			
3347**	0.0- 0.0-22.0	0.0	0.0	20.8	94.55*
3348**	0.0- 0.0-22.0	0.0	0.0	21.6	98.18
3834**	0.0- 0.0-22.0	0.0	0.0	22.0	100.00
2129	0.0- 0.0-60.0	0.0	0.0	61.5	102.50
2134	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
2135	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
2138	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2176	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
2177	0.0- 0.0-60.0	0.0	0.0	62.6	104.33
2178	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
2256	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
2392	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
2393	0.0- 0.0-60.0	0.0	0.0	59.6	99.33
2394	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
2395	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2397	0.0- 0.0-60.0	0.0	0.0	59.4	99.00
2405	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2407	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
2409	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
2411	0.0- 0.0-60.0	0.0	0.0	61.8	103.00
2412	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
2544	0.0- 0.0-60.0	0.0	0.0	59.7	99.50
2548	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2550	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
2738	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
2952	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
2957	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
2958	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
2966	0.0- 0.0-60.0	0.0	0.0	62.6	104.33
3258	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
3259	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
3263	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
3264	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
3271	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
3351	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
3353	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
3491	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
3493	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
3669	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
3672	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
3674	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
3838	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
3881	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
1818	0.0- 0.0-61.0	0.0	0.0	61.5	100.82
2020	0.0- 0.0-61.0	0.0	0.0	60.9	99.84
2036	0.0- 0.0-61.0	0.0	0.0	60.9	99.84
2139	0.0- 0.0-61.0	0.0	0.0	60.5	99.18
2413	0.0- 0.0-61.0	0.0	0.0	60.7	99.51
2414	0.0- 0.0-61.0	0.0	0.0	61.2	100.33
2552	0.0- 0.0-61.0	0.0	0.0	60.4	99.02
2744	0.0- 0.0-61.0	0.0	0.0	60.7	99.51
2745	0.0- 0.0-61.0	0.0	0.0	60.9	99.84
2968	0.0- 0.0-61.0	0.0	0.0	61.0	100.00
3354	0.0- 0.0-61.0	0.0	0.0	60.6	99.34
3355	0.0- 0.0-61.0	0.0	0.0	61.0	100.00
3356	0.0- 0.0-61.0	0.0	0.0	60.4	99.02
3357	0.0- 0.0-61.0	0.0	0.0	60.6	99.34
3871	0.0- 0.0-61.0	0.0	0.0	60.7	99.51
3872	0.0- 0.0-61.0	0.0	0.0	60.9	99.84
3873	0.0- 0.0-61.0	0.0	0.0	60.8	99.67
1820	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
1821	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
1822	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1823	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1824	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
1825	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
1826	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1829	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
1832	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
1835	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
2021	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
2025	0.0- 0.0-62.0	0.0	0.0	62.8	101.29

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA PLANT FOODS					
2026	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
2140	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
2141	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
2142	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
2143	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
2146	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
2147	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
2149	0.0- 0.0-62.3	0.0	0.0	62.7	100.64
2150	0.0- 0.0-62.3	0.0	0.0	62.8	100.80
2151	0.0- 0.0-62.3	0.0	0.0	62.7	100.64
2152	0.0- 0.0-62.3	0.0	0.0	62.7	100.64
2153	0.0- 0.0-62.3	0.0	0.0	62.8	100.80
2154	0.0- 0.0-62.3	0.0	0.0	62.9	100.96
2181	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
2260	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
2262	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
2415	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
2416	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
2417	0.0- 0.0-62.3	0.0	0.0	61.6	98.88
2555	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
2746	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
2747	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
2757	0.0- 0.0-62.3	0.0	0.0	62.7	100.64
2969	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
2973	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
2975	0.0- 0.0-62.0	0.0	0.0	61.6	99.35
2978	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
2979	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
2980	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
2983	0.0- 0.0-62.2	0.0	0.0	62.4	100.32
3171	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
3172	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
3174	0.0- 0.0-62.2	0.0	0.0	62.4	100.32
3278	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
3503	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
3507	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
3509	0.0- 0.0-62.0	0.0	0.0	61.9	99.84
3510	0.0- 0.0-62.3	0.0	0.0	62.3	100.00
3676	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
3751	0.0- 0.0-62.0	0.0	0.0	61.6	99.35
3752	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
2731	0.0-44.0- 0.0	0.0	46.4	0.0	105.45
2348	0.0-46.0- 0.0	0.0	45.8	0.0	99.57
2351	0.0-46.0- 0.0	0.0	46.8	0.0	101.74
2352	0.0-46.0- 0.0	0.0	46.6	0.0	101.30
2530	0.0-46.0- 0.0	0.0	46.4	0.0	100.87
2940	0.0-46.0- 0.0	0.0	46.6	0.0	101.30
2942	0.0-46.0- 0.0	0.0	46.7	0.0	101.52
3124	0.0-46.0- 0.0	0.0	46.5	0.0	101.09
3775	0.0-46.0- 0.0	0.0	46.2	0.0	100.43
1769	11.0-52.0- 0.0	12.6	52.3	0.0	103.02
1773	11.0-52.0- 0.0	12.6	52.3	0.0	103.02
1774	11.0-52.0- 0.0	16.7	48.3*	0.0	103.17
1776	11.0-52.0- 0.0	11.8	52.8	0.0	102.54
1777	11.0-52.0- 0.0	11.6	52.7	0.0	102.06
1778	11.0-52.0- 0.0	11.5	52.2	0.0	101.11
1779	11.0-52.0- 0.0	11.7	52.2	0.0	101.43
1780	11.0-52.0- 0.0	12.6	52.2	0.0	102.86
1781	11.0-52.0- 0.0	11.6	52.3	0.0	101.43
1874	11.0-52.0- 0.0	11.8	53.2	0.0	103.17
1979	11.0-52.0- 0.0	11.2	52.6	0.0	101.27
2075	11.0-52.0- 0.0	11.8	51.9	0.0	101.11
2076	11.0-52.0- 0.0	11.2	52.6	0.0	101.27
2079	11.0-52.0- 0.0	12.5	51.9	0.0	102.22
2194	11.0-52.0- 0.0	11.9	51.8	0.0	101.11
2227	11.0-52.0- 0.0	11.9	51.9	0.0	101.27
2319	11.0-52.0- 0.0	11.6	52.8	0.0	102.22
2509	11.0-52.0- 0.0	11.9	52.5	0.0	102.22
2611	11.0-52.0- 0.0	11.5	51.9	0.0	100.63
2706	11.0-52.0- 0.0	13.0	50.6	0.0	100.95
2708	11.0-52.0- 0.0	11.5	53.7	0.0	103.49
2893	11.0-52.0- 0.0	12.4	51.9	0.0	102.06

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA PLANT FOODS					
2898	11.0-52.0- 0.0	11.7	52.4	0.0	101.75
2902	11.0-52.0- 0.0	11.4	52.8	0.0	101.90
3106	11.0-52.0- 0.0	11.7	52.9	0.0	102.54
3107	11.0-52.0- 0.0	11.5	53.1	0.0	102.54
3108	11.0-52.0- 0.0	11.5	53.7	0.0	103.49
3109	11.0-52.0- 0.0	11.4	53.5	0.0	103.02
3229	11.0-52.0- 0.0	11.2	52.4	0.0	100.95
3231	11.0-52.0- 0.0	10.8	52.3	0.0	100.16
3235	11.0-52.0- 0.0	12.0	52.3	0.0	102.06
3450	11.0-52.0- 0.0	11.9	53.0	0.0	103.02
3454	11.0-52.0- 0.0	11.7	53.3	0.0	103.17
3620	11.0-52.0- 0.0	12.7	51.5	0.0	101.90
3714	11.0-52.0- 0.0	12.5	51.4	0.0	101.43
3824	11.0-52.0- 0.0	13.1	50.6	0.0	101.11
2905**	12.0-40.0- 0.0	12.1	40.2	0.0	100.58
3123**	12.0-40.0- 0.0	11.7	40.0	0.0	99.42
3626**	12.0-40.0- 0.0	12.0	40.3	0.0	100.58
1785	18.0-46.0- 0.0	18.5	45.9	0.0	100.63
1786	18.0-46.0- 0.0	18.8	45.8	0.0	100.94
1787	18.0-46.0- 0.0	17.6	45.0	0.0	97.81
1788	18.0-46.0- 0.0	18.2	46.4	0.0	100.94
1790	18.0-46.0- 0.0	17.4	46.1	0.0	99.22
1792	18.0-46.0- 0.0	18.7	46.2	0.0	101.41
1793	18.0-46.0- 0.0	18.4	46.4	0.0	101.25
1794	18.0-46.0- 0.0	18.0	46.3	0.0	100.47
1796	18.0-46.0- 0.0	18.4	46.1	0.0	100.78
1797	18.0-46.0- 0.0	18.2	46.2	0.0	100.63
1799	18.0-46.0- 0.0	18.2	46.0	0.0	100.31
1801	18.0-46.0- 0.0	18.2	46.3	0.0	100.78
1898	18.0-46.0- 0.0	17.6	46.3	0.0	99.84
1899	18.0-46.0- 0.0	17.9	46.4	0.0	100.47
1910	18.0-46.0- 0.0	17.8	46.6	0.0	100.63
1911	18.0-46.0- 0.0	17.7	46.3	0.0	100.00
1980	18.0-46.0- 0.0	18.2	45.7	0.0	99.84
2089	18.0-46.0- 0.0	17.2	46.9	0.0	100.16
2090	18.0-46.0- 0.0	17.9	46.1	0.0	100.00
2091	18.0-46.0- 0.0	18.0	46.2	0.0	100.31
2092	18.0-46.0- 0.0	18.5	46.5	0.0	101.56
2093	18.0-46.0- 0.0	17.6	46.5	0.0	100.16
2094	18.0-46.0- 0.0	17.9	46.6	0.0	100.78
2096	18.0-46.0- 0.0	18.4	46.6	0.0	101.56
2097	18.0-46.0- 0.0	17.2	46.2	0.0	99.06
2101	18.0-46.0- 0.0	17.5	46.4	0.0	99.84
2103	18.0-46.0- 0.0	17.6	46.3	0.0	99.84
2197	18.0-46.0- 0.0	18.3	46.1	0.0	100.63
2198	18.0-46.0- 0.0	18.0	45.8	0.0	99.69
2322	18.0-46.0- 0.0	18.2	46.7	0.0	101.41
2324	18.0-46.0- 0.0	18.4	46.2	0.0	100.94
2325	18.0-46.0- 0.0	18.2	46.5	0.0	101.09
2327	18.0-46.0- 0.0	18.4	46.4	0.0	101.25
2334	18.0-46.0- 0.0	17.4	46.2	0.0	99.38
2338	18.0-46.0- 0.0	18.3	46.7	0.0	101.56
2339	18.0-46.0- 0.0	17.5	46.3	0.0	99.69
2340	18.0-46.0- 0.0	18.0	46.2	0.0	100.31
2341	18.0-46.0- 0.0	18.3	46.8	0.0	101.72
2343	18.0-46.0- 0.0	18.3	46.3	0.0	100.94
2345	18.0-46.0- 0.0	19.2	47.0	0.0	103.44
2512	18.0-46.0- 0.0	18.0	46.8	0.0	101.25
2513	18.0-46.0- 0.0	17.8	46.3	0.0	100.16
2518	18.0-46.0- 0.0	18.0	46.5	0.0	100.78
2521	18.0-46.0- 0.0	17.7	47.7	0.0	102.19
2522	18.0-46.0- 0.0	17.9	46.3	0.0	100.31
2524	18.0-46.0- 0.0	17.3	46.8	0.0	100.16
2526	18.0-46.0- 0.0	18.2	46.5	0.0	101.09
2619	18.0-46.0- 0.0	17.7	46.1	0.0	99.69
2711	18.0-46.0- 0.0	18.1	46.1	0.0	100.31
2713	18.0-46.0- 0.0	18.6	46.6	0.0	101.88
2714	18.0-46.0- 0.0	17.2	46.3	0.0	99.22
2715	18.0-46.0- 0.0	18.1	47.4	0.0	102.34
2720	18.0-46.0- 0.0	18.0	46.0	0.0	100.00
2723	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
2906	18.0-46.0- 0.0	18.1	45.7	0.0	99.69

## BULK DRY FERTILIZER

MANUFACTURER			% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash		
MFA PLANT FOODS						
2912	18.0-46.0- 0.0	18.5	46.1	0.0	100.94	
2917	18.0-46.0- 0.0	18.6	46.2	0.0	101.25	
2918	18.0-46.0- 0.0	18.2	45.9	0.0	100.16	
2924	18.0-46.0- 0.0	18.9	46.6	0.0	102.34	
2925	18.0-46.0- 0.0	18.7	46.8	0.0	102.34	
2929	18.0-46.0- 0.0	18.9	46.2	0.0	101.72	
3110	18.0-46.0- 0.0	18.2	46.4	0.0	100.94	
3119	18.0-46.0- 0.0	18.0	47.0	0.0	101.56	
3121	18.0-46.0- 0.0	17.3	46.9	0.0	100.31	
3238	18.0-46.0- 0.0	17.4	45.7	0.0	98.59	
3243	18.0-46.0- 0.0	17.3	45.8	0.0	98.59	
3341	18.0-46.0- 0.0	17.8	46.2	0.0	100.00	
3460	18.0-46.0- 0.0	17.8	44.4	0.0	97.19	
3465	18.0-46.0- 0.0	18.5	46.7	0.0	101.88	
3466	18.0-46.0- 0.0	17.3	46.8	0.0	100.16	
3469	18.0-46.0- 0.0	17.3	46.9	0.0	100.31	
3470	18.0-46.0- 0.0	17.1	46.4	0.0	99.22	
3472	18.0-46.0- 0.0	17.3	46.7	0.0	100.00	
3716	18.0-46.0- 0.0	17.8	45.8	0.0	99.38	
3717	18.0-46.0- 0.0	17.9	45.8	0.0	99.53	
3718	18.0-46.0- 0.0	17.7	46.0	0.0	99.53	
3724	18.0-46.0- 0.0	18.1	46.2	0.0	100.47	
3827	18.0-46.0- 0.0	17.9	46.3	0.0	100.31	
3829	18.0-46.0- 0.0	17.7	46.2	0.0	99.84	
3860	18.0-46.0- 0.0	17.9	46.1	0.0	100.00	
3863	18.0-46.0- 0.0	18.0	46.6	0.0	100.94	
2033**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52	
2280**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52	
3032**	21.0- 0.0- 0.0	21.6	0.0	0.0	102.86	
3034**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48	
3035**	21.0- 0.0- 0.0	21.8	0.0	0.0	103.81	
3188**	21.0- 0.0- 0.0	20.6	0.0	0.0	98.10	
3379**	21.0- 0.0- 0.0	20.6	0.0	0.0	98.10	
3380**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00	
1940	33.5- 0.0- 0.0	34.0	0.0	0.0	101.49	
1839	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47	
1840	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
1841	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59	
1842	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
1843	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59	
1844	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
1847	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
1955	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
1956	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
1957	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76	
2028	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
2029	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47	
2030	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
2031	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
2158	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
2161	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47	
2162	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
2163	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
2164	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
2165	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47	
2166	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
2172	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00	
2265	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
2266	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
2267	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
2268	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47	
2269	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
2270	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
2271	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
2272	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47	
2274	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
2426	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	
2428	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
2430	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59	
2433	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59	
2436	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
2437	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	

