



# MISSOURI FERTILIZER REPORT

Volume 45, No. 2

July, 2003

## REPORT OF ANALYSIS OF FERTILIZER SAMPLES COLLECTED

January 1 through June 30, 2003

### BAGGED FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
AGRI-NUTRIENTS, INC		CATOOSA, OK			
2243	13.0-25.0-12.0	11.2*	23.8	11.7	92.84*
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	92.84
AGRILIANCE, LLC		ST PAUL, MN			
2674	24.0- 4.0-16.0	20.8*	3.1*	7.2*	76.39*
2647**	32.0- 3.0-10.0	32.4	2.9	9.4	100.00
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	1 -	88.81
ALASKA FISH FERTILIZER CO		RENTON, WA			
3896**	5.0- 1.0- 1.0	4.9	1.6	2.3	117.69
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	117.69
ALLJACK, DIV OF UNITED IND		ST LOUIS, MO			
4374**	30.0-10.0-10.0	31.2	10.3	10.6	104.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	104.00
AMERICAN PLANT FOOD COMPANY		BRIDGETON, MO			
4204**	15.0-30.0-15.0	16.8	31.7	16.8	108.38
3262**	30.0-10.0-10.0	28.6	11.2	10.8	100.44
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	104.16
BAYER ADVANCED LLC		BIRMINGHAM, AL			
4230**	12.0-18.0- 6.0	11.4	19.2	6.7	102.88
3768**	30.0- 3.0- 4.0	30.2	4.2	4.6	104.86
3523**	30.0- 3.0- 5.0	29.9	4.0	5.7	103.52
3942**	30.0- 3.0- 5.0	33.1	3.8	4.6	110.42
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	105.46
BEAUFORT FEED STORE INC		BEAUFORT, MO			
3926	8.0-24.0-24.0	8.8	22.4	21.8*	95.68*
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	95.68

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
BRADFIELD INDUSTRIES, INC		SPRINGFIELD, MO			
2298	3.0- 1.0- 5.0	3.1	1.4	5.6	112.31
2299	3.0- 1.0- 5.0	3.0	1.4	5.6	110.77
2880	3.0- 1.0- 5.0	3.0	1.2	6.0	110.77
2881	3.0- 1.0- 5.0	3.2	1.1	5.5	108.46
2302	9.0- 0.0- 0.0	10.1	0.0	0.0	112.22
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	0 -	111.00
BUCHHEIT INC		PERRYVILLE, MO			
4026	6.0-24.0-24.0	8.0	20.4*	32.9	106.79
4022	12.0-12.0-12.0	14.2	13.2	10.0*	108.00
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	3 -	108.81
CALCIUM PRODUCTS, INC		GILMORE CITY, IA			
3432**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.00
CHEMSICO-DIV, OF UNITED INDUSTRIES		ST LOUIS, MO			
3841	10.0-10.0-10.0	9.8	9.8	10.8	100.00
3917**	20.0-20.0-20.0	20.1	21.1	21.2	103.60
2667	28.0- 3.0- 3.0	34.0	3.2	3.5	119.85
3316	28.0- 3.0- 3.0	26.6	3.2	3.6	97.23
3318	28.0- 3.0- 3.0	27.3	3.3	3.8	100.00
2656	29.0- 3.0- 3.0	28.5	3.2	4.4	101.19
2868	29.0- 3.0- 3.0	31.7	3.2	3.4	109.25
2370**	29.0- 3.0- 4.0	28.4	3.3	4.3	99.56
2659**	29.0- 3.0- 4.0	31.0	3.1	3.8	105.88
2147**	30.0- 3.0- 3.0	29.5	3.3	3.0	99.42
4164**	30.0- 3.0- 3.0	29.4	2.7	3.9	98.70
2151	30.0- 3.0- 4.0	29.6	2.4*	3.6	96.57*
2478	30.0- 3.0- 4.0	30.3	3.1	4.3	101.57
2652	30.0- 3.0- 4.0	30.2	2.9	4.2	100.57

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## BAGGED FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
CHEMSICO-DIV, OF UNITED INDUSTRIES ST LOUIS, MO					
2865	30.0- 3.0- 4.0	29.5	3.3	4.1	99.57
2866	30.0- 3.0- 4.0	30.2	3.1	4.0	100.86
#TOTALS - NO. SAMPLES 16 - SMPLS MISBRANDED 1 - 102.13					
CHOUTEAU LIME CO, INC PRYOR, OK					
4025	8.0-24.0-24.0	9.1	22.9	25.8	102.05
4233	10.0-20.0-10.0	11.2	21.6	12.4	111.43
4020	13.0-13.0-13.0	9.0*	13.2	9.5*	82.92*
4219	13.0-13.0-13.0	15.2	15.0	15.5	116.77
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 2 - 98.46					
DOMESTIC FERTILIZER, INC PARIS, KY					
3986**	15.0- 7.0- 6.0	16.2	8.0	7.6	112.00
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 114.00					
EARTHGRO, INC MARYSVILLE, OH					
3949	0.1- 0.1- 0.1	0.5	0.4	0.3	420.00
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 420.00					
EASY GARDENER, INC WACO, TX					
4397	12.0-16.0-12.0	14.2	17.3	13.0	111.76
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 118.16					
EAU CLAIRE COOP OIL COMPANY EAU CLAIRE, WI					
3679**	25.0- 3.0- 5.0	23.7	2.7	5.2	95.08*
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 95.08					
FREE FLOW FERTILIZER MAUMEE, OH					
2683	9.0-17.0- 9.0	10.0	16.6	8.5	101.15
2247**	10.0-20.0-10.0	10.4	19.6	10.2	100.29
3750	12.0-12.0-12.0	12.2	13.0	12.2	104.33
2671	27.0- 3.0- 6.0	27.8	2.9	5.9	101.97
1796	28.0- 3.0- 3.0	27.1	3.7	3.5	100.15
2159	28.0- 3.0- 3.0	27.0	3.5	2.8	98.15
2285**	28.0- 3.0- 3.0	27.7	3.2	3.1	99.85
2481**	28.0- 3.0- 3.0	28.8	4.1	3.7	106.92
4166	28.0- 3.0- 3.0	27.6	2.3*	3.8	97.85
2658**	29.0- 3.0- 4.0	29.0	3.2	4.3	101.03
3312	29.0- 3.0- 4.0	29.9	3.3	3.7	103.09
3771	29.0- 3.0- 4.0	29.6	3.2	3.9	102.21
2146**	30.0- 3.0- 4.0	29.5	3.5	4.4	100.57
2149**	30.0- 3.0- 4.0	29.5	3.2	4.2	99.43
2272**	32.0- 3.0- 5.0	32.7	2.9	5.9	102.80
2648**	32.0- 3.0- 5.0	30.6	3.1	9.2	102.13
2273**	32.0- 4.0- 8.0	32.0	4.4	8.1	101.13
#TOTALS - NO. SAMPLES 21 - SMPLS MISBRANDED 2 - 101.15					
FRIT INDUSTRIES OZARK, AL					
3895**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.00					
GARD'N-WISE DIST, INC WICHITA, KS					
2295**	13.0-13.0-13.0	13.3	11.6*	13.2	96.92*
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 96.92					
GLOBAL STONE JAMES RIVER BUCHANAN, VA					
2751**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.00					
GRO TEC, INC COVINGTON, GA					
2618	6.0-10.0-10.0	6.1	9.8	10.4	100.48
2816	9.0-12.0-12.0	9.8	17.2	11.4	121.11
3275	12.0- 6.0- 6.0	12.6	7.5	8.4	115.71
4220	12.0- 6.0- 6.0	11.9	6.2	6.4	101.43
2808	16.0-10.0- 9.0	17.0	10.1	9.8	104.92
2680**	18.0-24.0- 6.0	18.2	21.4*	7.0	95.78*
4319**	18.0-24.0- 6.0	17.1	23.5	6.6	97.56
2670**	27.0- 4.0- 6.0	23.5*	2.8*	7.1	87.79*
4259**	27.0- 4.0- 6.0	24.1*	3.2*	6.9	90.44*
#TOTALS - NO. SAMPLES 10 - SMPLS MISBRANDED 3 - 100.36					

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
HOWARD JOHNSON'S ENTERPRISES, INC MILWAUKEE, WI					
2434	5.0-10.0- 5.0	5.6	8.8*	5.8	98.86
1920	10.0- 6.0- 4.0	9.4	7.0	3.9	101.94
2102	10.0- 6.0- 4.0	9.1	5.3*	4.1	91.39*
2103	10.0- 6.0- 4.0	9.5	5.5	4.0	94.44*
2430	10.0- 6.0- 4.0	8.2*	4.0*	3.7	78.06*
2431	10.0- 6.0- 4.0	9.4	5.5	3.8	93.33*
3527	10.0- 6.0- 4.0	10.2	6.2	3.8	101.67
3682	10.0- 6.0- 4.0	10.7	7.3	4.3	111.94
4231	10.0- 6.0- 4.0	10.0	7.1	3.7	105.28
2099	12.0-12.0-12.0	10.6*	9.7*	11.8	87.33*
2100	12.0-12.0-12.0	10.2*	11.0	12.6	91.67*
2101	12.0-12.0-12.0	11.4	9.9*	12.1	91.17*
2226	12.0-12.0-12.0	11.3	11.1	11.2	93.33*
2427	12.0-12.0-12.0	11.4	11.2	11.4	94.33*
2428	12.0-12.0-12.0	11.5	10.5*	12.9	94.83*
2429	12.0-12.0-12.0	10.8	12.9	15.0	104.00
2609	12.0-12.0-12.0	10.9	9.5*	13.2	90.00*
2613	12.0-12.0-12.0	11.4	12.4	12.5	100.17
2614	12.0-12.0-12.0	11.5	11.1	12.7	96.50*
3484	12.0-12.0-12.0	11.8	11.4	12.2	97.67
3639	12.0-12.0-12.0	11.3	10.6*	12.2	93.33*
3640	12.0-12.0-12.0	11.8	11.8	12.1	98.83
3641	12.0-12.0-12.0	10.6*	9.7*	11.5	86.83*
3837	12.0-12.0-12.0	11.8	10.7*	12.2	95.33*
3840	12.0-12.0-12.0	11.5	11.4	12.0	96.33*
4021	12.0-12.0-12.0	13.1	12.8	12.2	106.67
4228	12.0-12.0-12.0	12.3	13.0	11.4	103.33
4320	12.0-12.0-12.0	11.8	11.5	12.3	98.17
4321	12.0-12.0-12.0	13.2	14.2	11.2	110.00
1919	12.0-22.0- 6.0	10.6*	18.3*	7.0	87.57*
2615	12.0-22.0- 6.0	11.0	19.8*	6.4	91.89*
3833**	12.0-22.0-14.0	12.4	21.7	14.1	100.37
1916	13.0-13.0-13.0	13.6	13.9	12.4	103.69
1918	13.0-13.0-13.0	11.9	12.3	12.6	93.85*
2811	13.0-13.0-13.0	12.8	12.6	12.9	98.00
4148	13.0-13.0-13.0	12.7	12.3	12.2	95.69*
4208	13.0-13.0-13.0	13.2	13.3	13.1	101.69
2294**	15.0- 5.0-10.0	14.4	5.4	9.6	98.40
2878**	15.0- 5.0-10.0	15.9	7.0	10.4	112.40
1915**	16.0- 4.0- 8.0	14.8	3.8	7.7	93.54*
2173**	16.0- 4.0- 8.0	16.6	6.4	8.0	112.50
2489**	16.0- 4.0- 8.0	17.0	5.9	8.0	112.08
2293**	16.0- 8.0- 8.0	14.8	6.9*	7.5	90.89*
3987**	18.0-24.0-12.0	17.8	24.1	12.6	100.42
2876**	22.0- 4.0-11.0	19.2*	3.4*	10.8	88.89*
2169**	23.0- 3.0- 8.0	21.5	3.0	8.0	95.00*
4261**	23.0- 3.0- 8.0	24.9	3.8	7.8	108.67
1972	25.0- 3.0- 3.0	25.5	3.8	3.1	104.58
2287**	25.0- 3.0- 5.0	24.4	3.0	5.0	98.03
4317**	25.0- 4.0- 8.0	25.2	4.6	7.8	102.12
2163**	26.0- 3.0- 4.0	26.2	2.8	4.1	100.16
2484**	26.0- 3.0- 4.0	23.8*	2.7	6.1	95.32*
2673	26.0- 3.0- 4.0	25.8	2.8	4.5	99.52
4260**	26.0- 3.0- 4.0	25.6	2.9	4.2	98.71
2672	27.0- 3.0- 3.0	26.0	3.4	3.2	98.41
2874**	27.0- 3.0- 3.0	27.9	3.5	3.1	104.60
2161**	28.0- 3.0- 4.0	27.9	3.8	4.5	102.88
2482**	28.0- 3.0- 4.0	27.4	3.6	4.3	100.45
2483**	28.0- 3.0- 4.0	30.0	3.7	3.8	107.88
2664**	28.0- 3.0- 4.0	27.5	2.9	4.0	98.18
2665**	28.0- 3.0- 4.0	27.9	3.1	4.5	100.76
3674**	28.0- 3.0- 4.0	27.7	3.2	4.3	100.15
3854**	28.0- 3.0- 4.0	27.8	3.0	4.3	99.85
4067**	28.0- 3.0- 4.0	31.0	3.6	5.3	112.88
4257**	28.0- 3.0- 4.0	28.0	3.0	4.3	100.45
2279**	30.0- 3.0- 5.0	27.3*	3.2	5.4	93.52*
2282**	30.0- 4.0- 6.0	30.6	4.1	6.2	102.16
#TOTALS - NO. SAMPLES 76 - SMPLS MISBRANDED 30 - 99.09					
HOWARD JOHNSON'S ENTERPRISES INC NEOSHO, MO					
2106	5.0- 5.0-20.0	5.6	6.0	16.5*	99.25
2107	5.0- 5.0-25.0	5.9	6.6	26.0	113.33

## BAGGED FERTILIZER

MANUFACTURER		% FOUND			% Relative Value	MANUFACTURER		% FOUND			% Relative Value																																												
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash		No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash																																													
HOWARD JOHNSON'S ENTERPRISES INC					NEOSHO, MO					LEBANON SEABORN CORPORATION					LEBANON, PA																																								
2105**	10.0-20.0-10.0	9.3	18.2	10.1	93.00*	3920**	13.0-25.0-12.0	14.1	23.5	12.5	99.66	2280	30.0- 4.0- 4.0	31.1	4.3	5.3	105.69	2281	30.0- 4.0- 4.0	28.8	4.7	4.6	99.44																																
2098	12.0-12.0-12.0	10.6*	9.3*	12.0	86.33*	#TOTALS - NO. SAMPLES 7 - SMPLS MISBRANDED 1 - 102.82					LESCO, INC (MARTIN'S FERRY)					STRONGVILLE, OH																																							
2174	13.0- 3.0- 7.0	13.5	3.1	7.1	103.33	2610** 12.0-12.0-12.0 12.1 13.6 12.7 106.83					#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 1 - 108.71					MADISON COUNTY FARM SUPPLY INC					FREDERICKTOWN, MO																																		
2097	13.0-13.0-13.0	12.9	13.6	13.1	101.69	3858** 3.0- 5.0- 4.0 2.8 5.3 5.0 106.00					3821 13.0-13.0-13.0 13.2 12.6 14.8 102.15					1635 20.0-10.0-10.0 20.9 10.4 9.7 103.29					#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 102.74																																		
4209	13.0-13.0-13.0	13.1	13.8	12.8	102.46	MFA PLANT FOODS					COLUMBIA, MO					MFA AGRI SERVICES					ELSBERRY, MO																																		
4210	13.0-13.0-13.0	13.7	14.2	13.1	106.00	2432** 6.0-24.0-24.0 5.4 22.0 25.0 95.00*					3821 13.0-13.0-13.0 13.2 12.6 14.8 102.15					1635 20.0-10.0-10.0 20.9 10.4 9.7 103.29					#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 102.74																																		
4211	13.0-13.0-13.0	13.3	13.3	12.9	101.69	2619** 6.0-24.0-24.0 6.4 23.7 25.0 101.43					3754 6.0-24.0-24.0 6.0 24.8 25.1 103.21					3865 6.0-24.0-24.0 6.4 21.1* 26.6 97.14					2607** 13.0-13.0-13.0 14.2 14.4 12.0 106.46																																		
4212**	13.0-13.0-13.0	13.8	13.8	12.8	104.62	3064 13.0-13.0-13.0 12.9 11.6* 13.0 95.38*					3273** 13.0-13.0-13.0 12.9 14.8 13.1 105.38*					3274 13.0-13.0-13.0 12.8 11.5* 13.0 94.77*					3745 13.0-13.0-13.0 12.6 13.6 14.4 102.77																																		
4213	13.0-13.0-13.0	13.2	13.6	12.9	102.31	3274 13.0-13.0-13.0 12.8 11.5* 13.0 94.77*					3745 13.0-13.0-13.0 12.6 13.6 14.4 102.77					3746 13.0-13.0-13.0 13.2 13.2 12.3 100.15					3830** 13.0-13.0-13.0 10.0* 11.4* 17.2 92.31*																																		
4214	13.0-13.0-13.0	13.3	12.9	13.3	101.08	3925 13.0-13.0-13.0 12.8 10.2* 12.7 90.31*					4205 13.0-13.0-13.0 13.1 12.6 13.5 99.85					2425** 18.0-18.0-18.0 20.0 20.0 14.1* 104.56					3266** 20.0-10.0-10.0 16.7* 7.2* 11.3 84.43*																																		
4216	13.0-13.0-13.0	13.5	13.8	13.0	104.00	3743** 20.0-10.0-10.0 19.9 9.9 11.8 102.00					3918 20.0-10.0-10.0 19.3 9.0 10.6 96.00*					#TOTALS - NO. SAMPLES 29 - SMPLS MISBRANDED 12 - 98.63					MICHEL FERTILIZER & EQUIPMENT					MT VERNON, IL																													
4217	13.0-13.0-13.0	13.8	15.3	12.4	108.62	4205 13.0-13.0-13.0 13.1 12.6 13.5 99.85					2425** 18.0-18.0-18.0 20.0 20.0 14.1* 104.56					3266** 20.0-10.0-10.0 16.7* 7.2* 11.3 84.43*					3743** 20.0-10.0-10.0 19.9 9.9 11.8 102.00					3918 20.0-10.0-10.0 19.3 9.0 10.6 96.00*					#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 1 - 93.00																								
4218**	13.0-13.0-13.0	14.0	15.0	12.8	108.92	MILLER SEED & WHOLESALE DISTR.					PEA RIDGE, AR					MILORGANITE DIVISION - MMSD					MILWAUKEE, WI																																		
2175	15.0- 5.0-10.0	17.9	10.5	9.9	133.40	2812 13.0-13.0-13.0 13.3 15.8 11.8 107.69					#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 107.69					2300 6.0- 2.0- 0.0 6.3 4.1 0.0 130.00					2301** 6.0- 2.0- 0.0 6.2 3.8 0.0 125.00					2684** 6.0- 2.0- 0.0 6.4 4.6 0.0 137.50					2879** 6.0- 2.0- 0.0 6.3 4.6 0.0 136.25					3684** 6.0- 2.0- 0.0 6.7 4.1 0.0 135.00					3950** 6.0- 2.0- 0.0 6.6 4.0 0.0 132.50					4069** 6.0- 2.0- 0.0 6.1 4.0 0.0 126.25					#TOTALS - NO. SAMPLES 7 - SMPLS MISBRANDED 0 - 131.78				
2172**	16.0- 4.0- 4.0	16.8	5.2	4.1	109.32	3918 20.0-10.0-10.0 19.3 9.0 10.6 96.00*					#TOTALS - NO. SAMPLES 29 - SMPLS MISBRANDED 12 - 98.63					MICHEL FERTILIZER & EQUIPMENT					MT VERNON, IL																																		
4200	19.0- 0.0-19.0	20.0	0.0	18.6	102.81	MILLER SEED & WHOLESALE DISTR.					PEA RIDGE, AR					MILORGANITE DIVISION - MMSD					MILWAUKEE, WI																																		
4201	19.0- 0.0-19.0	18.9	0.0	18.6	98.95	2812 13.0-13.0-13.0 13.3 15.8 11.8 107.69					#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 107.69					2300 6.0- 2.0- 0.0 6.3 4.1 0.0 130.00					2301** 6.0- 2.0- 0.0 6.2 3.8 0.0 125.00					2684** 6.0- 2.0- 0.0 6.4 4.6 0.0 137.50					2879** 6.0- 2.0- 0.0 6.3 4.6 0.0 136.25					3684** 6.0- 2.0- 0.0 6.7 4.1 0.0 135.00					3950** 6.0- 2.0- 0.0 6.6 4.0 0.0 132.50					4069** 6.0- 2.0- 0.0 6.1 4.0 0.0 126.25					#TOTALS - NO. SAMPLES 7 - SMPLS MISBRANDED 0 - 131.78				
4202	19.0- 0.0-19.0	18.1	0.0	18.5	95.96*	MIRACLE-GRO LAWN PRODUCTS, INC					MARYSVILLE, OH					2300 6.0- 2.0- 0.0 6.3 4.1 0.0 130.00					2301** 6.0- 2.0- 0.0 6.2 3.8 0.0 125.00					2684** 6.0- 2.0- 0.0 6.4 4.6 0.0 137.50					2879** 6.0- 2.0- 0.0 6.3 4.6 0.0 136.25					3684** 6.0- 2.0- 0.0 6.7 4.1 0.0 135.00					3950** 6.0- 2.0- 0.0 6.6 4.0 0.0 132.50					4069** 6.0- 2.0- 0.0 6.1 4.0 0.0 126.25					#TOTALS - NO. SAMPLES 7 - SMPLS MISBRANDED 0 - 131.78				
4203**	19.0- 0.0-19.0	18.3	0.0	18.3	96.32*	4151 9.0-17.0- 9.0 10.5 19.6 10.2 115.41					2804** 15.0-30.0-15.0 15.5 30.6 16.0 103.05					2290** 20.0-27.0- 5.0 21.2 29.4 3.9* 106.16					2487** 20.0-27.0- 5.0 20.3 28.0 4.9 102.53																																		
2170**	23.0- 3.0- 8.0	22.4	3.3	7.9	98.83	MIRACLE-GRO LAWN PRODUCTS, INC					MARYSVILLE, OH					2300 6.0- 2.0- 0.0 6.3 4.1 0.0 130.00					2301** 6.0- 2.0- 0.0 6.2 3.8 0.0 125.00					2684** 6.0- 2.0- 0.0 6.4 4.6 0.0 137.50					2879** 6.0- 2.0- 0.0 6.3 4.6 0.0 136.25					3684** 6.0- 2.0- 0.0 6.7 4.1 0.0 135.00					3950** 6.0- 2.0- 0.0 6.6 4.0 0.0 132.50					4069** 6.0- 2.0- 0.0 6.1 4.0 0.0 126.25					#TOTALS - NO. SAMPLES 7 - SMPLS MISBRANDED 0 - 131.78				
2165**	25.0- 3.0- 3.0	25.7	3.8	3.7	106.27	4151 9.0-17.0- 9.0 10.5 19.6 10.2 115.41					2804** 15.0-30.0-15.0 15.5 30.6 16.0 103.05					2290** 20.0-27.0- 5.0 21.2 29.4 3.9* 106.16					2487** 20.0-27.0- 5.0 20.3 28.0 4.9 102.53																																		
2166	25.0- 4.0- 8.0	26.4	5.8	8.1	109.85	MIRACLE-GRO LAWN PRODUCTS, INC					MARYSVILLE, OH					2300 6.0- 2.0- 0.0 6.3 4.1 0.0 130.00					2301** 6.0- 2.0- 0.0 6.2 3.8 0.0 125.00					2684** 6.0- 2.0- 0.0 6.4 4.6 0.0 137.50					2879** 6.0- 2.0- 0.0 6.3 4.6 0.0 136.25					3684** 6.0- 2.0- 0.0 6.7 4.1 0.0 135.00					3950** 6.0- 2.0- 0.0 6.6 4.0 0.0 132.50					4069** 6.0- 2.0- 0.0 6.1 4.0 0.0 126.25					#TOTALS - NO. SAMPLES 7 - SMPLS MISBRANDED 0 - 131.78				
2167**	25.0- 5.0-12.0	26.6	6.6	11.6	108.33	4151 9.0-17.0- 9.0 10.5 19.6 10.2 115.41					2804** 15.0-30.0-15.0 15.5 30.6 16.0 103.05					2290** 20.0-27.0- 5.0 21.2 29.4 3.9* 106.16					2487** 20.0-27.0- 5.0 20.3 28.0 4.9 102.53																																		
#TOTALS - NO. SAMPLES	25 - SMPLS MISBRANDED	5 -	103.62																																																				
HUMALFA, INC					SHATTUCK, OK																																																		
3948**	1.5- 1.5- 2.0	1.0*	1.6	1.7*	86.25*																																																		
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	1 -	86.25																																																				
IRONITE PRODUCTS COMPANY					SCOTTSDALE, AZ																																																		
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0 -	210.00																																																				
JEFFCO FEED & FERTILIZER					DESOTO, MO																																																		
2818	6.0-24.0-24.0	8.7	20.8*	30.3	106.31																																																		
2807	20.0-10.0-10.0	26.4	6.2*	9.8	107.14																																																		
#TOTALS - NO. SAMPLES	2 - SMPLS MISBRANDED	2 -	106.68																																																				
KELLY LIMESTONE LLC					KIRKSVILLE, MO																																																		
4190**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00																																																		
4287**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00																																																		
#TOTALS - NO. SAMPLES	3 - SMPLS MISBRANDED	0 -	104.09																																																				
KNOX FERTILIZER COMPANY, INC					KNOX, IN																																																		
3836	12.0-12.0-12.0	13.1	11.7	12.8	104.00																																																		
#TOTALS - NO. SAMPLES	1 - SMPLS MISBRANDED	0 -	104.00																																																				
LANGE-STEGMANN COMPANY					ST LOUIS, MO																																																		
2817	6.0-24.0-24.0	6.1	23.6	24.5	99.88																																																		
3279	6.0-24.0-24.0	6.7	20.5*	26.3	96.07*																																																		
3752	6.0-24.0-24.0	7.7	22.4	23.0	99.05																																																		
3864	6.0-24.0-24.0	6.0	19.4*	27.8	93.57*																																																		
3955	6.0-24.0-24.0	7.5	22.5	25.6	101.90																																																		
3956	6.0-24.0-24.0	7.2	19.0*	27.0	94.52*																																																		
2611	12.0-12.0-12.0	11.3	10.0*	13.1	92.83*																																																		
2814	12.0-12.0-12.0	12.8	9.5*	12.6	95.33*																																																		
3277	12.0-12.0-12.0	11.8	8.3*	12.6	88.00*																																																		
3835	12.0-12.0-12.0	10.2*	9.4*	14.1	88.83*																																																		
2810	13.0-13.0-13.0	13.2	11.6*	13.8	97.54																																																		
3744	13.0-13.0-13.0	13.4	12.1	15.2	101.85																																																		
3747	13.0-13.0-13.0	11.6*	10.0*	12.8	86.15*																																																		
3922	13.0-13.0-13.0	12.2	11.6*	16.5	98.62																																																		
2240	15.0- 2.0- 5.0	15.0	2.0	5.3	100.77																																																		
2806	20.0-10.0-10.0	20.4	9.2	11.5	101.00																																																		
3270	20.0-10.0-10.0	17.1*	8.6*	11.3	89.57*																																																		
3919	20.0-10.0-10.0	16.6*	9.6	11.5	91.29*																																																		
#TOTALS - NO. SAMPLES	24 - SMPLS MISBRANDED	13 -	96.76																																																				
LEBANON SEABORN CORPORATION					LEBANON, PA																																																		
2245**	10.0-18.0-10.0	9.9	10.2	10.7	101.80																																																		
2246	10.0-18.0-10.0	9.9	19.5	9.2	103.03																																																		
3643	10.0-18.0-10.0	10.8	19.8	9.6	107.27																																																		
2244	11.0-23.0-10.0	13.4	19.8*	14.4	103.59																																																		

## 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					
3320**	20.0-27.0- 5.0	21.0	27.6	4.7	102.93
1970**	27.0- 3.0- 6.0	28.5	2.8	5.4	103.03
1969**	28.0- 3.0- 3.0	28.3	3.1	3.2	101.54
2160**	28.0- 3.0- 3.0	28.5	3.4	3.5	103.54
2480**	28.0- 3.0- 3.0	28.6	3.9	3.5	105.38
2666**	28.0- 3.0- 3.0	27.9	3.7	3.8	103.08
3315	28.0- 3.0- 3.0	29.2	3.1	2.9	103.85
3526**	28.0- 3.0- 3.0	27.7	3.9	3.7	102.92
3677**	28.0- 3.0- 3.0	28.1	3.5	3.6	102.77
4165	28.0- 3.0- 3.0	28.1	3.1	3.4	101.23
1636	29.0- 3.0- 4.0	30.8	3.3	4.2	106.47
1967**	29.0- 3.0- 4.0	30.1	3.0	4.2	103.53
2152**	29.0- 3.0- 4.0	28.8	3.2	4.1	100.15
2283**	29.0- 3.0- 4.0	29.6	3.2	4.1	102.50
2657**	29.0- 3.0- 4.0	29.3	3.4	4.2	102.35
3311**	29.0- 3.0- 4.0	30.2	3.5	4.3	105.44
3672**	29.0- 3.0- 4.0	29.3	3.4	4.1	102.21
4065	29.0- 3.0- 4.0	26.8*	3.4	5.3	96.62*
4066**	29.0- 3.0- 4.0	28.5	3.6	4.9	101.62
4254	29.0- 3.0- 4.0	28.7	3.7	6.7	105.15
4394**	29.0- 3.0- 4.0	29.0	3.2	4.3	101.03
2145**	30.0- 3.0- 4.0	30.9	3.3	4.4	104.00
3671**	30.0- 3.0- 4.0	31.5	3.3	4.3	105.57
#TOTALS - NO. SAMPLES		28 - SMPLS	MISBRANDED	2 -	103.29
BRUCE OAKLEY INC BEEBE, AR					
4236	6.0-24.0-24.0	5.7	23.2	26.6	100.48
3751	8.0-24.0-24.0	8.0	23.5	24.5	99.43
4152	8.0-24.0-24.0	7.9	23.7	23.5	98.52
4234	8.0-24.0-24.0	8.0	25.8	22.3	102.16
3642	10.0-20.0-10.0	9.4	18.9	10.6	96.00*
4232	10.0-20.0-10.0	10.2	21.5	12.6	108.57
4302	10.0-20.0-10.0	11.2	23.4	12.8	117.14
2809	13.0-13.0-13.0	12.1	12.2	12.7	94.31*
3637	13.0-13.0-13.0	9.0*	8.9*	13.5	75.85*
3638	13.0-13.0-13.0	11.2*	12.4	13.4	93.23*
3749	13.0-13.0-13.0	12.6	13.6	14.4	102.77
4146	13.0-13.0-13.0	11.4*	11.8	13.6	92.31*
4206	13.0-13.0-13.0	11.8	12.4	12.8	94.15*
4207	13.0-13.0-13.0	12.9	12.2	13.0	97.23
#TOTALS - NO. SAMPLES		17 - SMPLS	MISBRANDED	7 -	98.51
PURSELL INDUSTRIES ST LOUIS, MO					
2104	10.0-10.0-10.0	10.5	10.2	11.0	104.80
2371	10.0-10.0-10.0	10.2	10.3	11.3	104.60
2616	10.0-10.0-10.0	9.9	9.8	12.5	103.80
3485	12.0-12.0-12.0	12.1	12.1	13.9	103.83
3839	12.0-12.0-12.0	14.1	12.4	11.9	108.17
2488**	18.0-24.0-10.0	17.8	23.2	12.4	100.43
3775	18.0-24.0-10.0	20.2	23.8	11.6	105.96
2679	20.0-27.0- 5.0	21.7	26.0	5.9	102.32
1973**	24.0- 3.0-12.0	23.5	2.8	12.3	98.33
2288**	24.0- 3.0-12.0	26.5	3.0	13.4	109.70
2875**	24.0- 3.0-12.0	23.5	2.5*	11.6	96.36*
3525	28.0- 2.0- 4.0	26.7	2.3	3.2*	95.63*
2369	28.0- 3.0- 3.0	29.1	3.3	3.8	105.54
2668	28.0- 3.0- 3.0	27.4	3.4	3.5	100.15
2872	28.0- 3.0- 3.0	28.5	4.1	3.8	106.15
3773	28.0- 3.0- 3.0	28.0	3.2	3.8	101.85
2368	28.0- 3.0- 4.0	28.0	3.8	3.6	101.82
3314	28.0- 3.0- 4.0	29.8	3.7	3.9	107.42
3772**	29.0- 2.0- 5.0	29.8	2.0	4.3*	101.34
4253	29.0- 2.0- 5.0	30.6	1.8	5.6	105.07
2158	29.0- 3.0- 3.0	30.4	3.6	4.4	108.06
2479	29.0- 3.0- 3.0	31.8	3.4	4.4	111.64
2155	29.0- 3.0- 4.0	32.6	3.6	3.2*	111.18
2661	29.0- 3.0- 4.0	31.8	4.0	4.7	112.21
2869	29.0- 3.0- 4.0	32.5	4.2	4.0	113.82
2870	29.0- 3.0- 4.0	23.2*	4.4	7.5	92.21*
3310	29.0- 3.0- 4.0	29.6	4.0	5.3	106.62
4395	29.0- 3.0- 4.0	36.8	2.1*	2.8*	118.53
1965**	30.0- 3.0- 3.0	28.6	2.6*	4.1	96.38*