MANUFACTURER			% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash		
MFA PLANT FOODS						
2438	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
2439	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47	
2442	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76	
2443	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
2569	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
2767	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59	
2773	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
2783	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	
2784	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	
3007	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
3008	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47	
3017	34.0- 0.0- 0.0	33.3	0.0	0.0	97.94	
3019	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
3023	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47	
3025	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76	
3178	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
3184	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
3279	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59	
3280	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47	
3284	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
3373	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59	
3375	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
3376	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
3378	34.0- 0.0- 0.0	33.4	0.0	0.0	98.24	
3514	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65	
3680	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	
3753	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	
3851	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	
3852	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59	
3216	44.0- 0.0- 0.0	45.1	0.0	0.0	102.50	
1746	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65	
1747	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65	
1748	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30	
1749	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30	
1750	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
1751	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30	
1754	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30	
1755	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30	
1756	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30	
1757	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
1759	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
1760	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	
1761	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
1762	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
1765	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
1766	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
1768	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	
1855	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	
1868	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	
1869	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	
1976	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30	
1977	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
2047	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	
2048	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
2049	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
2050	46.0- 0.0- 0.0	46.1	0.0	0.0	100.22	
2051	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
2052	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
2053	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
2055	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
2063	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30	
2064	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30	
2067	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	
2068	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
2069	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65	
2202	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30	
2203	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30	
2208	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
2209	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	
2219	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	
2220	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	
2221	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA PLANT FOODS		COLUMBIA, MO			
2286	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2287	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2288	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2289	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2291	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2292	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2293	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2295	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2296	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2297	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2299	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2300	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2301	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2302	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2462	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2466	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2471	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2473	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2475	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2476	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2648	46.0- 0.0- 0.0	46.0	0.0	0.0	100.00
2653	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2655	46.0- 0.0- 0.0	46.1	0.0	0.0	100.22
2662	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2667	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2668	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2803	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2805	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2808	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2811	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2814	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2821	46.0- 0.0- 0.0	45.6	0.0	0.0	99.13
2822	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3058	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3060	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3206	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3209	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3215	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3299	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3300	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3301	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
3305	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3403	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3405	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3409	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3410	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3416	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3691	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3692	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3697	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
3807	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES		794	- SMPLS MISBRANDED	5	- 100.82
MFA RIVER TERMINAL		CARUTHERSVILLE, MO			
1937	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
2531	0.0-46.0- 0.0	0.0	46.4	0.0	100.87
1941	33.5- 0.0- 0.0	34.3	0.0	0.0	102.39
#TOTALS - NO. SAMPLES		7	- SMPLS MISBRANDED	0	- 101.03
MFA PLANT FOODS		HAYTI, MO			
1930	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1932	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2012	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
2016	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2119	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2121	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2124	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2127	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
3744	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
3745	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
3776	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
3777	0.0- 0.0-60.0	0.0	0.0	60.5	100.83

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA PLANT FOODS		HAYTI, MO			
2116	0.0-46.0- 0.0	0.0	45.8	0.0	99.57
3774	0.0-46.0- 0.0	0.0	46.1	0.0	100.22
1903	18.0-46.0- 0.0	18.5	47.9	0.0	103.75
1905	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
1988	18.0-46.0- 0.0	18.5	47.7	0.0	103.44
1989	18.0-46.0- 0.0	18.8	48.2	0.0	104.69
2083	18.0-46.0- 0.0	18.2	48.3	0.0	103.91
2086	18.0-46.0- 0.0	17.9	46.4	0.0	100.47
3720	18.0-46.0- 0.0	17.9	46.4	0.0	100.47
3768	18.0-46.0- 0.0	18.6	46.8	0.0	102.19
1960**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52
2034**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
2170**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00
3756**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52
1862	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1863	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1970	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2041	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3694	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
3763	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES		57	- SMPLS MISBRANDED	0	- 100.95
MGM MARKETING, INC		OLATHE, KS			
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	1	- 96.29
MID MISSOURI AGRI SERVICES		CONCORDIA, MO			
2553	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
2612	18.0-46.0- 0.0	17.7	46.1	0.0	99.69
#TOTALS - NO. SAMPLES		2	- SMPLS MISBRANDED	0	- 100.00
MIDWEST FERTILIZER INC		PAOLA, KS			
1807**	0.0- 0.0-20.0	0.0	0.0	21.7	108.50
1914**	0.0- 0.0-20.0	0.0	0.0	21.8	109.00
3833**	0.0- 0.0-20.0	0.0	0.0	21.6	108.00
2640**	0.0- 0.0-21.0	0.0	0.0	21.8	103.81
1810	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
2008	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
2174	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
2175	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
2410	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
3167	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
3839	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
3840	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
1803	18.0-46.0- 0.0	17.9	46.0	0.0	99.84
1890	18.0-46.0- 0.0	17.3	46.4	0.0	99.53
1891	18.0-46.0- 0.0	17.8	46.4	0.0	100.31
1984	18.0-46.0- 0.0	18.2	46.5	0.0	101.09
2195	18.0-46.0- 0.0	18.1	45.9	0.0	100.00
2196	18.0-46.0- 0.0	17.9	46.1	0.0	100.00
2344	18.0-46.0- 0.0	18.3	46.9	0.0	101.88
3111	18.0-46.0- 0.0	17.7	46.4	0.0	100.16
3830	18.0-46.0- 0.0	18.1	46.2	0.0	100.47
1961**	21.0- 0.0- 0.0	21.7	0.0	0.0	103.33
3856**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
1944	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
1945	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
1946	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
2173	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
2570	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2782	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
3179	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
3849	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
3853	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00
1763	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1764	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1854	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2204	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2205	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3049	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3054	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES		73	- SMPLS MISBRANDED	0	- 100.79

## 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			
2944**	0.0- 0.0-21.9	0.0	0.0	22.2	101.37
1915**	0.0- 0.0-22.0	0.0	0.0	21.9	99.55
1916	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1929	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
2006	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
2120	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
2122	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
2125	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
2126	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
2255	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
2258	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
2396	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
2398	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
2400	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
2404	0.0- 0.0-60.0	0.0	0.0	59.5	99.17
2546	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
2549	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
2551	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
2734	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
2735	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
2951	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
2955	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
3262	0.0- 0.0-60.0	0.0	0.0	59.4	99.00
3492	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
3778	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
3782	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
3837	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
3502	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1912	0.0-46.0- 0.0	0.0	46.2	0.0	100.43
2117	0.0-46.0- 0.0	0.0	46.4	0.0	100.87
2118	0.0-46.0- 0.0	0.0	46.3	0.0	100.65
2229	0.0-46.0- 0.0	0.0	46.5	0.0	101.09
2235	0.0-46.0- 0.0	0.0	46.7	0.0	101.52
2529	0.0-46.0- 0.0	0.0	46.7	0.0	101.52
2941	0.0-46.0- 0.0	0.0	46.8	0.0	101.74
3773	0.0-46.0- 0.0	0.0	46.1	0.0	100.22
1904	18.0-46.0- 0.0	17.6	45.2	0.0	98.13
1906	18.0-46.0- 0.0	17.8	46.1	0.0	99.84
1982	18.0-46.0- 0.0	18.5	46.2	0.0	101.09
2084	18.0-46.0- 0.0	18.5	46.7	0.0	101.88
2085	18.0-46.0- 0.0	18.5	46.6	0.0	101.72
2228	18.0-46.0- 0.0	18.3	46.7	0.0	101.56
2326	18.0-46.0- 0.0	18.6	46.1	0.0	101.09
2328	18.0-46.0- 0.0	18.4	46.4	0.0	101.25
2332	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
2335	18.0-46.0- 0.0	18.0	46.0	0.0	100.00
2337	18.0-46.0- 0.0	18.5	46.7	0.0	101.88
2525	18.0-46.0- 0.0	18.3	46.5	0.0	101.25
2613	18.0-46.0- 0.0	18.1	45.9	0.0	100.00
2717	18.0-46.0- 0.0	17.6	45.9	0.0	99.22
2718	18.0-46.0- 0.0	17.7	45.7	0.0	99.06
2913	18.0-46.0- 0.0	18.9	45.5	0.0	100.63
2922	18.0-46.0- 0.0	18.8	45.8	0.0	100.94
3237	18.0-46.0- 0.0	17.4	46.4	0.0	99.69
3456	18.0-46.0- 0.0	17.7	46.8	0.0	100.78
3458	18.0-46.0- 0.0	18.2	46.3	0.0	100.78
3721	18.0-46.0- 0.0	18.2	45.4	0.0	99.38
3516**	21.0- 0.0- 0.0	20.8	0.0	0.0	99.05
3790**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52
2448	33.5- 0.0- 0.0	34.2	0.0	0.0	102.09
2449	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
2450	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
2451	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
3027	33.5- 0.0- 0.0	33.4	0.0	0.0	99.70
3028	33.5- 0.0- 0.0	33.5	0.0	0.0	100.00
3029	33.5- 0.0- 0.0	33.5	0.0	0.0	100.00
3030	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
1953	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
2275	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
2276	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
1861	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1864	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MIDWEST AGRI-CHEMICO, INC		CAPE GIRARDEAU, MO			
1962	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1963	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2045	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2046	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2065	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2211	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2472	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2474	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2651	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2652	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2807	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3207	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
3400	46.0- 0.0- 0.0	45.8	0.0	0.0	99.57
3404	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3695	46.0- 0.0- 0.0	46.1	0.0	0.0	100.22
3762	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES		145	- SMPLS MISBRANDED	0	- 100.70
MK MINERALS INC		WAMEGO, KS			
2788**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
3038**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES		3	- SMPLS MISBRANDED	0	- 100.00
MONTANA SULPHUR & CHEMICAL CO		BILLINGS, MT			
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 100.00
MORRIS FARM CENTER		PIGGOTT, AR			
#TOTALS - NO. SAMPLES		6	- SMPLS MISBRANDED	0	- 100.62
MOSAIC CROP NUTRITION, LLC		LITHIA, FL			
2750	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
2751	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
#TOTALS - NO. SAMPLES		11	- SMPLS MISBRANDED	0	- 100.27
OAKLEY FERTILIZER, INC		NORTH LITTLE ROCK, AR			
1931	0.0- 0.0-60.0	0.0	0.0	61.8	103.00
2399	0.0- 0.0-60.0	0.0	0.0	61.8	103.00
2953	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
2349	0.0-46.0- 0.0	0.0	46.5	0.0	101.09
2329	18.0-46.0- 0.0	18.5	46.2	0.0	101.09
2458**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52
2452	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
3031	33.5- 0.0- 0.0	34.4	0.0	0.0	102.69
#TOTALS - NO. SAMPLES		10	- SMPLS MISBRANDED	0	- 101.40
OAKLEY MISSOURI, INC		CARUTHERSVILLE, MO			
2035**	21.0- 0.0- 0.0	21.3	0.0	0.0	101.43
3854**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
#TOTALS - NO. SAMPLES		17	- SMPLS MISBRANDED	0	- 100.71
PCS SALES USA INC		NORTHBROOK, IL			
3748	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
2749	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
3169	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
3715	11.0-52.0- 0.0	11.2	52.4	0.0	100.95
3725	18.0-46.0- 0.0	18.0	46.1	0.0	100.16
#TOTALS - NO. SAMPLES		10	- SMPLS MISBRANDED	0	- 100.73
PRODUCERS GRAIN #5 - WALKER		WALKER, MO			
1811	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
1802	18.0-46.0- 0.0	18.1	46.3	0.0	100.63
#TOTALS - NO. SAMPLES		2	- SMPLS MISBRANDED	0	- 100.42
RAY-CARROLL COUNTY GRAIN GROWERS, INC		CARROLLTON, MO			
1978	11.0-52.0- 0.0	12.7	51.9	0.0	102.54
2081	11.0-52.0- 0.0	12.5	52.2	0.0	102.70
#TOTALS - NO. SAMPLES		2	- SMPLS MISBRANDED	0	- 102.61
RAY-CARROLL COUNTY GRAIN GROWERS		HARDIN, MO			
1872	11.0-52.0- 0.0	12.6	52.0	0.0	102.54
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 102.54

## 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			
1926	0.0- 0.0-60.0	0.0	0.0	62.3	103.83
1927	0.0- 0.0-60.0	0.0	0.0	62.2	103.67
1928	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
2123	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
2254	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
3835	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
3727**	12.0-40.0- 0.0	12.5	40.9	0.0	102.69
1902	18.0-46.0- 0.0	17.9	46.4	0.0	100.47
2087	18.0-46.0- 0.0	18.2	46.7	0.0	101.41
3719	18.0-46.0- 0.0	18.5	45.6	0.0	100.16
3825	18.0-46.0- 0.0	17.9	46.1	0.0	100.00
3826	18.0-46.0- 0.0	17.9	46.0	0.0	99.84
1958**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
1959**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
2169**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
2171**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
2457**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
1860	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2042	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2043	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2044	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2210	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3693	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3801	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3802	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES 102 - SMPLS MISBRANDED 0 -					101.01
SOUTH CENTRAL COOP		LAMONI, IA			
3670	0.0- 0.0-60.0	0.0	0.0	61.5	102.50
2070**	13.0-40.0- 0.0	13.4	39.0	0.0	98.87
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 -					100.92
STARK BRO'S NURSERIES & ORCHARDS CO		LOUISIANA, MO			
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 -					102.50
STRAATMANN FEED & TRANSFER, INC		LABADIE, MO			
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 -					99.84
SUR-GRO PLANT FOOD		PLATTSBURG, MO			
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 -					100.94
TERRA NITROGEN CORP. - CLAREMORE		SIOUX CITY, IA			
2434	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
3022	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
3281	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
#TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 0 -					100.93
TERRA NITROGEN CORP. - YAZOO CITY		SIOUX CITY, IA			
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 -					100.88
TRANSAMMONIA, INC		TAMPA, FL			
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 -					100.21
UNITED SUPPLIERS, INC		ELDORA, IA			
2402	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2949	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
2961	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
3268	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
3671	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
3867	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
3878	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2748	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
3273	0.0- 0.0-62.0	0.0	0.0	61.9	99.84
3274	0.0- 0.0-62.0	0.0	0.0	61.9	99.84
1775	11.0-52.0- 0.0	11.5	52.2	0.0	101.11
2080	11.0-52.0- 0.0	12.3	52.1	0.0	102.22
2897	11.0-52.0- 0.0	12.0	51.5	0.0	100.79
3339	11.0-52.0- 0.0	11.7	52.9	0.0	102.54
3621	11.0-52.0- 0.0	13.0	51.5	0.0	102.38
1896	18.0-46.0- 0.0	17.7	46.0	0.0	99.53
2331	18.0-46.0- 0.0	18.8	47.6	0.0	103.75
2520	18.0-46.0- 0.0	17.7	46.6	0.0	100.47

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
UNITED SUPPLIERS, INC		ELDORA, IA			
2916	18.0-46.0- 0.0	18.7	46.0	0.0	101.09
3115	18.0-46.0- 0.0	17.4	45.4	0.0	98.13
3116	18.0-46.0- 0.0	17.9	45.7	0.0	99.38
3240	18.0-46.0- 0.0	18.2	45.7	0.0	99.84
3459	18.0-46.0- 0.0	17.6	46.6	0.0	100.31
3471	18.0-46.0- 0.0	17.1	46.1	0.0	98.75
3624	18.0-46.0- 0.0	17.7	46.3	0.0	100.00
3625	18.0-46.0- 0.0	17.6	46.6	0.0	100.31
3770	18.0-46.0- 0.0	18.2	46.3	0.0	100.78
1943	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
2061	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2215	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2468	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3204	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3211	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3806	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3875	46.0- 0.0- 0.0	45.9	0.0	0.0	99.78
#TOTALS - NO. SAMPLES 75 - SMPLS MISBRANDED 0 -					100.95
UNITED SUPPLIERS, INC		NEVADA, IA			
1817	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
1784	11.0-52.0- 0.0	11.8	52.6	0.0	102.22
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 -					102.04
UNITED SUPPLIERS, INC		ST JOSEPH, MO			
1814	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
1815	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
1921	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
1922	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
2017	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
2018	0.0- 0.0-60.0	0.0	0.0	59.8	99.67
2019	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
2133	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
2136	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
2137	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
2948	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
2967	0.0- 0.0-60.0	0.0	0.0	59.8	99.67
3260	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
3265	0.0- 0.0-60.0	0.0	0.0	59.8	99.67
3267	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
3269	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
3270	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
3494	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
3497	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
3498	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
3783	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
3785	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
3868	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
3870	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
3276	0.0- 0.0-62.0	0.0	0.0	61.9	99.84
1873	11.0-52.0- 0.0	12.4	52.1	0.0	102.38
2894	11.0-52.0- 0.0	13.0	51.6	0.0	102.54
2895	11.0-52.0- 0.0	11.2	51.9	0.0	100.16
2896	11.0-52.0- 0.0	11.7	52.7	0.0	102.22
2901	11.0-52.0- 0.0	11.2	52.0	0.0	100.32
3225	11.0-52.0- 0.0	11.0	52.1	0.0	100.16
3226	11.0-52.0- 0.0	11.1	52.1	0.0	100.32
3227	11.0-52.0- 0.0	11.3	52.0	0.0	100.48
3228	11.0-52.0- 0.0	11.4	52.1	0.0	100.79
3230	11.0-52.0- 0.0	10.9	52.1	0.0	100.00
3232	11.0-52.0- 0.0	11.6	53.2	0.0	102.86
3233	11.0-52.0- 0.0	10.3	51.9	0.0	98.73
3234	11.0-52.0- 0.0	11.3	53.1	0.0	102.22
3453	11.0-52.0- 0.0	11.0	52.6	0.0	100.95
3859	11.0-52.0- 0.0	11.0	52.3	0.0	100.48
1897	18.0-46.0- 0.0	17.7	46.7	0.0	100.63
1992	18.0-46.0- 0.0	18.3	46.6	0.0	101.41
1994	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
2099	18.0-46.0- 0.0	18.5	46.3	0.0	101.25
2100	18.0-46.0- 0.0	19.0	48.6	0.0	105.63
3862	18.0-46.0- 0.0	18.0	46.0	0.0	100.00
3020	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59



## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
UNITED SUPPLIERS, INC		ST JOSEPH, MO			
3283	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
2823	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3205	46.0- 0.0- 0.0	44.6	0.0	0.0	96.96*
3213	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3408	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES		71	- SMPLS MISBRANDED	1	- 101.01
UNITED SUPPLIERS, INC		ST LOUIS, MO			
2217	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2218	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
#TOTALS - NO. SAMPLES		22	- SMPLS MISBRANDED	0	- 100.61
VAN DIEST SUPPLY COMPANY		WEBSTER CITY, IA			
3037**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 100.00
YOUNG ENTERPRISES, INC		NEW HARTFORD, MO			
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	1	- 95.76

\* 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 25.

# Totals from July 1, 2010

## 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			
3333**	9.5-14.5-29.5	10.1	15.2	29.5	103.35
3361**	16.0-12.0-20.0	15.3	10.6*	20.0	94.47*
3370**	31.0- 0.0- 0.0	30.7	0.0	0.0	99.03
#TOTALS - NO. SAMPLES		3	- SMPLS MISBRANDED	1	- 98.97
AG COOP SERVICES INC		BOONVILLE, MO			
2879	9.9-25.4-27.6	10.3	25.6	27.5	101.12
2997	17.9-17.9-17.9	18.4	18.5	18.7	103.35
#TOTALS - NO. SAMPLES		6	- SMPLS MISBRANDED	1	- 102.28
AG COOP SERVICES INC		LA MONTE, MO			
2995	21.2-14.2-14.1	20.6	15.0	17.2	104.12
2987	25.0-10.0-10.0	24.6	11.2	11.4	103.75
#TOTALS - NO. SAMPLES		5	- SMPLS MISBRANDED	0	- 101.68
AG COOP SERVICES INC		OTTERVILLE, MO			
2841	28.0- 0.0-23.5	27.8	0.0	23.7	99.75
2839	29.0-12.0-12.0	28.7	13.4	12.7	103.09
#TOTALS - NO. SAMPLES		6	- SMPLS MISBRANDED	0	- 101.51
AG COOP SERVICES INC		SEDALIA, MO			
3767	4.8-22.7-34.8	5.7	23.4	34.1	102.78
2991	24.3- 9.7- 9.7	25.2	10.1	9.6	103.22
3314	27.4-13.7-13.7	27.4	12.4	15.2	98.85
#TOTALS - NO. SAMPLES		5	- SMPLS MISBRANDED	0	- 100.95
AG SERVICE OF LOCKWOOD INC.		LOCKWOOD, MO			
2636	28.6- 5.8- 5.8	28.7	6.2	6.2	101.88
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 101.88
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
3102**	5.1-24.5-27.6	5.2	24.2	28.2	100.23
3103**	5.1-24.5-27.6	5.4	24.8	27.9	101.73
2500	9.0-23.0-30.0	9.3	23.3	30.3	101.60
3218	26.7-13.5-13.2	23.5*	14.8	17.0	100.00
#TOTALS - NO. SAMPLES		9	- SMPLS MISBRANDED	1	- 100.93
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
2501	9.0-23.0-30.0	8.9	22.1	32.0	100.00
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 100.00
BACKES & TOELKE AGRI PRODUCTS INC		NEW HAVEN, MO			
2886**	8.0-20.5-30.5	8.2	19.4	32.4	100.11
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 100.11
BACKES & TOELKE-MARTHASVILLE AG		MARTHASVILLE, MO			
2580**	32.0- 0.0- 0.0	32.7	0.0	0.0	102.19
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 102.19
BARING FARM SERVICE, INC		BARING, MO			
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 111.62
BARRY COUNTY FARMERS CO-OP		EXETER, MO			
2419	17.5-17.5-17.5	19.0	18.0	16.6	103.54
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 103.54
BARRY'S ELEVATOR, LLC		CLARENCE, MO			
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	0	- 100.33
BARTLETT & COMPANY, L.P.		WAVERLY, MO			
3532**	3.2-10.6-10.6	3.2	10.0	10.2	95.81*
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED	1	- 95.81
BARTLETT & COMPANY, L.P.		HIGGINSVILLE, MO			
2859**	15.7-15.7-23.5	15.6	16.2	24.6	102.20
2860**	15.7-15.7-23.5	15.0	15.8	25.4	100.81
2842**	27.6-13.8-10.3	28.0	13.9	10.8	101.61
2843**	27.6-13.8-10.3	27.9	13.6	10.9	100.86
2482	33.6- 5.6-11.2	34.3	5.4	10.6	100.45
#TOTALS - NO. SAMPLES		12	- SMPLS MISBRANDED	0	- 100.68

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
BICHSEL SPREADING SERVICE		LEONARD, MO			
#TOTALS	- NO. SAMPLES	2	- SMPLS MISBRANDED	0	- 101.22
BOLIVAR FARMERS EXCHANGE		BOLIVAR, MO			
#TOTALS	- NO. SAMPLES	1	- SMPLS MISBRANDED	0	- 98.45
BRUMBAUGH INC		TAYLOR, MO			
#TOTALS	- NO. SAMPLES	3	- SMPLS MISBRANDED	0	- 100.76
CAMERON COOP ELEVATOR ASSN		CAMERON, MO			
2887	7.7-19.8-34.0	8.2	19.3	34.8	100.90
#TOTALS	- NO. SAMPLES	1	- SMPLS MISBRANDED	0	- 100.90
CARNEAL FARM SUPPLY, INC		BLAIRSTOWN, MO			
2880	9.1-23.4-29.3	9.7	23.6	29.2	101.59
2992	23.3-11.6-11.6	23.2	11.7	12.8	101.47
2836	29.6-11.8-11.8	28.9	12.6	12.6	101.06
#TOTALS	- NO. SAMPLES	3	- SMPLS MISBRANDED	0	- 101.36
CENTRAL ELEVATOR, INC (OLNEY)		SILEX, MO			
#TOTALS	- NO. SAMPLES	1	- SMPLS MISBRANDED	0	- 99.78
CENTRAL ELEVATOR INC		SILEX, MO			
#TOTALS	- NO. SAMPLES	1	- SMPLS MISBRANDED	0	- 122.35
CENTRAL MISSOURI AGRISERVICE LLC		BLACKBURN, MO			
1871**	5.2-24.4-28.5	5.2	23.8	29.8	100.11
2504**	6.0-28.3-24.8	7.6	28.7	24.3	103.75
#TOTALS	- NO. SAMPLES	8	- SMPLS MISBRANDED	0	- 101.19
CENTRAL MISSOURI AGRISERVICE LLC		MALTA BEND, MO			
2606**	5.7-27.1-27.1	5.6	26.4	27.7	98.92
2607**	5.7-27.1-27.1	6.0	28.2	26.7	102.59
2483	31.3-10.4-10.4	31.2	11.1	10.6	101.49
2484	31.3-10.4-10.4	31.3	9.9	11.3	99.89
3307	35.0- 7.8- 7.8	34.9	8.2	8.3	101.18
3308	35.0- 7.8- 7.8	34.9	8.5	8.3	101.82
#TOTALS	- NO. SAMPLES	8	- SMPLS MISBRANDED	0	- 101.11
CENTRAL MISSOURI AGRISERVICE LLC		MARSHALL, MO			
3616	6.0-28.4-28.4	7.6	27.9	28.3	102.16
2597	19.6-19.6-19.6	19.0	19.8	19.7	99.29
2598	19.6-19.6-19.6	19.6	20.3	19.4	101.22
2592	34.5- 8.1- 8.1	32.6	9.6	10.2	101.39
#TOTALS	- NO. SAMPLES	7	- SMPLS MISBRANDED	0	- 101.10
CENTRAL MISSOURI AGRISERVICE LLC		SLATER, MO			
3100**	5.5-26.0-26.0	5.4	26.3	25.5	99.89
3101**	5.5-26.0-26.0	5.7	26.5	25.6	101.12
2595	30.6-11.5-11.5	13.9*	5.8*	5.2*	46.60*
#TOTALS	- NO. SAMPLES	5	- SMPLS MISBRANDED	1	- 89.61
COOP ASSN #130 - MCKITTRICK		RHINELAND, MO			
3126	0.0-20.0-34.0	0.0	21.1	35.0	104.32
3125	0.0-22.5-31.0	0.0	23.5	31.5	103.29
3066	12.5-31.5-18.5	12.7	31.8	18.8	101.22
3063	27.0- 9.0-18.0	24.2*	11.4	20.2	101.56
#TOTALS	- NO. SAMPLES	4	- SMPLS MISBRANDED	1	- 102.42
COOP ASSN #2 - MARTHASVILLE		WASHINGTON, MO			
3448**	5.0-13.5-41.0	5.1	13.0	42.5	100.90
2491**	11.5-10.0-35.5	11.6	10.7	37.5	104.59
2488	27.0-13.5-13.5	25.8	14.6	15.2	101.59
#TOTALS	- NO. SAMPLES	3	- SMPLS MISBRANDED	0	- 102.31
COOPERATIVE ASSN NO. 2-BULK PLANT		WASHINGTON, MO			
2946**	0.0- 0.0-52.0	0.0	0.0	53.3	102.50
2943	0.0-23.0-30.5	0.0	21.6	32.8	99.35
#TOTALS	- NO. SAMPLES	2	- SMPLS MISBRANDED	0	- 100.62
CROP PRODUCTION SERVICES-3504		BOWLING GREEN, MO			
#TOTALS	- NO. SAMPLES	3	- SMPLS MISBRANDED	0	- 99.89

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
CROP PRODUCTION SERVICES-712		CLARENCE, MO			
#TOTALS	- NO. SAMPLES	1	- SMPLS MISBRANDED	0	- 101.10
CROP PRODUCTION SERVICES-3512		PALMYRA, MO			
#TOTALS	- NO. SAMPLES	4	- SMPLS MISBRANDED	1	- 98.01
CROP PRODUCTION SERVICES-429		PARIS, MO			
#TOTALS	- NO. SAMPLES	1	- SMPLS MISBRANDED	0	- 101.43
CROP PRODUCTION SERVICES-3514		PERRY, MO			
#TOTALS	- NO. SAMPLES	1	- SMPLS MISBRANDED	0	- 103.16
CROP PRODUCTION SERVICES-3528		QUINCY, IL			
#TOTALS	- NO. SAMPLES	3	- SMPLS MISBRANDED	0	- 102.19
CTL FARM SERVICE INC		BETHANY, MO			
3318	20.7-17.5-17.5	20.5	18.5	17.9	102.13
#TOTALS	- NO. SAMPLES	1	- SMPLS MISBRANDED	0	- 102.13
D & D SUPPLY		LONE JACK, MO			
3617**	5.5-14.5-14.5	6.2	15.1	15.3	106.24
3546	30.5-11.0-11.0	31.1	11.3	11.4	102.34
#TOTALS	- NO. SAMPLES	4	- SMPLS MISBRANDED	0	- 102.81
DALLAS COUNTY FARMERS EXCHANGE		BUFFALO, MO			
2559	22.4- 7.4-14.9	21.8	7.4	14.7	98.12
#TOTALS	- NO. SAMPLES	1	- SMPLS MISBRANDED	0	- 98.12
DALLAS COUNTY FARMERS EXCH-URBANA		BUFFALO, MO			
3000	17.7-17.7-17.7	18.0	15.9*	18.6	97.63
2993	23.3-11.6-11.6	24.2	10.3*	11.1	98.40
#TOTALS	- NO. SAMPLES	2	- SMPLS MISBRANDED	2	- 97.99
DONLEY FEED & FERTILIZER		THORNFIELD, MO			
2998	17.8-17.8-17.8	17.8	17.7	20.6	102.92
2985	28.3- 5.7- 5.7	27.8	6.0	6.8	100.95
#TOTALS	- NO. SAMPLES	2	- SMPLS MISBRANDED	0	- 102.02
DUNCAN AGRI SERVICE INC		SAVANNAH, MO			
3512**	17.0- 7.0- 9.0	16.8	5.8*	6.9*	91.40*
#TOTALS	- NO. SAMPLES	1	- SMPLS MISBRANDED	1	- 91.40
FARMERS 280 FERTILIZER COMPANY LLC		FREEBURG, MO			
#TOTALS	- NO. SAMPLES	1	- SMPLS MISBRANDED	0	- 99.32
FARMER'S AG & GRAIN SUPPLY, INC.		DEERFIELD, MO			
3098	9.0-23.0-30.0	9.2	23.8	29.3	101.38
#TOTALS	- NO. SAMPLES	1	- SMPLS MISBRANDED	0	- 101.38
FARMERS COOPERATIVE SERVICES, INC		EWING, MO			
#TOTALS	- NO. SAMPLES	3	- SMPLS MISBRANDED	0	- 101.67
FARMERS COOPERATIVE SERVICES, INC		PALMYRA, MO			
#TOTALS	- NO. SAMPLES	2	- SMPLS MISBRANDED	0	- 99.50
FARMERS ELEVATOR AND SUPPLY CO.		CLINTON, MO			
3315	27.2-13.6-13.6	24.3*	11.7*	19.6	96.22*
3316	27.2-13.6-13.6	30.2	10.9*	12.5	99.47
#TOTALS	- NO. SAMPLES	2	- SMPLS MISBRANDED	2	- 97.84
FARMERS ELEVATOR & SUPPLY CO, INC.		HAWK POINT, MO			
#TOTALS	- NO. SAMPLES	1	- SMPLS MISBRANDED	0	- 98.13
FARMERS PRODUCE EXCHANGE-CONWAY		LEBANON, MO			
3001	14.1-14.1-26.4	16.2	14.0	23.0*	100.72
2999	17.7-17.7-17.7	18.6	17.2	16.7	99.77
2996	20.2- 6.7-20.2	19.8	6.7	21.4	100.54
#TOTALS	- NO. SAMPLES	3	- SMPLS MISBRANDED	1	- 100.32
FARMERS PRODUCE EXCHANGE-LEBANON		LEBANON, MO			
#TOTALS	- NO. SAMPLES	1	- SMPLS MISBRANDED	1	- 97.84