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MIRACLE-GRO LAWN PRODUCTS, INC MARYSVILLE, OH					
2276**	30.0- 3.0- 3.0	30.4	3.5	4.0	104.06
2649**	30.0- 3.0- 3.0	27.3*	2.8	3.4	92.17*
4393**	30.0- 3.0- 3.0	29.0	3.0	3.8	98.26
2271**	36.0- 3.0- 4.0	36.3	2.9	5.1	101.83
#TOTALS - NO. SAMPLES		48 - SMPLS	MISBRANDED	12 -	102.89
ROOTS INC INDEPENDENCE, MO					
2491**	3.0- 3.0- 4.0	3.4	2.6*	3.8	98.75
2490**	8.0- 2.0- 6.0	9.8	3.0	8.3	130.38
2378**	0.0- 3.0- 5.0	0.0	3.6	5.4	114.55
2379**	0.0- 5.0- 8.0	0.0	5.3	8.1	103.89
2376**	2.0- 2.0- 0.0	2.5	3.4	0.0	147.50
2377**	4.0- 4.0- 5.0	4.0	3.9	6.0	103.81
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED	1 -	114.60
ROYSTER-CLARK, INC. COLLINSVILLE, IL					
3748**	13.0-13.0-13.0	13.0	12.7	12.7	98.62
3831**	13.0-13.0-13.0	13.0	12.8	12.8	99.08
3832**	13.0-13.0-13.0	12.8	12.7	13.6	99.38
3921**	13.0-13.0-13.0	13.3	13.2	12.5	100.77
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	0 -	99.60
SCHULTZ COMPANY BRIDGETON, MO					
2752	1.0- 1.0- 4.0	2.8	3.3	6.4	232.50
3740**	4.0- 0.0- 0.0	4.3	0.0	0.0	107.50
3857	9.0- 9.0- 6.0	11.0	13.6	6.7	133.10
3822**	10.0-15.0-10.0	10.4	17.0	10.3	108.50
4221**	12.0- 8.0-10.0	13.8	8.6	11.3	112.20
2681**	14.0- 1.0- 6.0	14.4	1.4	6.6	106.11
3321**	14.0- 1.0- 6.0	15.7	1.8	7.8	118.89
3681**	14.0- 1.0- 6.0	15.0	2.4	6.8	115.56
4068**	14.0- 1.0- 6.0	15.9	1.9	6.4	116.67
4167**	14.0- 1.0- 6.0	15.2	1.8	7.0	113.89
3728	20.0- 1.0- 2.0	20.4	1.0	2.2	102.27
2873**	28.0- 3.0- 4.0	28.2	3.6	4.2	102.73
1968**	29.0- 3.0- 3.0	29.0	2.9	3.4	100.30
#TOTALS - NO. SAMPLES		17 - SMPLS	MISBRANDED	0 -	110.14
SCOTTS MIRACLE-GRO PRODUCTS, INC MARYSVILLE, OH					
3741	30.0-10.0-10.0	30.4	10.9	10.8	103.78
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	106.25
SCOTTS-SIERRA HORTICULTURAL PROD CO MARYSVILLE, OH					
2248**	9.0-45.0-15.0	9.0	44.2	15.5	99.11
3947	14.0-14.0-14.0	14.3	14.1	14.3	101.57
3946**	15.0- 9.0-12.0	15.9	10.2	12.5	107.83
3944**	19.0- 5.0- 9.0	19.3	5.8	9.2	104.21
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED	0 -	103.61
J.R. SIMPLOT CO. LATHROP, CA					
2239	16.0-28.0-12.0	18.3	26.4	10.0*	99.40
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	99.40
J.R. SIMPLOT COMPANY-(ST LOUIS) LATHROP, CA					
2292	18.0- 5.0- 9.0	14.5*	3.1*	9.0	80.36*
2676**	20.0- 3.0-18.0	17.2*	3.0	20.4	95.00*
2677**	20.0-10.0-20.0	18.7	8.3*	23.2	96.50*
2675**	22.0- 2.0-22.0	23.8	1.4*	21.5	102.71
2655**	30.0- 2.0-10.0	30.9	1.9	10.2	102.43
#TOTALS - NO. SAMPLES		10 - SMPLS	MISBRANDED	5 -	98.50
SPECTRUM GROUP, DIV OF UNITED IND ST LOUIS, MO					
2805**	20.0-20.0-20.0	19.8	21.2	20.8	102.80
3774	28.0- 2.0- 4.0	31.4	2.6	5.4	114.69
3769	30.0- 2.0- 5.0	31.3	2.5	5.9	106.52
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED	0 -	105.73
T AND N INC FORISTELL, MO					
2433	6.0-24.0-24.0	6.0	24.1	24.4	100.71
3065	6.0-24.0-24.0	6.3	24.7	23.8	102.14
3278	6.0-24.0-24.0	5.6	22.0	26.9	97.74
3753	6.0-24.0-24.0	6.9	24.2	23.5	102.02

## BAGGED FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
T AND N INC FORISTELL, MO					
2612	12.0-12.0-12.0	11.3	12.1	15.6	104.00
2815	12.0-12.0-12.0	12.5	12.6	11.6	103.00
3838	12.0-12.0-12.0	8.0*	11.0	13.1	85.17*
4150	12.0-12.0-12.0	11.2	12.6	13.0	101.00
4222	12.0-12.0-12.0	11.6	12.8	12.6	102.33
4224	12.0-12.0-12.0	12.6	12.8	12.4	105.33
4225**	12.0-12.0-12.0	11.4	11.9	12.7	98.83
4229	12.0-12.0-12.0	11.0	11.8	13.7	98.83
1917	13.0-13.0-13.0	14.1	14.2	12.7	106.62
2242	13.0-13.0-13.0	11.5*	10.4*	12.9	87.23*
2426	13.0-13.0-13.0	10.8*	10.8*	13.9	87.85*
2813	13.0-13.0-13.0	13.9	14.2	12.5	105.69
3923	13.0-13.0-13.0	12.7	12.7	15.4	101.85
3924	13.0-13.0-13.0	11.0*	11.4*	14.8	91.69*
4147	13.0-13.0-13.0	13.0	13.7	13.4	102.77
4301	13.0-13.0-13.0	15.0	13.8	13.2	108.92
4351	13.0-13.0-13.0	13.1	13.4	13.0	101.54
3272	18.0-18.0-18.0	18.1	18.3	18.1	101.00
2096	20.0-10.0-10.0	19.8	9.9	9.1	97.86
3062	20.0-10.0-10.0	19.8	9.1	10.7	97.86
3268	20.0-10.0-10.0	18.7	9.3	10.4	94.86*
3635	20.0-10.0-10.0	20.0	9.9	9.0	98.29
4318	20.0-10.0-10.0	19.1	8.3*	12.9	96.71*
#TOTALS - NO. SAMPLES 40 - SMPLS MISBRANDED 10 - 99.06					
THE ANDERSONS LAWN FERTILIZER DIV MAUMEE, OH					
3271**	18.0- 3.0- 7.0	18.1	3.1	7.1	101.02
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.02					
THE SCOTTS COMPANY MARYSVILLE, OH					
2241	14.0-14.0-14.0	14.2	13.8	14.5	100.71
1637	20.0-27.0- 5.0	20.0	27.6	6.7	102.93
1975	20.0-27.0- 5.0	21.1	26.4	5.5	101.52
2171	20.0-27.0- 5.0	21.3	27.9	5.4	104.85
2291	20.0-27.0- 5.0	21.3	26.3	5.6	101.82
2678	20.0-27.0- 5.0	20.7	27.4	5.5	102.73
2877	20.0-27.0- 5.0	21.8	27.2	4.9	103.94
4262	20.0-27.0- 5.0	20.9	28.3	5.1	104.55
2486**	21.0- 3.0- 3.0	21.7	3.4	3.3	104.90
1974**	24.0- 3.0-12.0	24.3	3.3	14.0	104.85
2168**	24.0- 3.0-12.0	24.1	3.2	12.7	101.97
2485	24.0- 3.0-12.0	23.6	3.3	12.8	100.91
4396**	27.0- 3.0- 4.0	26.8	3.2	4.9	101.41
2669**	28.0- 3.0- 3.0	28.4	3.2	3.2	102.15
2871**	28.0- 3.0- 3.0	27.9	3.2	3.3	100.77
3317**	28.0- 3.0- 3.0	28.1	3.1	3.3	101.08
3675**	28.0- 3.0- 3.0	27.8	3.2	3.4	100.62
3676**	28.0- 3.0- 3.0	28.0	3.2	3.5	101.38
4258**	28.0- 3.0- 3.0	28.3	3.5	3.5	103.23
2663**	28.0- 3.0- 8.0	29.1	3.4	9.1	105.86
3319**	28.0- 3.0- 8.0	29.4	3.3	8.7	105.86
2157**	29.0- 3.0- 3.0	29.1	3.2	3.4	101.49
2153**	29.0- 3.0- 4.0	28.7	3.2	5.1	101.32
2154**	29.0- 3.0- 4.0	28.9	3.4	5.0	102.35
2156	29.0- 3.0- 4.0	29.0	3.3	5.4	102.94
2284**	29.0- 3.0- 4.0	29.6	3.1	4.4	102.65
2660	29.0- 3.0- 4.0	29.1	3.2	5.0	102.35
3313**	29.0- 3.0- 4.0	29.3	3.4	5.0	103.53
3524**	29.0- 3.0- 4.0	29.7	3.4	4.4	103.82
3673**	29.0- 3.0- 4.0	29.0	2.9	5.4	101.76
3770**	29.0- 3.0- 4.0	29.1	3.2	4.4	101.47
3943**	29.0- 3.0- 4.0	29.6	3.3	4.9	103.97
4255**	29.0- 3.0- 4.0	29.2	3.4	4.8	102.94
1966**	30.0- 3.0- 3.0	30.3	3.0	3.6	101.74
2148**	30.0- 3.0- 3.0	30.4	3.2	3.5	102.46
2275**	30.0- 3.0- 3.0	29.3	3.2	4.0	100.00
2475**	30.0- 3.0- 3.0	30.5	3.1	3.5	102.46
2650**	30.0- 3.0- 3.0	29.8	3.1	3.1	99.86
2864**	30.0- 3.0- 3.0	30.5	3.3	3.5	103.04
2150**	30.0- 3.0- 4.0	30.3	3.2	5.1	103.00
2277**	30.0- 3.0- 4.0	30.7	3.4	4.7	104.14
2278**	30.0- 3.0- 4.0	30.7	3.3	4.1	103.00

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
THE SCOTTS COMPANY MARYSVILLE, OH					
2476**	30.0- 3.0- 4.0	30.4	3.6	4.4	103.43
2477	30.0- 3.0- 4.0	30.1	3.3	4.6	102.00
2651**	30.0- 3.0- 4.0	29.7	3.3	4.9	101.29
2653**	30.0- 3.0- 4.0	30.1	3.5	4.2	102.00
2654	30.0- 3.0- 4.0	30.0	3.5	4.6	102.29
2867**	30.0- 3.0- 4.0	30.1	3.3	4.7	102.14
4375**	30.0-10.0-10.0	30.2	11.2	10.7	103.89
1964**	31.0- 3.0- 8.0	31.4	2.9	8.4	101.32
2274**	31.0- 3.0- 9.0	32.4	3.4	9.6	105.45
2473**	31.0- 3.0- 9.0	32.4	4.0	9.0	106.23
2474**	31.0- 3.0-10.0	30.6	3.6	10.6	101.28
1963**	32.0- 3.0- 8.0	32.3	3.8	8.3	103.21
4316	36.0- 3.0- 4.0	36.2	3.7	4.7	103.05
#TOTALS - NO. SAMPLES 72 - SMPLS MISBRANDED 0 - 102.71					
TIGER-SUNBELT INDUSTRIES, INC ATMORE, AL					
3894**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.00					
UNITED HORTICULTURAL SUPPLY (UHS) GARDEN CITY, KS					
3636**	13.0-13.0-13.0	12.3	11.8	13.9	95.54*
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 95.54					
UNITED SUPPLIERS, INC ELDORA, IA					
4235	6.0-24.0-24.0	6.4	25.2	23.8	103.57
4199	20.0-10.0-10.0	20.0	10.6	10.8	102.86
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 103.24					
VAN DIEST SUPPLY COMPANY WEBSTER CITY, IA					
2662**	28.0- 5.0-12.0	30.3	6.6	9.4*	106.67
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 106.67					
VOLUNTARY PURCHASING GROUPS BONHAM, TX					
2249	8.0-10.0- 8.0	8.6	10.4	8.8	106.36
3842	8.0-10.0- 8.0	8.6	10.3	8.0	104.09
2296**	9.0-13.0- 7.0	9.6	16.6	8.4	119.22
2297**	9.0-13.0- 7.0	9.8	15.0	8.2	113.33
3644**	9.0-13.0- 7.0	9.7	9.9*	5.5*	87.65*
3856**	9.0-13.0- 7.0	10.2	15.0	7.8	114.12
4264	15.0- 5.0-10.0	15.1	5.8	10.4	104.40
3680**	16.0- 4.0- 8.0	16.3	6.2	8.9	112.29
3945**	16.0- 4.0- 8.0	17.7	4.6	8.3	110.21
2095	20.0-20.0-20.0	19.9	19.8	22.2	101.60
1971**	25.0- 4.0- 4.0	26.6	3.8	5.0	106.13
2164**	25.0- 4.0- 4.0	26.8	4.5	4.4	108.06
3678**	25.0- 4.0- 4.0	25.9	4.8	4.4	106.13
3855**	25.0- 4.0- 4.0	26.0	3.8	5.1	104.35
2162**	28.0- 4.0- 4.0	29.4	4.8	5.4	108.53
2286**	28.0- 4.0- 4.0	28.7	4.2	5.3	104.56
4256**	28.0- 4.0- 4.0	29.5	3.9	4.9	105.44
#TOTALS - NO. SAMPLES 20 - SMPLS MISBRANDED 1 - 107.07					
WAUPACA MATERIALS SIKESTON, MO					
4168	0.5- 0.5- 0.5	0.3*	0.3*	0.2*	56.00*
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 56.00					
WOODSTREAM CORP LITITZ, PA					
2682	10.0- 2.0- 6.0	10.8	1.7*	6.8	106.00
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 106.00					
HUMMERT INTERNATIONAL EARTH CITY, MO					
2289	24.0- 4.0-12.0	22.0	3.8	15.0	97.94
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 97.94					
* 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 35.					
# Totals from July 1, 2002.					

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
AG DISTRIBUTORS, INC		NASHVILLE, TN			
3510	18.0-46.0- 0.0	17.5	45.3	0.0	98.13
3660	18.0-46.0- 0.0	17.8	45.7	0.0	99.22
3935	18.0-46.0- 0.0	17.5	45.5	0.0	98.44
3908	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
4139	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES		7 - SMPLS	MISBRANDED	0 -	99.11

AG DISTRIBUTORS		PORTAGEVILLE, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.37

AG SERVICE CENTER OF SOUTHWEST MO		LOCKWOOD, MO			
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.89

AGRILIANCE, LLC		ST PAUL, MN			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
1819	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
1980	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
1985	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1988	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
2695	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
4174	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1838	0.0- 0.0-62.4	0.0	0.0	62.9	100.80
1788	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
1951	18.0-46.0- 0.0	17.9	46.1	0.0	100.00
1956	18.0-46.0- 0.0	18.0	46.3	0.0	100.47
1957	18.0-46.0- 0.0	17.8	45.7	0.0	99.22
1958	18.0-46.0- 0.0	17.8	45.5	0.0	98.91
2266	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
2644	18.0-46.0- 0.0	17.8	46.8	0.0	100.94
3309	18.0-46.0- 0.0	17.8	45.3	0.0	98.59
2058	33.5- 0.0- 0.0	33.4	0.0	0.0	99.70
2038	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00
2039	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
2746	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
1722	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2582	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES		37 - SMPLS	MISBRANDED	0 -	100.23

AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
1981	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2183	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2499	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
3127	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
3790	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
3791	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
4086	0.0- 0.0-60.0	0.0	0.0	62.3	103.83
2507	0.0- 0.0-61.0	0.0	0.0	60.6	99.34
2508	0.0- 0.0-61.0	0.0	0.0	61.0	100.00
1654	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1655	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
1656	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
1665	0.0- 0.0-62.5	0.0	0.0	62.5	100.00
1828	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
1831	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
1832	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
2005	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
2006	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
2011	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
2012	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
2199	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
2517	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
2519	0.0- 0.0-62.5	0.0	0.0	62.9	100.64
3141	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
3348	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
3351	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
3594	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
3700	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
3878	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
3974	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
4093	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
4097	0.0- 0.0-62.0	0.0	0.0	63.0	101.61
1801	0.0-46.0- 0.0	0.0	47.4	0.0	103.04
2305	0.0-46.0- 0.0	0.0	46.6	0.0	101.30

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
2883	0.0-46.0- 0.0	0.0	46.3	0.0	100.65
2884	0.0-46.0- 0.0	0.0	46.4	0.0	100.87
3113	0.0-46.0- 0.0	0.0	47.1	0.0	102.39
4266	0.0-46.0- 0.0	0.0	46.5	0.0	101.09
1749	11.0-52.0- 0.0	11.3	51.5	0.0	99.68
2113	11.0-52.0- 0.0	11.0	52.3	0.0	100.48
2118	11.0-52.0- 0.0	11.1	52.3	0.0	100.63
2441	11.0-52.0- 0.0	11.3	51.5	0.0	99.68
2837	11.0-52.0- 0.0	11.4	51.8	0.0	100.32
3084	11.0-52.0- 0.0	11.5	52.6	0.0	101.75
3085	11.0-52.0- 0.0	11.0	51.7	0.0	99.52
3086	11.0-52.0- 0.0	11.0	51.8	0.0	99.68
3289	11.0-52.0- 0.0	11.1	51.9	0.0	100.00
3291	11.0-52.0- 0.0	11.2	51.7	0.0	99.84
3655	11.0-52.0- 0.0	11.2	51.6	0.0	99.68
3657	11.0-52.0- 0.0	11.1	52.3	0.0	100.63
4308	11.0-52.0- 0.0	10.9	52.4	0.0	100.48
1623	18.0-46.0- 0.0	17.6	45.6	0.0	98.75
1624	18.0-46.0- 0.0	17.6	45.4	0.0	98.44
1625	18.0-46.0- 0.0	17.6	45.7	0.0	98.91
1626	18.0-46.0- 0.0	17.7	45.6	0.0	98.91
1627	18.0-46.0- 0.0	17.7	45.7	0.0	99.06
1628	18.0-46.0- 0.0	17.5	45.6	0.0	98.59
1774	18.0-46.0- 0.0	17.8	46.4	0.0	100.31
1781	18.0-46.0- 0.0	17.9	47.2	0.0	101.72
1782	18.0-46.0- 0.0	18.0	46.1	0.0	100.16
1940	18.0-46.0- 0.0	18.0	45.4	0.0	99.06
1954	18.0-46.0- 0.0	17.9	45.5	0.0	99.06
2136	18.0-46.0- 0.0	17.7	46.1	0.0	99.69
2457	18.0-46.0- 0.0	18.1	46.4	0.0	100.78
2459	18.0-46.0- 0.0	18.0	45.9	0.0	99.84
2462	18.0-46.0- 0.0	18.0	46.6	0.0	100.94
2467	18.0-46.0- 0.0	17.8	46.2	0.0	100.00
2469	18.0-46.0- 0.0	18.0	45.9	0.0	99.84
2857	18.0-46.0- 0.0	17.8	46.3	0.0	100.16
2858	18.0-46.0- 0.0	17.6	46.0	0.0	99.38
2859	18.0-46.0- 0.0	17.7	46.2	0.0	99.84
3102	18.0-46.0- 0.0	18.1	46.6	0.0	101.09
3103	18.0-46.0- 0.0	17.8	46.6	0.0	100.63
3597	18.0-46.0- 0.0	17.7	46.7	0.0	100.63
3766	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
3767	18.0-46.0- 0.0	17.5	45.6	0.0	98.59
3851	18.0-46.0- 0.0	17.8	45.5	0.0	98.91
3932	18.0-46.0- 0.0	17.7	46.0	0.0	99.53
4054	18.0-46.0- 0.0	17.5	46.2	0.0	99.53
4055	18.0-46.0- 0.0	17.6	45.7	0.0	98.91
4061	18.0-46.0- 0.0	17.7	45.5	0.0	98.75
4390	18.0-46.0- 0.0	17.8	45.7	0.0	99.22
1883**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52
2568**	21.0- 0.0- 0.0	20.8	0.0	0.0	99.05
2224	33.5- 0.0- 0.0	32.8	0.0	0.0	97.91
2567	33.0- 0.0- 0.0	33.1	0.0	0.0	100.30
3227	33.5- 0.0- 0.0	33.3	0.0	0.0	99.40
3229	33.0- 0.0- 0.0	32.9	0.0	0.0	99.70
3423	33.5- 0.0- 0.0	33.1	0.0	0.0	98.81
3813	33.5- 0.0- 0.0	33.4	0.0	0.0	99.70
4125	33.0- 0.0- 0.0	32.9	0.0	0.0	99.70
4126	33.0- 0.0- 0.0	33.3	0.0	0.0	100.91
4187	33.0- 0.0- 0.0	33.1	0.0	0.0	100.30
4337	33.0- 0.0- 0.0	32.7	0.0	0.0	99.09
1675	34.0- 0.0- 0.0	33.3	0.0	0.0	97.94
1860	34.0- 0.0- 0.0	33.4	0.0	0.0	98.24
1876	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65
2044	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65
2217	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
2552	34.0- 0.0- 0.0	30.7*	0.0	0.0	90.29*
3414	34.0- 0.0- 0.0	33.0	0.0	0.0	97.06
3579	34.0- 0.0- 0.0	33.4	0.0	0.0	98.24
1587	46.0- 0.0- 0.0	45.9	0.0	0.0	99.78
1588	46.0- 0.0- 0.0	46.0	0.0	0.0	100.00
1589	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1590	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	
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
1591	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1592	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1709	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1714	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1898	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
1901	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1902	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
1905	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
2079	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2390	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2395	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2396	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2399	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2403	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2405	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2576	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2769	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2772	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2773	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2774	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3030	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3242	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3243	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
3466	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
3607	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3622	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
3732	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3903	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
4007	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
4009	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES 240 - SMPLS MISBRANDED 1 -					100.18

AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
2901	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
2908	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
2909	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
2910	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
2912	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
2988**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95
2985	33.5- 0.0- 0.0	33.8	0.0	0.0	100.90
2986	33.5- 0.0- 0.0	33.3	0.0	0.0	99.40
2968	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
#TOTALS - NO. SAMPLES 9 - SMPLS MISBRANDED 0 -					100.96

AGRIUM U.S. INC.		BEATRICE, NE			
1647	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
3335	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
4085	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
1676	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
1679	34.0- 0.0- 0.0	35.1	0.0	0.0	103.24
1680	34.0- 0.0- 0.0	35.0	0.0	0.0	102.94
1681	34.0- 0.0- 0.0	34.9	0.0	0.0	102.65
1859	34.0- 0.0- 0.0	35.0	0.0	0.0	102.94
1874	34.0- 0.0- 0.0	34.9	0.0	0.0	102.65
2034	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
2035	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
2036	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
2037	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
2040	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
2216	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
2336	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
2341	34.0- 0.0- 0.0	34.9	0.0	0.0	102.65
2343	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
2747	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
3415	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
3808	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
#TOTALS - NO. SAMPLES 34 - SMPLS MISBRANDED 0 -					101.83

AGRO DISTRIBUTION, LLC		BLYTHEVILLE, AR			
4135	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 -					100.87

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
AGRO DISTRIBUTION, LLC		BLOOMINGTON, IL			
3518	18.0-46.0- 0.0	17.4	46.1	0.0	99.22
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 -					99.22
AMERICAN PLANT FOOD CORPORATION		GALENA PARK, TX			
2064**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 -					99.52
BARTLETT GRAIN COMPANY, L.P.		KANSAS CITY, MO			
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 -					100.00
BEN-TREI FERTILIZER CO, LLC		TULSA, OK			
2262	18.0-46.0- 0.0	17.9	44.9	0.0	98.13
2263	18.0-46.0- 0.0	18.2	45.6	0.0	99.69
2264	18.0-46.0- 0.0	18.0	45.5	0.0	99.22
3110	18.0-46.0- 0.0	17.6	46.9	0.0	100.78
#TOTALS - NO. SAMPLES 16 - SMPLS MISBRANDED 0 -					99.74
CALCIUM PRODUCTS, INC		GILMORE CITY, IA			
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 -					100.00
CANTON MILLS, INC		MINNESOTA CITY, MN			
4073**	0.0- 3.0- 0.0	0.0	15.0	0.0	500.00
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 -					500.00
CARGILL INC. - FERTILIZER DIV		RIVERVIEW, FL			
4078**	0.0- 0.0-50.0	0.0	0.0	51.2	102.40
3324	0.0-46.0- 0.0	0.0	47.3	0.0	102.83
3303	18.0-46.0- 0.0	17.8	46.6	0.0	100.63
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 -					101.70
CENTRAL MISSOURI AGRISERVICE LLC		MARSHALL, MO			
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 -					92.65
CF INDUSTRIES, INC		LONG GROVE, IL			
1950	18.0-46.0- 0.0	17.8	45.3	0.0	98.59
1961	18.0-46.0- 0.0	17.7	45.6	0.0	98.91
1962	18.0-46.0- 0.0	17.7	46.0	0.0	99.53
1908	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1909	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 0 -					99.78
DEBRUCE FERTILIZER, INC		KANSAS CITY, MO			
1644	0.0- 0.0-60.0	0.0	0.0	62.5	104.17
1809	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
1816	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
1982	0.0- 0.0-60.0	0.0	0.0	59.7	99.50
1983	0.0- 0.0-60.0	0.0	0.0	59.7	99.50
1991	0.0- 0.0-60.0	0.0	0.0	59.7	99.50
1992	0.0- 0.0-60.0	0.0	0.0	59.5	99.17
2181	0.0- 0.0-60.0	0.0	0.0	59.5	99.17
3697	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
3871	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
3872	0.0- 0.0-60.0	0.0	0.0	59.5	99.17
3873	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
2515	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
3349	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
1748	11.0-52.0- 0.0	11.1	51.7	0.0	99.68
1773	18.0-46.0- 0.0	17.8	46.4	0.0	100.31
1783	18.0-46.0- 0.0	17.8	45.8	0.0	99.38
1944	18.0-46.0- 0.0	17.9	45.3	0.0	98.75
1945	18.0-46.0- 0.0	17.6	45.2	0.0	98.13
1959	18.0-46.0- 0.0	17.8	45.3	0.0	98.59
1960	18.0-46.0- 0.0	17.8	45.7	0.0	99.22
2122	18.0-46.0- 0.0	17.9	45.5	0.0	99.06
2251	18.0-46.0- 0.0	17.5	45.4	0.0	98.28
2254	18.0-46.0- 0.0	17.6	45.5	0.0	98.59
2850	18.0-46.0- 0.0	18.1	46.8	0.0	101.41
3295	18.0-46.0- 0.0	16.4	46.7	0.0	98.59
3668	18.0-46.0- 0.0	17.6	44.6	0.0	97.19
3846	18.0-46.0- 0.0	17.9	45.8	0.0	99.53
3847	18.0-46.0- 0.0	18.0	46.0	0.0	100.00
4160	18.0-46.0- 0.0	17.9	45.8	0.0	99.53

BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
DEBRUCE FERTILIZER, INC		KANSAS CITY, MO			
4161	18.0-46.0- 0.0	17.9	45.8	0.0	99.53
4162	18.0-46.0- 0.0	17.6	45.6	0.0	98.75
2065**	20.5- 0.0- 0.0	21.1	0.0	0.0	102.93
1689	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
2022	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
2966	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
3215	34.0- 0.0- 0.0	33.6	0.0	0.0	98.82
3406	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
3407	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
3885	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
3888	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
1581	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1907	46.0- 0.0- 0.0	46.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES		79 - SMPLS	MISBRANDED 1 -		99.66
DELTA SUPPLY INC		DELTA, MO			
3711	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		100.88
DISSEN FARM SUPPLY		NEW HAVEN, MO			
4194	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		101.09
EL DORADO CHEMICAL		EL DORADO, AR			
4268	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1777	18.0-46.0- 0.0	18.0	47.1	0.0	101.72
1778	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
1865	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00
1866	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00
1869	34.0- 0.0- 0.0	33.8	0.0	0.0	99.41
2745	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
2972	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
3411	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
3809	34.0- 0.0- 0.0	33.9	0.0	0.0	99.71
4112	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
4279	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
1710	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES		23 - SMPLS	MISBRANDED 0 -		100.77
EL DORADO CHEMICAL COMPANY		KANSAS CITY, MO			
2214	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		101.76
EL DORADO CHEMICAL COMPANY		LAMAR, MO			
2549	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0 -		101.17
FARMERS ELEVATOR AND SUPPLY CO.		CLINTON, MO			
1840	17.5-17.5-17.5	17.9	17.3	16.8	99.66
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		99.66
FARMERS PLANT FOOD, INC		GARRETSON, SD			
3596	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		101.45
FRIT INDUSTRIES		OZARK, AL			
3985**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		100.00
GLASGOW MFA		GLASGOW, MO			
2463	18.0-46.0- 0.0	17.8	45.6	0.0	99.06
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		99.06
GRANITE CITY TERMINAL LLC		GRANITE CITY, IL			
1648	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
1976	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
2317	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
2318	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
2893	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
3118	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
3968	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2509	0.0- 0.0-62.0	0.0	0.0	62.7	101.13

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
GRANITE CITY TERMINAL LLC		GRANITE CITY, IL			
2304	0.0-46.0- 0.0	0.0	45.3	0.0	98.48
2456	18.0-46.0- 0.0	17.6	45.7	0.0	98.91
3088	18.0-46.0- 0.0	17.3	46.2	0.0	99.22
3514	18.0-46.0- 0.0	17.4	45.5	0.0	98.28
3940	18.0-46.0- 0.0	17.8	45.9	0.0	99.53
4252	18.0-46.0- 0.0	17.7	45.5	0.2	98.91
2347	33.5- 0.0- 0.0	33.2	0.0	0.0	99.10
1598	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES		25 - SMPLS	MISBRANDED 0 -		100.02
HANNIBAL BOARD OF PUBLIC WORKS		HANNIBAL, MO			
1798	0.5- 0.5- 0.0	0.9	1.2	0.0	210.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		210.00
HEARTLAND DAIRY/SHARPE LAND & CATTLE		LA BELLE, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		341.17
HELM FERTILIZER CORPORATION		TAMPA, FL			
2687	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
3539	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
4247	18.0-46.0- 0.0	18.4	46.3	0.0	101.09
3581	33.5- 0.0- 0.0	33.3	0.0	0.0	99.40
4281	33.5- 0.0- 0.0	33.5	0.0	0.0	100.00
#TOTALS - NO. SAMPLES		7 - SMPLS	MISBRANDED 0 -		100.47
HYDRO MERSCHMANN LLC (MONTROSE)		WEST POINT, IA			
2495	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
1759	11.0-52.0- 0.0	11.2	52.3	0.0	100.79
3759	11.0-52.0- 0.0	11.3	52.0	0.0	100.48
1853	33.5- 0.0- 0.0	33.1	0.0	0.0	98.81
1855	33.5- 0.0- 0.0	33.2	0.0	0.0	99.10
2559	33.5- 0.0- 0.0	33.2	0.0	0.0	99.10
2733	33.5- 0.0- 0.0	33.1	0.0	0.0	98.81
3814	33.5- 0.0- 0.0	33.0	0.0	0.0	98.51
#TOTALS - NO. SAMPLES		30 - SMPLS	MISBRANDED 0 -		99.95
IMC PHOSPHATES		MULBERRY, FL			
4324	0.0-46.0- 0.0	0.0	46.7	0.0	101.52
4163	18.0-46.0- 0.0	17.8	45.9	0.0	99.53
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0 -		100.36
IMC PHOSPHATES CO		LAKE FOREST, IL			
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0 -		99.06
IMC POTASH CALRSBAD INC		CARLSBAD, NM			
1993	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
1994	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2310	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
3540	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
3964	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
#TOTALS - NO. SAMPLES		9 - SMPLS	MISBRANDED 0 -		101.33
IMC USA INC		LAKE FOREST, IL			
1987	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
2694	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
3486	5.0-20.0-20.0	5.5	20.1	20.4	102.29
1607	11.0-52.0- 0.0	10.8	52.2	0.0	100.00
1754	11.0-52.0- 0.0	11.4	52.1	0.0	100.79
1930	11.0-52.0- 0.0	11.3	52.6	0.0	101.43
2115	11.0-52.0- 0.0	11.3	52.1	0.0	100.63
4039	11.0-52.0- 0.0	11.3	51.5	0.0	99.68
4307	11.0-52.0- 0.0	11.1	52.3	0.0	100.63
1948	18.0-46.0- 0.0	17.9	46.1	0.0	100.00
1949	18.0-46.0- 0.0	17.9	45.8	0.0	99.53
2128	18.0-46.0- 0.0	17.8	46.1	0.0	99.84
2255	18.0-46.0- 0.0	17.8	46.1	0.0	99.84
2257	18.0-46.0- 0.0	18.2	45.7	0.0	99.84
2638	18.0-46.0- 0.0	17.8	46.0	0.0	99.69
2642	18.0-46.0- 0.0	17.8	46.9	0.0	101.09
4311	18.0-46.0- 0.0	17.4	46.2	0.0	99.38
4312	18.0-46.0- 0.0	17.3	46.0	0.0	98.91
#TOTALS - NO. SAMPLES		33 - SMPLS	MISBRANDED 0 -		100.23