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
FOWLER ELEVATOR, INC-HARRIS NEWTOWN, MO					
2420	23.0-11.0-11.0	22.9	12.4	12.4	105.06
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 105.06					
FOWLER ELEVATOR - EAST UNIONVILLE, MO					
3365	23.0-11.5-11.5	23.4	12.0	11.4	102.11
3298	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 101.21					
FREISTATT FARMERS EXCHANGE FREISTATT, MO					
2760	22.8- 7.6-15.2	23.0	7.2	15.4	99.74
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.00					
GAGE'S FERTILIZER & GRAIN, INC ALBANY, MO					
2878	10.1-26.0-26.0	10.7	26.4	25.9	101.93
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.93					
GAGE'S FERTILIZER & GRAIN, INC BETHANY, MO					
3371	33.9- 0.0- 0.0	34.1	0.0	0.0	100.59
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 101.17					
GOLDEN FURROW FERTILIZER, INC. MEMPHIS, MO					
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 101.80					
GUIER CHEMICAL & FERTILIZER HOUSTONIA, MO					
3367	23.4-11.7-11.7	24.2	11.8	11.0	101.34
3368	23.4-11.7-11.7	24.2	11.0	11.4	99.88
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 0 - 100.46					
HEIMAN AGRI-SERVICES, INC BUTLER, MO					
3816	9.0-23.0-30.0	9.2	22.9	30.4	100.64
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.64					
HEIMSOOTH AGRI SERVICE INC CORDER, MO					
2604	7.1-33.5-20.9	7.1	33.2	22.0	100.49
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.49					
HILLER CUSTOM SPREADING HOUSTONIA, MO					
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 103.46					
HODGES FERTILIZER PERRY, MO					
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.74					
HOFFMAN & REED, INC GILMAN CITY, MO					
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 103.56					
HOFFMAN & REED, INC TRENTON, MO					
2758	11.9-23.9-23.8	11.7	24.0	24.3	100.31
2762	24.8- 9.9- 9.9	23.7	10.2	10.0	98.11
2766	34.0- 0.0- 0.0	33.6	0.0	0.0	98.82
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 99.56					
HUMPHREY FEED & SEED MONTICELLO, MO					
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 103.97					
JONES BROS. AGRI SERVICE, LLC LA MONTE, MO					
3618	4.5-22.5-33.5	5.1	21.8	35.2	101.71
2888	6.0-28.0-28.0	6.8	28.8	27.4	102.71
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 101.67					
KEENEY FERTLIZER SERVICE, INC OWENSVILLE, MO					
2849	27.0-10.0-16.0	27.1	11.2	16.2	103.11
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 103.11					
KOTTWITZ FERT. CO. OSCEOLA, MO					
2847	27.0-13.0-13.0	25.7	15.2	14.0	103.01
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 103.01					
ORRICK FARM SERVICE LAWSON, MO					
2990	24.3- 6.1-12.2	25.0	6.8	12.8	104.66
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 104.66					

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
LINCOLN COUNTY FARMERS COOP, INC TROY, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.19					
LOHMAN PRODUCERS EXCHANGE LOHMAN, MO					
2535	9.0- 4.5- 4.5	8.3	4.2	4.0*	92.06*
2856	23.0- 8.5-23.0	23.3	9.1	23.3	102.44
2837	29.5-11.5-11.5	29.0	11.6	13.6	101.39
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 1 - 100.42					
LOIDA AG SERVICE, LLC MCBRIDE, MO					
2503	9.0-23.0-30.0	9.3	23.2	30.0	101.06
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.06					
LOIDA AG SERVICE LLC STE GENEVIEVE, MO					
2502	9.0-23.0-30.0	9.8	24.1	28.8	102.77
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.77					
LOWRY CITY FARMERS EXCHANGE/ LOWRY CITY, MO					
2201	27.3-13.6-13.6	26.8	13.7	15.4	101.05
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.05					
MIDWEST FERTILIZER HARWOOD, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 109.22					
MFA AGRI SERVICES ASH GROVE, MO					
2704**	3.8- 9.9-39.7	4.2	9.7	40.2	101.34
2759	22.8- 7.6-15.2	23.5	7.4	14.8	100.79
2761	23.4-11.7-11.7	23.8	11.1	11.3	99.02
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.31					
MFA AGRI SERVICES BETHANY, MO					
2846	27.2-13.6-13.6	26.6	15.4	13.7	102.63
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.63					
MFA AGRI SERVICES BOONVILLE, MO					
3822	4.4-11.3-45.1	4.6	11.7	46.1	102.88
2884**	8.5-21.8-28.4	9.1	22.7	27.2	102.02
3443	9.5-25.0-27.0	9.8	26.0	26.3	101.98
2677**	25.4-12.7-12.7	25.2	12.2	13.5	99.33
2845	27.4-13.7-13.7	27.8	16.6	11.0*	104.07
2840	28.3-13.0-13.0	28.3	14.8	11.8	102.51
#TOTALS - NO. SAMPLES 8 - SMPLS MISBRANDED 1 - 102.13					
MFA AGRI SERVICES BROWNING, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.21					
MFA AGRI SERVICE - LONE ELM BUNCETON, MO					
3444	9.0-23.0-31.0	8.9	23.8	30.7	101.16
3817	9.0-23.0-31.0	9.1	23.5	31.2	101.47
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 0 - 101.03					
MFA AGRI SERVICES CALIFORNIA, MO					
3818	7.2-18.5-37.1	7.4	18.5	37.8	101.24
2858	15.9-10.6-31.9	16.1	10.0	32.5	99.76
3423	16.4-21.8-21.9	16.2	21.6	23.0	100.31
2844	27.4-13.7-13.8	27.4	13.9	13.8	100.42
2485	29.1-12.4-12.5	29.4	12.5	12.5	100.84
2831	31.7-10.5-10.5	31.7	11.5	10.5	102.11
3418	31.7-10.6-10.6	31.9	10.8	10.2	100.42
3419	31.7-10.5-10.5	31.9	11.4	9.9	101.69
2593	34.3- 8.6- 8.7	33.3	9.5	9.9	101.06
2829	34.3- 8.6- 8.6	34.2	9.1	8.8	101.06
#TOTALS - NO. SAMPLES 10 - SMPLS MISBRANDED 0 - 100.89					
MFA AGRI SERVICES CANTON, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 97.91					
MFA AGRI SERVICES CARYTOWN, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 96.92					
MFA AGRI SERVICES CENTRALIA, MO					
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.70					

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA AGRI SERVICES CHILLICOTHE, MO					
3303	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.43					
MFA AGRI SERVICES COLUMBIA, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 103.59					
MFA AGRI SERVICES CONCEPTION JCT, MO					
2889	5.9-28.0-28.0	6.5	28.1	28.7	102.19
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.19					
MFA AGRI SERVICES ELSBERRY, MO					
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 101.10					
MFA AGRI SERVICES FARMINGTON, MO					
2676	26.5- 8.5-17.5	25.8	9.6	19.4	103.09
2674	27.5-18.5- 9.0	26.2	20.0	11.2	102.57
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 102.81					
MFA AGRI SERVICES FULTON, MO					
3363	19.5-16.0-16.0	20.0	15.3	16.2	99.77
3369	24.5-10.5-10.5	23.7	10.2	12.6	99.88
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.82					
GLASGOW MFA GLASGOW, MO					
2608	3.5-16.5-41.5	3.7	15.6	43.6	100.86
3449**	4.5-21.0-33.0	4.4	20.6	35.1	101.31
2605**	6.0-30.0-22.5	6.6	29.4	24.5	102.12
2861	15.2-22.7-22.8	15.2	22.5	23.3	100.10
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 0 - 100.91					
MFA AGRI SERVICES HAMILTON, MO					
2027	23.4-11.7-11.6	24.1	11.8	11.0	101.22
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.22					
MFA AGRI SERVICES HANNIBAL, MO					
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.61					
MFA AGRI SERVICES HIGGINSVILLE, MO					
2596	27.3-13.6-13.7	27.3	14.8	12.6	101.36
#TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 0 - 100.63					
MFA AGRI SERVICES IANTHA, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.95					
MFA AGRI SERVICES IRWIN, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.06					
MFA AGRI SERVICES JEFFERSON CITY, MO					
2885	8.0-21.0-34.0	8.2	20.5	34.5	99.89
2881	9.0-23.0-31.0	8.9	21.7	32.8	98.95
2882	9.0-23.0-31.0	9.4	23.4	30.5	101.16
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.00					
MFA AGRI SERVICES KAHOKA, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.11					
MFA AGRI SERVICES KIRKSVILLE, MO					
2594	22.5-11.2-22.5	21.4	11.6	22.6	98.55
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.55					
MFA AGRI SERVICES LABELLE, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.67					
MFA AGRI SERVICES LADDONIA, MO					
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.38					
MFA AGRI SERVICES LEXINGTON, MO					
2892**	5.6-26.6-26.6	6.0	26.8	26.5	101.21
3099**	5.6-26.6-26.6	5.9	26.4	26.8	100.44
3336	5.9-28.0-28.0	6.9	28.7	27.0	102.51
3334**	7.1-24.6-24.6	8.0	24.9	24.3	102.39
3335**	7.1-24.6-24.6	7.9	24.9	24.4	102.27

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA AGRI SERVICES LEXINGTON, MO					
2603**	9.2-23.6-23.6	9.5	24.0	23.9	101.91
2641**	9.2-23.6-23.6	9.6	24.3	24.1	103.03
#TOTALS - NO. SAMPLES 7 - SMPLS MISBRANDED 0 - 101.96					
MFA AGRI SERVICES LOCKWOOD, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.02					
MFA AGRI SERVICES MACON, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.81					
MFA AGRI SERVICES MANSFIELD, MO					
2988	24.8- 6.2-12.4	25.9	6.1	11.9	102.02
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.02					
MFA AGRI SERVICES MARTINSBURG, MO					
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 1 - 97.69					
MFA AGRI SERVICES MAYSVILLE, MO					
3366	23.3-11.6-11.6	23.9	13.4	10.8	104.91
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 104.91					
MFA AGRI SERVICES MEMPHIS, MO					
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.19					
MFA AGRI SERVICES MEXICO, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.88					
MFA AGRI SERVICES MILAN, MO					
3619	4.3-11.1-46.9	4.3	10.8	47.8	100.39
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.39					
MFA AGRI SERVICES MONTGOMERY CITY, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 103.22					
MFA AGRI SERVICES MT VERNON, MO					
2765	24.7- 0.0-16.3	25.6	0.0	15.4	101.37
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.37					
MFA AGRI SERVICE NELSON, MO					
3421**	22.4-13.4-17.9	23.3	13.7	17.9	102.68
3422**	22.4-13.4-17.9	22.9	13.9	17.9	102.23
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 101.30					
MFA AGRI SERVICES NEOSHO, MO					
3176	22.8- 7.6-15.2	23.8	7.0	14.3	99.87
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.87					
MFA AGRI SERVICES NORBORNE, MO					
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.74					
MFA AGRI SERVICES ODESSA, MO					
2854**	25.1-16.8-12.5	25.0	17.6	12.8	101.77
2835	29.7-11.9-11.9	30.0	13.1	10.8	102.00
3313	30.9-10.3-10.3	31.0	9.2*	13.2	100.97
2833	31.2- 9.7-11.7	31.4	10.8	10.8	101.82
2834	31.2- 9.7-11.7	31.4	10.3	11.1	101.07
3311	31.0-10.5-10.5	33.2	11.9	7.9*	104.92
3312	31.6-10.5-10.5	32.6	11.6	9.2*	103.06
#TOTALS - NO. SAMPLES 12 - SMPLS MISBRANDED 5 - 100.96					
MFA AGRI SERVICES OWENSVILLE, MO					
2986	26.0- 6.5- 6.5	26.7	6.0	6.3	100.28
2832	31.5-10.5-10.5	31.3	10.8	11.3	101.06
2830	34.0- 8.5- 8.5	32.8	8.7	11.2	100.75
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.73					
MFA AGRI SERVICES PATTONSBURG, MO					
2883**	8.8-31.2-15.3	9.7	30.5	15.9	101.05
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.05					
AGCHOICE ROCK PORT, MO					
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 104.00					

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA AGRI SERVICES		ROLLA, MO			
3364**	20.5- 6.5-15.0	21.9	6.3	13.8	101.74
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.74
MFA AGRI SERVICES		ST CLAIR, MO			
2675	27.0-10.5-16.0	27.8	9.9	15.8	100.22
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.22
MFA AGRI SERVICES		ST JOSEPH, MO			
3317**	22.1-16.5-13.8	22.6	16.8	13.8	101.76
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.76
MFA AGRI SERVICES		ST MARY, MO			
2489**	25.0-10.0-15.0	23.8	9.5	17.2	98.59
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.00
MFA AGRI SERVICES		STE GENEVIEVE, MO			
2487	27.0-10.5-16.0	27.9	10.1	15.9	100.99
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.99
MFA AGRI SERVICES		SALEM, MO			
3362	17.5-17.5-17.5	18.0	17.1	18.0	100.80
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.80
MFA AGRI SERVICES		SALISBURY, MO			
2703**	4.4-20.8-34.8	4.5	20.6	35.6	100.70
2695	9.0-23.1-30.8	8.9	22.4	32.3	99.89
2684	14.2-19.9-26.5	14.6	19.7	26.1	100.00
2682	17.3-17.9-23.9	17.5	16.8	24.7	98.94
3420	30.2-11.6-11.6	28.5	13.2	13.0	101.26
#TOTALS - NO. SAMPLES		8 - SMPLS	MISBRANDED	1 -	99.89
MFA AGRI SERVICES		SEDALIA, MO			
3062	29.8-11.9-11.9	30.0	12.1	12.2	101.15
3306**	40.6- 0.0- 0.0	41.9	0.0	0.0	103.20
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	101.43
MFA AGRI SERVICES		SHELBINA, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.97
MFA AGRI SERVICES		SHERIDAN, MO			
2939	26.1- 8.7- 8.7	26.7	7.9	8.6	99.36
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.36
MFA AGRI SERVICES		SPRINGFIELD, MO			
3677	21.3-10.6-16.2	23.2	9.4*	13.2*	98.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	98.00
MFA AGRI SERVICES		TIPTON, MO			
3446	8.5-21.8-32.7	8.5	22.6	32.5	101.50
3447	8.5-21.8-32.7	8.3	21.9	33.2	100.32
3002	11.7- 0.0-40.8	11.9	0.0	42.5	103.27
2855	24.2-16.1-16.1	24.3	17.1	15.7	101.86
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED	1 -	100.37
MFA AGRI SERVICES		TRENTON, MO			
2698	7.0-33.4-22.5	7.5	33.1	23.4	101.26
2699	7.0-33.4-22.5	7.8	33.2	23.4	102.03
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	101.64
MFA AGRI SERVICES		VANDALIA, MO			
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.00
MFA AGRI SERVICES		WARRENTON, MO			
2678	21.5-13.0-21.5	21.3	12.4	23.2	100.11
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.11
MFA AGRI SERVICES		WENTZVILLE, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.30
MFA PLANT FOODS		COLUMBIA, MO			
3175	6.1-15.7-39.3	7.3	17.6	37.4	105.19
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	105.19

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA EXCHANGE OF CHAMOIS		CHAMOIS, MO			
2857	16.5-14.0-28.0	16.0	13.8	29.4	100.00
2828	35.5- 0.0-14.0	34.6	0.0	15.6	99.76
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	99.88
MFA EXCHANGE - META		META, MO			
2994	23.0-11.5-11.5	23.8	10.7	12.4	101.12
2989	24.5- 6.0-12.5	25.8	5.8	12.0	102.31
2838	29.5- 7.5-15.0	32.0	8.2	12.5*	104.38
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	1 -	102.67
MID MISSOURI AGRI SERVICES		CONCORDIA, MO			
3105**	4.8-22.8-32.5	7.7	19.9*	30.0*	97.15
3337	5.4-25.9-31.0	6.3	27.4	30.1	104.17
2702**	5.7-26.9-27.0	6.8	29.4	25.2	105.86
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED	1 -	101.68
MONROE COUNTY SERVICE CO		PARIS, MO			
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	99.81
MONTROSE AGRI SERVICE		MONTROSE, MO			
3678	22.8-12.0-12.0	23.4	11.0	12.5	99.63
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.63
NECO SEED FARM		GARDEN CITY, MO			
3821	5.3-25.4-30.5	6.0	24.2	32.0	100.54
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	101.54
NORTHEAST MO COOPERATIVE SERVICE		EDINA, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.50
OLEAN FERTILIZER INC		OLEAN, MO			
2850	27.0- 9.0-18.0	26.5	9.2	19.4	100.89
2851	27.0- 9.0-18.0	26.1	9.4	19.3	100.33
2852	27.0- 9.0-18.0	26.5	9.5	18.5	100.56
2853	27.0- 9.0-18.0	25.9	9.2	19.8	100.00
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	100.44
ORRICK FARM SERVICE, INC		ORRICK, MO			
2763	25.2-13.4- 5.0	24.7	15.2	5.5	103.77
2764	25.2-13.4- 5.0	24.8	14.6	5.5	102.55
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	103.16
PIERCE CITY AG SERVICE LLC.		PIERCE CITY, MO			
2634	22.5- 7.5-15.0	23.3	6.4*	15.5	99.87
2635	22.5- 7.5-15.0	23.1	7.2	15.4	101.33
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	1 -	100.60
PILOT GROVE COOPERATIVE ELEVATOR		PILOT GROVE, MO			
2700	6.5-17.5-38.0	7.3	17.7	37.8	102.09
2693	12.0-30.5-20.5	12.0	31.1	19.3	100.00
2679	19.5-19.5-19.5	19.4	20.3	18.9	100.82
2680	19.5-19.5-19.5	20.3	19.6	18.4	100.72
3064**	25.5-15.5-12.5	27.7	14.6	12.1	102.33
3067	34.0- 8.5- 8.5	34.5	8.0	9.0	100.53
#TOTALS - NO. SAMPLES		8 - SMPLS	MISBRANDED	0 -	100.81
PRAIRIE HOME COOP		PRAIRIE HOME, MO			
3445	8.6-21.9-32.8	8.4	22.3	32.4	100.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.00
PRODUCE EXCHANGE		GOLDEN CITY, MO			
2673	28.5-14.2-11.8	28.6	11.0*	14.6	96.50*
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	1 -	99.14
PRODUCERS GRAIN COMPANY/FERT. DIV.		NEVADA, MO			
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.88
PRODUCERS GRAIN CO-BRONAUGH		BRONAUGH, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.21

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
PRODUCERS GRAIN CO.		EL DORADO SPRINGS, MO			
2558	18.3-11.5-20.6	19.4	11.3	19.6	101.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.00
PRODUCERS GRAIN #5 - WALKER		WALKER, MO			
2490**	20.4-13.6-17.0	22.0	13.8	15.0*	101.88
2486	27.3-13.6-13.6	27.3	13.5	14.2	100.42
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	1 -	101.14
PROFESSIONAL AG SERVICE, INC		LATHROP, MO			
2691**	14.9-21.5-13.8	14.4	20.9	16.2	100.23
2692**	14.9-21.5-13.8	15.0	22.0	14.5	102.19
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	101.21
QUINN FARM SUPPLY, INC		MONROE CITY, MO			
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	103.69
RAY CARROLL COUNTY GRAIN GROWERS		BRUNSWICK, MO			
2890	5.9-27.8-27.8	6.0	26.9	29.1	99.68
2891	5.9-27.8-27.8	6.0	26.5	30.0	99.79
2701**	6.4-21.5-21.5	6.3	21.9	22.6	102.20
2696**	7.6-24.6-23.0	7.7	25.5	22.7	101.95
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	0 -	100.81
RAY-CARROLL COUNTY GRAIN GROWERS, INC		CARROLLTON, MO			
2505	4.7-21.7-34.8	5.1	21.0	35.5	100.11
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	100.80
RAY-CARROLL COUNTY GRAIN GROWERS		HARDIN, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	102.01
RAY-CARROLL COUNTY GRAIN GROWERS		MAYVIEW, MO			
3309	31.7-10.5-10.5	28.4*	12.3	13.8	100.32
3310	31.7-10.5-10.5	32.2	10.3	10.3	100.42
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	1 -	101.12
RAY-CARROLL COUNTY GRAIN GROWERS		NORBORNE, MO			
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	101.07
RHINELAND GRAIN - JONESBURG GRAIN		JONESBURG, MO			
2685	12.5-14.5-31.0	12.3	14.2	33.0	101.18
2686	12.5-14.5-31.0	12.8	14.2	32.1	101.29
2681	19.0-19.0-19.0	18.5	19.6	20.6	101.89
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	101.47
RICHLAND PLANT FOOD SERVICE, INC		RICHLAND, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	102.23
RICKETTS FARM SERVICE -SOUTH PLANT		CAIRO, MO			
2638**	33.5- 0.0- 0.0	32.9	0.0	0.0	98.21
2639**	33.5- 0.0- 0.0	32.7	0.0	0.0	97.61
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	98.82
RICKETTS FARM SERVICE INC		SALISBURY, MO			
2694	10.3-26.4-26.4	10.6	27.2	25.6	101.40
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	100.90
RICKETT'S FARM SERVICE		SHELBYNA, MO			
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	98.35
RKL PLANT FOODS LLC		MARIONVILLE, MO			
3177**	26.5- 7.1- 8.7	27.0	6.7	8.2	99.60
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.60
W.A. ROOTES AND CO		TEBBETTS, MO			
3417	33.0- 9.0- 9.5	31.4	10.5	11.2	101.60
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.60
SALISBURY AG CENTER, INC		SALISBURY, MO			
2697**	7.5-20.0-30.0	8.1	20.3	30.4	102.59
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED	0 -	102.00

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
SCHAFFER FERTILIZER, INC		MARTINSBURG, MO			
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	98.89
SEED & FARM SUPPLY, INC.		LIBERAL, MO			
3819	6.0-15.3-40.0	6.1	15.1	41.4	101.45
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.45
SERVICE AND SUPPLY COOPERATIVE, INC		BELLFLOWER, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	102.27
SERVICE AND SUPPLY COOPERATIVE, INC		BOWLING GREEN, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.89
SERVICE AND SUPPLY COOPERATIVE, INC		NEW FLORENCE, MO			
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.78
SERVICE AND SUPPLY COOPERATIVE, INC		VANDALIA, MO			
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	101.01
JEFF SHRABLE LLC,		SEYMOUR, MO			
2984	26.8- 0.0-12.0	25.8	0.0	13.5	99.24
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.24
SOUTH CENTRAL COOP		CAINSEVILLE, MO			
3811	32.0- 9.0- 9.0	32.6	9.0	10.2	102.64
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	102.97
ST CHARLES COUNTY COOPERATIVE CO		ST CHARLES, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.72
STAR FARM		MEXICO, MO			
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	100.35
STOCKMAN FEED AND FERTILIZER		JEFFERSON CITY, MO			
2848	27.0-13.5-13.5	26.2	14.4	15.5	102.33
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	102.33
STRAATMANN FEED & TRANSFER, INC		LABADIE, MO			
3545	37.5- 6.0- 6.0	38.4	6.0	5.4	101.29
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.29
SUR-GRO PLANT FOOD		APPLETON CITY, MO			
3615	9.0-23.0-30.0	7.5*	18.6*	37.6	95.53*
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	1 -	98.02
SUR-GRO PLANT FOOD		COWGILL, MO			
2499	10.0-26.0-26.0	10.7	27.0	25.9	103.37
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	103.37
SUR-GRO PLANT FOOD		KING CITY, MO			
3104	5.1-24.5-32.7	5.1	26.0	31.4	101.85
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.85
SUR-GRO PLANT FOOD		SAVANNAH, MO			
3513	26.9- 7.7- 7.7	27.8	7.6	7.3	101.56
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.56
T & R SOIL SERVICE		CHILLICOTHE, MO			
3627	0.0-13.4-45.9	0.0	14.0	45.4	100.96
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.96
TWO RIVERS FS, INC.		KAHOKA, MO			
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	1 -	97.98
UNITED COOPERATIVES INC		PLATTSBURG, MO			
2877	11.0-28.2-23.5	10.3	28.2	24.8	99.90
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.90
WASHINGTON COUNTY FARM SUPPLY		BELGRADE, MO			
2683	17.0-17.0-17.0	16.4	16.8	18.5	99.88
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.88

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
WEST CENTRAL AGRISERVICES, LLC		ADRIAN, MO			
3820	5.9-27.8-27.8	6.2	26.4	30.0	100.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.00
WEST CENTRAL AGRI SERVICE LLC		CENTERVIEW, MO			
2633	16.2-19.4-19.4	16.4	19.5	20.4	101.77
3547	29.8- 9.1-13.7	30.1	8.9	13.8	100.33
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED	0 -	101.25
WEST CENTRAL AGRI SERVICES LLC		RICH HILL, MO			
3614	10.1-26.0-26.0	10.5	26.6	25.4	101.43
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.43

\* 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 25.

# Totals from July 1, 2010

## LIQUID FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
AG MANAGEMENT SYSTEMS, INC		KANSAS CITY, MO			
2645	6.0-24.0- 6.0	6.0	23.9	6.4	100.30
2646	6.0-24.0- 6.0	7.2	27.6	6.8	115.76
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	108.03
AGRI-GRO MARKETING, INC.		DONIPHAN, MO			
2798**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.00
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
2790	2.9- 8.9- 8.9	4.1	8.8	8.5	105.54
3296**	3.2- 6.6-11.0	4.0	6.8	11.2	107.19
3290	3.0- 9.0-27.0	3.1	9.1	27.5	101.76
3291	3.0- 9.0-27.0	3.2	9.3	27.3	102.55
2791	3.5-10.7-12.8	3.7	10.8	12.4	100.49
2792**	16.6- 2.7- 8.3	17.1	2.7	7.9	101.28
2795**	25.2- 0.0- 0.0	24.3	0.0	0.0	96.43*
#TOTALS - NO. SAMPLES		10 - SMPLS	MISBRANDED	1 -	100.58
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
1850	28.0- 0.0- 0.0	27.8	0.0	0.0	99.29
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.29
AGROTAIN INTERNATIONAL, LLC		ST LOUIS, MO			
2794	14.8- 0.0- 0.0	14.3	0.0	0.0	96.62*
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	96.62
BARTLETT & COMPANY, L.P.		WAVERLY, MO			
3292	4.2-12.8-12.8	4.2	11.9	12.3	95.09*
3293	6.3-19.0-11.9	5.9	16.8*	11.6	91.20*
2459**	8.9- 8.9-11.1	9.1	8.6	13.2	104.07
2460	17.1- 8.5- 8.5	17.1	8.2	10.8	102.85
2283**	29.0- 0.0- 0.0	29.7	0.0	0.0	102.41
2461**	29.0- 0.0- 0.0	27.4	0.0	0.0	94.48*
3760**	29.6- 0.0- 0.0	29.0	0.0	0.0	97.97
#TOTALS - NO. SAMPLES		11 - SMPLS	MISBRANDED	6 -	97.28
CENTRAL MISSOURI AGRISERVICE LLC		BLACKBURN, MO			
3757**	3.5- 8.0-13.9	4.7	9.6	13.6	114.36
3387	6.0- 6.0- 6.0	6.4	6.5	5.8	105.33
3388	6.0- 6.0- 6.0	6.2	6.5	6.2	105.33
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	108.77
CF INDUSTRIES, INC		DEERFIELD, IL			
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.00
CROP PRODUCTION SERVICES-CORP		LOVELAND, CO			
2285	32.0- 0.0- 0.0	31.6	0.0	0.0	98.75
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.75
GAVILON FERTILIZER, LLC		ALEXANDRIA, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.62
GAVILON FERTILIZER LLC		SAUGET, IL			
3039	10.0-34.0- 0.0	11.3	33.2	0.0	101.14
2797	32.0- 0.0- 0.0	31.7	0.0	0.0	99.06
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.26
GAVILON FERTILIZER, LLC		ST JOSEPH, MO			
3202	32.0- 0.0- 0.0	31.9	0.0	0.0	99.69
3398	32.0- 0.0- 0.0	31.9	0.0	0.0	99.69
3858	32.0- 0.0- 0.0	31.7	0.0	0.0	99.06
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	99.47
GOLDEN TRIANGLE ENERGY, LLC		CRAIG, MO			
3399	0.0- 0.1- 0.2	0.0	0.1	0.2	100.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.00
GRANITE CITY TERMINAL LLC		GRANITE CITY, IL			
2586	32.0- 0.0- 0.0	31.9	0.0	0.0	99.69
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.69

## LIQUID FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
L & L PLANT FOOD		CARTHAGE, MO			
3040**	14.5- 0.0- 0.0	13.7	0.0	0.0	94.48*
3041**	15.0- 0.0- 0.0	15.5	0.0	0.0	103.33
3042**	15.0- 0.0- 0.0	15.6	0.0	0.0	104.00
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	1 -	101.47
LITER FERTILIZER & CHEMICAL INC		CENTER, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.16
MEARS FERTILIZER, INC		EL DORADO, KS			
2037**	8.0-20.0- 5.0	8.6	19.9	5.0	101.64
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.64
MERSCHMAN FERTILIZR LLC-(FT MADISON)		WEST POINT, IA			
3391	4.0-10.0-10.0	4.4	10.3	10.2	104.21
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	104.47
GLASGOW MFA		GLASGOW, MO			
2793	20.8-10.4- 5.2	21.0	10.4	5.4	100.89
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.89
MFA AGRI SERVICES		LEVASY, MO			
3289	2.2- 6.6-13.2	2.6	7.6	11.1*	102.27
2583**	3.4- 8.5-11.3	3.5	8.4	10.9	98.86
3294	7.9- 9.0-11.3	8.0	9.6	11.1	102.66
3295	7.9- 9.0-11.3	8.3	9.2	11.0	102.00
2796**	28.0- 0.0- 0.0	27.4	0.0	0.0	97.86
#TOTALS - NO. SAMPLES		7 - SMPLS	MISBRANDED	2 -	99.07
MFA AGRI SERVICES		MEXICO, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	102.83
MFA AGRI SERVICES		NORBORNE, MO			
3397**	30.0- 0.0- 0.0	29.2	0.0	0.0	97.33
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	97.33
MFA PLANT FOODS		COLUMBIA, MO			
2284	32.0- 0.0- 0.0	31.2	0.0	0.0	97.50
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	1 -	95.93
MIDWEST FERTILIZER INC		PAOLA, KS			
3533	28.0- 0.0- 0.0	28.3	0.0	0.0	101.07
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.07
MIDWEST AGRI-CHEMICO, INC		CAPE GIRARDEAU, MO			
2585**	12.0- 0.0- 0.0	12.4	0.0	0.0	103.33
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	103.33
NUTRA FLO COMPANY		SIOUX CITY, IA			
3392	6.0-24.0- 6.0	6.4	23.8	6.1	100.76
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.76
OLD MONROE ELEVATOR		OLD MONROE, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.31
ORRICK FARM SERVICE, INC		ORRICK, MO			
2642**	4.7-11.1-11.1	4.6	10.6	10.8	96.49*
2643**	4.7-11.1-11.1	4.6	10.7	11.1	97.66
3389**	18.0- 5.0- 5.0	18.1	5.0	4.5	99.41
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	1 -	97.94
OSWALD AGRICULTURAL PRODUCTS INC.		TARKIO, MO			
3385	10.0-30.0- 0.0	10.0	29.3	0.0	98.25
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.25
POOLE CHEMICAL CO INC		TEXLINE, TX			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.33
PRODUCE EXCHANGE		GOLDEN CITY, MO			
2647	28.0- 0.0- 0.0	28.2	0.0	0.0	100.71
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	101.78

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
RHINELAND GRAIN CO		RHINELAND, MO			
2038	18.0- 0.0- 0.0	25.4	0.0	0.0	141.11
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	141.11
RICKETTS FARM SERVICE INC		SALISBURY, MO			
3381	5.6-16.8-16.8	6.0	16.6	16.2	99.68
3386	10.0-30.0- 0.0	10.5	29.8	0.0	100.75
3382	19.3- 7.2- 7.2	15.8*	7.5	7.0	89.04*
3383	19.3- 7.2- 7.2	15.5*	7.4	7.0	87.71*
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	2 -	95.67
RIVER BEND AG LLC		NEW MADRID, MO			
3759**	28.0- 0.0- 0.0	28.8	0.0	0.0	102.86
3689	32.0- 0.0- 0.0	32.0	0.0	0.0	100.00
3761	32.0- 0.0- 0.0	32.3	0.0	0.0	100.94
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	101.19
TERRA NITROGEN CORP. - CLAREMORE		SIOUX CITY, IA			
3200	28.0- 0.0- 0.0	28.9	0.0	0.0	103.21
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	101.66
TERRA NITROGEN CORP. - SGT BLUFF		SIOUX CITY, IA			
3395	28.0- 0.0- 0.0	27.6	0.0	0.0	98.57
3396	28.0- 0.0- 0.0	28.2	0.0	0.0	100.71
3857	28.0- 0.0- 0.0	27.9	0.0	0.0	99.64
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	99.64
TERRA RENEWAL SERVICES, INC.		RUSSELLVILLE, AR			
3390	0.5- 0.0- 0.0	0.6	0.1	0.0	125.44
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	125.44
UNITED SUPPLIERS, INC		ELDORA, IA			
2039	18.0- 0.0- 0.0	15.5*	0.0	0.0	86.11*
2040	32.0- 0.0- 0.0	32.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	1 -	95.00
UNITED SUPPLIERS, INC		ST JOSEPH, MO			
3201	28.0- 0.0- 0.0	27.4	0.0	0.0	97.86
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	97.86
VEHIGE ENTERPRISES, INC		FORISTELL, MO			
2584	10.0-34.0- 0.0	11.0	31.2*	0.0	95.91*
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	95.91
WILBUR-ELLIS CO.		SEATTLE, WA			
3393	10.0-34.0- 0.0	9.8	33.5	0.0	98.41
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.41
YIELD-PLUS, INC		CAPE GIRARDEAU, MO			
2282	3.0-18.0-18.0	3.2	18.3	18.2	102.00
3685	3.0-18.0-18.0	3.2	18.2	18.5	102.17
3758	9.0-18.0- 9.0	9.3	18.6	9.2	103.17
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	102.45
YOCUM SERVICE, INC		MOUND CITY, MO			
3384	8.0-24.0- 0.0	10.8	20.3*	0.0	97.19
3394	28.0- 0.0- 0.0	26.4	0.0	0.0	94.29*
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	2 -	95.83
YOUNG'S AG SERVICE, INC		KEYTESVILLE, MO			
2644	4.5-13.5-13.5	4.9	13.5	14.4	103.43
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	103.43

\* 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 25.