## BULK DRY FERTILIZER

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

IMC USA INC REGINA, SASKATCHEWAN, CANADA  
 3083 11.0-52.0- 0.0 11.0 52.8 0.0 101.27  
 #TOTALS - NO. SAMPLES 17 - SMPLS MISBRANDED 0 - 100.50

INTER-CHEM TULSA, OK  
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.15

JEFFERSONVILLE RIVER TERMINAL JEFFERSONVILLE, IN  
 1645 0.0- 0.0-60.0 0.0 0.0 59.9 99.83  
 2180 0.0- 0.0-60.0 0.0 0.0 60.9 101.50  
 2308 0.0- 0.0-60.0 0.0 0.0 59.9 99.83  
 2690 0.0- 0.0-60.0 0.0 0.0 61.1 101.83  
 4176 0.0- 0.0-60.0 0.0 0.0 60.9 101.50  
 3701 0.0- 0.0-62.0 0.0 0.0 62.7 101.13  
 1615 18.0-46.0- 0.0 18.0 45.8 0.0 99.69  
 1616 18.0-46.0- 0.0 17.9 46.5 0.0 100.63  
 1761 18.0-46.0- 0.0 18.1 46.3 0.0 100.63  
 2120 18.0-46.0- 0.0 17.7 46.0 0.0 99.53  
 2471 18.0-46.0- 0.0 18.1 46.1 0.0 100.31  
 2635 18.0-46.0- 0.0 18.2 45.5 0.0 99.53  
 2856 18.0-46.0- 0.0 17.5 45.8 0.0 98.91  
 3294 18.0-46.0- 0.0 17.5 45.6 0.0 98.59  
 4044 18.0-46.0- 0.0 18.0 45.8 0.0 99.69  
 4060 18.0-46.0- 0.0 18.2 46.0 0.0 100.31  
 1672 33.5- 0.0- 0.0 33.0 0.0 0.0 98.51  
 1846 33.5- 0.0- 0.0 34.2 0.0 0.0 102.09  
 1847 33.5- 0.0- 0.0 34.3 0.0 0.0 102.39  
 1848 33.5- 0.0- 0.0 34.2 0.0 0.0 102.09  
 1850 33.5- 0.0- 0.0 33.2 0.0 0.0 99.10  
 2053 33.5- 0.0- 0.0 33.2 0.0 0.0 99.10  
 2054 33.5- 0.0- 0.0 34.0 0.0 0.0 101.49  
 2055 33.5- 0.0- 0.0 33.9 0.0 0.0 101.19  
 2057 33.5- 0.0- 0.0 33.2 0.0 0.0 99.10  
 2218 33.5- 0.0- 0.0 34.2 0.0 0.0 102.09  
 2219 33.5- 0.0- 0.0 32.8 0.0 0.0 97.91  
 2348 33.5- 0.0- 0.0 33.2 0.0 0.0 99.10  
 2349 33.5- 0.0- 0.0 33.3 0.0 0.0 99.40  
 2350 33.5- 0.0- 0.0 33.3 0.0 0.0 99.40  
 2351 33.5- 0.0- 0.0 33.3 0.0 0.0 99.40  
 2352 33.5- 0.0- 0.0 33.4 0.0 0.0 99.70  
 2353 33.5- 0.0- 0.0 33.1 0.0 0.0 98.81  
 2355 33.5- 0.0- 0.0 33.3 0.0 0.0 99.40  
 2563 33.5- 0.0- 0.0 33.0 0.0 0.0 98.51  
 2564 33.5- 0.0- 0.0 33.1 0.0 0.0 98.81  
 2565 33.5- 0.0- 0.0 33.2 0.0 0.0 99.10  
 2566 33.5- 0.0- 0.0 33.2 0.0 0.0 99.10  
 2738 33.5- 0.0- 0.0 33.1 0.0 0.0 98.81  
 2739 33.5- 0.0- 0.0 33.2 0.0 0.0 99.10  
 2740 33.5- 0.0- 0.0 33.2 0.0 0.0 99.10  
 2741 33.5- 0.0- 0.0 33.2 0.0 0.0 99.10  
 2983 33.5- 0.0- 0.0 33.6 0.0 0.0 100.30  
 3416 33.5- 0.0- 0.0 32.6 0.0 0.0 97.31  
 4180 33.5- 0.0- 0.0 33.3 0.0 0.0 99.40  
 4181 33.5- 0.0- 0.0 33.3 0.0 0.0 99.40  
 4182 33.5- 0.0- 0.0 33.6 0.0 0.0 100.30  
 4183 33.5- 0.0- 0.0 34.0 0.0 0.0 101.49  
 4184 33.5- 0.0- 0.0 34.3 0.0 0.0 102.39  
 4185 33.5- 0.0- 0.0 34.2 0.0 0.0 102.09  
 4186 33.5- 0.0- 0.0 34.1 0.0 0.0 101.79  
 1690 34.0- 0.0- 0.0 34.0 0.0 0.0 100.00  
 1863 34.0- 0.0- 0.0 34.2 0.0 0.0 100.59  
 2021 34.0- 0.0- 0.0 34.4 0.0 0.0 101.18  
 2342 34.0- 0.0- 0.0 33.2 0.0 0.0 97.65  
 2344 34.0- 0.0- 0.0 33.3 0.0 0.0 97.94  
 2550 34.0- 0.0- 0.0 33.4 0.0 0.0 98.24  
 3216 34.0- 0.0- 0.0 33.9 0.0 0.0 99.71  
 3708 34.0- 0.0- 0.0 34.1 0.0 0.0 100.29  
 1582 46.0- 0.0- 0.0 46.6 0.0 0.0 101.30  
 #TOTALS - NO. SAMPLES 71 - SMPLS MISBRANDED 0 - 99.95

LANGE-STEGMANN COMPANY ST LOUIS, MO  
 1807 0.0- 0.0-60.0 0.0 0.0 60.3 100.50  
 2184 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	

LANGE-STEGMANN COMPANY ST LOUIS, MO  
 2185 0.0- 0.0-60.0 0.0 0.0 60.5 100.83  
 2191 0.0- 0.0-60.0 0.0 0.0 60.9 101.50  
 2493 0.0- 0.0-60.0 0.0 0.0 60.4 100.67  
 2896 0.0- 0.0-60.0 0.0 0.0 60.3 100.50  
 2899 0.0- 0.0-60.0 0.0 0.0 60.8 101.33  
 3119 0.0- 0.0-60.0 0.0 0.0 61.4 102.33  
 3120 0.0- 0.0-60.0 0.0 0.0 61.1 101.83  
 3121 0.0- 0.0-60.0 0.0 0.0 61.4 102.33  
 3782 0.0- 0.0-60.0 0.0 0.0 61.3 102.17  
 3962 0.0- 0.0-60.0 0.0 0.0 61.3 102.17  
 3969 0.0- 0.0-60.0 0.0 0.0 61.3 102.17  
 4330 0.0- 0.0-60.0 0.0 0.0 61.8 103.00  
 1662 0.0- 0.0-62.0 0.0 0.0 62.7 101.13  
 1839 0.0- 0.0-62.4 0.0 0.0 61.8 99.04  
 2510 0.0- 0.0-62.0 0.0 0.0 62.5 100.81  
 2511 0.0- 0.0-62.0 0.0 0.0 62.1 100.16  
 2698 0.0- 0.0-62.0 0.0 0.0 62.5 100.81  
 2699 0.0- 0.0-62.0 0.0 0.0 62.6 100.97  
 2904 0.0- 0.0-62.0 0.0 0.0 62.4 100.65  
 3552 0.0- 0.0-62.0 0.0 0.0 62.3 100.48  
 3795 0.0- 0.0-62.0 0.0 0.0 62.9 101.45  
 3798 0.0- 0.0-62.0 0.0 0.0 61.9 99.84  
 4416 0.0- 0.0-62.0 0.0 0.0 62.1 100.16  
 3778 0.0-46.0- 0.0 0.0 44.8 0.0 97.39  
 4400 0.0-46.0- 0.0 0.0 45.7 0.0 99.35  
 4402 0.0-46.0- 0.0 0.0 46.1 0.0 100.22  
 4378 9.0-23.0-30.0 7.9\* 20.6\* 34.5 97.34  
 1756 11.0-52.0- 0.0 11.4 51.6 0.0 100.00  
 1758 11.0-52.0- 0.0 11.0 51.9 0.0 99.84  
 2119 11.0-52.0- 0.0 11.1 51.4 0.0 99.21  
 2628 11.0-52.0- 0.0 11.0 51.7 0.0 99.52  
 4037 11.0-52.0- 0.0 10.9 51.3 0.0 98.73  
 1614 18.0-46.0- 0.0 17.9 46.4 0.0 100.47  
 1791 18.0-46.0- 0.0 17.8 46.3 0.0 100.16  
 1792 18.0-46.0- 0.0 17.8 46.6 0.0 100.63  
 2123 18.0-46.0- 0.0 17.8 45.4 0.0 98.75  
 2140 18.0-46.0- 0.0 17.9 45.9 0.0 99.69  
 2268 18.0-46.0- 0.0 17.8 45.6 0.0 99.06  
 2455 18.0-46.0- 0.0 17.5 46.0 0.0 99.22  
 2843 18.0-46.0- 0.0 17.5 44.8 0.0 97.34  
 2855 18.0-46.0- 0.0 17.7 46.2 0.0 99.84  
 3089 18.0-46.0- 0.0 17.9 46.7 0.0 100.94  
 3091 18.0-46.0- 0.0 17.5 46.2 0.0 99.53  
 3094 18.0-46.0- 0.0 17.9 46.5 0.0 100.63  
 3941 18.0-46.0- 0.0 17.5 45.6 0.0 98.59  
 4047 18.0-46.0- 0.0 17.8 46.3 0.0 100.16  
 4048 18.0-46.0- 0.0 17.8 46.6 0.0 100.63  
 4241 18.0-46.0- 0.0 17.8 46.8 0.0 100.94  
 1671 33.5- 0.0- 0.0 33.0 0.0 0.0 98.51  
 2051 33.5- 0.0- 0.0 32.9 0.0 0.0 98.21  
 2223 33.5- 0.0- 0.0 33.0 0.0 0.0 98.51  
 2225 33.5- 0.0- 0.0 33.2 0.0 0.0 99.10  
 2736 33.5- 0.0- 0.0 33.2 0.0 0.0 99.10  
 2978 33.5- 0.0- 0.0 33.8 0.0 0.0 100.90  
 2979 33.5- 0.0- 0.0 33.8 0.0 0.0 100.90  
 2984 33.5- 0.0- 0.0 33.7 0.0 0.0 100.60  
 3224 33.5- 0.0- 0.0 33.1 0.0 0.0 98.81  
 3225 33.5- 0.0- 0.0 33.4 0.0 0.0 99.70  
 3421 33.5- 0.0- 0.0 34.0 0.0 0.0 101.49  
 3811 33.5- 0.0- 0.0 33.3 0.0 0.0 99.40  
 3981 33.5- 0.0- 0.0 32.8 0.0 0.0 97.91  
 4123 33.5- 0.0- 0.0 33.2 0.0 0.0 99.10  
 1857 34.0- 0.0- 0.0 34.1 0.0 0.0 100.29  
 2208 34.0- 0.0- 0.0 34.1 0.0 0.0 100.29  
 2965 34.0- 0.0- 0.0 33.7 0.0 0.0 99.12  
 3218 34.0- 0.0- 0.0 33.0 0.0 0.0 97.06  
 1578 46.0- 0.0- 0.0 46.5 0.0 0.0 101.09  
 1724 46.0- 0.0- 0.0 46.4 0.0 0.0 100.87  
 1893 46.0- 0.0- 0.0 46.4 0.0 0.0 100.87  
 2081 46.0- 0.0- 0.0 46.4 0.0 0.0 100.87  
 2083 46.0- 0.0- 0.0 46.5 0.0 0.0 101.09  
 2235 46.0- 0.0- 0.0 46.5 0.0 0.0 101.09

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value	MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash		No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
LANGE-STEGMANN COMPANY					ST LOUIS, MO						
2236	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	1811	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2237	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	1812	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
2388	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	1813	0.0- 0.0-60.0	0.0	0.0	59.8	99.67
2389	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65	1814	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
3019	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	1815	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
3023	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	1817	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
3024	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	1989	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
3469	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	1990	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
3733	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	2182	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
3900	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	2186	0.0- 0.0-60.0	0.0	0.0	62.8	104.67
4005	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	2190	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
#TOTALS - NO. SAMPLES		146	SMPLS	MISBRANDED	1 - 100.13	2309	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
LEE FERTILIZER INC					CAMP POINT, IL						
1979	0.0- 0.0-60.0	0.0	0.0	60.6	101.00	2312	0.0- 0.0-60.0	0.0	0.0	59.5	99.17
2319	0.0- 0.0-60.0	0.0	0.0	60.8	101.33	2313	0.0- 0.0-60.0	0.0	0.0	59.3	98.83
1937	18.0-46.0- 0.0	17.8	46.2	0.0	100.00	2314	0.0- 0.0-60.0	0.0	0.0	59.8	99.67
2852	18.0-46.0- 0.0	17.9	45.5	0.0	99.06	2362	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
#TOTALS - NO. SAMPLES		7	SMPLS	MISBRANDED	0 - 100.37	2494	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
M. G. WALDBAUM CO.					WAKEFIELD, NE						
4263	4.0- 3.0- 2.0	5.5	3.6	2.0	126.25	2496	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
#TOTALS - NO. SAMPLES		1	SMPLS	MISBRANDED	0 - 126.25	2498	0.0- 0.0-60.0	0.0	0.0	59.6	99.33
MAGIC GREEN CORPORATION					SILEX, MO						
2492**	0.0- 0.0-24.0	0.0	0.0	28.3	117.92	2500	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
#TOTALS - NO. SAMPLES		1	SMPLS	MISBRANDED	0 - 117.92	2691	0.0- 0.0-60.0	0.0	0.0	61.9	103.17
MARTHASVILLE AG CENTER, INC					MARTHASVILLE, MO						
4244	18.0-46.0- 0.0	17.9	46.8	0.0	101.09	2892	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
#TOTALS - NO. SAMPLES		1	SMPLS	MISBRANDED	0 - 101.09	3129	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
MFA AGRI SERVICES					MT GROVE, MO						
3891	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	3331	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
#TOTALS - NO. SAMPLES		1	SMPLS	MISBRANDED	0 - 100.88	3334	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
MFA AGRI SERVICES					ST MARY, MO						
3251	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43	3336	0.0- 0.0-60.0	0.0	0.0	61.9	103.17
#TOTALS - NO. SAMPLES		1	SMPLS	MISBRANDED	0 - 100.43	3538	0.0- 0.0-60.0	0.0	0.0	59.6	99.33
MFA AGRI SERVICES					HARRISON, AR						
#TOTALS - NO. SAMPLES		1	SMPLS	MISBRANDED	0 - 101.45	3696	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
MFA AGRI SERVICES-EAST					VANDALIA, MO						
2895	0.0- 0.0-60.0	0.0	0.0	60.9	101.50	3783	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
3516	18.0-46.0- 0.0	17.8	46.0	0.0	99.69	4083	0.0- 0.0-60.0	0.0	0.0	61.6	102.67
#TOTALS - NO. SAMPLES		3	SMPLS	MISBRANDED	0 - 99.71	4087	0.0- 0.0-60.0	0.0	0.0	59.4	99.00
MFA LIQUID TERMINAL					CARUTHERSVILLE, MO						
3111	0.0-46.0- 0.0	0.0	46.2	0.0	100.43	4089	0.0- 0.0-60.0	0.0	0.0	61.7	102.83
3258	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	4331	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
#TOTALS - NO. SAMPLES		2	SMPLS	MISBRANDED	0 - 100.76	4343	0.0- 0.0-60.0	0.0	0.0	62.9	104.83
MFA PLANT FOODS					PALMYRA, MO						
3214	34.0- 0.0- 0.0	33.7	0.0	0.0	99.12	4346	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
#TOTALS - NO. SAMPLES		1	SMPLS	MISBRANDED	0 - 99.12	4411	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
MFA PLANT FOODS					COLUMBIA, MO						
2066**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00	1650	0.0- 0.0-61.0	0.0	0.0	60.7	99.51
4076**	0.0- 0.0-21.0	0.0	0.0	22.4	106.67	1821	0.0- 0.0-61.0	0.0	0.0	60.5	99.18
3431**	0.0- 0.0-22.0	0.0	0.0	22.6	102.73	1995	0.0- 0.0-61.0	0.0	0.0	60.8	99.67
3960**	0.0- 0.0-22.0	0.0	0.0	22.7	103.18	1996	0.0- 0.0-61.0	0.0	0.0	60.2	98.69
3961**	0.0- 0.0-22.0	0.0	0.0	21.6	98.18	1997	0.0- 0.0-61.0	0.0	0.0	60.4	99.02
4077**	0.0- 0.0-22.0	0.0	0.0	22.6	102.73	2364	0.0- 0.0-61.0	0.0	0.0	60.4	99.02
3330	0.0- 0.0-50.0	0.0	0.0	51.4	102.80	2505	0.0- 0.0-61.0	0.0	0.0	59.2	97.05
1642	0.0- 0.0-60.0	0.0	0.0	61.9	103.17	2506	0.0- 0.0-61.0	0.0	0.0	60.7	99.51
1646	0.0- 0.0-60.0	0.0	0.0	59.2	98.67	2903	0.0- 0.0-61.0	0.0	0.0	60.7	99.51
1804	0.0- 0.0-60.0	0.0	0.0	60.3	100.50	3345	0.0- 0.0-61.0	0.0	0.0	60.4	99.02
1805	0.0- 0.0-60.0	0.0	0.0	60.3	100.50	3346	0.0- 0.0-61.0	0.0	0.0	61.2	100.33
1806	0.0- 0.0-60.0	0.0	0.0	59.7	99.50	3548	0.0- 0.0-61.0	0.0	0.0	60.3	98.85
1808	0.0- 0.0-60.0	0.0	0.0	60.8	101.33	3792	0.0- 0.0-61.0	0.0	0.0	60.9	99.84
1810	0.0- 0.0-60.0	0.0	0.0	60.0	100.00	3876	0.0- 0.0-61.0	0.0	0.0	61.0	100.00
						3877	0.0- 0.0-61.0	0.0	0.0	61.1	100.16
						3970	0.0- 0.0-61.0	0.0	0.0	61.0	100.00
						3971	0.0- 0.0-61.0	0.0	0.0	61.0	100.00
						3972	0.0- 0.0-61.0	0.0	0.0	62.1	101.80
						3973	0.0- 0.0-61.0	0.0	0.0	62.5	102.46
						4090	0.0- 0.0-61.0	0.0	0.0	60.9	99.84
						1652	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
						1653	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
						1660	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
						1663	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
						1664	0.0- 0.0-62.3	0.0	0.0	62.2	99.84
						1825	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
						1833	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
						1835	0.0- 0.0-62.3	0.0	0.0	62.5	100.32
						1836	0.0- 0.0-62.3	0.0	0.0	62.4	100.16
						1837	0.0- 0.0-62.3	0.0	0.0	62.3	100.00
						2000	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
						2192	0.0- 0.0-62.3	0.0	0.0	62.7	100.64
						2194	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
						2195	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
						2198	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
						2200	0.0- 0.0-62.0	0.0	0.0	62.4	100.65

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA PLANT FOODS					
COLUMBIA, MO					
2201	0.0- 0.0-62.0	0.0	0.0	62.4	100.65
2512	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
2516	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
2518	0.0- 0.0-62.3	0.0	0.0	62.6	100.48
2702	0.0- 0.0-62.2	0.0	0.0	62.7	100.80
2703	0.0- 0.0-62.3	0.0	0.0	62.4	100.16
2911	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
3132	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
3133	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
3134	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
3135	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
3136	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
3137	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
3347	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
3350	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
3352	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
3551	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
3595	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
3793	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
3797	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
3879	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
3880	0.0- 0.0-62.3	0.0	0.0	62.7	100.64
3881	0.0- 0.0-62.3	0.0	0.0	62.7	100.64
4092	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
4094	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
4272	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
4273	0.0- 0.0-62.0	0.0	0.0	63.1	101.77
4274	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
4276	0.0- 0.0-62.0	0.0	0.0	62.9	101.45
4334	0.0- 0.0-62.0	0.0	0.0	62.8	101.29
4415	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
4420	0.0- 0.0-62.3	0.0	0.0	62.1	99.68
4421	0.0- 0.0-62.3	0.0	0.0	62.4	100.16
1666	0.0- 0.0-63.0	0.0	0.0	62.4	99.05
2520	0.0- 0.0-63.0	0.0	0.0	62.7	99.52
3882	0.0- 0.0-63.0	0.0	0.0	62.2	98.73
2886	0.0-44.0- 0.0	0.0	46.0	0.0	104.55
1639	0.0-46.0- 0.0	0.0	46.2	0.0	100.43
1640	0.0-46.0- 0.0	0.0	46.3	0.0	100.65
1641	0.0-46.0- 0.0	0.0	46.0	0.0	100.00
1800	0.0-46.0- 0.0	0.0	46.9	0.0	101.96
1802	0.0-46.0- 0.0	0.0	47.4	0.0	103.04
2176	0.0-46.0- 0.0	0.0	46.5	0.0	101.09
2177	0.0-46.0- 0.0	0.0	46.3	0.0	100.65
2178	0.0-46.0- 0.0	0.0	46.9	0.0	101.96
2303	0.0-46.0- 0.0	0.0	46.9	0.0	101.96
2685	0.0-46.0- 0.0	0.0	44.7	0.0	97.17
2882	0.0-46.0- 0.0	0.0	46.4	0.0	100.87
2885	0.0-46.0- 0.0	0.0	46.6	0.0	101.30
3114	0.0-46.0- 0.0	0.0	46.9	0.0	101.96
3322	0.0-46.0- 0.0	0.0	47.2	0.0	102.61
3323	0.0-46.0- 0.0	0.0	46.7	0.0	101.52
3777	0.0-46.0- 0.0	0.0	45.9	0.0	99.78
3863	0.0-46.0- 0.0	0.0	46.4	0.0	100.87
3953	0.0-46.0- 0.0	0.0	45.8	0.0	99.57
3954	0.0-46.0- 0.0	0.0	45.7	0.0	99.35
4070	0.0-46.0- 0.0	0.0	47.4	0.0	103.04
4071	0.0-46.0- 0.0	0.0	46.5	0.0	101.09
4265	0.0-46.0- 0.0	0.0	45.1	0.0	98.04
4401	0.0-46.0- 0.0	0.0	44.9	0.0	97.61
1608	11.0-52.0- 0.0	11.2	52.5	0.0	101.11
1609	11.0-52.0- 0.0	11.3	52.3	0.0	100.95
1610	11.0-52.0- 0.0	11.0	52.8	0.0	101.27
1744	11.0-52.0- 0.0	11.3	51.5	0.0	99.68
1745	11.0-52.0- 0.0	11.3	51.9	0.0	100.32
1746	11.0-52.0- 0.0	11.6	51.9	0.0	100.79
1750	11.0-52.0- 0.0	11.6	51.9	0.0	100.79
1753	11.0-52.0- 0.0	11.2	51.7	0.0	99.84
1755	11.0-52.0- 0.0	11.3	51.9	0.0	100.32
1757	11.0-52.0- 0.0	11.3	51.9	0.0	100.32
1760	11.0-52.0- 0.0	11.4	52.4	0.0	101.27
1925	11.0-52.0- 0.0	11.1	52.4	0.0	100.79

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA PLANT FOODS					
COLUMBIA, MO					
1926	11.0-52.0- 0.0	11.5	51.8	0.0	100.48
1931	11.0-52.0- 0.0	11.4	51.6	0.0	100.00
1933	11.0-52.0- 0.0	11.5	51.2	0.0	99.52
2117	11.0-52.0- 0.0	11.6	52.1	0.0	101.11
2442	11.0-52.0- 0.0	11.1	50.9	0.0	98.41
2443	11.0-52.0- 0.0	11.4	50.9	0.0	98.89
2444	11.0-52.0- 0.0	11.3	51.6	0.0	99.84
2446	11.0-52.0- 0.0	11.3	50.9	0.0	98.73
2447	11.0-52.0- 0.0	11.3	51.8	0.0	100.16
2449	11.0-52.0- 0.0	11.4	52.1	0.0	100.79
2450	11.0-52.0- 0.0	11.4	51.5	0.0	99.84
2626	11.0-52.0- 0.0	11.0	51.5	0.0	99.21
3082	11.0-52.0- 0.0	11.2	51.7	0.0	99.84
3105	11.0-52.0- 0.0	11.4	52.0	0.0	100.63
3288	11.0-52.0- 0.0	11.3	50.6	0.0	98.25
3290	11.0-52.0- 0.0	11.1	51.3	0.0	99.05
3292	11.0-52.0- 0.0	10.9	51.8	0.0	99.52
3598	11.0-52.0- 0.0	11.3	52.7	0.0	101.59
4040	11.0-52.0- 0.0	11.1	52.0	0.0	100.16
4155	11.0-52.0- 0.0	11.1	52.8	0.0	101.43
4238	11.0-52.0- 0.0	11.2	52.6	0.0	101.27
4239	11.0-52.0- 0.0	11.2	52.2	0.0	100.63
4310	11.0-52.0- 0.0	10.9	52.7	0.0	100.95
4380	11.0-52.0- 0.0	11.3	52.3	0.0	100.95
4381	11.0-52.0- 0.0	11.4	52.5	0.0	101.43
1617	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
1619	18.0-46.0- 0.0	17.8	46.9	0.0	101.09
1630	18.0-46.0- 0.0	18.1	45.7	0.0	99.69
1631	18.0-46.0- 0.0	17.7	45.5	0.0	98.75
1762	18.0-46.0- 0.0	17.1	45.1	0.0	97.19
1763	18.0-46.0- 0.0	17.8	46.2	0.0	100.00
1765	18.0-46.0- 0.0	17.7	46.3	0.0	100.00
1766	18.0-46.0- 0.0	17.8	46.0	0.0	99.69
1769	18.0-46.0- 0.0	17.7	46.6	0.0	100.47
1770	18.0-46.0- 0.0	18.0	46.1	0.0	100.16
1772	18.0-46.0- 0.0	17.9	45.8	0.0	99.53
1775	18.0-46.0- 0.0	17.9	45.9	0.0	99.69
1776	18.0-46.0- 0.0	18.0	46.4	0.0	100.63
1779	18.0-46.0- 0.0	18.0	46.2	0.0	100.31
1784	18.0-46.0- 0.0	18.0	46.0	0.0	100.00
1785	18.0-46.0- 0.0	18.2	46.3	0.0	100.78
1787	18.0-46.0- 0.0	17.6	46.0	0.0	99.38
1789	18.0-46.0- 0.0	17.8	46.6	0.0	100.63
1790	18.0-46.0- 0.0	17.9	45.7	0.0	99.38
1793	18.0-46.0- 0.0	17.8	46.3	0.0	100.16
1936	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
1941	18.0-46.0- 0.0	18.0	45.0	0.0	98.44
1942	18.0-46.0- 0.0	17.6	45.2	0.0	98.13
1943	18.0-46.0- 0.0	18.0	45.5	0.0	99.22
2121	18.0-46.0- 0.0	18.1	46.1	0.0	100.31
2124	18.0-46.0- 0.0	18.0	45.3	0.0	98.91
2125	18.0-46.0- 0.0	17.8	46.2	0.0	100.00
2126	18.0-46.0- 0.0	17.9	46.4	0.0	100.47
2131	18.0-46.0- 0.0	17.5	45.9	0.0	99.06
2133	18.0-46.0- 0.0	17.7	46.3	0.0	100.00
2137	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
2141	18.0-46.0- 0.0	17.6	45.9	0.0	99.22
2142	18.0-46.0- 0.0	17.5	46.1	0.0	99.38
2143	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
2253	18.0-46.0- 0.0	17.8	45.6	0.0	99.06
2256	18.0-46.0- 0.0	17.6	46.3	0.0	99.84
2258	18.0-46.0- 0.0	17.8	45.9	0.0	99.53
2260	18.0-46.0- 0.0	18.1	45.9	0.0	100.00
2261	18.0-46.0- 0.0	18.0	45.4	0.0	99.06
2265	18.0-46.0- 0.0	17.8	45.7	0.0	99.22
2269	18.0-46.0- 0.0	18.0	45.8	0.0	99.69
2270	18.0-46.0- 0.0	17.8	45.9	0.0	99.53
2365	18.0-46.0- 0.0	17.1	46.7	0.0	99.69
2366	18.0-46.0- 0.0	17.8	45.0	0.0	98.13
2451	18.0-46.0- 0.0	18.0	45.3	0.0	98.91
2452	18.0-46.0- 0.0	17.9	45.2	0.0	98.59
2453	18.0-46.0- 0.0	17.8	45.7	0.0	99.22

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value	MANUFACTURER		% FOUND			% Relative Value								
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash		No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash									
MFA PLANT FOODS					COLUMBIA, MO					MFA PLANT FOODS					COLUMBIA, MO				
2460	18.0-46.0- 0.0	17.7	45.5	0.0	98.75	2980	33.5- 0.0- 0.0	33.4	0.0	0.0	99.70	2980	33.5- 0.0- 0.0	33.4	0.0	0.0	99.70		
2461	18.0-46.0- 0.0	17.8	46.0	0.0	99.69	2987	33.0- 0.0- 0.0	32.8	0.0	0.0	99.39	2987	33.0- 0.0- 0.0	32.8	0.0	0.0	99.39		
2464	18.0-46.0- 0.0	17.6	45.8	0.0	99.06	3222	33.5- 0.0- 0.0	33.0	0.0	0.0	98.51	3222	33.5- 0.0- 0.0	33.0	0.0	0.0	98.51		
2466	18.0-46.0- 0.0	17.2	44.5	0.0	96.41*	3226	33.5- 0.0- 0.0	32.9	0.0	0.0	98.21	3226	33.5- 0.0- 0.0	32.9	0.0	0.0	98.21		
2468	18.0-46.0- 0.0	18.1	45.2	0.0	98.91	3417	33.5- 0.0- 0.0	33.6	0.0	0.0	100.30	3417	33.5- 0.0- 0.0	33.6	0.0	0.0	100.30		
2639	18.0-46.0- 0.0	17.6	46.8	0.0	100.63	3418	33.5- 0.0- 0.0	33.6	0.0	0.0	100.30	3418	33.5- 0.0- 0.0	33.6	0.0	0.0	100.30		
2640	18.0-46.0- 0.0	17.8	46.8	0.0	100.94	3419	33.5- 0.0- 0.0	33.0	0.0	0.0	98.51	3419	33.5- 0.0- 0.0	33.0	0.0	0.0	98.51		
2841	18.0-46.0- 0.0	17.9	46.6	0.0	100.78	3424	33.5- 0.0- 0.0	33.1	0.0	0.0	98.81	3424	33.5- 0.0- 0.0	33.1	0.0	0.0	98.81		
2849	18.0-46.0- 0.0	17.8	46.1	0.0	99.84	3979	33.5- 0.0- 0.0	32.8	0.0	0.0	97.91	3979	33.5- 0.0- 0.0	32.8	0.0	0.0	97.91		
2851	18.0-46.0- 0.0	17.6	45.9	0.0	99.22	3980	33.5- 0.0- 0.0	32.7	0.0	0.0	97.61	3980	33.5- 0.0- 0.0	32.7	0.0	0.0	97.61		
2861	18.0-46.0- 0.0	18.0	46.7	0.0	101.09	4121	33.5- 0.0- 0.0	33.4	0.0	0.0	99.70	4121	33.5- 0.0- 0.0	33.4	0.0	0.0	99.70		
3087	18.0-46.0- 0.0	17.7	46.0	0.0	99.53	4283	33.5- 0.0- 0.0	33.6	0.0	0.0	100.30	4283	33.5- 0.0- 0.0	33.6	0.0	0.0	100.30		
3090	18.0-46.0- 0.0	17.8	46.5	0.0	100.47	4284	33.5- 0.0- 0.0	33.2	0.0	0.0	99.10	4284	33.5- 0.0- 0.0	33.2	0.0	0.0	99.10		
3092	18.0-46.0- 0.0	17.5	46.2	0.0	99.53	4426	33.5- 0.0- 0.0	33.5	0.0	0.0	100.00	4426	33.5- 0.0- 0.0	33.5	0.0	0.0	100.00		
3095	18.0-46.0- 0.0	17.7	45.8	0.0	99.22	1677	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	1677	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29		
3096	18.0-46.0- 0.0	17.7	46.5	0.0	100.31	1678	34.0- 0.0- 0.0	33.8	0.0	0.0	99.41	1678	34.0- 0.0- 0.0	33.8	0.0	0.0	99.41		
3104	18.0-46.0- 0.0	17.8	46.4	0.0	100.31	1684	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59	1684	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59		
3106	18.0-46.0- 0.0	18.1	46.6	0.0	101.09	1685	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	1685	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29		
3296	18.0-46.0- 0.0	17.4	45.7	0.0	98.59	1686	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	1686	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29		
3297	18.0-46.0- 0.0	17.6	45.8	0.0	99.06	1691	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	1691	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88		
3298	18.0-46.0- 0.0	17.6	45.7	0.0	98.91	1692	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59	1692	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59		
3299	18.0-46.0- 0.0	17.7	45.9	0.0	99.38	1858	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	1858	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29		
3302	18.0-46.0- 0.0	17.8	46.5	0.0	100.47	1861	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00	1861	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00		
3506	18.0-46.0- 0.0	18.0	46.2	0.0	100.31	1862	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	1862	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29		
3665	18.0-46.0- 0.0	17.8	45.1	0.0	98.28	1864	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65	1864	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65		
3667	18.0-46.0- 0.0	17.7	46.0	0.0	99.53	1867	34.0- 0.0- 0.0	33.5	0.0	0.0	98.53	1867	34.0- 0.0- 0.0	33.5	0.0	0.0	98.53		
3760	18.0-46.0- 0.0	17.6	45.8	0.0	99.06	1868	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59	1868	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59		
3761	18.0-46.0- 0.0	17.8	45.6	0.0	99.06	1870	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	1870	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29		
3848	18.0-46.0- 0.0	18.5	46.4	0.0	101.41	1875	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65	1875	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65		
3849	18.0-46.0- 0.0	17.7	45.6	0.0	98.91	1877	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65	1877	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65		
3850	18.0-46.0- 0.0	17.9	45.5	0.0	99.06	1878	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65	1878	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65		
3853	18.0-46.0- 0.0	17.9	45.4	0.0	98.91	1879	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00	1879	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00		
3930	18.0-46.0- 0.0	17.8	45.6	0.0	99.06	1881	34.0- 0.0- 0.0	33.8	0.0	0.0	99.41	1881	34.0- 0.0- 0.0	33.8	0.0	0.0	99.41		
3931	18.0-46.0- 0.0	17.9	45.8	0.0	99.53	2024	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65	2024	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65		
4042	18.0-46.0- 0.0	18.1	45.7	0.0	99.69	2025	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06	2025	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06		
4046	18.0-46.0- 0.0	17.5	45.3	0.0	98.13	2026	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	2026	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29		
4052	18.0-46.0- 0.0	17.8	46.2	0.0	100.00	2027	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00	2027	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00		
4053	18.0-46.0- 0.0	17.4	45.5	0.0	98.28	2028	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00	2028	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00		
4062	18.0-46.0- 0.0	17.8	45.7	0.0	99.22	2029	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00	2029	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00		
4159	18.0-46.0- 0.0	17.9	46.2	0.0	100.16	2030	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	2030	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29		
4240	18.0-46.0- 0.0	17.9	45.6	0.0	99.22	2031	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	2031	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29		
4242	18.0-46.0- 0.0	18.0	46.5	0.0	100.78	2032	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	2032	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88		
4245	18.0-46.0- 0.0	17.7	46.1	0.0	99.69	2033	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47	2033	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47		
4248	18.0-46.0- 0.0	18.0	45.7	0.0	99.53	2041	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00	2041	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00		
4249	18.0-46.0- 0.0	17.9	45.3	0.0	98.75	2042	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	2042	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29		
4251	18.0-46.0- 0.0	18.0	46.0	0.0	100.00	2043	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	2043	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29		
1882**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52	2045	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59	2045	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59		
1884**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00	2046	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00	2046	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00		
1885**	21.0- 0.0- 0.0	20.7	0.0	0.0	98.57	2047	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	2047	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29		
2063**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00	2207	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00	2207	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00		
3231**	21.0- 0.0- 0.0	20.7	0.0	0.0	98.57	2209	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	2209	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29		
3425**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52	2210	34.0- 0.0- 0.0	33.0	0.0	0.0	97.06	2210	34.0- 0.0- 0.0	33.0	0.0	0.0	97.06		
3426**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48	2213	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	2213	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88		
3718**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00	2337	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59	2337	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59		
4127**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00	2339	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29	2339	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29		
4189**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48	2340	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18	2340	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18		
4285**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52	2358	34.0- 0.0- 0.0	33.8	0.0	0.0	99.41	2358	34.0- 0.0- 0.0	33.8	0.0	0.0	99.41		
4339**	21.0- 0.0- 0.0	20.8	0.0	0.0	99.05	2542	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88	2542	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88		
1669	33.5- 0.0- 0.0	33.1	0.0	0.0	98.81	2543	34.0- 0.0- 0.0	33.6	0.0	0.0	98.82	2543	34.0- 0.0- 0.0	33.6	0.0	0.0	98.82		
1674	33.5- 0.0- 0.0	32.9	0.0	0.0	98.21	2544	34.0- 0.0- 0.0	34.6	0.0	0.0	101.76								