# Totals from July 1, 2010



**SECONDARY AND MICRONUTRIENTS IN FERTILIZER**

Lab No. 11S#	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>																					
11-3333	9.5-14.5-29.5	....	....	....	....	4.5	5.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3361	16.0-12.0-20.0	....	....	....	....	3.0	3.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3370	31.0-0.0-0.0	....	....	....	....	4.5	5.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>AG DISTRIBUTORS, INC, NASHVILLE, TN</b>																					
11-3855	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>AGRISERVICES OF BRUNSWICK LLC, BRUNSWICK, MO</b>																					
11-1849	0.0-0.0-0.0	....	....	....	....	90.0	93.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2281	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2581	21.0-0.0-0.0	....	....	....	....	24.0	23.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3036	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3789	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>AGRISERVICES OF BRUNSWICK LLC, WEST, BRUNSWICK, MO</b>																					
11-2792	16.6-2.7-8.3	....	....	....	....	1.3	1.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2795	25.2-0.0-0.0	....	....	....	....	2.1	2.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3102	5.1-24.5-27.6	....	....	....	....	6.1	6.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3103	5.1-24.5-27.6	....	....	....	....	6.1	6.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3296	3.2-6.6-11.0	....	....	....	....	2.2	2.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>AGRI-GRO MARKETING, INC., DONIPHAN, MO</b>																					
11-2798	0.0-0.0-0.0	10.0	8.9*	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>AMERICAN PLANT FOOD CORPORATION, GALENA PARK, TX</b>																					
11-3578	13.0-13.0-13.0	....	....	....	....	11.0	11.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3581	13.0-13.0-13.0	....	....	....	....	11.0	12.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2785	21.0-0.0-0.0	....	....	....	....	24.0	23.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2786	21.0-0.0-0.0	....	....	....	....	24.0	24.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2787	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3187	21.0-0.0-0.0	....	....	....	....	24.0	24.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3323	13.0-13.0-13.0	....	....	....	....	11.0	10.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>BACKES &amp; TOELKE AGRI PRODUCTS, INC., NEW HAVEN, MO</b>																					
11-2886	8.0-20.5-30.5	....	....	....	....	5.0	5.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>BACKES &amp; TOELKE-MARTHASVILLE, AG., MARTHASVILLE, MO</b>																					
11-2580	32.0-0.0-0.0	....	....	....	....	4.5	3.8*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>BARTLETT &amp; COMPANY, L.P., HIGGINSVILLE, MO</b>																					
11-2842	27.6-13.8-10.3	....	....	....	....	1.7	2.1	....	....	....	....	....	....	....	....	....	....	....	....	....	.17 .18
11-2843	27.6-13.8-10.3	....	....	....	....	1.7	2.3	....	....	....	....	....	....	....	....	....	....	....	....	....	.17 .18
11-2859	15.7-15.7-23.5	....	....	....	....	3.1	3.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2860	15.7-15.7-23.5	....	....	....	....	3.1	3.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>BARTLETT &amp; COMPANY L.P., WAVERLY, MO</b>																					
11-2283	29.0-0.0-0.0	....	....	....	....	3.0	2.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2459	8.9-8.9-11.1	....	....	....	....	1.1	1.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2461	29.0-0.0-0.0	....	....	....	....	3.0	2.6*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3532	3.2-10.6-10.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.14 .13
11-3760	29.6-0.0-0.0	....	....	....	....	3.0	3.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>CENTRAL MISSOURI AGRISERVICE LLC, BLACKBURN, MO</b>																					
11-1871	5.2-24.4-28.5	....	....	....	....	4.9	7.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2504	6.0-28.3-24.8	....	....	....	....	3.8	4.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3757	3.5-8.0-13.9	....	....	....	....	1.8	1.7	....	....	....	....	....	....	....	....	....	....	....	....	....	.20 .02*
<b>CENTRAL MISSOURI AGRISERVICE LLC, MALTA BEND, MO</b>																					
11-2606	5.7-27.1-27.1	....	....	....	....	3.4	4.4	....	....	....	....	....	....	....	....	....	....	....	....	....	.30 .41
11-2607	5.7-27.1-27.1	....	....	....	....	3.4	3.7	....	....	....	....	....	....	....	....	....	....	....	....	....	.30 .22*
<b>CENTRAL MISSOURI AGRISERVICE LLC, SLATER, MO</b>																					
11-3100	5.5-26.0-26.0	....	....	....	....	6.5	6.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3101	5.5-26.0-26.0	....	....	....	....	6.5	6.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....

\* Deficient in the constituent indicated. The Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 11S#	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
CHEMSICO-DIV. OF UNITED INDUSTRIES, ST LOUIS, MO																					
11-2182	30.0-3.0-3.0	....	....	....	....	1.0	2.9	.02	.02	....	....	.05	.05	2.0	2.6	.05	.13	....	....	.05	.15
11-2236	36.0-3.0-4.0	....	....	....	....	1.0	3.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3140	20.0-27.0-5.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.4	....	....	....	....	....	....
COOP ASSN #2-MARTHASVILLE, WASHINGTON, MO																					
11-2491	11.5-10.0-35.5	....	....	....	....	....	....	.44	.30*	....	....	....	....	....	....	....	....	....	....	....	....
11-3448	5.0-13.5-41.0	....	....	....	....	3.0	3.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
COOPERATIVE ASSN #2-BULK PLANT, WASHINGTON, MO																					
11-2946	0.0-0.0-52.0	....	....	....	....	11.5	12.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
D & D SUPPLY, LONE JACK, MO																					
11-3617	5.5-14.5-14.5	9.0	8.1*	....	....	7.0	7.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
DEBRUCE FERTILIZER INC, KANSAS CITY, MO																					
11-2528	13.0-40.0-0.0	....	....	....	....	7.5	9.2	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.87*
11-3245	13.0-40.0-0.0	....	....	....	....	7.5	10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.1
11-3772	12.0-40.0-0.0	....	....	....	....	10.0	9.5	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
DUNCAN AGRI SERVICE INC., SAVANNAH, MO																					
11-3512	17.0-7.0-9.0	4.0	10.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
EAU CLAIRE COOP COMPANY, EAU CLAIRE, WI																					
11-3127	30.0-2.0-3.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0	....	....	....	....	....	....
11-3128	30.0-2.0-3.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.94	....	....	....	....	....	....
11-3147	28.0-0.0-3.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.92	....	....	....	....	....	....
11-3153	26.0-0.0-3.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.3	....	....	....	....	....	....
FRIT INDUSTRIES, OZARK, AL																					
11-2789	0.0-0.0-0.0	....	....	....	....	....	....	....	....	....	....	....	....	50.0	50.7	....	....	....	....	....	....
GAVILON FERTILIZER LLC, SAUGET, IL																					
11-1848	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3033	21.0-0.0-0.0	....	....	....	....	24.0	23.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
GAVILON FERTILIZER LLC, ST. JOSEPH, MO																					
11-3287	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
GREAT SALT LAKE MINERALS CORP, OGDEN, UT																					
11-2732	0.0-0.0-50.0	....	....	....	....	17.0	17.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
GRO TEC. INC, COVINGTON, GA																					
11-2253	1.0-0.0-1.0	12.0	16.2	....	....	10.0	15.0	.02	.05	....	....	....	....	4.5	5.4	.10	.20	....	....	.10	.18
11-2359	18.0-24.0-6.0	....	....	....	....	....	....	.02	.02	....	....	.05	.03*	.25	1.7	.10	.15	....	....	.10	.31
11-2372	29.0-0.0-5.0	....	....	....	....	....	....	....	....	....	....	....	....	2.0	2.7	....	....	....	....	....	....
11-3141	18.0-24.0-6.0	....	....	....	....	....	....	.02	.03	....	....	.05	.09	.25	2.3	.10	.23	....	....	.10	.23
11-3146	29.0-0.0-5.0	....	....	....	....	....	....	....	....	....	....	....	....	2.0	2.1	....	....	....	....	....	....
11-3642	18.0-24.0-6.0	....	....	....	....	....	....	.02	.02	....	....	.05	.07	.25	2.1	.10	.15	....	....	.10	.16
HELM FERTILIZER CORPORATON, TAMPA, FL																					
11-2168	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
HOWARD JOHNSON'S ENT. INC, MILWAUKEE, WI																					
11-1995	28.0-3.0-4.0	....	....	....	....	2.9	3.3	....	....	....	....	....	....	1.0	1.7	....	....	....	....	....	....
11-1996	26.0-3.0-4.0	....	....	....	....	2.4	2.6	....	....	....	....	....	....	1.0	1.0	....	....	....	....	....	....
11-1997	18.0-3.0-15.0	....	....	....	....	1.7	3.7	....	....	....	....	....	....	1.0	1.5	....	....	....	....	....	....
11-2108	26.0-3.0-4.0	....	....	....	....	2.4	2.7	....	....	....	....	....	....	1.0	1.8	....	....	....	....	....	....
11-2109	26.0-3.0-4.0	....	....	....	....	2.4	2.3	....	....	....	....	....	....	1.0	1.5	....	....	....	....	....	....
11-2111	23.0-3.0-8.0	....	....	....	....	2.4	2.7	....	....	....	....	....	....	1.0	1.0	....	....	....	....	....	....
11-2225	12.0-20.0-6.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.9	....	....	....	....	....	....
11-2240	16.0-2.0-2.0	....	....	....	....	....	....	....	....	....	....	....	....	2.0	2.5	....	....	....	....	....	....
11-2243	30.0-0.0-3.0	....	....	....	....	2.0	1.8	....	....	....	....	....	....	2.0	2.0	....	....	....	....	....	....
11-2248	12.0-0.0-4.0	....	....	....	....	1.0	1.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2305	15.0-5.0-10.0	....	....	....	....	....	....	.05	.06	....	....	.13	.14	1.2	2.1	.13	.15	....	....	.13	.14
11-2309	12.0-8.0-8.0	....	....	....	....	....	....	.02	.006*	....	....	.05	.01*	.10	.84	.05	.02*	....	....	.05	.02*

\* Deficient in the constituent indicated. The Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

**SECONDARY AND MICRONUTRIENTS IN FERTILIZER**

Lab No. 11S#	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>HOWARD JOHNSON'S ENT. INC., MILWAUKEE, WI</b>																					
11-2358	21.0-8.0-8.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.6	....	....	....	....	....	....
11-2380	23.0-0.0-8.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.7	....	....	....	....	....	....
11-2383	18.0-0.0-12.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.9	....	....	....	....	....	....
11-2385	15.0-0.0-5.0	....	....	....	....	....	....	.05	.07	....	....	.13	.14	3.0	3.8	.13	.19	....	....	.13	.14
11-2729	26.0-3.0-4.0	....	....	....	....	2.4	2.4	....	....	....	....	....	....	1.0	1.7	....	....	....	....	....	....
11-3130	26.0-3.0-4.0	....	....	....	....	2.4	2.6	....	....	....	....	....	....	1.0	1.4	....	....	....	....	....	....
11-3131	26.0-3.0-4.0	....	....	....	....	2.4	2.4	....	....	....	....	....	....	1.0	1.5	....	....	....	....	....	....
11-3132	26.0-3.0-4.0	....	....	....	....	2.4	2.2	....	....	....	....	....	....	1.0	1.4	....	....	....	....	....	....
11-3133	26.0-3.0-4.0	....	....	....	....	2.4	2.2	....	....	....	....	....	....	1.0	1.5	....	....	....	....	....	....
11-3134	26.0-3.0-4.0	....	....	....	....	2.4	2.6	....	....	....	....	....	....	1.0	1.8	....	....	....	....	....	....
11-3135	26.0-3.0-4.0	....	....	....	....	2.4	2.4	....	....	....	....	....	....	1.0	1.6	....	....	....	....	....	....
11-3136	26.0-3.0-4.0	....	....	....	....	2.4	2.2	....	....	....	....	....	....	1.0	1.5	....	....	....	....	....	....
11-3157	23.0-0.0-8.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	2.5	....	....	....	....	....	....
11-3158	22.0-0.0-8.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.4	.13	.02*	....	....	.13	.05*
11-3160	15.0-0.0-5.0	....	....	....	....	....	....	.05	.04	....	....	.13	.10*	.25	.85	.13	.13	....	....	.13	.25
11-3343	26.0-3.0-4.0	....	....	....	....	2.4	2.4	....	....	....	....	....	....	1.0	1.5	....	....	....	....	....	....
11-3344	26.0-3.0-4.0	....	....	....	....	2.4	2.3	....	....	....	....	....	....	1.0	1.3	....	....	....	....	....	....
11-3345	23.0-3.0-8.0	....	....	....	....	2.4	2.4	....	....	....	....	....	....	1.0	.94	....	....	....	....	....	....
11-3346	23.0-3.0-8.0	....	....	....	....	2.4	2.4	....	....	....	....	....	....	.70	1.0	....	....	....	....	....	....
11-3475	23.0-3.0-8.0	....	....	....	....	2.4	2.8	....	....	....	....	....	....	1.0	.84*	....	....	....	....	....	....
11-3476	23.0-3.0-8.0	....	....	....	....	2.4	2.5	....	....	....	....	....	....	1.0	.77*	....	....	....	....	....	....
11-3629	26.0-3.0-4.0	....	....	....	....	2.4	2.4	....	....	....	....	....	....	1.0	1.5	....	....	....	....	....	....
11-3630	26.0-3.0-4.0	....	....	....	....	2.4	2.2	....	....	....	....	....	....	1.0	1.4	....	....	....	....	....	....
11-3632	26.0-3.0-4.0	....	....	....	....	2.4	2.6	....	....	....	....	....	....	1.0	1.3	....	....	....	....	....	....
11-3633	26.0-3.0-4.0	....	....	....	....	2.4	2.5	....	....	....	....	....	....	1.0	1.6	....	....	....	....	....	....
11-3634	26.0-3.0-4.0	....	....	....	....	2.4	2.6	....	....	....	....	....	....	1.0	1.7	....	....	....	....	....	....
11-3635	26.0-3.0-4.0	....	....	....	....	2.4	2.2	....	....	....	....	....	....	1.0	1.3	....	....	....	....	....	....
11-3636	26.0-3.0-4.0	....	....	....	....	2.4	2.5	....	....	....	....	....	....	1.0	1.6	....	....	....	....	....	....
11-3637	26.0-3.0-4.0	....	....	....	....	2.4	2.6	....	....	....	....	....	....	1.0	1.3	....	....	....	....	....	....
11-3638	26.0-3.0-4.0	....	....	....	....	2.4	2.4	....	....	....	....	....	....	1.0	1.7	....	....	....	....	....	....
11-3640	23.0-3.0-8.0	....	....	....	....	2.4	2.4	....	....	....	....	....	....	1.0	1.0	....	....	....	....	....	....
<b>JEFFERSONVILLE RIVER TERMINAL-SCOTT, JEFFERSONVILLE, IN</b>																					
11-2582	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>JUNGLE GROWTH, LLC., STATHAM, GA</b>																					
11-3479	11.0-2.0-3.0	1.0	2.6	....	....	1.0	1.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>L &amp; L PLANT FOOD, CARTHAGE, MO</b>																					
11-3040	14.5-0.0-0.0	....	....	....	....	....	....	....	....	....	....	....	....	6.0	6.0	....	....	....	....	....	....
11-3041	15.0-0.0-0.0	....	....	....	....	....	....	....	....	....	....	....	....	6.0	6.6	....	....	....	....	....	....
11-3042	15.0-0.0-0.0	....	....	....	....	....	....	....	....	....	....	....	....	6.0	6.6	....	....	....	....	....	....
<b>LEBANON SEABOARD CORPORATION, LEBANON, PA</b>																					
11-2366	30.0-0.0-3.0	....	....	....	....	1.0	3.0	.02	.02	....	....	.05	.10	2.0	2.7	.05	.08	....	....	.05	.23
11-2367	30.0-0.0-3.0	....	....	....	....	1.0	2.6	.02	.03	....	....	.05	.13	2.0	3.1	.05	.11	....	....	.05	.36
11-2379	24.0-0.0-12.0	....	....	....	....	10.0	11.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2382	22.0-0.0-4.0	....	....	....	....	2.3	2.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3144	30.0-0.0-3.0	....	....	....	....	1.0	3.7	.02	.01	....	....	.05	.05	2.0	1.1*	.05	.04	....	....	.05	.13
<b>LESCO INC, CLEVELAND, OH</b>																					
11-2537	24.0-0.0-11.0	....	....	....	....	2.9	3.1	....	....	....	....	....	....	3.0	4.9	....	....	....	....	....	....
11-3155	24.0-0.0-11.0	....	....	....	....	2.9	3.5	....	....	....	....	....	....	3.0	3.1	....	....	....	....	....	....
<b>LILLY MILLER BRANDS, SALEM, VA</b>																					
11-3257	4.0-10.0-10.0	6.0	13.4	....	....	....	....	.02	.03	....	....	....	....	.10	.44	.05	.13	....	....	.05	.08
<b>MADISON COUNTY FARM SUPPLY, FREDERICKTOWN, MO</b>																					
11-2867	12.0-12.0-12.0	12.0	10.0*	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2868	12.0-12.0-12.0	12.0	13.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3705	12.0-12.0-12.0	12.0	13.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

\* Deficient in the constituent indicated. The Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

**SECONDARY AND MICRONUTRIENTS IN FERTILIZER**

Lab No. 11S#	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
ROD MCLELLAN, INDEPENDENCE, OR																					
11-3732	4.0-2.0-3.0	2.0	3.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MEARS FERTILIZER, INC., EL DORADO, KS																					
11-2037	8.0-20.0-5.0	....	....	....	....	5.0	5.4	....	....	....	....	....	....	....	....	....	....	....	....	.50	.56
MFA AGRI SERVICES, ASH GROVE, MO																					
11-2704	3.8-9.9-39.7	....	....	1.6	2.1	3.4	4.0	.33	.28	....	....	....	....	....	....	....	....	....	....	....	....
MFA AGRI SERVICES, BOONVILLE, MO																					
11-2677	25.4-12.7-12.7	....	....	....	....	6.4	7.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2884	8.5-21.8-28.4	....	....	....	....	4.7	4.6	....	....	....	....	....	....	....	....	....	....	....	....	.48	.41*
GLASGOW MFA, GLASGOW, MO																					
11-2605	6.0-30.0-22.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.5	1.3*
11-3449	4.5-21.0-33.0	....	....	....	....	3.5	4.0	....	....	....	....	....	....	....	....	....	....	....	....	.35	.35
MFA AGRI SERVICES, LEVASY, MO																					
11-2583	3.4-8.5-11.3	....	....	....	....	1.4	0.6*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2796	28.0-0.0-0.0	....	....	....	....	5.0	3.0*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MFA AGRI SERVICES, LEXINGTON, MO																					
11-2603	9.2-23.6-23.6	....	....	....	....	8.8	8.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2641	9.2-23.6-23.6	....	....	....	....	8.8	8.0*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2892	5.6-26.6-26.6	....	....	....	....	4.4	4.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3099	5.6-26.6-26.6	....	....	....	....	4.4	5.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3334	7.1-24.6-24.6	....	....	....	....	2.5	3.1	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.1
11-3335	7.1-24.6-24.6	....	....	....	....	2.5	3.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.2
MFA AGRI SERVICES, NELSON, MO																					
11-3421	22.4-13.4-17.9	....	....	....	....	3.8	4.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3422	22.4-13.4-17.9	....	....	....	....	3.8	4.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MFA AGRI SERVICES, NORBORNE, MO																					
11-3397	30.0-0.0-0.0	....	....	....	....	2.5	2.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MFA AGRI SERVICES, ODESSA, MO																					
11-2854	25.1-16.8-12.5	....	....	....	....	2.1	2.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MFA AGRI SERVICES, PATTONSBURG, MO																					
11-2883	8.8-31.2-15.3	....	....	....	....	6.0	6.2	....	....	....	....	....	....	....	....	....	....	....	....	.60	.61
MFA AGRI SERVICES, ROLLA, MO																					
11-3364	20.5-6.5-15.0	....	....	1.0	1.3	2.0	2.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MFA AGRI SERVICES, SALISBURY, MO																					
11-2703	4.4-20.8-34.8	....	....	....	....	3.4	5.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MFA AGRI SERVICES, SEDALIA, MO																					
11-3306	40.6-0.0-0.0	....	....	....	....	3.7	2.5*	....	....	....	....	....	....	....	....	....	....	....	....	1.8	2.0
MFA AGRI SERVICES, ST. JOSEPH, MO																					
11-3317	22.1-16.5-13.8	....	....	....	....	2.8	3.3	....	....	....	....	....	....	....	....	....	....	....	....	.28	.27
MFA AGRI SERVICES, ST. MARY, MO																					
11-2489	25.0-10.0-15.0	....	....	1.0	1.6	2.0	3.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MFA PLANT FOODS, COLUMBIA, MO																					
11-1805	0.0-0.0-20.0	....	....	10.0	11.0	21.0	22.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-1806	0.0-0.0-20.0	....	....	10.0	10.8	21.0	22.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-1808	0.0-0.0-20.0	....	....	10.0	10.8	21.0	21.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2033	21.0-0.0-0.0	....	....	....	....	24.0	24.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2280	21.0-0.0-0.0	....	....	....	....	24.0	24.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2388	0.0-0.0-21.7	....	....	10.8	10.9	21.7	20.4*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2389	0.0-0.0-22.0	....	....	11.0	10.9	22.0	21.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2600	13.0-13.0-13.0	10.0	11.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2602	6.0-24.0-24.0	2.5	3.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2866	13.0-13.0-13.0	10.0	13.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2876	6.0-24.0-24.0	2.5	3.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2905	12.0-40.0-0.0	....	....	....	....	10.0	9.5	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.99

\* Deficient in the constituent indicated. The Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

**SECONDARY AND MICRONUTRIENTS IN FERTILIZER**

Lab No. 11S#	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, COLUMBIA, MO</b>																						
11-2945	0.0-0.0-22.0	....	....	11.0	11.6	22.0	22.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3032	21.0-0.0-0.0	....	....	....	....	24.0	23.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3034	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3035	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3123	12.0-40.0-0.0	....	....	....	....	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0	
11-3188	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3222	18.0-18.0-18.0	2.4	4.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3223	13.0-13.0-13.0	10.0	7.6*	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3288	0.0-0.0-0.0	....	....	....	....	90.0	90.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3347	0.0-0.0-22.0	....	....	11.0	10.0*	22.0	20.4*	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3348	0.0-0.0-22.0	....	....	11.0	10.6	22.0	21.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3379	21.0-0.0-0.0	....	....	....	....	24.0	23.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3380	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3429	13.0-13.0-13.0	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3430	13.0-13.0-13.0	10.0	10.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3431	13.0-13.0-13.0	10.0	10.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3441	6.0-24.0-24.0	2.5	4.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3442	6.0-24.0-24.0	2.5	2.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3626	12.0-40.0-0.0	....	....	....	....	10.0	9.6	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.1	
11-3834	0.0-0.0-22.0	....	....	11.0	11.2	22.0	22.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
<b>MFA PLANT FOODS, HAYTI, MO</b>																						
11-1960	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-2034	21.0-0.0-0.0	....	....	....	....	24.0	24.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-2170	21.0-0.0-0.0	....	....	....	....	24.0	24.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3756	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
<b>MID MISSOURI AGRI SERVICES, CONCORDIA, MO</b>																						
11-2702	5.7-26.9-27.0	....	....	....	....	2.7	3.1	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	.51
11-3105	4.8-22.8-32.5	....	....	....	....	3.2	3.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
<b>MIDWEST AGRI-CHEMICO INC, CAPE GIRARDEAU, MO</b>																						
11-1915	0.0-0.0-22.0	....	....	11.0	10.6	22.0	21.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-2585	12.0-0.0-0.0	....	....	....	....	26.0	24.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-2944	0.0-0.0-21.9	....	....	11.3	11.6	22.6	22.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3516	21.0-0.0-0.0	....	....	....	....	24.0	23.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3790	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
<b>MIDWEST FERTILIZER INC, PAOLA, KS</b>																						
11-1807	0.0-0.0-20.0	....	....	10.0	10.5	21.0	21.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-1914	0.0-0.0-20.0	....	....	22.0	21.9	10.0	11.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-1961	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-2640	0.0-0.0-21.0	....	....	10.0	10.9	21.0	21.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3833	0.0-0.0-20.0	....	....	22.0	21.4	10.0	10.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11-3856	21.0-0.0-0.0	....	....	....	....	24.0	23.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
<b>MILWAUKEE METROPOLITAN SEWERAGE DIS, MILWAUKEE, WI</b>																						
11-2000	5.0-2.0-0.0	1.2	1.9	....	....	....	....	....	....	....	....	....	....	4.0	4.8	....	....	....	....	....	....	
11-2184	5.0-2.0-0.0	1.2	2.0	....	....	....	....	....	....	....	....	....	....	4.0	4.7	....	....	....	....	....	....	
11-2242	5.0-2.0-0.0	1.2	2.2	....	....	....	....	....	....	....	....	....	....	4.0	5.0	....	....	....	....	....	....	
11-2363	5.0-2.0-0.0	1.2	2.1	....	....	....	....	....	....	....	....	....	....	4.0	4.6	....	....	....	....	....	....	
11-2622	5.0-2.0-0.0	1.2	1.9	....	....	....	....	....	....	....	....	....	....	4.0	4.3	....	....	....	....	....	....	
11-3485	5.0-2.0-0.0	1.2	1.8	....	....	....	....	....	....	....	....	....	....	4.0	4.6	....	....	....	....	....	....	
11-3659	5.0-2.0-0.0	1.2	1.8	....	....	....	....	....	....	1.0	0.2*	....	....	4.0	4.4	....	....	....	....	....	....	
11-3660	5.0-2.0-0.0	1.2	2.1	....	....	....	....	....	....	1.0	0.2*	....	....	4.0	4.4	....	....	....	....	....	....	
<b>MIRACLE-GRO LAWN PRODUCTS, INC., MARYSVILLE, OH</b>																						
11-3699	20.0-20.0-20.0	....	....	....	....	....	....	.02	.01	....	....	.05	.05	.10	.11	.05	.05	....	....	.05	.05	

\* Deficient in the constituent indicated. The Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 11S#	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
MK MINERALS INC., WAMEGO, KS																					
11-2788	0.0-0.0-0.0	22.5	22.0	....	....	16.8	14.6*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3038	0.0-0.0-0.0	21.0	20.5	....	....	16.0	15.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
OAKLEY MISSOURI INC, CARUTHERSVILLE, MO																					
11-2035	21.0-0.0-0.0	....	....	....	....	24.0	24.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3854	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
OAKLEY FERTILIZER INC., NORTH LITTLE ROCK, AR																					
11-2458	21.0-0.0-0.0	....	....	....	....	24.0	24.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
ORRICK FARM SERVICE, INC., ORRICK, MO																					
11-2642	4.7-11.1-11.1	....	....	....	....	2.2	2.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2643	4.7-11.1-11.1	....	....	....	....	2.2	2.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3389	18.0-5.0-5.0	....	....	....	....	1.0	1.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
PILOT GROVE COOPERATIVE ELEVATOR, PILOT GROVE, MO																					
11-3064	25.5-15.5-12.5	....	....	....	....	1.7	2.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
PRODUCERS GRAIN #5-WALKER, WALKER, MO																					
11-2490	20.4-13.6-17.0	....	....	....	....	4.1	5.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
PROFESSIONAL AG SERVICE, INC., LATHROP, MO																					
11-2691	14.9-21.5-13.8	....	....	....	....	7.3	7.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2692	14.9-21.5-13.8	....	....	....	....	7.3	8.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
RAY-CARROLL COUNTY GRAIN GROWERS, BRUNSWICK, MO																					
11-2696	7.6-24.6-23.0	....	....	....	....	6.1	6.1	....	....	....	....	....	....	....	....	....	....	....	....	....	.77
11-2701	6.4-21.5-21.5	....	....	....	....	14.3	13.6	....	....	....	....	....	....	....	....	....	....	....	....	....	.72
RICKETTS FARM SERVICE-SOUTH PLANT, CAIRO, MO																					
11-2638	33.5-0.0-0.0	....	....	....	....	1.1	1.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2639	33.5-0.0-0.0	....	....	....	....	1.1	1.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
RIVER BEND AG LLC, NEW MADRID, MO																					
11-1958	21.0-0.0-0.0	....	....	....	....	24.0	24.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-1959	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2169	21.0-0.0-0.0	....	....	....	....	24.0	24.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2171	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2457	21.0-0.0-0.0	....	....	....	....	24.0	24.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3759	28.0-0.0-0.0	....	....	....	....	4.0	3.3*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
RKL PLANT FOODS LLC., MARIONVILLE, MO																					
11-3177	26.5-7.1-8.7	....	....	....	....	....	....	.10	.06*	....	....	....	....	....	....	....	....	....	....	....	....
SALISBURY AG CENTER, INC., SALISBURY, MO																					
11-2697	7.5-20.0-30.0	....	....	....	....	6.0	7.0	.05	.05	....	....	....	....	....	....	....	....	....	....	....	....
SCHULTZ COMPANY, BRIDGETON, MO																					
11-3190	2.0-7.0-7.0	....	....	....	....	....	....	....	....	....	....	....	....	.10	.10	.05	.05	....	....	....	.05
11-3194	8.0-14.0-9.0	....	....	....	....	....	....	....	....	....	....	....	....	.10	.10	.05	.04	....	....	....	.05
11-3196	10.0-15.0-10.0	....	....	....	....	....	....	....	....	....	....	....	....	.10	.12	.05	.02*	....	....	....	.05
11-3197	10.0-15.0-10.0	....	....	....	....	....	....	....	....	....	....	....	....	.10	.14	.05	.04	....	....	....	.05
11-3198	10.0-15.0-10.0	....	....	....	....	....	....	....	....	....	....	....	....	.10	.13	.05	.04	....	....	....	.05
SCOTTS MIRACLE-GRO PRODUCTS INC, MARYSVILLE, OH																					
11-3192	7.0-7.0-7.0	....	....	....	....	....	....	.02	.02	....	....	....	....	.10	.10	.08	.08	....	....	....	.05
11-3193	8.0-7.0-6.0	....	....	....	....	....	....	....	....	....	....	....	....	.10	.10	....	....	....	....	....	....
11-3199	12.0-4.0-8.0	....	....	....	....	....	....	....	....	....	....	....	....	.10	.13	.05	.05	....	....	....	.05
SCOTTS MIRACLE-GRO PRODUCTS INC, MARYSVILLE, OH																					
11-3217	30.0-10.0-10.0	....	....	....	....	....	....	.02	.02	....	....	....	....	.32	.71	.05	.06	....	....	....	.07
11-3220	24.0-8.0-16.0	....	....	....	....	....	....	.02	.02	....	....	....	....	.15	.22	.05	.06	....	....	....	.06
11-3256	6.0-12.0-6.0	....	....	.50	1.1	2.0	3.6	.02	.02	....	....	....	....	.15	.44	.05	.06	....	....	....	.05
SPECTRUM GROUP, DIV OF UNITED IND, ST. LOUIS, MO																					
11-3195	10.0-10.0-10.0	....	....	....	....	....	....	....	....	....	....	....	....	.10	.10	.05	.39	....	....	....	.05
SOUTH CENTRAL COOP, LAMONI, IA																					
11-2070	13.0-40.0-0.0	....	....	....	....	7.0	7.6	....	....	....	....	....	....	....	....	....	....	....	....	....	1.0

\* Deficient in the constituent indicated. The Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.