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA PLANT FOODS					
COLUMBIA, MO					
3573	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00
3588	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00
3712	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65
3713	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00
3886	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3887	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
3976	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
3977	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3978	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
4109	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
4110	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
4114	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
4116	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
4278	34.0- 0.0- 0.0	34.9	0.0	0.0	102.65
4280	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
4336	34.0- 0.0- 0.0	33.4	0.0	0.0	98.24
4425	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
1579	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1583	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1586	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
1594	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1595	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1596	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1597	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
1599	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
1600	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1601	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1695	46.0- 0.0- 0.0	46.1	0.0	0.0	100.22
1696	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
1697	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
1698	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1700	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
1701	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
1702	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1703	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
1704	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1705	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1706	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1707	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
1708	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1711	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1715	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1716	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1717	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1719	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1720	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
1721	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1723	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1725	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
1894	46.0- 0.0- 0.0	46.0	0.0	0.0	100.00
1895	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1896	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1899	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1900	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
1904	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2080	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
2082	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2084	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2085	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2086	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2087	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2088	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2090	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2228	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
2229	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
2231	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2232	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2233	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2234	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2374	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2391	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2392	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA PLANT FOODS					
COLUMBIA, MO					
2393	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2394	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2398	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2402	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
2404	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2577	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
2578	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2579	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2583	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2762	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
2768	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2775	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
3020	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3021	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3025	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
3029	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3244	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3246	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3247	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3249	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3250	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3463	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3468	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3608	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3729	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
3730	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
3731	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
3829	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3901	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3902	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
4006	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
4008	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
4010	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
4192	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
4193	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
4196	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
4291	46.0- 0.0- 0.0	46.1	0.0	0.0	100.22
4296	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
4370	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
4371	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
#TOTALS - NO. SAMPLES 884 - SMPLS MISBRANDED 2 - 100.00					
MFA PLANT FOODS					
CARUTHERSVILLE, MO					
3341	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
3344	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
3693	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
3694	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
3695	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
3965	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
4172	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
4405	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
4408	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
4413	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
4438	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
3549	0.0- 0.0-61.0	0.0	0.0	60.3	98.85
4419	0.0- 0.0-62.0	0.0	0.0	62.6	100.97
3326	0.0-46.0- 0.0	0.0	46.5	0.0	101.09
3328	0.0-46.0- 0.0	0.0	46.7	0.0	101.52
3529	0.0-46.0- 0.0	0.0	46.7	0.0	101.52
3689	0.0-46.0- 0.0	0.0	45.8	0.0	99.57
3779	0.0-46.0- 0.0	0.0	45.9	0.0	99.78
3304	18.0-46.0- 0.0	18.5	45.5	0.0	100.00
3307	18.0-46.0- 0.0	17.8	45.5	0.0	98.91
3511	18.0-46.0- 0.0	17.9	45.6	0.0	99.22
3512	18.0-46.0- 0.0	17.5	45.6	0.0	98.59
3662	18.0-46.0- 0.0	18.1	46.0	0.0	100.16
3764	18.0-46.0- 0.0	17.7	45.7	0.0	99.06
3933	18.0-46.0- 0.0	17.7	45.9	0.0	99.38
4385	18.0-46.0- 0.0	18.0	45.9	0.0	99.84
4436	18.0-46.0- 0.0	17.8	46.6	0.0	100.63
3429**	21.0- 0.0- 0.0	20.7	0.0	0.0	98.57
3582**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA PLANT FOODS					
CARUTHERSVILLE, MO					
3583**	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52
3983**	21.0- 0.0- 0.0	20.8	0.0	0.0	99.05
3709	34.0- 0.0- 0.0	33.1	0.0	0.0	97.35
3710	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65
3890	34.0- 0.0- 0.0	33.3	0.0	0.0	97.94
4424	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65
3458	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
3619	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3904	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3906	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
4360	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
4361	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
4363	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
4364	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
4432	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
#TOTALS - NO. SAMPLES	44 - SMPLS	MISBRANDED	0 -		100.11

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA PLANT FOODS					
HAYTI, MO					
3123	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
3124	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
3967	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
4437	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
3112	0.0-46.0- 0.0	0.0	46.5	0.0	101.09
3757	11.0-52.0- 0.0	11.1	51.5	0.0	99.37
3100	18.0-46.0- 0.0	18.7	46.6	0.0	102.03
3101	18.0-46.0- 0.0	17.9	46.0	0.0	99.84
3937	18.0-46.0- 0.0	17.8	45.6	0.0	99.06
3212	34.0- 0.0- 0.0	33.3	0.0	0.0	97.94
3028	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES	40 - SMPLS	MISBRANDED	0 -		100.31

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MIDVALE FARM SUPPLY					
SUMMERSVILLE, MO					
4075**	0.0- 0.0- 0.0	0.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -		100.00

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MIDWEST AGRI-CHEMICO, INC					
CAPE GIRARDEAU, MO					
3866**	0.0- 0.0-22.0	0.0	0.0	22.0	100.00
1643	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
2316	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
2360	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
2361	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2502	0.0- 0.0-60.0	0.0	0.0	59.9	99.83
2503	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2686	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
2688	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
2894	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
2897	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
2900	0.0- 0.0-60.0	0.0	0.0	61.4	102.33
3333	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
3340	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
3343	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
3536	0.0- 0.0-60.0	0.0	0.0	61.6	102.67
3537	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
3542	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
3543	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
3545	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
3547	0.0- 0.0-60.0	0.0	0.0	59.8	99.67
3788	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
3789	0.0- 0.0-60.0	0.0	0.0	61.3	102.17
3867	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
3869	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
3875	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
3963	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
4088	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
4170	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
4270	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
4406	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
4410	0.0- 0.0-60.0	0.0	0.0	59.4	99.00
4414	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
3794	0.0- 0.0-62.0	0.0	0.0	62.7	101.13
3530	0.0-46.0- 0.0	0.0	45.8	0.0	99.57
3780	0.0-46.0- 0.0	0.0	46.1	0.0	100.22

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MIDWEST AGRI-CHEMICO, INC					
CAPE GIRARDEAU, MO					
3861	0.0-46.0- 0.0	0.0	46.4	0.0	100.87
3952	0.0-46.0- 0.0	0.0	46.2	0.0	100.43
1612	18.0-46.0- 0.0	18.1	46.5	0.0	100.94
1613	18.0-46.0- 0.0	17.9	46.7	0.0	100.94
1632	18.0-46.0- 0.0	18.0	46.4	0.0	100.63
2267	18.0-46.0- 0.0	18.1	45.4	0.0	99.22
2367	18.0-46.0- 0.0	17.7	45.8	0.0	99.22
2454	18.0-46.0- 0.0	17.9	45.6	0.0	99.22
2629	18.0-46.0- 0.0	18.1	46.6	0.0	101.09
2630	18.0-46.0- 0.0	18.1	46.0	0.0	100.16
2631	18.0-46.0- 0.0	17.8	45.6	0.0	99.06
2632	18.0-46.0- 0.0	18.0	46.2	0.0	100.31
2844	18.0-46.0- 0.0	18.0	46.3	0.0	100.47
3093	18.0-46.0- 0.0	18.3	46.2	0.0	100.78
3108	18.0-46.0- 0.0	18.4	46.9	0.0	102.03
3301	18.0-46.0- 0.0	17.8	46.1	0.0	99.84
3504	18.0-46.0- 0.0	17.8	45.6	0.0	99.06
3505	18.0-46.0- 0.0	18.2	45.8	0.0	100.00
3509	18.0-46.0- 0.0	17.9	45.4	0.0	98.91
3517	18.0-46.0- 0.0	17.9	45.9	0.0	99.69
3845	18.0-46.0- 0.0	17.8	45.5	0.0	98.91
3852	18.0-46.0- 0.0	18.3	45.6	0.0	99.84
3938	18.0-46.0- 0.0	18.1	46.4	0.0	100.78
3939	18.0-46.0- 0.0	17.9	46.2	0.0	100.16
4043	18.0-46.0- 0.0	18.0	45.8	0.0	99.69
4045	18.0-46.0- 0.0	17.6	45.3	0.0	98.28
4049	18.0-46.0- 0.0	17.8	46.4	0.0	100.31
4050	18.0-46.0- 0.0	17.9	46.0	0.0	99.84
4243	18.0-46.0- 0.0	18.2	46.7	0.0	101.41
4391	18.0-46.0- 0.0	18.0	46.1	0.0	100.16
4392	18.0-46.0- 0.0	17.9	46.3	0.0	100.31
2991**	20.0- 0.0- 0.0	20.8	0.0	0.0	104.00
3430**	21.0- 0.0- 0.0	20.4	0.0	0.0	97.14
2052	33.5- 0.0- 0.0	33.1	0.0	0.0	98.81
2554	33.5- 0.0- 0.0	33.7	0.0	0.0	100.60
2556	33.5- 0.0- 0.0	32.9	0.0	0.0	98.21
2561	33.5- 0.0- 0.0	33.3	0.0	0.0	99.40
2737	33.5- 0.0- 0.0	33.2	0.0	0.0	99.10
2973	33.5- 0.0- 0.0	34.0	0.0	0.0	101.49
2974	33.5- 0.0- 0.0	33.6	0.0	0.0	100.30
2975	33.5- 0.0- 0.0	33.7	0.0	0.0	100.60
2976	33.5- 0.0- 0.0	33.8	0.0	0.0	100.90
2977	33.5- 0.0- 0.0	33.7	0.0	0.0	100.60
3420	33.5- 0.0- 0.0	33.0	0.0	0.0	98.51
4282	33.5- 0.0- 0.0	33.4	0.0	0.0	99.70
2742	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65
2743	34.0- 0.0- 0.0	33.1	0.0	0.0	97.35
2744	34.0- 0.0- 0.0	33.3	0.0	0.0	97.94
3213	34.0- 0.0- 0.0	33.6	0.0	0.0	98.82
3217	34.0- 0.0- 0.0	33.8	0.0	0.0	99.41
3405	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
3571	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3572	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3575	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3577	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
3892	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
4115	34.0- 0.0- 0.0	33.7	0.0	0.0	99.12
4117	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00
4118	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
4119	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00
1580	46.0- 0.0- 0.0	46.0	0.0	0.0	100.00
2091	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2400	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
3026	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
3259	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3460	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3461	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3464	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3616	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3618	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3734	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3738	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30

## 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			
3828	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3909	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3910	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
4134	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
4137	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
4141	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
4362	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
4369	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
4372	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES		160	- SMPLS MISBRANDED 0 -		100.26

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MIDWEST FERTILIZER, INC		PAOLA, KS			
1818	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
2179	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
2311	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2497	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
2692	0.0- 0.0-60.0	0.0	0.0	59.5	99.17
2693	0.0- 0.0-60.0	0.0	0.0	60.2	100.33
2891	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
3535	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
1575	0.0- 0.0-61.0	0.0	0.0	60.4	99.02
2306	0.0-11.3- 0.0	0.0	14.4	0.0	127.43
3528	0.0-46.0- 0.0	0.0	46.7	0.0	101.52
1574	18.0-46.0- 0.0	18.0	46.1	0.0	100.16
1786	18.0-46.0- 0.0	17.9	46.7	0.0	100.94
2259	18.0-46.0- 0.0	17.6	45.5	0.0	98.59
2465	18.0-46.0- 0.0	18.1	45.9	0.0	100.00
2641	18.0-46.0- 0.0	18.0	46.8	0.0	101.25
2839	18.0-46.0- 0.0	18.0	46.4	0.0	100.63
3507	18.0-46.0- 0.0	17.8	46.3	0.0	100.16
3580	33.5- 0.0- 0.0	33.4	0.0	0.0	99.70
1577	34.0- 0.0- 0.0	33.4	0.0	0.0	98.24
1871	34.0- 0.0- 0.0	33.4	0.0	0.0	98.24
1872	34.0- 0.0- 0.0	33.5	0.0	0.0	98.53
2206	34.0- 0.0- 0.0	33.1	0.0	0.0	97.35
2338	34.0- 0.0- 0.0	33.7	0.0	0.0	99.12
2964	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
2971	34.0- 0.0- 0.0	34.7	0.0	0.0	102.06
3569	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
3570	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
3574	34.0- 0.0- 0.0	33.5	0.0	0.0	98.53
1573	46.0- 0.0- 0.0	46.1	0.0	0.0	100.22
1718	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2230	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
2401	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2580	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
2761	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
#TOTALS - NO. SAMPLES		61	- SMPLS MISBRANDED 0 -		100.03

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MIDWESTERN BIO-AG PRODS & SERV INC		BLUE MOUNDS, WI			
1799	0.0- 1.0- 0.0	0.0	1.1	0.0	110.00
1797	17.0- 6.0- 1.0	15.3	6.4	3.5	99.79
#TOTALS - NO. SAMPLES		3	- SMPLS MISBRANDED 0 -		103.71

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MISSISSIPPI CHEMICAL COMPANY, LP		YAZOO CITY, MS			
3332	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
4175	0.0- 0.0-60.0	0.0	0.0	62.2	103.67
3293	18.0-46.0- 0.0	17.5	46.1	0.0	99.38
1873	34.0- 0.0- 0.0	34.0	0.0	0.0	100.00
3404	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
4111	34.0- 0.0- 0.0	34.2	0.0	0.0	100.59
#TOTALS - NO. SAMPLES		10	- SMPLS MISBRANDED 0 -		100.59

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MISSISSIPPI POTASH INC.		YAZOO CITY, MS			
2307	0.0- 0.0-51.0	0.0	0.0	51.6	101.18
1986	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
3128	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
4080	0.0- 0.0-60.0	0.0	0.0	61.2	102.00
4081	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
1820	0.0- 0.0-61.0	0.0	0.0	61.8	101.31
1822	0.0- 0.0-61.0	0.0	0.0	62.2	101.97
1823	0.0- 0.0-61.0	0.0	0.0	62.0	101.64

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MISSISSIPPI POTASH INC.		YAZOO CITY, MS			
1824	0.0- 0.0-61.0	0.0	0.0	62.1	101.80
2001	0.0- 0.0-62.0	0.0	0.0	61.7	99.52
2002	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
2003	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
2004	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
2321	0.0- 0.0-62.0	0.0	0.0	61.9	99.84
2322	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
2323	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
2324	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
2325	0.0- 0.0-62.0	0.0	0.0	62.2	100.32
2326	0.0- 0.0-62.0	0.0	0.0	61.9	99.84
2700	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
2701	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
3142	0.0- 0.0-62.0	0.0	0.0	62.1	100.16
3144	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
3698	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
4091	0.0- 0.0-62.0	0.0	0.0	62.5	100.81
4439	0.0- 0.0-62.0	0.0	0.0	62.0	100.00
1932	11.0-52.0- 0.0	11.1	51.8	0.0	99.84
1952	18.0-46.0- 0.0	17.3	46.0	0.0	98.91
1953	18.0-46.0- 0.0	18.1	46.2	0.0	100.47
#TOTALS - NO. SAMPLES		44	- SMPLS MISBRANDED 0 -		100.54

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MISSOURI MULCH		NEW FLORENCE, MO			
4322	0.1- 0.1- 0.1	0.5	0.5	0.3	460.00
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED 0 -		460.00

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MORGAN FERTILIZER, INC		WYACONDA, MO			
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED 0 -		100.00

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
CITY OF NIXA		NIXA, MO			
1638	0.5- 0.5- 0.3	1.0	1.6	0.3	239.13
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED 0 -		239.13

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
NODAWAY FERTILIZER & GRAIN		RAVENWOOD, MO			
#TOTALS - NO. SAMPLES		1	- SMPLS MISBRANDED 0 -		99.00

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
OAKLEY FERTILIZER, INC		N LITTLE ROCK, AR			
2501	0.0- 0.0-60.0	0.0	0.0	60.7	101.17
2504	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
2689	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
2470	18.0-46.0- 0.0	18.1	45.8	0.0	99.84
2472	18.0-46.0- 0.0	18.2	45.4	0.0	99.38
2633	18.0-46.0- 0.0	18.0	45.9	0.0	99.84
2634	18.0-46.0- 0.0	18.0	45.1	0.0	98.59
2636	18.0-46.0- 0.0	17.9	45.9	0.0	99.69
2637	18.0-46.0- 0.0	18.0	45.8	0.0	99.69
2750**	20.0- 0.0- 0.0	20.6	0.0	0.0	103.00
2569**	21.0- 0.0- 0.0	20.6	0.0	0.0	98.10
2553	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
#TOTALS - NO. SAMPLES		23	- SMPLS MISBRANDED 0 -		100.06

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
OAKLEY MISSOURI, INC		CARUTHERSVILLE, MO			
3125	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
3130	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
3339	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
3342	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
3692	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
4082	0.0- 0.0-60.0	0.0	0.0	61.1	101.83
4329	0.0- 0.0-60.0	0.0	0.0	60.3	100.50
3325	0.0-46.0- 0.0	0.0	46.6	0.0	101.30
3327	0.0-46.0- 0.0	0.0	45.7	0.0	99.35
3687	0.0-46.0- 0.0	0.0	45.7	0.0	99.35
3688	0.0-46.0- 0.0	0.0	46.5	0.0	101.09
3860	0.0-46.0- 0.0	0.0	46.1	0.0	100.22
4072	0.0-46.0- 0.0	0.0	46.1	0.0	100.22
4325	0.0-46.0- 0.0	0.0	45.2	0.0	98.26
4399	0.0-46.0- 0.0	0.0	46.8	0.0	101.74
3859	3.0- 3.0- 3.0	3.9	2.2*	3.3	103.33
3109	18.0-46.0- 0.0	18.2	46.2	0.0	100.63
3305	18.0-46.0- 0.0	17.9	46.0	0.0	99.84
3663	18.0-46.0- 0.0	18.1	46.1	0.0	100.31

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value	MANUFACTURER		% FOUND			% Relative Value																		
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash		No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash																			
OAKLEY MISSOURI, INC					CARUTHERSVILLE, MO					RIVER BEND AG LLC					NEW MADRID, MO														
3844	18.0-46.0-0.0	18.3	45.6	0.0	99.84	3338	0.0-0.0-60.0	0.0	0.0	61.0	101.67	3691	0.0-0.0-60.0	0.0	0.0	60.7	101.17	3785	0.0-0.0-60.0	0.0	0.0	60.4	100.67	3787	0.0-0.0-60.0	0.0	0.0	61.1	101.83
4157	18.0-46.0-0.0	18.2	46.1	0.0	100.47	3868	0.0-0.0-60.0	0.0	0.0	60.8	101.33	3966	0.0-0.0-60.0	0.0	0.0	60.9	101.50	4171	0.0-0.0-60.0	0.0	0.0	61.0	101.67	4173	0.0-0.0-60.0	0.0	0.0	61.1	101.83
4314	18.0-46.0-0.0	17.9	45.7	0.0	99.38	4404	0.0-0.0-60.0	0.0	0.0	59.6	99.33	4407	0.0-0.0-60.0	0.0	0.0	60.5	100.83	4409	0.0-0.0-60.0	0.0	0.0	60.1	100.17	3685	0.0-46.0-0.0	0.0	46.1	0.0	100.22
4383	18.0-46.0-0.0	18.2	45.1	0.0	98.91	4407	0.0-0.0-60.0	0.0	0.0	60.5	100.83	3686	0.0-46.0-0.0	0.0	46.4	0.0	100.87	3781	0.0-46.0-0.0	0.0	46.6	0.0	101.30	3951	0.0-46.0-0.0	0.0	46.8	0.0	101.74
4388	18.0-46.0-0.0	18.0	46.1	0.0	100.16	4427**	21.0-0.0-0.0	20.8	0.0	99.05	4326	0.0-46.0-0.0	0.0	46.3	0.0	100.65	4398	0.0-46.0-0.0	0.0	45.9	0.0	99.78	2840	18.0-46.0-0.0	17.9	46.4	0.0	100.47	
3230**	21.0-0.0-0.0	20.7	0.0	0.0	98.57	2981	33.5-0.0-0.0	34.5	0.0	102.99	4398	0.0-46.0-0.0	0.0	45.9	0.0	99.78	3306	18.0-46.0-0.0	17.9	45.9	0.0	99.69	3308	18.0-46.0-0.0	18.0	45.6	0.0	99.38	
3428**	21.0-0.0-0.0	20.7	0.0	0.0	98.57	2982	33.5-0.0-0.0	33.5	0.0	100.00	3508	18.0-46.0-0.0	17.6	45.6	0.0	98.75	3513	18.0-46.0-0.0	17.9	45.8	0.0	99.53	3658	18.0-46.0-0.0	18.0	46.1	0.0	100.16	
3982**	21.0-0.0-0.0	20.4	0.0	0.0	97.14	3228	33.5-0.0-0.0	34.2	0.0	102.09	3513	18.0-46.0-0.0	17.9	45.8	0.0	99.53	3659	18.0-46.0-0.0	17.8	46.2	0.0	100.00	3661	18.0-46.0-0.0	18.2	46.0	0.0	100.31	
4338**	21.0-0.0-0.0	20.8	0.0	0.0	99.05	4120	33.5-0.0-0.0	33.5	0.0	100.00	3659	18.0-46.0-0.0	17.8	46.2	0.0	100.00	3765	18.0-46.0-0.0	17.7	45.6	0.0	98.91	3843	18.0-46.0-0.0	17.9	45.8	0.0	99.53	
4427**	21.0-0.0-0.0	20.8	0.0	0.0	99.05	3576	34.0-0.0-0.0	33.6	0.0	98.82	3765	18.0-46.0-0.0	17.7	45.6	0.0	98.91	3934	18.0-46.0-0.0	17.6	46.2	0.0	99.69	3936	18.0-46.0-0.0	17.8	46.0	0.0	99.69	
2981	33.5-0.0-0.0	34.5	0.0	0.0	102.99	4113	34.0-0.0-0.0	34.0	0.0	100.00	4051	18.0-46.0-0.0	17.7	46.0	0.0	99.53	4156	18.0-46.0-0.0	18.0	45.9	0.0	99.84	4158	18.0-46.0-0.0	18.0	46.1	0.0	100.16	
2982	33.5-0.0-0.0	33.5	0.0	0.0	100.00	4442	34.0-0.0-0.0	34.3	0.0	100.88	4156	18.0-46.0-0.0	18.0	45.9	0.0	99.84	4313	18.0-46.0-0.0	17.4	46.1	0.0	99.22	4382	18.0-46.0-0.0	17.9	46.0	0.0	99.84	
3228	33.5-0.0-0.0	34.2	0.0	0.0	102.09	3027	46.0-0.0-0.0	46.3	0.0	100.65	4158	18.0-46.0-0.0	18.0	46.1	0.0	100.16	4382	18.0-46.0-0.0	17.9	46.0	0.0	99.84	4384	18.0-46.0-0.0	18.0	46.1	0.0	100.16	
4120	33.5-0.0-0.0	33.5	0.0	0.0	100.00	3256	46.0-0.0-0.0	46.4	0.0	100.87	4386	18.0-46.0-0.0	17.8	45.8	0.0	99.38	4386	18.0-46.0-0.0	17.8	45.8	0.0	99.38	4387	18.0-46.0-0.0	18.1	45.5	0.0	99.38	
3576	34.0-0.0-0.0	33.6	0.0	0.0	98.82	3457	46.0-0.0-0.0	46.5	0.0	101.09	4387	18.0-46.0-0.0	18.1	45.5	0.0	99.38	4435	18.0-46.0-0.0	18.0	46.8	0.0	101.25	3427**	21.0-0.0-0.0	20.6	0.0	0.0	98.10	
4113	34.0-0.0-0.0	34.0	0.0	0.0	100.00	3459	46.0-0.0-0.0	46.5	0.0	101.09	3427**	21.0-0.0-0.0	20.6	0.0	0.0	98.10	3719**	21.0-0.0-0.0	21.1	0.0	0.0	100.48	3815**	21.0-0.0-0.0	20.9	0.0	0.0	99.52	
4442	34.0-0.0-0.0	34.3	0.0	0.0	100.88	3907	46.0-0.0-0.0	46.5	0.0	101.09	4136	46.0-0.0-0.0	46.5	0.0	0.0	99.53	3816**	21.0-0.0-0.0	20.9	0.0	0.0	99.52	3984**	21.0-0.0-0.0	21.0	0.0	0.0	100.00	
3027	46.0-0.0-0.0	46.3	0.0	0.0	100.65	4136	46.0-0.0-0.0	46.5	0.0	101.09	4292	46.0-0.0-0.0	46.5	0.0	0.0	100.16	4188**	21.0-0.0-0.0	21.1	0.0	0.0	100.48	2763	46.0-0.0-0.0	46.3	0.0	0.0	100.65	
3256	46.0-0.0-0.0	46.4	0.0	0.0	100.87	4292	46.0-0.0-0.0	46.5	0.0	101.09	4293	46.0-0.0-0.0	46.4	0.0	0.0	100.87	2763	46.0-0.0-0.0	46.3	0.0	0.0	100.65	3253	46.0-0.0-0.0	46.5	0.0	0.0	101.09	
3457	46.0-0.0-0.0	46.5	0.0	0.0	101.09	4367	46.0-0.0-0.0	46.2	0.0	100.43	4367	46.0-0.0-0.0	46.2	0.0	0.0	100.43	3255	46.0-0.0-0.0	46.6	0.0	0.0	101.30	3255	46.0-0.0-0.0	46.6	0.0	0.0	101.30	
3459	46.0-0.0-0.0	46.5	0.0	0.0	101.09	4429	46.0-0.0-0.0	46.2	0.0	100.43	4429	46.0-0.0-0.0	46.2	0.0	0.0	100.43	3257	46.0-0.0-0.0	46.6	0.0	0.0	101.30	3456	46.0-0.0-0.0	46.5	0.0	0.0	101.09	
3907	46.0-0.0-0.0	46.5	0.0	0.0	101.09	#TOTALS - NO. SAMPLES	51 - SMPLS	MISBRANDED	1 -	100.31	4429	46.0-0.0-0.0	46.2	0.0	0.0	100.43	3617	46.0-0.0-0.0	46.6	0.0	0.0	101.30	3735	46.0-0.0-0.0	46.6	0.0	0.0	101.30	
4136	46.0-0.0-0.0	46.5	0.0	0.0	101.09	OLD MILL GRAIN & SEED CO	HARRISONVILLE, MO						3737	46.0-0.0-0.0	46.6	0.0	0.0	101.30	3825	46.0-0.0-0.0	46.4	0.0	0.0	100.87					
4292	46.0-0.0-0.0	46.5	0.0	0.0	101.09	2221	33.5-0.0-0.0	32.8	0.0	97.91	4138	46.0-0.0-0.0	46.5	0.0	0.0	101.09	4140	46.0-0.0-0.0	46.5	0.0	0.0	101.09	4138	46.0-0.0-0.0	46.5	0.0	0.0	101.09	
4293	46.0-0.0-0.0	46.4	0.0	0.0	100.87	#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -	97.91	4140	46.0-0.0-0.0	46.5	0.0	0.0	101.09	4294	46.0-0.0-0.0	46.3	0.0	0.0	100.65	4140	46.0-0.0-0.0	46.5	0.0	0.0	101.09	
4367	46.0-0.0-0.0	46.2	0.0	0.0	100.43	OLEAN SEED CO	OLEAN, MO						4359	46.0-0.0-0.0	46.3	0.0	0.0	100.65	4365	46.0-0.0-0.0	46.4	0.0	0.0	100.87					
4429	46.0-0.0-0.0	46.2	0.0	0.0	100.43	2606	17.0-17.0-17.0	17.5	18.3	17.8	105.18	4365	46.0-0.0-0.0	46.4	0.0	0.0	100.87	4366	46.0-0.0-0.0	46.3	0.0	0.0	100.65						
#TOTALS - NO. SAMPLES		51 - SMPLS	MISBRANDED	1 -	100.31	2646	23.0-11.0-11.0	22.6	11.6	12.5	102.41	4368	46.0-0.0-0.0	46.5	0.0	0.0	101.09	4441	46.0-0.0-0.0	46.2	0.0	0.0	100.43						
OLD MILL GRAIN & SEED CO	HARRISONVILLE, MO						#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -	103.84	#TOTALS - NO. SAMPLES	79 - SMPLS	MISBRANDED	0 -	100.40	4441	46.0-0.0-0.0	46.2	0.0	0.0	100.43							
OLEAN SEED CO	OLEAN, MO						PCS SALES (USA) INC	NORTHBROOK, IL						ROYSTER-CLARK, INC.	COLLINSVILLE, IL														
2606	17.0-17.0-17.0	17.5	18.3	17.8	105.18	2189	0.0-0.0-60.0	0.0	0.0	60.6	101.00	2890	0.0-0.0-60.0	0.0	0.0	61.0	101.67	3546	0.0-0.0-60.0	0.0	0.0	60.8	101.33						
2646	23.0-11.0-11.0	22.6	11.6	12.5	102.41	3337	0.0-0.0-60.0	0.0	0.0	61.3	102.17	3874	0.0-0.0-60.0	0.0	0.0	61.3	102.17	3131	0.0-0.0-61.0	0.0	0.0	60.7	99.51						
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	103.84	4328	0.0-0.0-60.0	0.0	0.0	60.5	100.83	1651	0.0-0.0-62.0	0.0	0.0	62.3	100.48	1651	0.0-0.0-62.0	0.0	0.0	62.3	100.48						
PCS SALES (USA) INC	NORTHBROOK, IL						2009	0.0-0.0-62.0	0.0	0.0	61.9	99.84	1657	0.0-0.0-62.0	0.0	0.0	62.5	100.81	1658	0.0-0.0-62.0	0.0	0.0	62.0	100.00					
2189	0.0-0.0-60.0	0.0	0.0	60.6	101.00	2010	0.0-0.0-62.0	0.0	0.0	62.0	100.00						1658	0.0-0.0-62.0	0.0	0.0	62.0	100.00							
3337	0.0-0.0-60.0	0.0	0.0	61.3	102.17	2193	0.0-0.0-62.0	0.0	0.0	62.7	101.13																		
4328	0.0-0.0-60.0	0.0	0.0	60.5	100.83	4271	0.0-0.0-62.0	0.0	0.0	62.8	101.29																		
2009	0.0-0.0-62.0	0.0	0.0	61.9	99.84	4332	0.0-0.0-62.0	0.0	0.0	62.5	100.81																		
2010	0.0-0.0-62.0	0.0	0.0	62.0	100.00	3666	18.0-46.0-0.0	17.7	46.0	0.0	99.53																		
2193	0.0-0.0-62.0	0.0	0.0	62.7	101.13	4246	18.0-46.0-0.0	18.3	45.2	0.0	99.22																		
4271	0.0-0.0-62.0	0.0	0.0	62.8	101.29	3018	46.0-0.0-0.0	46.3	0.0	0.0	100.65																		
4332	0.0-0.0-62.0	0.0	0.0	62.5	100.81	3254	46.0-0.0-0.0	46.6	0.0	0.0	101.30																		
3666	18.0-46.0-0.0	17.7	46.0	0.0	99.53	4191	46.0-0.0-0.0	46.4	0.0	0.0	100.87																		
4246	18.0-46.0-0.0	18.3	45.2	0.0	99.22	#TOTALS - NO. SAMPLES	18 - SMPLS	MISBRANDED	0 -	100.76																			
3018	46.0-0.0-0.0	46.3	0.0	0.0	100.65	PLANT RIGHT INC	PURDY, MO																						
3254	46.0-0.0-0.0	46.6	0.0	0.0	101.30	3683	3.0-2.0-2.0	3.8	2.3	3.3	129.17																		
4191	46.0-0.0-0.0	46.4	0.0	0.0	100.87	#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -	126.25																			



## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value	MANUFACTURER		% FOUND			% Relative Value																																																																																																																																																																																																																																																																																																										
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash		No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash																																																																																																																																																																																																																																																																																																											
ROYSTER-CLARK, INC.					COLLINSVILLE, IL					ROYSTER-CLARK, INC.					COLLINSVILLE, IL																																																																																																																																																																																																																																																																																																						
1661	0.0- 0.0-62.0	0.0	0.0	62.8	101.29	4340	33.5- 0.0- 0.0	33.4	0.0	0.0	99.70	1687	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65	1688	34.0- 0.0- 0.0	33.1	0.0	0.0	97.35	1880	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65	2023	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65	2049	34.0- 0.0- 0.0	33.0	0.0	0.0	97.06	2345	34.0- 0.0- 0.0	33.4	0.0	0.0	98.24	2320	0.0- 0.0-62.0	0.0	0.0	62.0	100.00	3412	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65	1584	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52	1699	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	1897	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	2397	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	2766	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09	3248	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30	3826	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	3827	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	4195	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87	4290	46.0- 0.0- 0.0	46.1	0.0	0.0	100.22	4352	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43	4431	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65	#TOTALS - NO. SAMPLES 171 - SMPLS MISBRANDED 1 - 100.12																																																																																																																																																																																	
1826	0.0- 0.0-62.0	0.0	0.0	62.2	100.32	ROYSTER-CLARK, INC					NEW FRANKLIN, MO					1659	0.0- 0.0-62.0	0.0	0.0	62.7	101.13	2007	0.0- 0.0-62.0	0.0	0.0	62.2	100.32	2008	0.0- 0.0-62.0	0.0	0.0	62.4	100.65	2196	0.0- 0.0-62.0	0.0	0.0	62.8	101.29	2905	0.0- 0.0-62.0	0.0	0.0	62.0	100.00	2907	0.0- 0.0-62.0	0.0	0.0	62.1	100.16	3138	0.0- 0.0-62.0	0.0	0.0	62.4	100.65	3140	0.0- 0.0-62.0	0.0	0.0	62.1	100.16	3699	0.0- 0.0-62.0	0.0	0.0	62.9	101.45	3796	0.0- 0.0-62.0	0.0	0.0	62.9	101.45	4178	0.0- 0.0-62.0	0.0	0.0	62.7	101.13	1934	11.0-52.0- 0.0	11.3	51.1	0.0	99.05	4041	11.0-52.0- 0.0	11.3	51.8	0.0	100.16	1620	18.0-46.0- 0.0	17.7	46.9	0.0	100.94	1629	18.0-46.0- 0.0	17.8	45.5	0.0	98.91	1955	18.0-46.0- 0.0	18.0	46.1	0.0	100.16	2129	18.0-46.0- 0.0	17.9	46.0	0.0	99.84	2130	18.0-46.0- 0.0	17.9	46.2	0.0	100.16	2134	18.0-46.0- 0.0	17.9	46.6	0.0	100.78	2643	18.0-46.0- 0.0	17.7	46.1	0.0	99.69	2845	18.0-46.0- 0.0	17.9	45.8	0.0	99.53	2846	18.0-46.0- 0.0	18.1	46.4	0.0	100.78	2848	18.0-46.0- 0.0	17.9	46.3	0.0	100.31	3098	18.0-46.0- 0.0	18.2	46.8	0.0	101.56	3099	18.0-46.0- 0.0	17.8	47.0	0.0	101.25	3107	18.0-46.0- 0.0	17.8	46.6	0.0	100.63	3519	18.0-46.0- 0.0	17.6	45.6	0.0	98.75	3520	18.0-46.0- 0.0	17.6	45.3	0.0	98.28	3521	18.0-46.0- 0.0	17.6	45.3	0.0	98.28	3522	18.0-46.0- 0.0	17.5	45.6	0.0	98.59	3669	18.0-46.0- 0.0	17.8	46.1	0.0	99.84	3670	18.0-46.0- 0.0	17.8	45.7	0.0	99.22	3763	18.0-46.0- 0.0	17.6	45.8	0.0	99.06	4057	18.0-46.0- 0.0	17.8	45.8	0.0	99.38	4058	18.0-46.0- 0.0	17.8	46.0	0.0	99.69	4059	18.0-46.0- 0.0	17.8	45.8	0.0	99.38	3586**	21.0- 0.0- 0.0	21.2	0.0	0.0	100.95	1670	33.5- 0.0- 0.0	33.2	0.0	0.0	99.10	1851	33.5- 0.0- 0.0	33.1	0.0	0.0	98.81	2050	33.5- 0.0- 0.0	33.0	0.0	0.0	98.51	2359	33.5- 0.0- 0.0	33.1	0.0	0.0	98.81	3587	33.5- 0.0- 0.0	33.3	0.0	0.0	99.40	3715	33.5- 0.0- 0.0	33.6	0.0	0.0	100.30	4124	33.5- 0.0- 0.0	33.3	0.0	0.0	99.40	2048	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65	2749	34.0- 0.0- 0.0	33.6	0.0	0.0	98.82	3219	34.0- 0.0- 0.0	33.9	0.0	0.0	99.71	3220	34.0- 0.0- 0.0	33.2	0.0	0.0	97.65	3578	34.0- 0.0- 0.0	34.4	0.0	0.0	101.18
1998	0.0- 0.0-62.0	0.0	0.0	62.5	100.81	1747	11.0-52.0- 0.0	11.6	51.8	0.0	100.63	1751	11.0-52.0- 0.0	11.6	51.9	0.0	100.79	1752	11.0-52.0- 0.0	11.6	51.7	0.0	100.48	2445	11.0-52.0- 0.0	17.8	46.2*	0.0	101.59	3503	11.0-52.0- 0.0	11.1	51.5	0.0	99.37	3656	11.0-52.0- 0.0	11.3	51.8	0.0	100.16	4038	11.0-52.0- 0.0	11.9	51.7	0.0	100.95	4309	11.0-52.0- 0.0	10.9	52.2	0.0	100.16	1618	18.0-46.0- 0.0	18.0	46.7	0.0	101.09	1621	18.0-46.0- 0.0	17.9	46.6	0.0	100.78	1622	18.0-46.0- 0.0	17.8	45.7	0.0	99.22	1633	18.0-46.0- 0.0	17.8	45.8	0.0	99.38	1767	18.0-46.0- 0.0	17.9	47.0	0.0	101.41	1768	18.0-46.0- 0.0	18.0	46.1	0.0	100.16	1771	18.0-46.0- 0.0	17.8	45.9	0.0	99.53	1938	18.0-46.0- 0.0	17.6	45.8	0.0	99.06	1939	18.0-46.0- 0.0	17.9	46.2	0.0	100.16	2132	18.0-46.0- 0.0	17.8	46.3	0.0	100.16	2135	18.0-46.0- 0.0	18.4	46.6	0.0	101.56	2144	18.0-46.0- 0.0	18.4	45.9	0.0	100.47	2252	18.0-46.0- 0.0	17.9	46.2	0.0	100.16	2458	18.0-46.0- 0.0	17.8	45.9	0.0	99.53	2838	18.0-46.0- 0.0	17.9	45.8	0.0	99.53	2847	18.0-46.0- 0.0	18.1	46.0	0.0	100.16	3097	18.0-46.0- 0.0	18.0	47.4	0.0	102.19	3300	18.0-46.0- 0.0	17.6	46.4	0.0	100.00	3664	18.0-46.0- 0.0	17.7	46.2	0.0	99.84	3762	18.0-46.0- 0.0	17.7	45.6	0.0	98.91	4056	18.0-46.0- 0.0	17.9	45.7	0.0	99.38	4389	18.0-46.0- 0.0	17.9	46.1	0.0	100.00	4434	18.0-46.0- 0.0	17.9	46.5	0.0	100.63	1693	21.0- 0.0- 0.0	20.9	0.0	0.0	99.52	1886**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00	2062**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00	2357**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48	1668	33.5- 0.0- 0.0	33.3	0.0	0.0	99.40	1673	33.5- 0.0- 0.0	33.2	0.0	0.0	99.10	1849	33.5- 0.0- 0.0	33.8	0.0	0.0	100.90	2060	33.5- 0.0- 0.0	33.1	0.0	0.0	98.81	2560	33.5- 0.0- 0.0	34.3	0.0	0.0	102.39	3223	33.5- 0.0- 0.0	33.2	0.0	0.0	99.10	3422	33.5- 0.0- 0.0	33.3	0.0	0.0	99.40	3716	33.5- 0.0- 0.0	33.4	0.0	0.0	99.70	3810	33.5- 0.0- 0.0	33.3	0.0	0.0	99.40	3812	33.5- 0.0- 0.0	33.1	0.0	0.0	98.81																																		

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
ROYSTER-CLARK, INC		NEW FRANKLIN, MO			
3714	34.0- 0.0- 0.0	33.3	0.0	0.0	97.94
1585	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
1593	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
1903	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2373	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
2764	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2765	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
2767	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
2770	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
3022	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3245	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3465	46.0- 0.0- 0.0	46.7	0.0	0.0	101.52
3467	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3621	46.0- 0.0- 0.0	46.3	0.0	0.0	100.65
3623	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES 121 - SMPLS MISBRANDED 0 -					99.86

SERVICE AND SUPPLY COOPERATIVE, INC BOWLING GREEN, MO					
2138	18.0-46.0- 0.0	18.3	46.8	0.0	101.72
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 -					101.72

SERVICE AND SUPPLY COOPERATIVE, INC NEW FLORENCE, MO					
1834	0.0- 0.0-62.0	0.0	0.0	61.9	99.84
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 -					99.84

SHAWNEETOWN FEED & SEED CO.		JACKSON, MO			
4019	19.0-19.0-19.0	17.6	19.0	18.2	96.21*
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 -					96.21

A.T. SMITH FERTILIZER & LIME		HINDSVILLE, AR			
3739	46.0- 0.0- 0.0	43.9*	0.0	0.0	95.43*
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 -					95.43

SOUTHEAST COOPERATIVE SERVICE CO		MOREHOUSE, MO			
3893**	21.0- 0.0- 0.0	20.7	0.0	0.0	98.57
4430	46.0- 0.0- 0.0	46.1	0.0	0.0	100.22
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 -					99.80

SUR-GRO PLANT FOOD		PLATTSBURG, MO			
2913	0.0- 0.0-62.4	0.0	0.0	61.7	98.88
2914	0.0- 0.0-62.4	0.0	0.0	62.5	100.16
2853	18.0-46.0- 0.0	17.7	46.8	0.0	100.78
2854	18.0-46.0- 0.0	18.0	46.8	0.0	101.25
2989**	21.0- 0.0- 0.0	20.7	0.0	0.0	98.57
2990**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
2969	34.0- 0.0- 0.0	35.0	0.0	0.0	102.94
2970	34.0- 0.0- 0.0	34.8	0.0	0.0	102.35
2771	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES 16 - SMPLS MISBRANDED 0 -					100.46

TERRA		SIOUX CITY, IA			
3252	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3620	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
4295	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 -					101.08

TNT GENERAL CONTRACTING, INC		KAHOKA, MO			
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 -					94.28

UAP FERTILIZER		ALEXANDRIA, MO			
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 -					101.56

UAP FERTILIZER		PEKIN, IL			
1977	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
2902	0.0- 0.0-60.0	0.0	0.0	61.6	102.67
2448	11.0-52.0- 0.0	12.1	53.4	0.0	103.97
2860	18.0-46.0- 0.0	17.9	45.7	0.0	99.38
2056	33.5- 0.0- 0.0	33.9	0.0	0.0	101.19
2061	33.5- 0.0- 0.0	33.1	0.0	0.0	98.81
2555	33.5- 0.0- 0.0	33.3	0.0	0.0	99.40
4122	33.5- 0.0- 0.0	33.1	0.0	0.0	98.81
2020	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
UAP FERTILIZER		PEKIN, IL			
2547	34.0- 0.0- 0.0	33.7	0.0	0.0	99.12
#TOTALS - NO. SAMPLES 23 - SMPLS MISBRANDED 0 -					100.27
UAP FERTILIZER		ST JOSEPH, MO			
2188	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
4344	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
2197	0.0- 0.0-62.0	0.0	0.0	62.3	100.48
1929	11.0-52.0- 0.0	13.4	51.9	0.0	103.65
2114	11.0-52.0- 0.0	11.2	51.9	0.0	100.16
2116	11.0-52.0- 0.0	11.3	52.0	0.0	100.48
3599	11.0-52.0- 0.0	13.4	51.8	0.0	103.49
4349	11.0-52.0- 0.0	12.0	52.1	0.0	101.75
2222	33.5- 0.0- 0.0	33.0	0.0	0.0	98.51
2215	34.0- 0.0- 0.0	33.0	0.0	0.0	97.06
#TOTALS - NO. SAMPLES 20 - SMPLS MISBRANDED 0 -					100.91

UAP/RICHTER		PLEASANT HILL, IL			
2139	18.0-46.0- 0.0	18.0	46.9	0.0	101.41
2734	33.5- 0.0- 0.0	33.4	0.0	0.0	99.70
2089	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 -					100.90

UNITED SUPPLIERS, INC		ELDORA, IA			
1978	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
2315	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2696	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
2697	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
3541	0.0- 0.0-60.0	0.0	0.0	61.0	101.67
3544	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
3786	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	61.0	101.67
4084	0.0- 0.0-60.0	0.0	0.0	61.5	102.50
4269	0.0- 0.0-60.0	0.0	0.0	60.9	101.50
3862	0.0-46.0- 0.0	0.0	46.0	0.0	100.00
2627	11.0-52.0- 0.0	11.0	52.4	0.0	100.63
1764	18.0-46.0- 0.0	18.0	46.6	0.0	100.94
2645	18.0-46.0- 0.0	17.5	46.0	0.0	99.22
2842	18.0-46.0- 0.0	18.3	46.4	0.0	101.09
3515	18.0-46.0- 0.0	17.8	45.9	0.0	99.53
4250	18.0-46.0- 0.0	17.5	45.1	0.0	97.81
3584**	21.0- 0.0- 0.0	21.1	0.0	0.0	100.48
2581	46.0- 0.0- 0.0	46.4	0.0	0.0	100.87
3462	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3736	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
3905	46.0- 0.0- 0.0	46.5	0.0	0.0	101.09
#TOTALS - NO. SAMPLES 23 - SMPLS MISBRANDED 0 -					100.72

UNITED SUPPLIERS, INC		HENRY, IL			
3645	6.0-24.0-24.0	6.4	24.6	24.7	103.21
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 -					103.21

UNITED SUPPLIERS, INC		ST JOSEPH, MO			
1649	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
1984	0.0- 0.0-60.0	0.0	0.0	60.6	101.00
2187	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
2363	0.0- 0.0-60.0	0.0	0.0	59.6	99.33
2898	0.0- 0.0-60.0	0.0	0.0	60.5	100.83
3126	0.0- 0.0-60.0	0.0	0.0	60.8	101.33
3784	0.0- 0.0-60.0	0.0	0.0	60.4	100.67
4345	0.0- 0.0-60.0	0.0	0.0	60.0	100.00
4412	0.0- 0.0-60.0	0.0	0.0	59.7	99.50
1611	11.0-52.0- 0.0	11.1	52.2	0.0	100.48
1927	11.0-52.0- 0.0	11.5	52.0	0.0	100.79
1928	11.0-52.0- 0.0	10.9	53.4	0.0	102.06
1935	11.0-52.0- 0.0	11.6	52.6	0.0	101.90
2836	11.0-52.0- 0.0	11.1	52.4	0.0	100.79
3756	11.0-52.0- 0.0	12.2	52.1	0.0	102.06
3758	11.0-52.0- 0.0	11.1	52.7	0.0	101.27
4348	11.0-52.0- 0.0	10.7	52.1	0.0	99.68
1634	18.0-46.0- 0.0	17.9	45.8	0.0	99.53
1946	18.0-46.0- 0.0	18.0	46.2	0.0	100.31
1947	18.0-46.0- 0.0	17.8	45.9	0.0	99.53

## BULK DRY FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
UNITED SUPPLIERS, INC		ST JOSEPH, MO			
2127	18.0-46.0- 0.0	17.9	46.6	0.0	100.78
4350	18.0-46.0- 0.0	17.6	45.9	0.0	99.22
4341	33.5- 0.0- 0.0	33.7	0.0	0.0	100.60
1682	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
1683	34.0- 0.0- 0.0	33.0	0.0	0.0	97.06
2211	34.0- 0.0- 0.0	34.5	0.0	0.0	101.47
3589	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
3807	34.0- 0.0- 0.0	34.1	0.0	0.0	100.29
1906	46.0- 0.0- 0.0	46.6	0.0	0.0	101.30
#TOTALS - NO. SAMPLES		48 - SMPLS	MISBRANDED 0	-	100.58
WATERWAY AG INC		METROPOLIS, IL			
3889	34.0- 0.0- 0.0	33.4	0.0	0.0	98.24
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0	-	98.24
WEST CENTRAL AGRISERVICES, LLC		ADRIAN, MO			
1576	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
1602	46.0- 0.0- 0.0	46.2	0.0	0.0	100.43
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0	-	100.62
B A S F CORPORATION		CHICAGO, IL			
4286**	21.0- 0.0- 0.0	21.0	0.0	0.0	100.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0	-	100.00
TRANSAMMONIA INC		TAMPA, FL			
2212	34.0- 0.0- 0.0	34.3	0.0	0.0	100.88
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0	-	100.88

\* 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 35.

# Totals from July 1, 2002.

## 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			
2715**	21.0- 9.5-12.5	20.5	10.2	14.8	103.67
2718**	21.0-21.0- 0.0	19.7	23.0	0.0	101.67
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0	-	102.60
AG COOP SERVICES INC		BOONVILLE, MO			
3492	9.2-23.6-30.1	9.2	23.7	30.2	100.31
2915	10.3-13.7-34.4	9.4	14.4	35.2	100.49
3181	21.5- 8.6-17.2	20.6	8.7	19.1	100.39
3182	21.5- 8.6-17.2	21.1	8.7	17.3	99.35
3183	21.5- 8.6-17.2	20.7	8.8	17.3	98.58
#TOTALS - NO. SAMPLES		10 - SMPLS	MISBRANDED 0	-	99.39
AG COOP SERVICES INC		LA MONTE, MO			
3184**	21.7-11.8-11.8	21.4	13.8	12.0	104.57
3207	25.4- 9.5- 9.5	25.7	9.3	9.1	99.75
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED 0	-	102.38
AG COOP SERVICES INC		OTTERVILLE, MO			
2204**	18.0-14.5-14.5	17.0	15.3	16.6	102.14
4142	29.5- 9.0-13.5	29.8	10.2	13.5	103.31
4143	29.5- 9.0-13.5	29.3	10.1	14.2	102.76
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED 0	-	102.83
AG COOP SERVICES INC		SEDALIA, MO			
4036	4.3-20.7-37.2	4.4	20.8	37.5	100.80
2712	20.3-15.2-15.2	18.7	15.4	17.5	99.42
4106	23.4-11.7-11.7	22.2	12.3	12.9	100.00
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED 0	-	100.27
AG DISTRIBUTORS		CATRON, MO			
3481**	12.3-10.8-29.4	11.4	9.4*	31.6	96.83*
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 1	-	96.83
AG DISTRIBUTORS		DEERING, MO			
4298	41.6- 7.2- 0.0	39.8	9.5	0.0	101.02
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0	-	101.02
AG DISTRIBUTORS		DEXTER, MO			
3471	35.0- 8.0- 8.0	34.1	7.2	10.5	99.04
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0	-	99.34
AG DISTRIBUTORS		DUDLEY, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0	-	100.65
AG DISTRIBUTORS		KENNETT, MO			
4335**	21.2- 4.7-16.4	19.7	5.7	17.7	100.44
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0	-	100.44
AG DISTRIBUTORS		PORTAGEVILLE, MO			
3648	7.0-18.0-36.0	7.8	20.2	36.0	106.98
3629	16.5- 8.2-33.0	15.7	8.0	34.2	99.03
3717**	33.0- 0.0- 0.0	32.7	0.0	0.0	99.09
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 0	-	101.96
AG SVC CTR OF SW MO, INC		CARTHAGE, MO			
3170	19.3- 9.6-19.3	18.7	9.4	20.5	99.48
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0	-	99.48
AG SERVICE CENTER OF SOUTHWEST MO		LOCKWOOD, MO			
2014	17.8-17.8-17.8	16.8	17.7	18.6	98.43
3167	17.8-17.8-17.8	16.9	18.2	18.8	100.00
3189	22.8- 7.6-15.2	22.0	7.9	15.7	99.34
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 0	-	99.25
AG SERVICE CENTER OF SOUTHWEST MO		PIERCE CITY, MO			
2930	17.8-17.8-17.8	16.7	17.8	19.2	99.10
1844	22.8- 7.6-15.2	23.8	8.1	14.1	102.50
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0	-	100.66
AG-LAND, INC		BROOKFIELD, MO			
2835	2.5-13.5-45.5	3.4	16.0	43.8	106.58
2832	5.5-27.0-29.5	6.1	27.4	29.5	102.12

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
AG-LAND, INC		BROOKFIELD, MO			
2920	14.0-21.0-22.0	14.4	25.2	19.3*	107.07
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	1 -	103.65
AGRI ENTERPRISES		LICKING, MO			
3164	17.8-17.8-17.8	16.4	17.6	20.0	98.88
3166	17.8-17.8-17.8	16.3	16.6	21.0	97.53
3172	19.6- 9.8-19.6	17.8	9.4	21.8	97.19
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	97.89
AGRI SERVICES OF LEBANON INC		LEBANON, MO			
3387	23.3-11.6-11.6	24.3	11.2	11.0	100.74
3388	23.3-11.6-11.6	24.0	11.4	11.6	101.23
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.98
AGRISERVICES OF BRUNSWICK, LLC		BRUNSWICK, MO			
2439	5.0-23.9-23.9	5.2	22.3	33.5	108.32
3054	22.9-15.2-15.2	23.4	16.6	14.1	102.95
3055	22.9-15.2-15.2	23.5	16.2	14.3	102.52
2416**	23.4-14.0-14.0	23.7	13.1	13.7	98.31
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED	0 -	101.84
AGRO DISTRIBUTION, LLC		PORTAGEVILLE, MO			
4145	12.0-12.0-35.0	11.8	11.7	35.0	98.80
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.80
AGRO DISTRIBUTION, LLC		SIKESTON, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	99.04
ALLDREDGE FEED & SEED INC		STANBERRY, MO			
4032	8.0-21.0-32.0	8.2	21.3	33.2	102.44
2716	21.0-13.0-13.0	20.6	13.3	14.3	101.36
2730	25.0- 9.0- 9.0	25.5	8.7	8.2	99.48
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	101.16
ARRINGTON AG SERVICE		NEELYVILLE, MO			
3959**	0.0- 7.9-47.3	0.0	7.3	47.8	98.89
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.89
B & B COTTON CO.		CAMPBELL, MO			
3650	6.3-16.1-38.9	6.4	16.6	39.0	101.55
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.55
BACKES & TOELKE AGRI PRODUCTS INC		NEW HAVEN, MO			
2437**	10.0-28.0-22.0	11.4	27.8	23.2	103.67
2537	24.0-10.0-10.0	23.7	10.6	11.8	103.08
2539	25.5- 8.5- 8.5	25.2	8.5	9.9	101.05
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	0 -	101.85
BALL FERTILIZER C/O SMITH BROS		KAHOKA, MO			
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	98.72
BARING FARM SERVICE, INC		BARING, MO			
1794	17.0- 8.6-17.0	16.9	9.2	19.6	105.28
2605	17.0-10.5-17.0	16.4	13.2	20.8	111.11
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	108.27
BARRY COUNTY FARMERS CO-OP		EXETER, MO			
3185	22.5- 7.3-15.0	21.8	7.4	15.8	99.46
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.46
BARRY COUNTY FARMERS CO-OP		STARK CITY, MO			
2962	25.8- 8.4- 8.4	27.1	8.0	8.0	101.82
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.82
BARRY'S ELEVATOR, LLC		CLARENCE, MO			
3649	7.0-19.0-34.0	7.6	17.4	36.4	100.47
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.47
BARTLETT & COMPANY, L.P.		HIGGINSVILLE, MO			
2093**	22.2-14.8-14.8	22.2	14.1	16.0	99.77
2785	27.1- 9.0-18.1	26.6	9.2	18.2	99.45
3044**	27.2-11.3-11.3	26.6	11.1	14.0	101.25

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
BARTLETT & COMPANY, L.P.		HIGGINSVILLE, MO			
3037	29.4-12.3-12.3	29.6	12.4	12.3	100.63
3038	29.4-12.3-12.3	29.1	12.9	12.9	101.25
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED	0 -	100.33
BATESVILLE GRAIN AND FERTILIZER		BROSELEY, MO			
3929	4.9-12.6-43.4	5.3	13.9	42.1	102.68
3647	7.0-18.0-36.0	8.0	20.5	34.3	106.16
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	104.50
BERNIE & FARMERS FERTILIZER		BERNIE, MO			
3496	7.9-20.2-33.6	8.2	20.9	32.8	101.34
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.34
BERNIE & FARMERS FERTILIZER		DUDLEY, MO			
3927	10.0-26.0-26.0	10.2	26.0	26.7	101.12
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.12
BETHMANN FARMS		BELLE, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	107.63
BICHEL SPREADING SERVICE		LEONARD, MO			
3706	25.0- 8.2-10.7	23.9	8.2	11.8	98.57
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	99.06
BOLIVAR FARMERS EXCHANGE		BOLIVAR, MO			
2019	26.1- 8.7- 8.7	26.8	8.7	6.7*	99.23
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	1 -	99.45
BOLLINGER COUNTY CO-OP		MARBLE HILL, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.57
BOYLES FARM SERVICE, INC		FISK, MO			
4433**	28.0- 6.0- 8.0	27.8	8.2	6.8*	103.68
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	103.68
BRASHEAR AG SERVICE		BRASHEAR, MO			
3603	20.5-16.5-20.5	20.2	16.6	21.9	101.06
3604**	24.0-14.0-16.0	22.9	15.4	17.8	102.61
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	101.82
BROWN'S AGRI SERVICE, INC		ROCK PORT, MO			
2617	7.0-33.0-22.0	7.9	32.2	23.4	101.57
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	101.50
BRUMBAUGH INC		TAYLOR, MO			
2946	22.0-12.6-12.6	22.1	13.6	12.7	102.81
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	102.45
BUTTERFIELD & ASSOCIATES GRAIN, INC		MEADVILLE, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	104.76
CAMERON COOP ELEVATOR ASSN		CAMERON, MO			
3282	10.0-26.0-26.0	10.2	26.1	26.8	101.43
3175	20.0-13.5-13.5	21.8	10.6*	12.4	95.90*
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	1 -	99.13
CANTERBURY FARM CENTER		WELLSVILLE, MO			
3360	14.3-22.4-22.4	13.2	21.1	24.5	97.18
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	97.18
CARNEAL FARM SUPPLY, INC		BLAIRSTOWN, MO			
2435**	12.0-21.2-21.2	12.0	21.0	21.2	99.54
2522	15.3-20.4-20.4	15.2	22.0	20.3	103.16
2528	19.6-15.7-15.7	18.5	15.1	17.7	98.38
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	100.41
CENTRAL ELEVATOR, INC (OLNEY)		SILEX, MO			
3501	6.4-19.6-19.6	7.1	17.9	20.4	98.32
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	98.45

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
CENTRAL ELEVATOR INC		SILEX, MO			
4267	0.0-23.6-23.6	0.0	25.0	23.7	104.10
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		104.10
CENTRAL MISSOURI AGRISERVICE LLC		BLACKBURN, MO			
3285	5.1-24.0-33.6	4.9	23.0	35.2	99.13
2784	29.4-11.8-11.8	28.2	12.7	13.1	100.74
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED 0 -		98.98
CENTRAL MISSOURI AGRI SERVICE LLC		MALTA BEND, MO			
3433**	29.7-11.0-11.0	29.4	11.8	11.6	101.73
3261**	38.8- 6.3- 0.0	39.7	7.0	0.0	103.55
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED 2 -		98.96
CENTRAL MISSOURI AGRISERVICE LLC		MARSHALL, MO			
3263	27.6-11.0-14.7	30.4	10.2	12.8*	102.29
3264	27.6-11.0-14.7	29.8	10.6	13.3	102.39
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED 1 -		101.05
CENTRAL MISSOURI AGRISERVICE LLC		SLATER, MO			
4034	6.9-17.7-38.5	6.4	15.8*	40.5	96.81*
4030	8.9-22.7-31.7	8.7	22.2	32.4	99.26
2408	31.8-10.6-10.6	32.6	10.7	9.4*	100.63
2409	31.8-10.6-10.6	31.5	10.5	11.2	99.79
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED 2 -		99.75
CIRCLE K FARM SUPPLY, INC		SEYMOUR, MO			
3362	17.0-17.0-17.0	17.6	17.6	18.6	104.71
3378	22.0-11.0-11.0	24.0	11.2	11.5	106.36
3379	22.0-11.0-11.0	22.6	12.9	11.8	107.53
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 0 -		106.15
CLEVER MILL & SUPPLY INC		CLEVER, MO			
3555	16.5-13.4-13.1	16.5	12.9	13.7	99.45
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		99.45
CO-OP SERVICE CENTER INC		JACKSON, MO			
4379	7.0-18.0-35.0	7.1	17.7	35.6	100.24
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0 -		101.67
CO-OP SERVICE CENTER INC - MCBRIDE		JACKSON, MO			
2952	23.0- 8.0-14.0	22.0	8.1	15.8	100.00
2787	27.0-10.0-16.0	26.4	12.0	16.7	103.89
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0 -		102.10
CO-OP SERVICE CENTER INC -STE GENEV		JACKSON, MO			
2889	0.0-15.0-40.0	0.0	16.0	40.4	103.43
4015	27.0-18.0- 9.0	26.5	17.2	11.9	100.30
2780	31.0- 8.0-12.0	31.3	9.2	12.7	104.11
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED 0 -		102.03
CO-OP SERVICE CENTER INC		WHITEWATER, MO			
4403	0.0-23.0-29.0	0.0	24.2	29.5	103.87
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		103.87
CONSUMERS OIL COMPANY, INC		MARYVILLE, MO			
2709	18.0-15.0-15.0	19.0	14.2	14.9	100.37
2932	18.0-15.0-15.0	17.7	15.5	17.0	102.96
2094	22.0-16.0-16.0	22.6	15.2	17.8	101.52
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED 0 -		102.04
CONSUMERS OIL & SUPPLY CO		BRAYMER, MO			
1924	5.0-24.0-32.0	4.4*	21.9*	35.4	97.78
3804	24.0- 9.0- 9.0	23.5	10.4	11.6	105.87
1914	26.0-13.0-13.0	24.9	13.9	14.0	100.66
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 1 -		101.17
COOP ASSN #130		RHINELAND, MO			
3046	27.0-13.5-13.5	26.3	13.9	15.4	101.38
3047	27.0-13.5-13.5	25.5	15.0	15.2	101.80
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0 -		101.58