**SECONDARY AND MICRONUTRIENTS IN FERTILIZER**

Lab No. 11S#	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>SWISS FARMS PRODUCTS, INC., LAS VEGAS, NV</b>																					
11-2536	29.0-0.0-4.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	3.7	....	....	....	....	....	....
11-3065	15.0-30.0-15.0	....	....	....	....	....	....	.02	.02	....	....	.07	.10	.15	.19	.05	.04	....	....	.06	.07
11-3221	24.0-8.0-16.0	....	....	....	....	3.0	3.6	....	....	....	....	....	....	.15	.16	.05	.05	....	....	.06	.06
11-3248	16.0-4.0-8.0	....	....	....	....	....	....	.02	.02	....	....	....	....	1.0	1.6	.05	.11	....	....	.05	.36
11-3252	12.0-6.0-10.0	....	....	1.0	2.6	9.0	6.4*	.02	.018	....	....	....	....	1.0	1.1	.05	.04	....	....	.05	.06
11-3253	12.0-10.0-5.0	....	....	1.5	2.0	5.0	6.2	.02	.02	....	....	....	....	1.0	1.8	.05	.05	....	....	.05	.05
11-3648	12.0-5.0-7.0	....	....	....	....	....	....	.02	.02	....	....	.05	.06	.20	.68	.05	.04	....	....	.05	.21
<b>THE SCOTTS COMPANY, MARYSVILLE, OH</b>																					
11-2001	30.0-0.0-4.0	....	....	....	....	7.0	8.2	....	....	....	....	....	....	2.0	2.3	....	....	....	....	....	....
11-2002	28.0-0.0-3.0	....	....	....	....	2.0	3.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2114	26.0-0.0-3.0	....	....	....	....	10.0	9.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2190	30.0-0.0-4.0	....	....	....	....	1.0	2.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2193	36.0-0.0-4.0	....	....	....	....	4.0	5.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2237	32.0-2.0-8.0	....	....	....	....	3.0	3.9	....	....	....	....	....	....	2.0	2.5	....	....	....	....	....	....
11-2241	11.0-2.0-2.0	1.5	2.1	....	....	1.0	0.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2245	28.0-0.0-3.0	....	....	....	....	2.0	2.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2353	29.0-2.0-3.0	....	....	....	....	10.0	11.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2354	29.0-2.0-3.0	....	....	....	....	10.0	11.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2355	29.0-2.0-4.0	....	....	....	....	8.0	9.5	....	....	....	....	....	....	2.0	2.5	....	....	....	....	....	....
11-2357	22.0-2.0-2.0	....	....	....	....	13.0	14.3	....	....	....	....	....	....	5.7	6.2	....	....	....	....	....	....
11-2360	11.0-2.0-2.0	1.5	2.2	....	....	1.0	0.8*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2361	11.0-2.0-2.0	1.5	1.7	....	....	1.0	0.8*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2365	32.0-0.0-4.0	....	....	....	....	7.0	8.6	....	....	....	....	....	....	2.0	2.5	....	....	....	....	....	....
11-2371	30.0-0.0-4.0	....	....	....	....	1.0	1.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2532	22.0-2.0-2.0	....	....	....	....	13.0	13.7	....	....	....	....	....	....	5.7	6.5	....	....	....	....	....	....
11-2534	11.0-2.0-2.0	1.5	1.5	....	....	1.0	0.7*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2620	32.0-0.0-4.0	....	....	....	....	7.0	8.2	....	....	....	....	....	....	2.0	2.0	....	....	....	....	....	....
11-3129	28.0-1.0-4.0	....	....	....	....	12.0	12.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3139	22.0-2.0-2.0	....	....	....	....	13.0	13.8	....	....	....	....	....	....	5.7	5.7	....	....	....	....	....	....
11-3143	30.0-0.0-4.0	....	....	....	....	10.0	11.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3145	29.0-0.0-4.0	....	....	....	....	1.0	1.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3251	12.0-4.0-8.0	....	....	....	....	2.2	3.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3254	11.0-7.0-7.0	....	....	....	....	2.1	3.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11-3477	22.0-2.0-2.0	....	....	....	....	13.0	13.3	....	....	....	....	....	....	5.7	6.4	....	....	....	....	....	....
11-3641	22.0-2.0-2.0	....	....	....	....	13.0	13.6	....	....	....	....	....	....	5.7	6.1	....	....	....	....	....	....
11-3728	32.0-2.0-8.0	....	....	....	....	....	....	....	....	....	....	....	....	2.0	2.9	....	....	....	....	....	....
11-3738	26.0-0.0-3.0	....	....	....	....	15.0	17.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>VAN DIEST SUPPLY COMPANY, WEBSTER CITY, IA</b>																					
11-3037	0.0-0.0-0.0	....	....	....	....	90.0	90.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
<b>VOLUNTARY PURCHASING GROUPS, BONHAM, TX</b>																					
11-2377	25.0-0.0-6.0	....	....	....	....	....	....	.02	.03	....	....	.05	.04	.10	.92	.05	.06	....	....	.05	.04
11-2378	24.0-0.0-4.0	....	....	....	....	....	....	.02	.02	....	....	.05	.09	3.0	4.3	.05	.12	....	....	.05	.37
11-3326	12.0-4.0-4.0	....	....	....	....	1.0	14.9	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.2
<b>WINFIELD SOLUTIONS, LLC., ST. PAUL, MN</b>																					
11-2247	16.0-0.0-6.0	....	....	....	....	....	....	....	....	....	....	....	....	2.0	1.8	....	....	....	....	....	....
11-2374	28.0-0.0-4.0	....	....	....	....	....	....	....	....	....	....	....	....	2.0	2.7	....	....	....	....	....	....
11-3075	16.0-6.0-16.0	....	....	....	....	....	....	....	....	16.0	12.2*	....	....	....	....	....	....	....	....	....	....
11-3088	12.0-12.0-12.0	....	....	....	....	....	....	....	....	12.0	9.0*	....	....	....	....	....	....	....	....	....	....
11-3150	28.0-0.0-4.0	....	....	....	....	....	....	....	....	3.1	2.6	....	....	2.0	4.0	....	....	....	....	....	....
11-3156	23.0-0.0-7.0	....	....	....	....	....	....	....	....	6.4	5.6	....	....	2.0	2.3	....	....	....	....	....	....
11-3159	16.0-0.0-6.0	....	....	....	....	....	....	....	....	4.0	5.0	....	....	2.0	1.8	....	....	....	....	....	....

\* Deficient in the constituent indicated. The Missouri Fertilizer Law does not authorize assessment of penalty for deficiencies in additional plant nutrients.



**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)

## COMPOST

<b>Complete analysis</b>	<b>\$40.00</b>
Total N, P, K, Ca, Mg, Zn, Fe, Cu, Mn, C/N, pH and electrical conductivity	
<b>Total nutrient analysis</b>	<b>\$20.00</b>
N, P, K, Ca and Mg	
<b>Total micro-elements analysis</b>	<b>\$6.00</b>
Fe, Cu, Zn, Mn; \$1.50/element when requested with total nutrient analysis	
<b>Total Kjeldhal nitrogen</b>	<b>\$10.00</b>
<b>Total carbon</b>	<b>\$4.00</b>
<b>Carbon/nitrogen ratio (C/N ratio)</b>	<b>\$12.00</b>
<b>Moisture percentage</b>	<b>\$4.00</b>
<b>Electrical conductivity</b> (EC-saturation paste method)	<b>\$6.00</b>
<b>pH (saturation paste method)</b>	<b>\$5.00</b>
<b>Nitrate-N and ammonium-N</b>	<b>\$6.00</b>

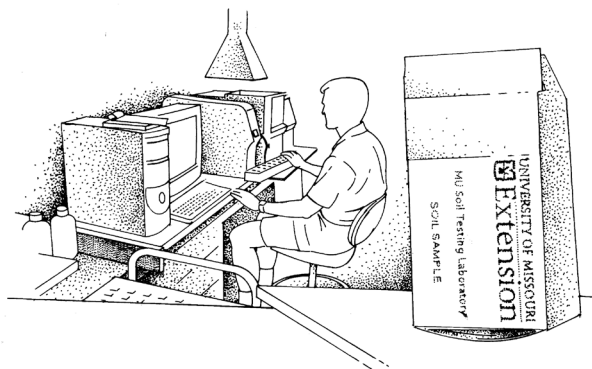
## MANURE

<b>Complete manure analysis</b>	<b>\$40.00</b>
Total N, P, K, NH <sub>4</sub> -N, pH, EC and percent moisture	
<b>Total nutrient analysis</b>	<b>\$22.00</b>
N, P, K and percent moisture	
<b>Total micro-elements analysis</b>	<b>\$6.00</b>
Fe, Cu, Zn, Mn; \$1.50 per element when requested with total nutrient analysis	
<b>Moisture percentage</b>	<b>\$4.00</b>
<b>Electrical conductivity</b> (EC-saturation paste method)	<b>\$6.00</b>
<b>Total Kjeldhal nitrogen</b>	<b>\$12.00</b>
<b>Ammonium-N</b>	<b>\$8.00</b>
<b>pH</b>	<b>\$5.00</b>
<b>Individual element analysis</b> (P, K, Ca, Mg, Na)	<b>\$6.00</b>

## GREENHOUSE MEDIA

<b>Complete media analysis</b>	<b>\$16.00</b>
pH, P, K, Ca, Mg and electrical conductivity (salts)	
<b>Total micro-elements analysis</b>	<b>\$6.00</b>
Fe, Cu, Zn, Mn; \$1.50 per element when requested with total nutrient analysis	
<b>Nitrate-N and ammonium-N</b>	<b>\$6.00</b>
When requested with other tests	
<b>Individual element analysis</b>	<b>\$6.00</b>
<b>Sulfate-S</b>	<b>\$6.50</b>
<b>Boron</b>	<b>\$5.00</b>
<b>Chloride</b>	<b>\$6.50</b>
<b>Moisture percentage</b>	<b>\$4.00</b>
<b>Setup fee</b>	<b>\$10.00</b>
If submitting fewer than five samples	

Minimum sample volume for compost, manure, greenhouse media and water is one quart.



### Soil and Plant Testing Laboratory

23 Mumford Hall  
 Division of Plant Sciences  
 University of Missouri  
 Columbia, MO 65211  
 Phone: 573-882-0623  
 Fax: 573-884-4288  
 E-mail: SoilTestingService@missouri.edu  
 Web: <http://soilplantlab.missouri.edu/soil/>

# SOIL, PLANT, COMPOST, WATER GROWING MEDIA & MANURE TESTING



## Soil and Plant Testing Laboratory

UNIVERSITY OF MISSOURI  
**Extension**

## SOIL

### Soil fertility tests

**Regular analysis** **\$10.00**  
pH<sub>s</sub>, neutralizable acidity (lime requirement), organic matter, bray-1 phosphorus, potassium, calcium, magnesium, cation exchange capacity, fertilizer recommendations

Individual nutrient analyses \$5.00

### Secondary and minor nutrients

Zinc \$4.00  
Sulfate-S \$4.00  
Iron, manganese and copper \$4.50  
Sodium \$2.00  
Boron \$5.00

### Other tests

Nitrate-N \$4.00  
Ammonium-N \$4.00  
Total exchangeable bases (Ca, Mg, K, Na) \$6.00  
Electrical conductivity (EC salts) \$6.00  
Particle size analysis \$12.00  
pH<sub>w</sub> \$3.00

### Special tests

Total Kjeldhal nitrogen (TKN) \$12.00  
Total phosphorus (TP) \$15.00  
Total potassium (TK) \$15.00  
Sodium absorption ratio (SAR) \$12.00  
Exchangeable sodium percentage (ESP) \$12.00  
Base saturation (%) \$12.00  
Chloride \$6.00  
Cation exchange capacity (CEC by addition method) \$10.00  
pH<sub>s</sub> and neutralizable acidity \$5.00

## ENVIRONMENTAL SOIL

**Heavy metals package\*** **\$30.00**  
Cadmium, cobalt, molybdenum, nickel and lead

**Trace elements package\*** **\$25.00**  
Arsenic, chromium and selenium

**Metals package\*** **\$50.00**  
Arsenic, cadmium, cobalt, chromium, molybdenum, nickel, lead and selenium

**Individual elements\*** **\$20.00**

\*Setup charge of \$50.00 for less than 10 samples;  
\$25 for batches of 10 or more samples.

### Submitting soil samples

Complete a soil sample information form to accompany your sample. You can get sample forms and boxes from your local University of Missouri Extension center or by contacting the Soil and Plant Testing Laboratory. We encourage you to submit samples to your local MU Extension center. Fees charged by your local MU Extension center may vary to cover postage and handling. **Fees published in this brochure are for samples submitted to the lab.** Firms or individuals can set up an account to do business directly with the lab.

Soil sample information forms:

- Field crops – MP188
- Lawns and gardens – MP555
- Commercial fruits, vegetables and turfs – MP727

### Submitting plant samples

Plant samples should be submitted with a plant analysis information form.

### Sample submission forms

All sample submission forms can be obtained from a local University Extension center, downloaded from the lab's website (<http://soilplantlab.missouri.edu/soil/forms/index.aspx>) or by contacting the Soil and Plant Testing Laboratory.

### Turnaround time

Soil sample analysis: 1.5 working days

Plant, compost, greenhouse media, water and manure analysis: 5 working days

### Electronic data access

Soil test reports can be e-mailed or accessed using our Web site with a password assigned by the lab.

### Volume discounts

Discounts are available for large numbers of samples. For more information, please contact the Soil and Plant Testing Laboratory.

## Soil Testing and Plant Diagnostic Service Laboratories

Soil and Plant Testing Laboratory  
573-882-0623

Plant Diagnostic Clinic  
573-882-3019

Extension Nematology Laboratory  
573-884-9118

## PLANTS

**Regular analysis** **\$17.00**  
Nitrogen, phosphorus, potassium, calcium, magnesium. The micronutrients iron, zinc, copper and manganese when requested with a routine analysis are \$1.50 per nutrient. Individually the charge is \$4.00 per nutrient.

**Complete analysis package** **\$25.00**  
Includes regular and micronutrients mentioned above and boron

### Individual analyses

Total Kjeldhal nitrogen (TKN) \$10.00  
Phosphorus \$5.00  
Potassium \$5.00  
Calcium \$4.00  
Magnesium \$4.00  
Sulfate-S \$6.50  
Nitrate \$8.00  
Boron \$5.00  
Chloride \$6.50

- A sample grinding fee of \$2.00 per sample (individual analyses) will be added for all plant samples that need to be dried and ground.
- The testing fee for the second of a paired good/abnormal sample will be one-half the regular price.

## WATER

**Domestic suitability** **\$35.00**  
Hardness, pH, nitrate-N, sulfate, chloride, sodium, carbonate, bicarbonate, iron, manganese, copper, electrical conductivity, total dissolved solids

**Irrigation suitability** **\$35.00**  
pH, nitrate-N, sulfate, chloride, sodium, phosphorus, potassium, electrical conductivity, carbonate, bicarbonate, total dissolved solids, SAR

**Livestock suitability** **\$40.00**  
pH, nitrate-N, sulfate, calcium, magnesium, chloride, sodium, copper, iron, manganese, electrical conductivity, total dissolved solids

**Poultry suitability** **\$45.00**  
Hardness, pH, nitrate-N, sulfate, phosphate, calcium, magnesium, chloride, sodium, potassium, carbonate, bicarbonate, copper, iron, manganese, electrical conductivity, total dissolved solids

# MISSOURI FERTILIZER

## REPORT

Fertilizer Control Service  
Agricultural Experiment Station  
University of Missouri-Columbia  
Columbia, MO 65211-8080  
Volume 53, No. 2, December 2011

Non - Profit  
U.S. Postage  
**PAID**  
University of Missouri

CHANGE SERVICE REQUESTED



## REPORT CONTENTS

	Page
1. Bagged Fertilizer	1
2. Bulk Dry Fertilizer	6
3. Bulk Blend Fertilizer	17
4. Liquid Fertilizer	23
5. Secondary and micronutrient sample analysis	25
6. AAPFCO/IPNI 4-R's Nutrient Stewardship	32
7. MU Soil Testing Lab Brochure	34

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