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
COOP ASSN #2 - MARTHASVILLE		WASHINGTON, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		97.63
COOPER FARM SUPPLY INC		SUMMERSVILLE, MO			
3148	11.9-23.8-23.8	12.2	24.2	24.0	101.68
3171	19.5- 9.7-19.5	20.2	9.6	19.3	101.28
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0 -		101.50
CRAIG SUPPLY		CRAIG, MO			
3355	3.0- 9.0- 9.0	3.5	10.3	9.1	111.21
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		111.21
CROP PRODUCTION SERVICES		WESTBORO, MO			
3284**	6.5-32.0-20.0	6.6	29.8*	21.8	97.53
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED 3 -		98.74
CROP PRODUCTION SERVICES		PARIS, MO			
2334	21.1-12.7-12.7	21.3	12.8	12.7	100.75
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 1 -		102.63
D & S FERTILIZER & PROPANE INC		CLINTON, MO			
2332	20.0-15.0-15.0	18.5	15.3	17.6	100.24
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		100.24
DALLAS COUNTY FARMERS EXCHANGE		BUFFALO, MO			
2531	21.2-14.1-14.1	21.3	14.9	13.2	101.06
2540	25.7- 8.5- 8.5	26.0	9.5	7.5*	102.08
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 1 -		101.54
DALLAS COUNTY FARMERS EXCH-URBANA		BUFFALO, MO			
2526	17.8-17.8-17.8	19.3	17.0	15.6*	99.10
2541	26.1- 8.7- 8.7	28.0	7.0*	7.0*	98.34
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 2 -		98.74
DAVIS FERTILIZER CO		GRAHAM, MO			
3393	24.5-10.0-10.0	23.9	9.6	12.2	100.25
3400	26.5-10.5- 6.5	26.8	10.1	6.7	100.00
3403	26.5-20.0- 0.0	27.5	19.0	0.0	100.00
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 0 -		100.07
DEBRUCE AG SERVICE, INC		DEARBORN, MO			
3283**	8.5-22.0-26.5	8.2	21.9	28.5	101.37
2729	24.5-10.5-10.5	24.9	10.1	10.4	99.88
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 0 -		100.15
DEERFIELD GRAIN		DEERFIELD, MO			
2524	17.8-17.8-17.8	33.6	0.4*	0.1*	76.52*
2530	20.2-15.1-15.1	20.2	14.2	15.6	98.48
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 1 -		91.99
DELTA GROWERS ASSOCIATION		CHARLESTON, MO			
4300	26.5-14.1-14.1	26.2	13.6	15.7	100.00
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0 -		102.21
DELTA GROWERS ASSOC-EAST PRAIRIE		CHARLESTON, MO			
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0 -		99.66
DELTA GROWERS ASSOCIATION-MATTHEWS		MATTHEWS, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		98.83
DELTA GROWERS ASSOCIATION-KEWANEE		KEWANEE, MO			
3634**	10.2- 9.8-31.5	10.0	10.1	32.5	101.68
3630	16.5- 6.6-33.0	16.9	6.9	32.6	101.26
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED 0 -		104.95
DELTA SUPPLY INC		DELTA, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		105.17
DICKEY FARM SUPPLY INC		BELGRADE, MO			
2407	32.0-23.0- 0.0	31.5	22.8	0.0	98.73
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		98.73

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
DISHMAN FERTILIZER					
		HELENA, MO			
2721	22.5-11.0-11.0	21.5	11.1	13.8	101.28
4013	30.5-10.5-10.5	30.5	12.2	10.8	104.00
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 102.75					
DISSEN FARM SUPPLY					
		NEW HAVEN, MO			
4237	6.0-15.5-38.0	6.6	17.7	37.7	106.54
2535	22.5-11.5-11.5	22.7	11.8	12.3	102.26
2411	30.5-10.5-10.5	30.7	10.8	11.7	102.38
2410	31.5-10.0-10.0	32.0	10.3	10.5	102.26
#TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 0 - 103.10					
DIXON FERTILIZER SERVICE					
		HAMILTON, MO			
3800	19.5-14.5-14.5	20.6	14.4	14.0	101.82
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.82					
DONLEY FEED & FERTILIZER					
		THORNFIELD, MO			
2536	23.4-11.7-11.7	22.9	11.3	12.4	98.66
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.66					
DUNCAN AGRI SERVICE INC					
		SAVANNAH, MO			
3116	4.0-11.0-14.0	4.2	10.8	16.0	104.55
3361	16.0- 7.0- 4.0	18.2	8.1	4.2	113.60
3884	22.0-20.0- 6.0	24.9	18.2	5.0*	101.33
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 1 - 105.43					
G C DUNN & SONS, INC					
		MIDDLETOWN, MO			
3076	8.5-21.9-32.9	8.0	21.4	34.3	99.36
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 98.73					
ED HELMREICH FERTILIZER & FARM					
		BOONVILLE, MO			
4377	15.0-13.5-29.5	15.3	13.3	29.6	100.35
2782	29.7-11.7-11.7	29.2	11.9	13.8	101.59
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 1 - 100.37					
EOLIA FERTILIZER					
		EOLIA, MO			
4035	4.5-11.5-15.0	4.6	12.2	14.5	102.34
3805	25.5- 9.3- 9.3	24.6	9.6	10.0	99.37
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.31					
EX-CEL MILLING, INC					
		SYRACUSE, MO			
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.63					
FARMERS COOPERATIVE SERVICES, INC					
		EWING, MO			
4327	0.0-18.0-36.0	0.0	21.4	35.0	108.06
3562	23.0-11.0-11.0	22.3	12.6	12.5	104.18
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 105.32					
FARMERS COOPERATIVE SERVICES, INC					
		NEW LONDON, MO			
3565	25.0- 8.0-10.0	22.6*	7.8	14.8	99.47
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 1 - 100.55					
FARMERS COOPERATIVE SERVICES, INC					
		PALMYRA, MO			
2830	8.0-22.0-30.0	8.8	23.1	31.0	105.33
4104	23.0- 8.0-11.0	24.4	8.1	12.3	105.89
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 1 - 103.86					
FARMERS COOPERATIVE SERVICES, INC					
		HANNIBAL, MO			
2953	23.0-11.0- 8.0	23.3	13.8	9.8	110.53
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 110.53					
FARMERS ELEVATOR & EXCHANGE CO					
		MONROE CITY, MO			
3533	6.0-21.0-33.0	7.7	19.0	34.5	101.03
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.60					
FARMERS ELEVATOR AND SUPPLY CO.					
		CLINTON, MO			
3363	17.5-17.5-17.5	19.0	16.0	15.1*	97.26
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 1 - 102.21					
FARMERS ELEVATOR & SUPPLY CO., INC					
		HAWK POINT, MO			
3117	28.1-12.9-12.9	27.1	13.7	14.7	101.48
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.48					

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
FARMERS AG CENTER					
		MOUNTAIN GROVE, MO			
3157	17.7-17.7-17.7	18.7	17.2	16.7	100.00
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.00					
FARMERS PRODUCE EXCHANGE-CONWAY					
		LEBANON, MO			
3705**	19.5- 6.5-19.4	19.6	6.4	19.1	99.58
3975	22.8- 7.6-15.2	23.5	7.6	14.0	100.26
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.93					
FARMERS PRODUCE EXCHANGE-GROVESPRING					
		LEBANON, MO			
3556	17.8-17.8-17.8	19.2	16.0*	17.2	98.43
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 98.43					
FARMERS PRODUCE EXCHANGE-LEBANON					
		LEBANON, MO			
3389	23.4-11.7-11.7	24.3	12.0	9.9*	100.73
3401	27.0- 7.7- 7.7	27.8	7.3	7.0	100.13
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 1 - 100.44					
FOWLER ELEVATOR, INC					
		UNIONVILLE, MO			
2821	10.0-26.0-26.0	9.4	24.9	28.8	99.39
2922	17.0-17.0-17.0	17.5	18.6	18.0	106.12
3195	23.0-11.5-11.5	21.1	11.2	15.2	99.13
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 101.48					
GAGE'S FERTILIZER & GRAIN, INC					
		ALBANY, MO			
2723	22.5-11.0-11.0	21.1	11.6	14.1	101.92
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.92					
GAGE'S FERTILIZER & GRAIN INC					
		STANBERRY, MO			
2625	2.5-13.5-45.5	3.5	12.8	44.0	98.84
2706	16.9-16.9-16.9	15.6	15.3	18.8	95.38*
2722	22.5-11.0-11.0	21.1	11.7	14.4	102.56
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 1 - 98.83					
GARD CROP SERVICE					
		PALMYRA, MO			
2921	16.3-14.2-22.4	14.2*	14.6	25.4	99.52
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 3 - 97.96					
GLASGOW MFA					
		GLASGOW, MO			
2440	4.5-21.5-29.5	4.7	20.3	31.2	99.63
1740	4.0-21.0-34.5	4.6	21.1	35.8	103.20
1741	4.0-21.0-34.5	4.7	21.6	35.5	104.26
3286**	5.0-25.0-24.0	5.6	25.8	23.8	103.10
3287	5.0-25.0-24.0	5.5	25.0	24.8	102.14
2521	14.5-19.5-19.5	15.2	20.0	19.4	102.63
3397	25.0- 8.5- 8.0	25.2	9.3	8.1	102.80
#TOTALS - NO. SAMPLES 13 - SMPLS MISBRANDED 0 - 101.71					
GOOD EARTH, INC					
		BONNE TERRE, MO			
2888	6.0-24.0-24.0	5.6	23.2	25.3	98.69
2887	12.9-36.7- 8.6	13.6*	39.7*	9.2*	46.32*
2801	17.0-17.0-17.0	16.8	17.0	16.4	98.82
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 1 - 102.13					
GOUGH CROP SERVICE/UAP RICHTER					
		PERRY, MO			
3489	11.0-28.0-22.0	10.7	27.6	24.2	100.80
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 1 - 100.27					
TOM GRAY FARM SERVICE INC.					
		FAIRDEALING, MO			
3557	18.0-18.0-18.0	17.8	17.5	18.1	98.56
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 101.30					
TOM GRAY FARM SERVICE, INC					
		NAYLOR, MO			
3690	0.0-10.0-26.6	0.0	10.3	11.8*	69.53*
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 69.53					
GREAT WESTERN AG					
		BUTLER, MO			
1737	8.0-21.0-28.0	8.1	20.8	29.2	101.16
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 2 - 96.87					
GREGORY FARMS					
		EOLIA, MO			
3566	25.3- 8.4- 8.4	25.7	9.5	9.2	105.01

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
GREGORY FARMS EOLIA, MO					
4063	28.9-11.5-11.5	28.3	11.8	14.4	102.49
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 102.24					
GRO-MOR FERTILIZER INC WEST PLAINS, MO					
3173	19.7- 9.8-19.7	19.6	9.2	19.7	98.22
3180	21.0-14.0-14.0	21.5	13.1	15.0	100.24
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.26					
GUIER CHEMICAL & FERTILIZER HOUSTONIA, MO					
2726	23.0-12.0-12.0	21.7	11.8	15.1	100.12
2727	23.0-12.0-12.0	20.9*	11.2	16.2	98.05
3392**	24.0- 8.0-12.0	21.8*	8.6	14.4	98.95
#TOTALS - NO. SAMPLES 6 - SMPLS MISBRANDED 4 - 98.25					
HANNIBAL BOARD OF PUBLIC WORKS HANNIBAL, MO					
3776	0.5- 0.5- 0.0	1.2	1.0	0.0	220.00
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 220.00					
HARTVILLE MILLING CO HARTVILLE, MO					
3554	15.4-15.4-23.2	15.7	14.4	24.3	99.65
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.65					
HAWK FERTILIZER, LLC BOLIVAR, MO					
2013	17.7-17.7-17.7	18.0	17.2	17.7	99.55
3806	26.1- 2.0-12.5	26.9	1.8	11.8	100.73
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.06					
HEATH & SON FEED & SUPPLY, INC AVA, MO					
3563	23.0-11.0-11.0	23.9	10.8	11.3	102.15
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.15					
HEETCO FARM CENTER LA BELLE, MO					
3497	7.5-20.5-32.5	8.3	21.4	32.6	103.95
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 101.31					
HEIMAN INC ROCKVILLE, MO					
3651	6.0-17.0-36.0	6.8	17.2	38.8	105.85
1667	20.0-14.0-14.0	20.9	13.9	15.1	103.29
3628	20.0-16.0-16.0	19.8	17.5	20.3	107.84
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 0 - 103.76					
HEIMAN AGRI-SERVICES, INC BUTLER, MO					
3040	9.0-23.0-29.0	8.6	21.6	32.7	100.11
3074	28.0-13.0-12.0	27.9	13.4	13.6	102.34
3032	33.0- 7.0- 7.0	34.1	7.4	10.3	107.24
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 0 - 104.78					
HEIMSOTH AG SERVICE COLE CAMP, MO					
2594	25.0-10.0-20.0	23.8	9.5	22.4	98.89
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.89					
HEIMSOTH AGRI SERVICE INC CORDER, MO					
1730	27.0-10.4-15.6	27.3	10.2	16.0	100.66
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 1 - 100.00					
HELENA CHEMICAL COMPANY HAYTI, MO					
4297**	41.0- 0.0- 0.0	39.2	0.0	0.0	95.61*
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 95.61					
HELENA CHEMICAL CO NEW MADRID, MO					
3633	10.9-16.3-32.7	10.9	16.2	33.6	100.80
3631**	13.6- 0.0-32.6	13.7	0.0	32.1	99.50
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 102.39					
HENSON FARM SUPPLY WILLIAMSVILLE, MO					
3073	9.0-23.0-30.0	8.6	22.7	31.3	99.89
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 101.90					
HILLER CUSTOM SPREADING HOUSTONIA, MO					
2713	20.4-13.6-13.6	19.7	12.9	13.0	95.83*
3560	21.0-14.0-14.0	20.5	15.0	14.7	102.02
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 1 - 100.12					

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
HOELSCHER FERTILIZER & LIME HUMANSVILLE, MO					
2250**	10.4-19.1-26.8	10.3	18.0	27.5	98.02
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.02					
HOFF BROTHERS, INC PERRYVILLE, MO					
2797	19.5-19.5-19.5	19.6	18.7	20.4	99.49
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.49					
HOFFMAN & REED, INC TRENTON, MO					
1923	5.5-11.5-18.5	2.8*	12.3	19.3	94.29*
3208	25.8- 6.5- 9.5	24.8	6.5	10.8	99.06
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 1 - 97.07					
HOPKINS SEED & CHEMICAL INC QULIN, MO					
3653	4.0-12.0-24.0	2.0*	4.5*	38.1	91.25*
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 91.25					
HUMPHREY FEED & SEED MONTICELLO, MO					
3500	7.0-19.0-34.0	7.3	19.2	34.9	102.21
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 103.00					
JAMES AGRI CENTER, INC NEELYVILLE, MO					
3958	0.0-23.0-30.0	0.0	23.9	29.5	101.71
3912**	33.0- 0.0- 0.0	32.7	0.0	0.0	99.09
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.49					
JAMIESON FERTILIZER & FARMS BOWLING GREEN, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.59					
JOHNSON FEED STORE PIEDMONT, MO					
3150	17.0-17.0-17.0	18.3	17.1	17.6	104.00
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 104.00					
JONES BROS. AGRI SERVICE, LLC LA MONTE, MO					
3205	25.0-10.0-10.0	24.1	10.2	10.4	98.75
3625	27.0-11.5-15.5	25.8	11.9	18.1	101.08
3626	27.0-11.5-15.5	25.0	12.2	18.8	100.76
3627	27.0-11.5-15.5	25.9	11.7	17.8	100.54
4011	37.0- 7.0- 4.0	36.6	7.8	4.6	101.52
#TOTALS - NO. SAMPLES 7 - SMPLS MISBRANDED 0 - 100.69					
KEENEY FERTILIZER SERVICE, INC OWENSVILLE, MO					
3052	24.5- 9.5-19.5	24.2	10.1	21.1	102.51
3053	24.0-16.0-16.0	23.9	16.7	16.3	101.56
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 102.01					
KELSO MILLING CO SCOTT CITY, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.97					
KEN-MO AGRICULTURE CENTER, INC KENNETT, MO					
4299**	21.0- 0.0-20.0	22.0	0.0	18.8	101.29
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.29					
KERR GRAIN & SEED, INC MEMPHIS, MO					
1742	4.0-19.4-38.8	4.1	18.7	38.8	98.60
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.60					
KINDER PLANT FOOD LICKING, MO					
2931	17.8-17.8-17.8	17.3	18.6	18.2	101.12
3165	17.8-17.8-17.8	17.6	17.8	17.8	99.55
3177	20.3- 6.7-20.3	20.9	6.8	19.3	100.54
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.39					
KOTTWITZ FERT. CO. OSCEOLA, MO					
2018	23.3-11.6-11.6	21.6	11.8	13.9	99.14
1911	26.8-13.4-12.8	26.6	12.7	15.0	100.43
1910	27.2-13.6-13.6	26.7	12.9	15.7	99.68
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 99.77					
LEBANON FARM CENTER LEBANON, MO					
3372	18.0- 6.0-18.0	20.8	6.3	18.8	110.61
3373	20.0- 7.0-20.0	20.6	7.2	19.3	101.22
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 105.64					

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
LEGRAND FERTILIZER		POPLAR BLUFF, MO			
3957	3.9-13.9-41.8	4.2	14.5	42.9	103.75
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		103.74
LEETON ELEVATOR, INC		LEETON, MO			
2533	22.0-14.0- 9.0	20.8	14.6	11.9	102.10
2534	22.0-14.0- 9.0	21.0	15.0	11.7	103.33
2418	22.0-17.0-17.0	21.7	17.8	18.1	102.21
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 0 -		102.52
LINCOLN COUNTY FARMERS COOP, INC		TROY, MO			
3043	27.3-13.6-13.6	27.0	13.1	15.4	100.21
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 0 -		100.73
LITRELL FEED & SEED, INC		THOMPSON, MO			
4303	2.0-10.0- 7.0	2.1	7.1*	6.8	81.29*
3066**	5.0- 1.0- 0.0	4.8	1.2	0.0	100.00
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 1 -		86.51
LOGANBILL FERTILIZER INC		VERSAILLES, MO			
2600	22.1-11.0-22.1	21.3	10.4	25.0	100.11
2724	23.0-11.2-11.2	21.6	11.6	14.5	101.63
2596**	25.0-12.1-12.1	24.8	10.9	15.4	100.58
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 0 -		100.74
LOHMAN PRODUCERS EXCHANGE		LOHMAN, MO			
3063	15.5-12.5-25.0	14.5	12.5	26.2	99.01
3390	23.5-11.0-11.0	22.8	12.2	12.6	103.25
3398	26.0- 8.5- 8.5	24.2	9.6	10.4	100.65
3399	26.0- 8.5- 8.5	25.0	7.6*	10.8	98.06
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED 1 -		100.25
LOWRY CITY FARMERS EXCHANGE/		LOWRY CITY, MO			
1912	26.0-18.6-11.1	25.7	18.8	12.5	101.20
1913	26.0-18.6-11.1	25.1	19.2	12.6	100.90
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 0 -		102.14
MARSHFIELD MILLS INC		MARSHFIELD, MO			
2939	20.2- 6.7-20.2	19.7	7.0	20.3	99.59
3198	23.4-11.7-11.7	21.4	11.0	14.6	96.95*
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 1 -		98.20
MARTHASVILLE AG CENTER, INC		MARTHASVILLE, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		99.02
MEDOC VALLEY, INC		ORONOGO, MO			
1738**	6.7-17.3-28.1	5.9*	15.4*	29.2	94.35*
1739	6.7-17.3-28.1	6.0*	15.2*	29.1	93.96*
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 3 -		95.05
MESMER FERTILIZER		BETHEL, MO			
2917	12.5-12.5-29.0	12.7	12.3	30.8	102.28
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 1 -		101.07
METZ GRAIN - HARWOOD		HARWOOD, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		101.42
METZ GRAIN - JASPER		JASPER, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		100.21
METZ GRAIN-METZ		METZ, MO			
3493	9.0-23.0-30.0	9.1	23.1	30.0	100.43
3491	10.2-26.0-26.0	9.9	25.2	27.6	99.39
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 0 -		99.51
METZ GRAIN - SHELDON		SHELDON, MO			
4304	9.0-23.0-30.0	8.9	22.7	31.1	100.32
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0 -		99.23
MFA AGRI SERVICES		ADVANCE, MO			
3534	0.0-17.4-37.2	0.0	19.2	37.4	105.28
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0 -		103.91

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA AGRI SERVICES		ALBANY, MO			
2704	14.5- 7.0- 7.0	14.0	6.3	9.6	100.40
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		100.40
MFA AGRI SERVICES - ALMA		HIGGINSVILLE, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED 0 -		98.57
MFA AGRI SERVICES		ASH GROVE, MO			
3371	17.8-17.8-17.8	18.4	17.4	17.3	99.89
3380	22.8- 7.6-15.2	23.8	8.6	13.0*	102.37
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 1 -		101.03
MFA AGRI SERVICES		AURORA, MO			
3381	22.8- 7.6-15.2	23.7	7.8	13.6*	100.79
3382	22.8- 7.6-15.2	23.8	7.9	13.5*	101.18
3801	22.8- 7.6-15.2	23.2	7.6	14.3	99.87
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 2 -		100.61
MFA AGRI SERVICES		AVA, MO			
3364	17.7-17.7-17.7	17.5	16.7	19.2	98.98
3365	17.7-17.7-17.7	17.7	17.1	18.4	99.44
3375	20.5- 5.1-20.5	21.2	5.0	19.4	100.14
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 0 -		99.47
MFA AGRI SERVICES		BENTON, MO			
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0 -		100.06
MFA AGRI SERVICES		BERNIE, MO			
3494	9.0-23.0-30.0	7.8*	20.3*	34.1	96.06*
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 1 -		97.92
MFA AGRI SERVICES		BOONVILLE, MO			
2827	9.0-23.1-30.8	8.4	22.3	33.4	99.79
2110	9.0-23.0-31.0	8.9	22.5	32.1	99.89
2826	9.0-23.0-31.0	8.6	22.9	32.8	100.84
2819	10.3-26.4-26.4	10.3	27.0	27.5	102.30
3561	22.8- 8.6-14.3	22.5	8.0	15.4	99.09
#TOTALS - NO. SAMPLES		10 - SMPLS	MISBRANDED 1 -		99.59
MFA AGRI SERVICES		BROOKFIELD, MO			
2423	18.5-18.5-18.5	18.5	18.2	19.7	100.65
4422	24.5- 0.0-16.0	24.2	0.0	16.5	99.85
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED 0 -		99.71
MFA AGRI SERVICES		BROWNING, MO			
3058	17.5-22.0-17.5	16.8	22.4	18.5	100.41
2419	22.0-11.0-22.0	22.0	10.3	22.8	99.32
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED 0 -		99.89
MFA AGRI SERVICES		BURLINGTON JCT, MO			
2604**	8.5-11.0-35.5	9.0	11.5	34.9	101.88
3601	12.2-24.4-24.5	12.1	24.1	25.9	100.61
3605	24.8-16.5-14.4	24.6	17.5	14.7	101.96
3606	34.8- 8.0- 8.0	34.7	8.4	8.8	101.50
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED 0 -		101.34
MFA AGRI SERVICES		CABOOL, MO			
3161	17.8-17.8-17.8	17.4	15.8*	18.8	95.73*
3169	19.0-12.6-19.0	18.9	12.2	19.4	99.27
3178	20.3- 6.7-20.3	21.0	6.3	20.0	100.40
3210	23.7-29.6- 0.0	23.8	26.2*	0.0	93.81*
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED 2 -		96.96
MFA AGRI SERVICES		CALIFORNIA, MO			
3079**	4.3-11.2-44.8	4.0	10.6	46.3	99.60
3080**	4.3-11.2-44.8	4.0	10.1	46.2	98.15
2421	19.6-19.5-19.5	18.6	19.2	20.8	98.67
3051	24.7-12.4-18.5	25.0	11.9	19.6	100.76
2414	25.1-10.1-19.9	24.7	10.0	20.4	99.45
3049	25.4-15.2-15.2	25.7	13.7	16.8	99.17
4376	26.3-14.5-14.6	26.9	13.8	15.1	100.31
1603	27.4-13.7-13.7	27.9	13.8	14.1	101.67
3042	27.8-13.4-13.4	27.9	12.2	14.5	98.85



## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA AGRI SERVICES CALIFORNIA, MO					
2406	36.3- 0.0-13.0	37.4	0.0	12.4	101.87
#TOTALS - NO. SAMPLES 10 - SMPLS MISBRANDED 0 - 99.86					
MFA AGRI SERVICES CANTON, MO					
4102	20.8- 8.3-18.3	21.4	7.2*	18.8	99.35
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 1 - 100.17					
MFA AGRI SERVICES CARYTOWN, MO					
1735	19.3-19.3-19.3	19.0	19.0	20.3	99.79
1845	23.3-11.6-11.6	23.6	11.8	11.5	101.11
1726	31.5-10.5-10.5	31.5	10.3	11.1	100.21
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.33					
MFA AGRI SERVICES CENTRALIA, MO					
3072	9.1-23.3-31.0	9.2	24.1	29.7	100.52
4315	25.1- 8.4- 8.5	24.8	8.1	8.8	98.81
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 99.55					
MFA AGRI SERVICES CHAFFEE, MO					
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 102.33					
MFA AGRI SERVICES CHAMOI, MO					
3151	17.5-14.0-21.0	18.4	12.8	20.8	99.05
3913	30.0- 7.5-15.0	29.0	7.4	17.2	100.00
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.54					
MFA AGRI SERVICES COLE CAMP, MO					
1604	24.2-16.1-16.1	24.0	16.8	16.5	101.45
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.46					
MFA AGRI SERVICES CONCEPTION JCT, MO					
2834	4.5-23.0-30.5	5.3	24.8	29.4	104.80
2956	24.0- 9.5- 9.5	25.0	10.6	9.3	105.23
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 102.57					
MFA AGRI SERVICES CROCKER, MO					
2925	17.5-17.5-17.5	17.7	18.1	17.7	102.06
2927	17.5-17.5-17.5	17.7	17.7	17.9	101.37
2943	21.0-14.0-14.0	21.3	14.3	14.3	101.79
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 101.73					
MFA AGRI SERVICES ELSBERRY, MO					
3532	0.0-26.0-26.0	0.0	27.6	26.1	104.23
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 101.14					
MFA AGRI SERVICES ESSEX, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 115.38					
MFA AGRI SERVICES FAIRFAX, MO					
3652	5.9-27.8-27.8	6.0	27.3	28.9	100.32
3377	21.5-12.0-12.0	21.5	12.7	13.0	103.04
3384	23.0-10.0-10.0	23.5	11.2	11.0	105.79
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 0 - 101.77					
MFA AGRI SERVICES FARMINGTON, MO					
2799	19.0-19.0-19.0	17.6	20.2	21.8	102.53
2790	26.5- 8.5-17.5	28.4	8.3	16.8	103.09
2862	27.0-13.5-13.5	26.5	14.7	14.6	102.65
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 102.74					
MFA AGRI SERVICES FREEBURG, MO					
3179	21.0-14.0-14.0	21.8	13.5	13.9	100.60
3194	23.0-11.5-11.5	23.5	11.6	11.8	101.86
3196	23.0-11.5-11.5	23.5	10.9	12.0	100.37
3564	23.0-11.5-11.5	22.1	11.6	13.1	100.00
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 100.70					
MFA AGRI SERVICES FULTON, MO					
2710	18.5-13.5-18.5	18.1	14.3	18.6	101.09
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.09					

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA AGRI SERVICES GUILFORD, MO					
3600	5.9-28.0-28.0	6.4	29.0	27.0	102.09
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 101.08					
MFA AGRI SERVICES HANNIBAL, MO					
3490	10.3-26.4-26.4	9.6	25.0	28.8	98.20
2958	24.4- 4.1-14.2	23.1	4.3	16.8	100.56
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 99.36					
MFA AGRI SERVICES HIGGINSVILLE, MO					
1736**	9.2-21.6-21.5	9.8	20.8	21.7	99.76
3067**	12.1-21.3-21.4	12.2	20.0	22.2	98.19
1731	27.0-11.6-15.4	26.4	10.7	17.2	98.70
2372	27.2-13.6-13.6	28.1	14.2	12.5	102.00
3260**	40.0- 0.0- 0.0	40.6	0.0	0.0	101.50
#TOTALS - NO. SAMPLES 11 - SMPLS MISBRANDED 0 - 100.16					
MFA AGRI SERVICES IANTHA, MO					
1733	22.3-11.1-22.3	22.5	10.8	22.7	100.22
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 99.02					
MFA AGRI SERVICES IRWIN, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.14					
MFA AGRI SERVICES JACKSON, MO					
4423	26.0- 8.7- 8.7	24.4	9.1	10.7	99.49
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.69					
MFA AGRI SERVICES JEFFERSON CITY, MO					
2802**	13.6-14.5-29.8	12.9	14.1	30.9	98.72
2800	18.5- 9.0- 9.0	17.8	9.6	10.8	102.50
2786	27.0- 8.0-18.5	26.2	7.9	20.5	100.23
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 99.84					
MFA AGRI SERVICES KAHOKA, MO					
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 2 - 97.57					
MFA AGRI SERVICES KIRKSVILLE, MO					
2926	17.5-17.5-17.5	17.0	18.9	18.7	103.43
2935	19.5- 9.5-19.5	19.5	9.6	21.4	102.71
2936	19.5- 9.5-19.5	18.9	10.7	19.8	101.94
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 2 - 101.21					
MFA AGRI SERVICES LABELLE, MO					
4074	0.0-20.6-34.3	0.0	21.6	34.4	102.78
3470	38.6- 0.0- 9.8	38.6	0.0	10.8	101.15
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 100.00					
MFA AGRI SERVICES LADDONIA, MO					
2415	24.2-16.2-16.2	24.3	16.0	16.3	99.90
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 98.56					
MFA AGRI SERVICES LA PLATA, MO					
3199	23.5- 8.5-12.5	21.3*	8.6	17.3	100.78
3200	23.5- 8.5-12.5	21.6	9.0	16.2	101.18
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 1 - 100.98					
MFA AGRI SERVICES LAWSON, MO					
3366	17.7-17.7-17.7	16.8	16.9	20.3	99.10
4098	18.0-10.0-18.0	17.5	10.5	19.6	102.16
4108	24.0-10.0-10.0	22.8	11.8	11.9	103.97
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 101.62					
MFA AGRI SERVICES LEXINGTON, MO					
2833**	4.6-21.9-32.9	4.9	22.0	33.2	101.28
2792	26.0- 6.9-20.8	25.4	5.3*	22.8	97.23
2781**	29.8- 9.9- 9.9	29.2	9.8	10.0	98.54
2779**	30.6-10.2-10.2	29.3	10.3	12.2	99.56
3472**	31.2-10.4-10.4	31.2	9.6	12.0	100.00
3473**	31.2-10.4-10.4	30.6	10.1	12.1	99.89
3474**	31.2-10.4-10.4	30.5	9.8	12.3	99.25
#TOTALS - NO. SAMPLES 7 - SMPLS MISBRANDED 1 - 99.40					

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA AGRI SERVICES LINEVILLE, IA					
3592	15.0-23.0-20.0	15.7	21.4	19.9	98.02
3602	20.5-15.5-20.5	20.5	15.8	21.7	101.95
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.94					
MFA AGRI SERVICES LOCKWOOD, MO					
3188	22.8- 7.6-15.2	22.9	8.0	14.3	100.13
3204	24.5-20.4- 4.1	24.6	19.4	4.7	98.72
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.35					
MFA AGRI SERVICES LOUISIANA, MO					
3742	23.5-14.0-18.8	23.0	15.6	18.8	102.35
4017	24.7-17.6-14.1	23.8	19.7	13.9	102.23
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 102.25					
MFA AGRI SERVICES MACON, MO					
1606	1.5- 8.0-16.5	2.1	9.5	16.8	112.68
3048	27.0-13.5-13.5	28.0	12.9	13.8	101.16
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 104.30					
MFA AGRI SERVICES - MACON MACON, MO					
3081	3.5-17.5-41.0	3.8	17.8	41.2	101.69
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.69					
MFA AGRI SERVICES MARSHFIELD, MO					
2940	20.3- 6.7-20.3	20.4	5.1*	21.1	97.04
3187	22.8- 7.6-15.2	23.6	7.8	13.8	100.79
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 1 - 98.93					
MFA AGRI SERVICES MARTINSBURG, MO					
4144	21.6-18.0-18.0	22.4	17.7	18.3	101.34
1732	24.2-16.1-16.1	23.9	15.9	16.8	99.69
#TOTALS - NO. SAMPLES 5 - SMPLS MISBRANDED 2 - 98.67					
MFA AGRI SERVICES MARYVILLE, MO					
2720	22.5-11.0-11.0	23.0	10.3	12.0	100.77
2945	22.0-11.0-11.0	22.6	11.2	11.2	102.34
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 102.41					
MFA AGRI SERVICES MAYSVILLE, MO					
3115	0.0-26.0-26.0	0.0	27.8	25.6	104.10
2942	21.0-14.0-14.0	21.0	14.5	15.2	102.62
3386	23.0-11.6-11.7	22.8	12.6	12.0	102.35
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 103.00					
MFA AGRI SERVICES MEMPHIS, MO					
2586	27.9-13.4-13.4	27.6	13.1	15.0	100.42
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 100.83					
MFA AGRI SERVICES MEXICO, MO					
3056**	18.3-12.2-24.4	17.4	12.4	24.5	98.48
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.39					
MFA AGRI SERVICES MILAN, MO					
2109	9.0-23.0-30.0	8.3	21.5	31.7	97.13
2092	27.5-13.0-13.0	26.3	13.1	15.8	100.64
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 98.88					
MFA AGRI SERVICES MOBERLY, MO					
3358	14.0-14.0-23.5	13.4	15.2	24.9	103.27
3359	14.0-14.0-23.5	14.0	15.4	23.8	103.90
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 103.58					
MFA AGRI SERVICES MONTGOMERY CITY, MO					
4154	4.6-21.8-36.2	4.5	21.1	36.7	98.76
3061	9.8-14.7-36.8	9.5	14.6	36.5	98.72
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 99.41					
MFA AGRI SERVICES MT VERNON, MO					
3802	22.8- 7.6-15.2	24.0	6.4*	14.0	98.42
2538	24.8- 6.2-12.4	25.7	5.4*	12.0	99.73
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 2 - 99.06					

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA AGRI SERVICES MT GROVE, MO					
3176	20.2- 6.7-20.2	21.8	4.2*	18.7	95.54*
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 95.54					
MFA AGRI SERVICES NEOSHO, MO					
2950	22.8- 7.6-15.2	23.8	7.6	14.3	101.45
2951	22.8- 7.6-15.2	23.5	8.2	14.2	102.11
3395	24.9- 6.2-12.4	25.6	6.0	11.7	100.40
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 101.32					
MFA AGRI SERVICES NORBORNE, MO					
2820	10.2-26.2-26.2	10.3	27.6	26.9	103.74
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 103.74					
MFA AGRI SERVICES ODESSA, MO					
3928	7.1-18.1-36.3	7.0	18.2	36.6	100.35
3077**	7.8-24.2-24.2	8.0	25.5	22.8	101.81
3624	27.2-13.6-13.6	27.7	13.0	13.9	100.11
3034**	30.5-10.1-10.2	30.9	12.4	9.3	104.92
3035**	30.5-10.1-10.2	30.5	10.0	11.8	101.53
3033	31.5-10.5-10.5	31.9	11.5	10.3	102.75
#TOTALS - NO. SAMPLES 11 - SMPLS MISBRANDED 0 - 101.95					
MFA AGRI SERVICES OWENSVILLE, MO					
3168	19.0-11.5-19.0	18.7	11.8	20.4	101.75
1728	27.0- 9.0-18.0	26.1	8.6	20.2	99.56
3045	27.0-10.5-16.0	25.7	11.3	18.2	101.32
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.84					
MFA AGRI SERVICES OZARK, MO					
2929	17.8-17.8-17.8	18.1	15.6*	18.6	96.63*
2937	19.6- 9.8-19.6	20.6	8.0*	19.6	97.96
2963	28.9-14.4- 0.0	28.1	15.9	0.0	101.62
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 2 - 98.74					
MFA AGRI SERVICES PATTONSBURG, MO					
3265	11.0-22.0-27.5	10.7	21.8	29.2	100.75
2602	19.0-19.0-19.0	19.1	19.3	20.3	102.21
2590	27.0-13.5-13.5	27.8	13.1	13.8	101.16
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 101.65					
MFA AGRI SERVICES ROLLA, MO					
1841	17.8-17.8-17.8	18.0	18.5	18.1	102.36
1842	20.5-12.3-16.4	20.5	12.6	16.4	100.73
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.03					
MFA AGRI SERVICES ST JOSEPH, MO					
2584	31.5-10.5-10.5	30.9	10.6	11.6	100.11
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.11					
MFA AGRI SERVICES ST MARY, MO					
2793**	25.0-10.0-15.0	23.9	9.6	16.1	97.76
2794**	25.0-10.0-15.0	24.3	10.4	16.0	100.47
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.11					
MFA AGRI SERVICES STE GENEVIEVE, MO					
2789	27.0-13.5-13.5	27.6	13.3	14.3	101.69
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.37					
MFA AGRI SERVICES SALEM, MO					
3147	11.0-11.0-33.5	11.7	10.2	33.7	100.00
3155	17.5-17.5-17.5	18.3	16.4	18.2	100.11
3174	20.0- 6.5-20.0	20.6	5.8*	20.1	99.86
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 1 - 100.00					
MFA AGRI SERVICES SALISBURY, MO					
2603	8.8-17.7-35.5	8.2	17.1	34.4	96.05*
3487**	12.6-29.3-19.1	13.0	30.0	17.8	100.87
2595**	25.0-11.0-15.9	25.9	11.1	15.5	101.82
2588	27.4-13.7-13.7	29.8	13.1	11.5*	101.46
#TOTALS - NO. SAMPLES 7 - SMPLS MISBRANDED 2 - 99.33					

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA AGRI SERVICES SEDALIA, MO					
3374	20.4-12.2-12.3	19.3	12.5	13.9	100.00
2719	21.3-12.7-12.8	21.9	12.4	12.3	100.12
3376	21.3-12.8-12.8	20.4	13.7	13.5	100.86
2592	26.9-13.4-13.4	25.5	12.2	13.0	94.04*
2585	29.8- 7.4-14.9	30.8	7.4	13.9	101.12
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED	1 -	99.68
MFA AGRI SERVICES SHELBYNA, MO					
1743	3.9-18.5-40.0	4.1	18.6	40.1	100.83
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	99.82
MFA AGRI SERVICES SHERIDAN, MO					
4306	3.3- 8.6-14.3	3.2	8.4	14.2	98.16
2831	6.5-17.5-35.5	6.7	17.8	36.2	102.04
4105	23.0-11.5-11.5	23.6	12.0	12.4	103.85
2959	24.5- 9.5- 9.5	25.1	9.5	11.4	104.00
4107	24.0-10.0-10.0	24.7	10.9	10.6	104.87
4012	31.5-10.5-10.5	31.9	11.4	9.6	101.80
#TOTALS - NO. SAMPLES		6 - SMPLS	MISBRANDED	0 -	102.80
MFA AGRI SERVICES SPRINGFIELD, MO					
2525	17.8-17.8-17.8	19.8	16.7	15.1*	98.99
2527**	18.7- 4.6-23.4	19.4	4.6	21.9	99.86
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	1 -	99.37
MFA AGRI SERVICES THOMPSON, MO					
3060	13.6-20.4-27.2	13.3	20.7	27.1	99.89
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	99.58
MFA AGRI SERVICES TIPTON, MO					
3069**	10.1-26.0-26.0	10.6	27.8	23.8*	102.44
3070**	10.1-26.0-26.0	10.9	28.1	23.5*	103.36
3646	10.9-27.9-24.3	10.7	28.1	24.9	100.59
#TOTALS - NO. SAMPLES		9 - SMPLS	MISBRANDED	3 -	100.56
MFA AGRI SERVICES UNIONVILLE, MO					
2918	13.5-22.5-22.5	12.9	21.8	25.0	99.89
2796	23.0-23.0-11.5	22.5	23.0	13.2	100.68
2788	27.0-13.5-13.5	27.1	14.3	14.3	102.75
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	101.09
MFA AGRI SERVICES VANDALIA, MO					
3755	4.8-22.9-35.2	4.8	22.9	34.7	99.45
4016	26.3-13.2-15.8	25.8	13.1	16.7	99.68
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	99.75
MFA AGRI SERVICES VERSAILLES, MO					
2598	22.1-11.0-22.1	21.5	11.0	24.2	101.02
2599	22.1-11.0-22.1	21.8	10.7	22.7	99.32
2597	22.7-15.2-15.2	22.6	15.2	15.6	100.22
2731	25.1- 9.4- 8.4	25.7	8.8	8.7	100.39
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	100.23
MFA AGRI SERVICES WENTZVILLE, MO					
3329	0.0-18.5-37.0	0.0	19.7	37.2	103.51
3036	29.5-11.5-11.5	30.1	12.9	11.5	104.28
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	103.94
MFA AGRI SERVICES WHEATON, MO					
2016	21.4- 8.5-17.1	22.8	8.0	15.5	100.26
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.26
MFA AGRI SERVICES WINDSOR, MO					
1727	27.0-11.6-15.4	27.7	11.3	15.4	100.86
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	99.72
MFA AGRI SERVICES-EAST VANDALIA, MO					
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.45
MFA AGRI SERVICES COLUMBIA, MO					
4101	19.8-15.8-15.9	20.5	15.0	15.1	98.85
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.85

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
MFA PLANT FOODS COLUMBIA, MO					
4079	0.0- 0.0-60.0	0.0	0.0	60.1	100.17
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.17
MFA PLANT FOODS - CARDWELL COOP CARDWELL, MO					
3356	4.0-12.0-36.0	4.2	11.2	38.6	102.06
3357	4.0-12.0-36.0	4.2	12.6	36.6	103.24
3145**	13.1- 0.0-18.7	16.4	0.0	19.9	117.37
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	106.30
MFA EXCHANGE - META META, MO					
2711	20.0- 6.5-20.0	20.5	6.8	19.7	101.78
2725	23.0-11.5-11.5	23.7	11.0	12.1	101.24
4198	24.5-12.0-18.5	24.4	13.3	18.4	102.51
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	101.37
MID MISSOURI AGRI SERVICES CONCORDIA, MO					
2327	10.4-18.7-24.9	9.6	18.5	28.2	101.56
2330	18.8-15.0-15.0	17.7	16.7	16.8	103.63
2933	19.0- 9.5-18.9	18.5	10.9	19.3	102.90
2957	24.2- 9.7- 9.6	25.0	10.2	9.4	103.10
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	0 -	101.76
MIDWEST PLANT FOOD SPRINGFIELD, MO					
2523	17.8-17.8-17.8	18.4	16.5	18.5	99.21
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.21
MO VALLEY AGRI SERVICE ROCK PORT, MO					
2017**	23.0-12.0- 9.0	24.4	10.6*	7.7*	98.35
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	1 -	102.51
MONETT FARM SUPPLY MONETT, MO					
3568	25.9- 8.6- 8.6	25.4	8.2	9.4	98.71
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.71
MONROE COUNTY SERVICE CO PARIS, MO					
2333	20.0-15.0-15.0	18.4	15.8	15.9	99.18
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	1 -	98.91
MONTROSE AGRI SERVICE MONTROSE, MO					
2938	20.0-10.0-20.0	19.4	10.3	20.5	99.88
2948	22.2-13.2-13.2	21.0	12.8	15.4	98.81
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	1 -	98.66
MRM AG SERVICE INC EAST PRAIRIE, MO					
3488**	11.0-28.0-18.0	10.8	27.6	19.3	100.10
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	105.83
MYRTLE FERTILIZER INC MYRTLE, MO					
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	106.25
NODAWAY FERTILIZER & GRAIN INC RAVENWOOD, MO					
2202	16.0- 4.0- 4.0	14.6	6.0	8.0	111.82
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	111.82
NODAWAY-HOLT FERTILIZER INC SKIDMORE, MO					
2205	22.0-11.0-11.0	20.8	13.0	12.4	103.90
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	102.53
NORTHEAST MO COOPERATIVE SERV INC EDINA, MO					
4031	8.0-21.0-32.0	8.5	22.3	31.0	102.89
2705	15.0-15.0-23.0	14.1	16.2	24.3	102.29
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	102.13
NORTHWEST FERTILIZER, INC MOUND CITY, MO					
2112	3.0-14.0- 8.0	3.4	16.2	11.0	119.52
NORTHWEST FERTILIZER, INC MOUND CITY, MO					
2111	7.0-34.0-20.0	7.2	32.5	22.7	100.10
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	105.76
OLD MILL GRAIN & SEED CO HARRISONVILLE, MO					
2791	26.5-13.0-13.0	26.6	14.4	13.7	104.02
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	104.02

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
OLD MONROE ELEVATOR		OLD MONROE, MO			
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -	99.11	
OLEAN SEED CO		OLEAN, MO			
1729	27.0- 9.0-18.0	26.0	9.0	20.1	100.11
1803	27.0- 9.0-18.0	26.4	10.0	19.2	102.22
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -	101.16	
ORRICK FARM SERVICE, INC		ORRICK, MO			
2949	22.7-11.3-11.3	22.8	11.5	11.6	101.13
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -	101.13	
PILOT GROVE COOPERATIVE ELEVATOR		PILOT GROVE, MO			
3502	5.0-13.0-42.5	5.5	14.0	41.9	103.06
3499	7.0-18.0-36.0	7.1	18.2	36.1	100.81
2108**	11.0-28.0-17.5	11.0	27.3	18.2	99.27
2919	14.0-21.0-21.0	14.0	19.5	22.6	98.46
3479	22.5-15.0-18.0	21.9	15.3	19.9	101.40
3193	23.0-11.5-11.5	21.8	12.3	13.2	101.12
3567	25.5- 9.0- 8.5	25.1	8.9	9.2	99.61
2777	31.5-10.0-10.0	32.6	10.1	10.8	103.44
#TOTALS - NO. SAMPLES	19 - SMPLS	MISBRANDED	2 -	100.36	
PRAIRIE HOME COOP		PRAIRIE HOME, MO			
3075	8.5-21.5-32.5	8.0	21.8	34.2	101.41
3071	9.5-24.0-29.0	9.1	24.4	30.6	101.67
4027	10.0-25.5-27.5	9.5	24.3	29.1	98.17
#TOTALS - NO. SAMPLES	4 - SMPLS	MISBRANDED	0 -	100.34	
PRODUCE EXCHANGE		GOLDEN CITY, MO			
2532	21.2-14.1-14.2	21.9	13.5	13.9	99.88
2412	27.4-13.7-13.7	27.4	13.7	14.2	100.52
#TOTALS - NO. SAMPLES	4 - SMPLS	MISBRANDED	0 -	99.47	
PRODUCERS GRAIN COMPANY/FERT. DIV.		NEVADA, MO			
2417	22.2-11.1-22.2	19.2*	11.7	25.3	98.09
#TOTALS - NO. SAMPLES	3 - SMPLS	MISBRANDED	1 -	100.07	
PRODUCERS GRAIN CO		BRONAUGH, MO			
2529	20.0-12.0-16.0	20.6	9.8*	15.9	95.88*
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	1 -	95.88	
PRODUCERS GRAIN CO.-EL DORADO SPRGS		ELDORADO SRPINGS, MO			
2329	18.7- 9.3-21.1	20.3	6.5*	20.1	95.59*
2238	20.9-10.4-24.3	20.3	10.6	24.5	99.31
2591	26.9-10.8-16.2	25.5	8.5*	20.1	96.18*
#TOTALS - NO. SAMPLES	4 - SMPLS	MISBRANDED	2 -	97.41	
PRODUCERS GRAIN COMPANY-WALKER		WALKER, MO			
2424	18.5-27.7-12.9	17.4	27.8	14.1	99.24
2420	20.2-20.2-16.2	19.2	21.2	17.4	101.24
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -	100.19	
PROFESSIONAL AG SERVICE, INC		LATHROP, MO			
2823	10.0-26.0-26.0	9.9	26.5	27.8	102.65
2960	25.5- 9.5- 9.5	26.4	6.9*	10.7	97.23
#TOTALS - NO. SAMPLES	4 - SMPLS	MISBRANDED	1 -	99.94	
PROFFITT-WAY FERTILIZER		POTTERSVILLE, MO			
3162	17.8-17.8-17.8	18.2	16.2	18.5	98.09
3201	24.2-10.7-10.7	24.5	10.2	10.7	99.50
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -	98.76	
PURDY FARM CENTER INC		PURDY, MO			
3383	23.0- 7.6-16.0	23.1	7.9	14.9	99.61
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -	99.61	
QMI FERTILIZER & GRAIN, INC		PARMA, MO			
3482**	11.0-23.0-23.0	12.2	22.1	24.6	102.42
4179**	25.4- 0.0- 0.0	25.9	0.0	0.0	101.97
#TOTALS - NO. SAMPLES	3 - SMPLS	MISBRANDED	0 -	105.23	

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
QUINN FARM SUPPLY, INC		MONROE CITY, MO			
2714	20.5-14.0-13.0	20.2	15.6	14.1	104.51
#TOTALS - NO. SAMPLES	3 - SMPLS	MISBRANDED	0 -	104.13	
R & M FEED - PARTS CENTER		POTOSI, MO			
2825	9.0-23.0-30.0	9.0	24.2	30.0	102.55
2803	15.0- 9.0- 9.0	25.0	14.2	14.2	162.46
2798	19.0-19.0-19.0	18.1	19.8	19.5	100.32
#TOTALS - NO. SAMPLES	3 - SMPLS	MISBRANDED	0 -	115.56	
RALPHIE'S FARM PRODUCTS-FERTILIZER		DIXON, MO			
2923	17.0-17.0-17.0	16.7	17.9	19.4	104.24
3190	23.0-11.0-11.0	22.0	11.6	12.9	101.39
3191	23.0-11.0-11.0	22.2	11.7	12.3	101.39
#TOTALS - NO. SAMPLES	3 - SMPLS	MISBRANDED	0 -	102.38	
RAY-CARROLL COUNTY GRAIN GROWERS		BRUNSWICK, MO			
2622**	8.9-22.3-27.9	7.4*	19.1*	33.0	95.24*
2623**	8.9-22.3-27.9	8.2	21.3	29.9	98.45
2621	9.7-24.3-29.2	9.3	23.6	29.2	97.74
3915	29.0-12.0-12.0	27.6	12.1	15.5	100.96
3916	29.0-12.0-12.0	27.2	11.9	16.1	100.32
#TOTALS - NO. SAMPLES	6 - SMPLS	MISBRANDED	1 -	98.64	
RAY-CARROLL COUNTY GRAIN GROWERS		NORBORNE, MO			
2778	31.5-10.5-10.5	32.0	11.0	10.6	102.22
2776**	41.7- 0.0- 0.0	42.1	0.0	0.0	100.96
#TOTALS - NO. SAMPLES	5 - SMPLS	MISBRANDED	2 -	99.40	
RAY-CARROLL COUNTY GRAIN GROWERS		CARROLLTON, MO			
3068	10.5-26.4-26.4	9.8	25.7	27.7	98.50
#TOTALS - NO. SAMPLES	7 - SMPLS	MISBRANDED	1 -	98.99	
RAY-CARROLL COUNTY GRAIN GROWERS		HARDIN, MO			
3799**	12.1-20.2-24.2	10.2*	16.0*	25.4	87.61*
2944	21.2-14.1-14.9	21.4	13.7	15.0	99.65
#TOTALS - NO. SAMPLES	5 - SMPLS	MISBRANDED	1 -	98.02	
RAY-CARROLL COUNTY GRAIN GROWERS		MAYVIEW, MO			
3202	24.5-10.5-10.5	24.3	9.9	11.8	99.63
3914**	29.0-11.5-11.5	28.5	12.5	13.4	103.14
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -	101.50	
RHINELAND GRAIN - JONESBURG GRAIN		JONESBURG, MO			
3057	17.5-11.5-27.5	17.6	12.1	27.9	102.11
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -	100.72	
RICHARDS BROTHERS		MOUNTAIN GROVE, MO			
3367	17.8-17.8-17.8	17.9	18.2	18.7	102.13
3368	17.8-17.8-17.8	18.9	17.0	17.7	100.56
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -	101.34	
RICHARDS BROTHERS OF MTN VIEW		MTN VIEW, MO			
2708	17.8-17.8-17.8	15.8*	17.8	21.2	99.33
2717	21.0-14.0-14.0	19.6	14.8	15.8	100.71
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	1 -	100.00	
RICHLAND PLANT FOOD SERVICE, INC		RICHLAND, MO			
2924	17.5-17.5-17.5	16.5	18.6	19.6	102.63
2941	20.5-13.5-13.5	20.5	14.8	14.7	104.66
3192	23.0-11.0-11.0	22.2	11.9	12.7	102.41
#TOTALS - NO. SAMPLES	3 - SMPLS	MISBRANDED	0 -	103.22	
RICKETT'S FARM SERVICE		SHELBYNA, MO			
2947	22.0-13.0-13.0	21.4	13.5	13.4	100.24
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -	99.60	
RIVER VALLEY AG		HOPKINS, MO			
2916	11.0-22.5-22.5	11.9	20.1*	23.5	97.77
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	1 -	97.77	

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
W.A. ROOTES AND CO		TEBBETTS, MO			
3197	23.0-12.0-12.0	21.0	12.8	15.2	100.98
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -		100.98
J.P. ROSS COTTON CO, INC		ESSEX, MO			
3480**	17.2-12.2-22.1	16.2	10.7*	23.7	95.80*
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	1 -		99.37
ROYSTER-CLARK, INC		BOWLING GREEN, MO			
4103	22.0-11.0-14.0	20.7	12.2	16.4	102.75
3803	23.0-12.0-11.0	23.3	11.6	11.4	100.25
#TOTALS - NO. SAMPLES	4 - SMPLS	MISBRANDED	0 -		100.94
ROYSTER-CLARK AGRIBUSINESS, INC		CLARENCE, MO			
1795**	32.0- 1.0- 0.0	31.2	1.4	0.0	98.79
#TOTALS - NO. SAMPLES	3 - SMPLS	MISBRANDED	0 -		98.89
S & N SCHMIDT FERTILIZER		LESLIE, MO			
3475	26.0- 8.0-17.0	25.3	8.9	20.4	104.47
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -		104.47
SALISBURY AG CENTER, INC		SALISBURY, MO			
3478	25.1-12.5-16.9	23.6	13.3	19.8	101.63
2593	25.1-15.0-15.0	24.4	17.2	15.4	103.57
2587	27.5-13.3-13.3	29.6	6.8*	16.8	94.42*
#TOTALS - NO. SAMPLES	6 - SMPLS	MISBRANDED	1 -		101.13
SCHAEPERKOTTER STORE, INC		MT STERLING, MO			
3039	28.0-10.0-15.0	27.3	10.1	17.0	100.88
3041	28.0-13.0-13.0	27.9	13.2	13.7	100.95
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -		100.91
SCHAFFER FERTILIZER, INC		MARTINSBURG, MO			
3477	25.5-12.4-17.1	23.7	12.4	20.6	99.89
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -		99.89
72 FARM CENTER LLC		SALEM, MO			
3154	17.5-17.5-17.5	16.6	18.2	19.4	101.71
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -		101.71
SERVICE AND SUPPLY COOPERATIVE, INC		BELLFLOWER, MO			
3050	25.0-14.0-14.0	24.2	14.6	16.6	102.39
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	1 -		101.47
SERVICE AND SUPPLY COOPERATIVE, INC		BOWLING GREEN, MO			
3495	9.0-25.0-25.0	9.2	23.2	25.8	97.42
2436	10.0-26.0-26.0	9.1	22.4*	31.7	96.63*
#TOTALS - NO. SAMPLES	4 - SMPLS	MISBRANDED	1 -		99.13
SERVICE AND SUPPLY COOPERATIVE, INC		NEW FLORENCE, MO			
3498	7.5-37.3-16.3	8.3	35.8	18.6	100.85
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -		101.23
SERVICE AND SUPPLY COOPERATIVE, INC		VANDALIA, MO			
2438	6.3-32.0-22.7	6.7	31.8	24.3	102.01
4064**	24.2-14.5-14.5	23.4	14.5	15.5	99.35
#TOTALS - NO. SAMPLES	3 - SMPLS	MISBRANDED	0 -		101.33
SHAWNEETOWN FEED & SEED CO.		JACKSON, MO			
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -		106.16
SMITH AGRI SERVICES LLC		COLUMBIA, MO			
1605	8.1-22.3-30.0	9.0	23.8	31.4	106.83
4100	19.7- 4.2- 2.0	17.5*	6.2	25.3	145.98
#TOTALS - NO. SAMPLES	3 - SMPLS	MISBRANDED	1 -		113.03
SMITH BROS. FARM SUPPLY, INC.		WILLIAMSTOWN, MO			
3558	18.4-13.8-18.4	14.4*	13.0	26.5	98.19
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	1 -		98.92
SMITH BROS. FARM SUPPLY, INC		WYACONDA, MO			
2601	22.0-17.0-17.0	21.8	15.8	18.1	98.21
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -		98.93

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
SOUTHEAST COOPERATIVE SERVICE CO		ADVANCE, MO			
3531	7.8-26.0-26.0	7.2	25.5	27.7	99.47
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -		101.10
SOUTHEAST COOPERATIVE SERVICE CO		DEXTER, MO			
3059	14.8-19.0-25.4	12.7*	20.2	28.0	100.86
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	1 -		103.13
SOUTHEAST COOP SERVICE CO-MESSLER		ADVANCE, MO			
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -		101.02
SOUTHEAST COOPERATIVE SERVICE CO		ORAN, MO			
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	1 -		104.79
SOUTHEAST COOPERATIVE SERVICE CO		PUXICO, MO			
4169	0.0-23.0-30.0	0.0	25.2	28.0	103.16
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	1 -		107.56
ST CHARLES COUNTY COOPERATIVE CO		ST CHARLES, MO			
3476	25.7-14.7-14.7	25.2	14.7	16.2	100.52
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -		101.44
ST JOSEPH AGRI SERVICES, INC		ST JOSEPH, MO			
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -		104.78
STOCKMAN FEED & FERTILIZER		JEFFERSON CITY, MO			
2863	25.0-15.0-15.0	23.6	16.4	17.2	102.32
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -		102.32
STOCKTON FARMERS EXCHANGE		STOCKTON, MO			
2328	17.8-17.8-17.8	18.1	18.1	16.9	100.34
2335	30.5-10.0- 0.0	31.0	9.6	0.0	100.25
#TOTALS - NO. SAMPLES	3 - SMPLS	MISBRANDED	0 -		99.16
STOKES-MAYBERRY GIN CO, INC		MALDEN, MO			
4305**	6.0- 6.0-12.0	6.5	5.9	11.2	100.00
#TOTALS - NO. SAMPLES	2 - SMPLS	MISBRANDED	0 -		106.75
STOVER MILLING CO, INC		STOVER, MO			
2589	27.0-13.5-13.5	27.3	13.0	15.0	101.16
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -		101.16
STRAATMANN FEED & TRANSFER, INC		LABADIE, MO			
2413	27.0-13.5-13.5	27.4	13.1	14.8	101.38
#TOTALS - NO. SAMPLES	1 - SMPLS	MISBRANDED	0 -		101.38
SUR-GRO PLANT FOOD		APPLETON CITY, MO			
2934	19.0-14.2-15.8	19.7	13.4	15.7	99.64
2961	26.2- 8.7- 8.7	26.8	8.2	9.9	101.78
#TOTALS - NO. SAMPLES	4 - SMPLS	MISBRANDED	0 -		101.13
SUR-GRO PLANT FOOD		BURLINGTON JCT, MO			
2203**	16.0- 6.0-14.0	14.7	6.3	19.2	105.52
4099	18.0-18.0-18.0	17.3	18.0	19.4	100.00
#TOTALS - NO. SAMPLES	3 - SMPLS	MISBRANDED	0 -		100.32
SUR-GRO PLANT FOOD		FOREST CITY, MO			
2620	10.3-26.4-26.5	9.3	24.1*	30.0	96.90*
2732**	26.6- 4.9- 4.9	25.9	4.4*	6.2	98.38
3590	27.5-11.0- 5.5	27.0	11.4	6.3	100.73
#TOTALS - NO. SAMPLES	4 - SMPLS	MISBRANDED	2 -		99.06
SUR-GRO PLANT FOOD		KING CITY, MO			
3149	13.5-27.0-20.0	13.8	25.6	21.0	98.81
3152	17.5-17.5-17.5	17.7	18.1	18.6	103.09
2728	23.5-11.5-11.5	22.3	11.1	14.6	99.88
#TOTALS - NO. SAMPLES	3 - SMPLS	MISBRANDED	0 -		100.51
SUR-GRO PLANT FOOD		OSBORN, MO			
3391	23.9- 9.5-12.7	23.9	9.0	13.8	100.13
3396	24.9- 8.3-11.6	24.6	8.2	13.1	100.90
3203	24.5-11.5- 9.5	24.4	10.8	10.8	99.63

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
SUR-GRO PLANT FOOD OSBORN, MO					
3206	25.0-13.0- 8.0	24.7	12.4	9.2	99.29
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 99.96					
SUR-GRO PLANT FOOD PLATTSBURG, MO					
2015	18.0-18.0-18.0	17.6	17.5	19.6	99.78
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.78					
SUR-GRO PLANT FOOD SAVANNAH, MO					
1922	10.0-26.0-26.0	9.7	26.9	28.7	103.98
1921	15.0-38.5- 9.5	15.2	39.4	9.8	102.15
3883	19.5-16.0-16.0	17.1*	11.9*	23.6	93.79*
3591	25.0-10.0-10.0	25.0	9.5	11.4	100.50
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 1 - 100.36					
SUR-GRO PLANT FOOD SHERIDAN, MO					
3593	10.8- 5.4- 5.4	11.2	7.2	7.7	117.72
2822	10.0-26.0-26.0	8.2*	21.2*	33.2	93.88*
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 1 - 100.51					
SUR-GRO PLANT FOOD WESTON, MO					
2624	8.5-21.5-32.5	8.8	20.1	33.6	98.81
4153	8.5-21.5-32.5	8.4	22.0	32.8	101.19
3402	28.0- 7.0- 7.0	26.8	6.0*	10.4	98.70
3707	30.0- 5.0- 5.0	29.7	4.8	5.2	98.93
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 1 - 99.46					
T & R SOIL SERVICE CHILLICOTHE, MO					
4033	8.0-21.0-32.0	7.8	20.0	34.8	100.44
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 100.44					
T AND N INC FORISTELL, MO					
4197	29.5- 8.5-14.5	29.2	8.6	16.4	101.66
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 1 - 98.27					
TRI-COUNTY FEED & FERT, INC ST MARY, MO					
2824	9.0-23.0-30.0	9.8	25.1	28.3	104.36
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 104.36					
TYREE'S FERTILIZER INC. WEST PLAINS, MO					
3160	17.8-17.8-17.8	17.9	18.6	17.2	101.35
3163	17.8-17.8-17.8	18.0	17.9	17.5	100.34
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.84					
U.A.P. MIDSOUTH COOTER, MO					
3632**	12.0-12.0-25.0	14.4	7.8*	29.0	100.55
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 100.55					
UAP/MIDSOUTH - BENTON BENTON, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.63					
UAP/MIDSOUTH SIKESTON, MO					
3911**	33.0- 0.0- 0.0	33.6	0.0	0.0	101.82
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 102.00					
UAP MIDSOUTH SENATH, MO					
4373**	39.0- 0.0- 0.0	38.6	0.0	0.0	98.97
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.97					
UAP/RICHTER BOWLING GREEN, MO					
4018	18.0-18.0-20.0	17.9	17.5	23.5	102.50
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.70					
UAP/RICHTER KAHOKA, MO					
2707	17.8-17.8-17.8	17.1	17.9	18.6	99.55
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 99.22					
UNITED COOPERATIVES INC PLATTSBURG, MO					
2954	23.0-11.5-11.5	23.7	10.4	12.1	99.75
2955	23.0-11.5-11.5	24.0	10.6	11.2	99.88
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 99.81					

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
UNITED COOPERATIVES INC OSBORN, MO					
3146	9.0-16.0-32.0	10.3	16.1	31.8	103.17
3385	23.0-11.0-11.0	24.2	10.8	11.5	103.16
3209	26.0- 8.0- 8.0	26.2	8.4	8.8	102.63
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 102.99					
UNITED COOPERATIVES INC SAVANNAH, MO					
3281	10.0-25.5-26.0	9.6	26.2	27.8	102.47
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 102.47					
V-MAR FARM STORE INC CRANE, MO					
2331	19.6- 9.8-19.6	17.2*	10.3	23.2	99.74
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 99.74					
VANDUSER GIN CO INC VANDUSER, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 104.12					
VEST FERTILIZER LIME & SEED BOLIVAR, MO					
2422	19.0-19.0-19.0	18.9	19.7	19.8	102.11
1843	21.0- 8.0-18.0	21.5	9.0	17.1	102.76
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 102.39					
WAKE FEED & FERTILIZER, INC WILLOW SPRINGS, MO					
3158	17.8-17.8-17.8	18.2	16.2	18.3	97.87
3159	17.8-17.8-17.8	17.9	15.6*	19.4	97.08
#TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 1 - 97.47					
WEAUBLEAU FARMERS EXCHANGE WEAUBLEAU, MO					
3078	4.4-11.4-45.8	4.6	12.1	44.8	101.03
3369	17.8-17.8-17.8	16.8	18.9	19.3	101.91
3370	17.8-17.8-17.8	17.5	18.4	18.7	101.69
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 101.56					
WEST CENTRAL AGRISERVICES, LLC BUTLER, MO					
4028	9.0-23.0-30.0	10.0	25.5	26.8*	104.04
4029	9.0-23.0-30.0	9.6	24.6	28.0	102.55
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 1 - 102.15					
WEST CENTRAL AGRISERVICES, LLC CENTERVIEW, MO					
3031	34.2- 7.3- 9.7	32.2	6.7	13.9	98.92
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 1 - 98.85					
WEST CENTRAL AGRISERVICES, LLC CHILHOWEE, MO					
3394	24.8- 9.9- 9.9	26.2	10.0	8.4*	101.89
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 101.89					
WEST CENTRAL AGRISERVICES, LLC HARRISONVILLE, MO					
2928	17.7-17.7-17.7	17.5	18.1	18.4	101.24
2783	29.6-11.9-11.8	29.1	12.4	13.1	101.37
#TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 0 - 100.48					
WEST CENTRAL AGRISERVICES, LLC HOLDEN, MO					
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 2 - 100.83					
WEST CENTRAL AGRI SERVICES LLC RICH HILL, MO					
1734	21.3-17.0-17.0	21.6	17.7	17.0	102.14
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 99.96					
WEST LIME & FERTILIZER CO STEELVILLE, MO					
3153	17.5-17.5-17.5	16.8	18.0	19.6	101.94
3156	17.5-17.5-17.5	17.1	17.8	19.1	101.60
3186	22.5- 7.5-15.0	21.9	7.8	16.2	100.80
#TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 101.48					
WILLIAMS FERTILIZER SERVICE OREGON, MO					
#TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 104.78					

## BULK BLEND FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
WORTHINGTON AG SERVICE, INC		WORTHINGTON, MO			
2828	8.5-22.5-31.0	8.4	22.7	33.2	102.58
2829	8.5-22.5-31.0	8.6	22.5	33.0	102.37
2795**	25.0-13.5-13.5	23.7	14.1	16.3	101.55
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	102.16
YOUNG ENTERPRISES, INC		NEW HARTFORD, MO			
4014	29.0-15.0- 8.0	30.1	15.4	9.6	104.79
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	104.79
YOUNG'S PRODUCE, INC		ALTON, MO			
3559	20.0-15.0-15.0	22.3	12.3*	18.4	103.06
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	103.06
SHAWNEETOWN FEED&SEED CO-FREIDHEIM		JACKSON, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	95.42

\* 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 35.

# Totals from July 1, 2002.

## LIQUID FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
AG DISTRIBUTORS		KENNETT, MO			
3006**	3.0- 6.0-12.0	4.2	6.6	12.0	112.00
2999	8.2- 5.5-11.0	9.2	6.3	11.1	109.64
4130**	10.0- 5.0-10.0	10.2	5.2	9.9	101.75
4131**	28.0- 0.0- 0.0	27.9	0.0	0.0	99.64
4132**	28.0- 0.0- 0.0	28.1	0.0	0.0	100.36
4133**	28.0- 0.0- 0.0	28.2	0.0	0.0	100.71
4004	32.0- 0.0- 0.0	31.0	0.0	0.0	96.88*
#TOTALS - NO. SAMPLES		8 - SMPLS	MISBRANDED	1 -	102.01
AG DISTRIBUTORS, INC		NASHVILLE, TN			
4440	32.0- 0.0- 0.0	32.6	0.0	0.0	101.88
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.88
AGRI-GRO MARKETING, INC.		DONIPHAN, MO			
3017**	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			
3434**	3.6- 7.1-17.0	3.6	7.4	17.0	101.56
3435**	3.6- 7.1-17.0	3.5	7.0	17.3	99.74
2992	3.0- 9.0-27.0	3.3	9.7	26.7	103.33
2993**	4.2- 8.4-12.6	4.5	9.7	12.6	108.47
2996**	6.4-15.3-15.3	6.2	16.2	14.2	100.51
3448	7.0-21.0- 7.0	7.5	19.2	7.0	95.87*
3005	10.0-30.0- 0.0	9.6	31.2	0.0	102.00
2758	10.0-34.0- 0.0	10.6	31.7*	0.0	96.14*
3442**	19.5- 7.8- 7.8	19.2	8.1	7.7	99.84
3443**	19.5- 7.8- 7.8	18.6	8.3	8.0	99.04
2227	28.0- 0.0- 0.0	28.4	0.0	0.0	101.43
3452	32.0- 0.0- 0.0	31.1	0.0	0.0	97.19
3454	32.0- 0.0- 0.0	31.6	0.0	0.0	98.75
#TOTALS - NO. SAMPLES		21 - SMPLS	MISBRANDED	2 -	100.23
AGRO DISTRIBUTION, LLC		CARUTHERSVILLE, MO			
4000**	28.0- 0.0- 0.0	27.9	0.0	0.0	99.64
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.64
ANNADA ELEVATOR CO, INC		ANNADA, MO			
3721	23.7- 6.3- 6.3	22.9	6.0	6.2	96.53*
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	2 -	95.45
BARTLETT & COMPANY, L.P.		WAVERLY, MO			
3001**	17.4- 9.3- 7.0	18.0	9.3	7.4	102.65
2075**	18.7- 7.8- 0.0	18.9	7.6	0.0	100.00
2076**	18.7- 7.8- 0.0	18.8	7.4	0.0	98.87
3002	18.0- 7.7- 9.6	18.5	8.6	9.8	104.92
3003**	20.5- 5.9- 5.9	20.5	6.4	5.9	101.70
3004**	20.5- 5.9- 5.9	20.3	6.5	6.0	101.53
2385**	29.6- 0.0- 0.0	29.2	0.0	0.0	98.65
3011**	29.0- 0.0- 0.0	29.3	0.0	0.0	101.03
3012**	29.0- 0.0- 0.0	29.8	0.0	0.0	102.76
3013**	29.0- 0.0- 0.0	29.1	0.0	0.0	100.34
3014	32.0- 0.0- 0.0	31.4	0.0	0.0	98.13
#TOTALS - NO. SAMPLES		18 - SMPLS	MISBRANDED	0 -	101.10
BRANDT CONSOLIDATED		PLEASANT PLAINS, IL			
1887	10.0-34.0- 0.0	10.0	34.1	0.0	100.23
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.23
CENTRAL MISSOURI AGRISERVICE LLC		BLACKBURN, MO			
3236**	2.9- 6.0-10.0	3.4	6.1	9.8	103.60
2755	10.0-30.0- 0.0	10.8	30.3	0.0	102.75
3234	15.8- 4.0- 7.2	15.0	5.4	6.2*	100.43
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	1 -	100.75
CENTRAL MISSOURI AGRISERVICE LLC		MARSHALL, MO			
2753**	3.7- 7.6- 8.2	3.9	7.7	8.4	102.60
2754**	4.2- 9.2-12.7	4.4	9.5	12.5	102.03
2757	17.5- 0.0- 0.0	19.0	0.0	0.0	108.57
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	104.36

## LIQUID FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
CHEM STAR AGRI PRODUCTS INC		PARMA, MO			
4428**	15.0- 0.0- 0.0	15.8	0.0	0.0	105.33
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	105.33
CONKLIN COMPANY, INC		SHAKOPEE, MN			
3449**	0.0- 0.0-25.0	0.0	0.0	26.0	104.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	104.00
CROP PRODUCTION SERVICES		WESTBORO, MO			
4002**	31.5- 0.0- 0.0	30.9	0.0	0.0	98.10
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.10
CUNNINGHAM FERTILIZER		MEMPHIS, MO			
2573	16.0- 5.0-11.0	16.2	5.1	12.4	103.77
1694	24.0- 0.0- 0.0	23.7	0.0	0.0	98.75
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	101.38
DEBRUCE FERTILIZER, INC		KANSAS CITY, MO			
2387	32.0- 0.0- 0.0	31.9	0.0	0.0	99.69
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.69
DELTA GROWERS ASSOCIATION		CHARLESTON, MO			
3899	32.0- 0.0- 0.0	32.1	0.0	0.0	100.31
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.31
DELTA SUPPLY INC		DELTA, MO			
4358	32.0- 0.0- 0.0	32.4	0.0	0.0	101.25
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.25
FARMERS SUPPLY CO		BURLINGTON JCT, MO			
3585	19.5- 6.5-10.0	19.7	6.3	10.5	100.81
3997	23.0- 3.5- 7.5	23.6	4.0	7.8	104.13
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	102.44
FERTILIZER SERVICE CO		FAIRFAX, MO			
3989	4.0-13.0-13.0	5.6	12.6	13.7	106.60
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	106.60
FLETCHER INDUSTRIES		GIDEON, MO			
3613**	27.0- 5.0- 0.0	26.5	5.1	0.0	98.75
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.75
GAGE'S FERTILIZER & GRAIN INC		STANBERRY, MO			
3232	3.7-11.4-11.4	4.5	11.0	11.2	101.44
3999	17.5- 5.7- 5.7	16.8	6.7	5.4	100.58
3238	19.8- 4.5- 4.5	19.6	4.4	4.5	98.87
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	100.20
GARD CROP SERVICE		PALMYRA, MO			
3996	18.6- 7.0- 7.0	18.5	7.1	7.1	100.17
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.17
GRANITE CITY TERMINAL LLC		GRANITE CITY, IL			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.07
HELENA CHEMICAL COMPANY		CLARKTON, MO			
4289**	28.0- 0.0- 0.0	27.7	0.0	0.0	98.93
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.93
HODGES FERTILIZER		PERRY, MO			
3444	20.8- 8.4- 8.4	19.8	8.6	9.0	98.50
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	98.50
HYDRO MERSCHMANN LLC (MONTROSE)		WEST POINT, IA			
2375	2.0- 6.0-12.0	3.5	7.2	11.0	115.71
3010	4.0-10.0-10.0	4.5	11.2	10.2	109.47
3615	32.0- 0.0- 0.0	31.6	0.0	0.0	98.75
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	0 -	103.18
KELSO MILLING CO		SCOTT CITY, MO			
3898	32.0- 0.0- 0.0	32.3	0.0	0.0	100.94
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.94

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
LANGE-STEGMANN COMPANY		ST LOUIS, MO			
2074	10.0-34.0- 0.0	10.6	32.6	0.0	98.18
2759	32.0- 0.0- 0.0	32.1	0.0	0.0	100.31
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	99.07
LITER FERTILIZER & CHEMICAL INC		CENTER, MO			
4128	3.3-11.2-22.5	3.4	11.6	23.5	103.88
3438	6.0-20.4-13.9	6.1	20.2	13.9	99.70
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	101.19
GABE LOGSDON & SON INC		WAYLAND, MO			
3995	18.0- 6.0-12.0	17.5	6.0	12.4	99.00
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.00
MFA AGRI SERVICES		CARYTOWN, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	1 -	86.00
MFA LIQUID PLANT - CENTRALIA		CENTRALIA, MO			
3988	3.2- 9.6-14.4	3.1	9.5	15.7	102.25
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.43
MFA AGRI SERVICES		LEVASY, MO			
3233	8.0-24.0- 0.0	8.4	23.5	0.0	99.69
3237**	9.1-11.4-11.5	8.7	11.5	9.2*	94.48*
3241**	12.6- 0.0- 0.0	12.5	0.0	0.0	99.21
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	1 -	98.80
MFA AGRI SERVICES		MEXICO, MO			
3991	4.5-13.5-13.5	4.6	13.5	13.7	100.81
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	99.72
MFA AGRI SERVICES		NORBORNE, MO			
3440**	18.0- 9.0- 2.0	18.2	8.6	2.1	99.46
3441**	18.0- 9.0- 2.0	18.1	8.2	2.3	98.04
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	98.75
MFA LIQUID TERMINAL		CARUTHERSVILLE, MO			
3614**	30.0- 0.0- 0.0	29.8	0.0	0.0	99.33
4357	32.0- 0.0- 0.0	32.8	0.0	0.0	102.50
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.96
MFA PLANT FOODS		COLUMBIA, MO			
2574**	12.0- 0.0- 0.0	13.2	0.0	0.0	110.00
2381	28.0- 0.0- 0.0	29.1	0.0	0.0	103.93
3015	32.0- 0.0- 0.0	25.0*	0.0	0.0	78.13*
3455	32.0- 0.0- 0.0	31.3	0.0	0.0	97.81
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	1 -	94.80
MID MISSOURI AGRI SERVICES		CONCORDIA, MO			
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	109.84
MIDWEST AGRI-CHEMICO, INC		CAPE GIRARDEAU, MO			
2383	28.0- 0.0- 0.0	28.0	0.0	0.0	100.00
2384	28.0- 0.0- 0.0	28.1	0.0	0.0	100.36
4288**	28.0- 0.0- 0.0	28.0	0.0	0.0	100.00
2760	32.0- 0.0- 0.0	34.6	0.0	0.0	108.13
3824	32.0- 0.0- 0.0	32.1	0.0	0.0	100.31
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	0 -	101.89
MIDWEST FERTILIZER, INC		PAOLA, KS			
3451	28.0- 0.0- 0.0	27.9	0.0	0.0	99.64
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.64
MO VALLEY AGRI SERVICE		ROCK PORT, MO			
3612	18.0- 8.0- 5.0	17.4	7.7	5.4	97.54
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	97.54
MORGAN FERTILIZER, INC		EDINA, MO			
3994	16.6- 8.3-12.5	16.0	8.2	13.8	99.84
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.84



## LIQUID FERTILIZER

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

MORGAN FERTILIZER, INC MEMPHIS, MO  
 3998 25.9-10.3- 0.0 26.0 10.6 0.0 101.10  
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 101.10

MORGAN FERTILIZER, INC WYACONDA, MO  
 3992 4.7-14.1-18.8 4.6 13.7 20.6 101.42  
 3993 11.0-33.0- 0.0 11.0 32.6 0.0 99.09  
 #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.00

NA-CHURS/ALPINE SOLUTIONS RED OAK, IA  
 3724 3.0-18.0-18.0 3.1 18.7 18.7 103.83  
 3725\*\* 3.0-18.0-18.0 3.1 17.9 18.0 100.00  
 3726\*\* 9.0-18.0- 9.0 8.8 17.7 9.0 98.41  
 #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 100.71

NUTRA-FLO COMPANY SIOUX CITY, IA  
 4354 3.0-18.0-18.0 3.4 18.3 17.9 102.17  
 4355 9.0-18.0- 9.0 8.9 17.8 9.0 99.05  
 #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 100.56

OLD MILL GRAIN & SEED CO HARRISONVILLE, MO  
 2380 10.0-30.0- 0.0 9.7 31.0 0.0 101.75  
 2756 10.0-30.0- 0.0 10.2 31.2 0.0 103.50  
 2077 28.0- 0.0- 0.0 28.9 0.0 0.0 103.21  
 #TOTALS - NO. SAMPLES 3 - SMPLS MISBRANDED 0 - 102.77

OLD MONROE ELEVATOR OLD MONROE, MO  
 3445 2.6- 8.0-12.0 2.5 8.1 11.9 99.70  
 #TOTALS - NO. SAMPLES 2 - SMPLS MISBRANDED 0 - 101.98

ORRICK FARM SERVICE, INC ORRICK, MO  
 3436\*\* 4.5-10.4-11.6 5.1 10.6 11.1 102.66  
 3437\*\* 4.5-10.4-11.6 5.1 9.8 10.9 98.31  
 3447\*\* 20.0- 5.1- 5.1 18.4 5.6 5.4 96.56\*  
 3727\*\* 29.9- 0.0- 0.0 29.4 0.0 0.0 98.33  
 #TOTALS - NO. SAMPLES 4 - SMPLS MISBRANDED 1 - 98.73

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

RICE'S FEED SERVICE, INC GOLDEN CITY, MO  
 2382 28.0- 0.0- 0.0 27.8 0.0 0.0 99.29  
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 99.29

RICKETTS FARM SERVICE OF CAIRO, INC CAIRO, MO  
 4353 3.0- 9.0-27.0 5.3 8.6 22.9\* 99.41  
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 99.41

RICKETTS FARM SERVICE INC SALISBURY, MO  
 2994\*\* 5.5-14.2-19.0 5.8 14.2 18.9 100.86  
 2995\*\* 5.5-14.2-19.0 5.6 14.6 18.9 101.54  
 2997\*\* 6.4-15.2-15.2 6.5 15.5 15.5 101.88  
 2998\*\* 6.4-15.2-15.2 6.4 15.0 15.5 99.83  
 3439 10.0-30.0- 0.0 9.9 29.5 0.0 98.50  
 2571\*\* 15.3- 9.1- 9.1 15.3 9.4 9.1 101.04  
 2572\*\* 15.3- 9.1- 9.1 15.0 9.2 9.3 99.65  
 1888 28.0- 0.0- 0.0 28.0 0.0 0.0 100.00  
 1889 28.0- 0.0- 0.0 27.8 0.0 0.0 99.29  
 1890 28.0- 0.0- 0.0 27.9 0.0 0.0 99.64  
 1891 28.0- 0.0- 0.0 27.8 0.0 0.0 99.29  
 1892 28.0- 0.0- 0.0 27.9 0.0 0.0 99.64  
 #TOTALS - NO. SAMPLES 15 - SMPLS MISBRANDED 0 - 99.98

RIVER BEND AG LLC NEW MADRID, MO  
 3453 32.0- 0.0- 0.0 31.6 0.0 0.0 98.75  
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 0 - 98.75

ROYSTER-CLARK, INC BOWLING GREEN, MO  
 #TOTALS - NO. SAMPLES 1 - SMPLS MISBRANDED 1 - 8.00

ROYSTER-CLARK, INC. COLLINSVILLE, IL  
 2070 32.0- 0.0- 0.0 32.2 0.0 0.0 100.63  
 2071 32.0- 0.0- 0.0 31.9 0.0 0.0 99.69  
 2072 32.0- 0.0- 0.0 32.0 0.0 0.0 100.00  
 2073 32.0- 0.0- 0.0 31.6 0.0 0.0 98.75  
 3016 32.0- 0.0- 0.0 31.4 0.0 0.0 98.13  
 4003 32.0- 0.0- 0.0 32.2 0.0 0.0 100.63  
 #TOTALS - NO. SAMPLES 8 - SMPLS MISBRANDED 0 - 99.88

## LIQUID FERTILIZER

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
ROYSTER-CLARK, INC		NEW FRANKLIN, MO			
4001**	29.0- 0.0- 0.0	28.9	0.0	0.0	99.66
3239	32.0- 0.0- 0.0	32.2	0.0	0.0	100.63
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	100.16
ROYSTER-CLARK RESOURCES LLC		SIKESTON, MO			
3240	32.0- 0.0- 0.0	31.9	0.0	0.0	99.69
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	99.69
SALT RIVER AG SERVICE INC		LEONARD, MO			
3609	4.2-12.7-22.5	4.3	12.3	23.8	101.24
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	101.24
SCHAFFER FERTILIZER, INC		MARTINSBURG, MO			
3446	14.8- 6.9- 4.8	13.6	7.2	5.6	97.93
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	97.93
SERVICE AND SUPPLY COOPERATIVE, INC		BELLEFLOWER, MO			
4129	15.0-10.0-10.0	15.2	10.0	9.6	100.00
3000	16.0-10.0-12.0	15.5	10.5	11.8	99.69
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	99.83
SERVICE AND SUPPLY COOPERATIVE, INC		VANDALIA, MO			
3990	4.3-13.0-17.4	4.1	12.2	21.4	103.85
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	103.85
ST JOSEPH AGRI SERVICES, INC		ST JOSEPH, MO			
3823**	18.5- 6.0- 6.0	18.5	5.7	6.8	100.36
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	100.36
TERRA		SIOUX CITY, IA			
2078	28.0- 0.0- 0.0	28.1	0.0	0.0	100.36
2570	28.0- 0.0- 0.0	28.0	0.0	0.0	100.00
2386	32.0- 0.0- 0.0	32.2	0.0	0.0	100.63
2575	32.0- 0.0- 0.0	31.9	0.0	0.0	99.69
#TOTALS - NO. SAMPLES		11 - SMPLS	MISBRANDED	0 -	100.81
UAP FERTILIZER		ST JOSEPH, MO			
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	0 -	100.41
VEHIGE ENTERPRISES, INC		FORISTELL, MO			
2067	32.0- 0.0- 0.0	25.0*	0.0	0.0	78.13*
2068	32.0- 0.0- 0.0	22.4*	0.0	0.0	70.00*
2069	32.0- 0.0- 0.0	23.1*	0.0	0.0	72.19*
#TOTALS - NO. SAMPLES		4 - SMPLS	MISBRANDED	3 -	80.42

MANUFACTURER		% FOUND			% Relative Value
No.	Grade	Nitrogen	P <sub>2</sub> O <sub>5</sub>	Potash	
YIELD-PLUS, INC		CAPE GIRARDEAU, MO			
3722	2.0-18.0-18.0	2.9	18.3	18.3	104.66
3009	3.0-18.0-18.0	4.3	17.4	16.6	100.00
3723	3.0-18.0-18.0	3.3	18.1	18.5	102.17
4356	10.0-13.0-13.0	10.3	13.2	13.2	102.03
3897	10.0-20.0-10.0	10.5	20.3	10.1	102.43
#TOTALS - NO. SAMPLES		5 - SMPLS	MISBRANDED	0 -	102.24
YOCUM FERTILIZER, INC		FAIRFAX, MO			
3611**	17.0- 5.5- 5.5	17.6	6.2	5.8	105.74
#TOTALS - NO. SAMPLES		1 - SMPLS	MISBRANDED	0 -	105.74
YOCUM SERVICE, INC		MOUND CITY, MO			
3720**	16.0- 7.0- 7.0	16.3	7.6	7.4	104.15
3235**	18.5- 5.7- 5.7	17.2	6.0	6.7	98.15
#TOTALS - NO. SAMPLES		3 - SMPLS	MISBRANDED	0 -	102.46
YOUNG'S AG SERVICE, INC		KEYTESVILLE, MO			
3007**	5.5- 9.5- 9.5	5.5	10.5	10.1	106.58
3008**	5.5- 9.5- 9.5	5.5	10.6	9.7	106.08
#TOTALS - NO. SAMPLES		2 - SMPLS	MISBRANDED	0 -	106.32

\* 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 35.

# Totals from July 1, 2002.

SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 03S#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Zn	
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
A & I AG CENTER, SEDALIA, MO																			
03-2715	21.0-9.5-12.5	....	....	....	....	1.0	1.6	....	....	....	....	....	....	....	....	....	....	....	....
03-2718	21.0-21.0-0.0	....	....	....	....	3.7	5.6	....	....	....	....	....	....	....	....	....	....	....	....
AG COOP SERVICES INC., LA MONTE, MO																			
03-3184	21.7-11.8-11.8	....	....	....	....	2.3	2.4	.19	.22	....	....	....	....	....	....	....	....	.33	.26*
AG COOP SERVICES INC., OTTERVILLE, MO																			
03-2204	18.0-14.5-14.5	....	....	....	....	4.0	4.2	....	....	....	....	....	....	....	....	....	....	....	....
AG DISTRIBUTORS, CATRON, MO																			
03-3481	12.3-10.8-29.4	....	....	....	....	3.7	4.2	.25	.24	....	....	....	....	....	....	....	....	....	....
AG DISTRIBUTORS, KENNETT, MO																			
03-3006	3.0-6.0-12.0	....	....	....	....	1.0	1.0	.10	.10	....	....	....	....	....	....	....	....	....	....
03-4130	10.0-5.0-10.0	....	....	....	....	1.0	1.1	.10	.08	....	....	....	....	....	....	....	....	....	....
03-4131	28.0-0.0-0.0	....	....	....	....	4.0	3.8	....	....	....	....	....	....	....	....	....	....	....	....
03-4132	28.0-0.0-0.0	....	....	....	....	4.0	3.8	....	....	....	....	....	....	....	....	....	....	....	....
03-4133	28.0-0.0-0.0	....	....	....	....	4.0	3.8	....	....	....	....	....	....	....	....	....	....	....	....
03-4335	21.2-4.7-16.4	....	....	....	....	2.3	3.0	.24	.28	....	....	....	....	....	....	....	....	....	....
AG DISTRIBUTORS, PORTAGEVILLE, MO																			
03-3717	33.0-0.0-0.0	....	....	....	....	1.6	2.1	....	....	....	....	....	....	....	....	....	....	....	....
AGRI-GRO MARKETING, INC., DONIPHAN, MO																			
03-3017	0.0-0.0-0.0	10.0	9.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
AGRILIANCE, LLC., ST. PAUL, MN																			
03-2647	32.0-3.0-10.0	....	....	....	....	3.0	4.2	.02	.03	....	....	.05	.25	.20	1.9	....	....	.05	.14
AGRISERVICES OF BRUNSWICK, LLC. WHOLESALE, BRUNSWICK, MO																			
03-1883	21.0-0.0-0.0	....	....	....	....	24.0	24.5	....	....	....	....	....	....	....	....	....	....	....	....
03-2568	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....
03-2988	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....
AGRISERVICES OF BRUNSWICK, LLC. WEST, BRUNSWICK, MO																			
03-2416	23.4-14.0-14.0	....	....	....	....	2.3	3.2	....	....	....	....	....	....	....	....	....	....	....	....
03-2993	4.2-8.4-12.6	....	....	....	....	3.1	3.3	....	....	....	....	....	....	....	....	....	....	....	....
03-2996	6.4-15.3-15.3	....	....	....	....	2.8	3.0	....	....	....	....	....	....	....	....	....	....	....	....
03-3434	3.6-7.1-17.0	....	....	....	....	2.8	2.8	....	....	....	....	....	....	....	....	....	....	....	....
03-3435	3.6-7.1-17.0	....	....	....	....	2.8	2.7	....	....	....	....	....	....	....	....	....	....	....	....
03-3442	19.5-7.8-7.8	....	....	....	....	1.3	1.3	....	....	....	....	....	....	....	....	....	....	....	....
03-3443	19.5-7.8-7.8	....	....	....	....	1.3	1.5	....	....	....	....	....	....	....	....	....	....	....	....
AGRO DISTRIBUTION, LLC., CARUTHERSVILLE, MO																			
03-4000	28.0-0.0-0.0	....	....	....	....	4.0	3.8	....	....	....	....	....	....	....	....	....	....	....	....
ALASKA FISH FERTILIZER CO., RENTON, WA																			
03-3896	5.0-1.0-1.0	....	....	....	....	....	....	....	....	4.0	3.2*	....	....	....	....	....	....	....	....
ALLJACK, DIV. OF UNITED IND., ST. LOUIS, MO																			
03-4374	30.0-10.0-10.0	....	....	....	....	....	....	.02	.03	....	....	.07	.07	.30	.31	.05	.04	.07	.06
AMERICAN PLANT FOOD INC., GALENA PARK, TX																			
03-2064	21.0-0.0-0.0	....	....	....	....	24.0	24.8	....	....	....	....	....	....	....	....	....	....	....	....
AMERICAN PLANT FOOD COMPANY, BRIDGETON, MO																			
03-3262	30.0-10.0-10.0	....	....	....	....	....	....	.02	.02	....	....	.07	.07	.32	.32	.05	.05	.07	.15
03-4204	15.0-30.0-15.0	....	....	....	....	....	....	.02	.02	....	....	.07	.07	.15	.16	.05	.05	.06	.07
ARRINGTON AG SERVICE, NEELYVILLE, MO																			
03-3959	0.0-7.9-47.3	....	....	....	....	3.6	3.8	....	....	....	....	....	....	....	....	....	....	....	....
B A S F CORPORATON, CHICAGO, IL																			
03-4286	21.0-0.0-0.0	....	....	....	....	24.0	24.4	....	....	....	....	....	....	....	....	....	....	....	....

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SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 03S#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Zn	
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
BACKES & TOELKE AGRI PRODUCTS INC., NEW HAVEN, MO																			
03-2437	10.0-28.0-22.0	....	....	....	....	2.5	2.7	....	....	....	....	....	....	....	....	....	....	....	....
BARTLETT & COMPANY, HIGGINSVILLE, Mo																			
03-2093	22.2-14.8-14.8	....	....	....	....	3.7	4.2	....	....	....	....	....	....	....	....	....	....	....	....
03-3044	27.2-11.3-11.3	....	....	....	....	3.4	2.9	....	....	....	....	....	....	....	....	....	....	....	....
BARTLETT & COMPANY, L.P., WAVERLY, MO																			
03-2075	18.7-7.8-0.0	....	....	....	....	3.1	3.4	....	....	....	....	....	....	....	....	....	....	....	....
03-2076	18.7-7.8-0.0	....	....	....	....	3.1	3.6	....	....	....	....	....	....	....	....	....	....	....	....
03-2385	29.6-0.0-0.0	....	....	....	....	3.0	3.1	....	....	....	....	....	....	....	....	....	....	....	....
03-3001	17.4-9.3-7.0	....	....	....	....	2.1	2.3	....	....	....	....	....	....	....	....	....	....	....	....
03-3003	20.5-5.9-5.9	....	....	....	....	1.5	1.7	....	....	....	....	....	....	....	....	....	....	....	....
03-3004	20.5-5.9-5.9	....	....	....	....	1.5	1.6	....	....	....	....	....	....	....	....	....	....	....	....
03-3011	29.0-0.0-0.0	....	....	....	....	3.0	2.6*	....	....	....	....	....	....	....	....	....	....	....	....
03-3012	29.0-0.0-0.0	....	....	....	....	3.0	3.0	....	....	....	....	....	....	....	....	....	....	....	....
03-3013	29.0-0.0-0.0	....	....	....	....	3.0	3.0	....	....	....	....	....	....	....	....	....	....	....	....
BAYER ADVANCED LLC., BIRMINGHAM, AL																			
03-3523	30.0-3.0-5.0	....	....	....	....	1.8	2.7	....	....	....	....	.10	.09	1.0	1.2	.10	.13	.10	.35
03-3768	30.0-3.0-4.0	....	....	....	....	1.8	2.3	....	....	....	....	....	....	....	....	....	....	....	....
03-3942	30.0-3.0-5.0	....	....	....	....	1.8	2.1	....	....	....	....	.10	.09	1.0	.85*	.10	.10	.10	.22
03-4230	12.0-18.0-6.0	....	....	....	....	11.0	12.1	....	....	....	....	....	....	....	....	....	....	....	....
BRASHEAR AG SERVICE, BRASHEAR, MO																			
03-3604	24.0-14.0-16.0	....	....	....	....	1.6	2.2	....	....	....	....	....	....	....	....	....	....	....	....
BOYLES FARM SERVICE, INC., FISK, MO																			
03-4433	28.0-6.0-8.0	....	....	....	....	6.0	8.2	....	....	....	....	....	....	....	....	....	....	....	....
CALCIUM PRODUCTS INC., GILMORE CITY, IA																			
03-3432	0.0-0.0-0.0	38.0	36.4	.50	.19*	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CANTON MILLS, INC., MINNESOTA CITY, MN																			
03-4073	0.0-3.0-0.0	20.0	22.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CARGILL INC.-FERTILIZER DIV., RIVERVIEW, FL																			
03-4078	0.0-0.0-50.0	....	....	....	....	17.0	18.0	....	....	....	....	....	....	....	....	....	....	....	....
CARNEAL FARM SUPPLY INC., BLAIRSTOWN, MO																			
03-2435	12.0-21.2-21.2	....	....	....	....	4.3	5.5	....	....	....	....	....	....	....	....	....	....	....	....
CENTRAL MISSOURI AGRISERVICE LLC., BLACKBURN, MO																			
03-3236	2.9-6.0-10.0	....	....	....	....	2.0	1.8	....	....	....	....	....	....	....	....	....	....	....	....
CENTRAL MISSOURI AGRISERVICE LLC., MALTA BEND, MO																			
03-3261	38.8-6.3-0.0	....	....	....	....	3.3	4.0	....	....	....	....	....	....	....	....	....	....	....	.50
03-3433	29.7-11.0-11.0	....	....	....	....	1.8	2.1	....	....	....	....	....	....	....	....	....	....	....	.46
CENTRAL MISSOURI AGRISERVICE LLC., MARSHALL, MO																			
03-2753	3.7-7.6-8.2	....	....	....	....	2.5	2.4	....	....	....	....	....	....	....	....	....	....	....	....
03-2754	4.2-9.2-12.7	....	....	....	....	2.4	2.4	....	....	....	....	....	....	....	....	....	....	....	.30
CHEM STAR AGRI PRODUCTS INC., PARMA, MO																			
03-4428	15.0-0.0-0.0	3.0	2.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
CHEMSICO- DIV. OF UNITED INDUSTRIES, ST. LOUIS, MO																			
03-2147	30.0-3.0-3.0	....	....	....	....	1.0	1.5	.02	.00*	....	....	.05	.05	2.0	2.4	.05	.05	.05	.09
03-2370	29.0-3.0-4.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.6	....	....	....	....
03-2659	29.0-3.0-4.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	.67*	....	....	....	....
03-3917	20.0-20.0-20.0	....	....	.50	.52	....	....	.02	.02	....	....	.05	.04	.10	.98	.05	.04	.05	.04
03-4164	30.0-3.0-3.0	....	....	....	....	1.0	1.4	.02	.03	....	....	.05	.13	2.0	2.5	.05	.10	.05	.28

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SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 03S#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Zn	
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
CONKLIN COMPANY, INC., SHAKOPEE, MN																			
03-3449	0.0-0.0-25.0	....	....	....	....	17.0	17.1	....	....	....	....	....	....	....	....	....	....	....	....
CROP PRODUCTION SERVICES, WESTBORO, MO																			
03-3284	6.5-32.0-20.0	....	....	....	....	4.0	7.2	....	....	....	....	....	....	....	....	....	....	....	....
03-4002	31.5-0.0-0.0	....	....	....	....	0.5	0.6	....	....	....	....	....	....	....	....	....	....	....	....
DEBRUCE AG SERVICE INC., DEARBORN, MO																			
03-3283	8.5-22.0-26.5	....	....	....	....	3.3	5.0	....	....	....	....	....	....	....	....	....	....	1.3	1.4
DEBRUCE FERTILIZER, KANSAS CITY, MO																			
03-2065	20.5-0.0-0.0	....	....	....	....	23.5	24.6	....	....	....	....	....	....	....	....	....	....	....	....
DELTA GROWERS ASSOCIATION, KEWANEE, MO																			
03-3634	10.2-9.8-31.5	....	....	....	....	4.3	4.8	.43	.40	....	....	....	....	....	....	....	....	....	....
DOMESTIC FERTILIZER, INC., PARIS, KY																			
03-3986	15.0-7.0-6.0	....	....	....	....	....	....	....	....	6.0	6.0	....	....	....	....	....	....	....	....
EAU CLAIRE COOP OIL COMPANY, EAU CLAIRE, WI																			
03-3679	25.0-3.0-5.0	....	....	....	....	5.6	5.4	....	....	....	....	....	....	2.0	3.0	....	....	....	....
FARMERS PRODUCE EXCHANGE-CONWAY, LEBANON, MO																			
03-3705	19.5-6.5-19.4	....	....	.61	.99	1.3	1.8	....	....	....	....	....	....	....	....	....	....	....	....
FLETCHER INDUSTRIES, GIDEON, MO																			
03-3613	27.0-5.0-0.0	....	....	....	....	2.0	2.2	....	....	....	....	....	....	....	....	....	....	....	....
FREE FLOW FERTILIZER, MAUMEE, OH																			
03-2146	30.0-3.0-4.0	....	....	....	....	3.2	3.9	....	....	....	....	....	....	....	....	....	....	....	....
03-2149	30.0-3.0-4.0	....	....	....	....	3.2	3.8	....	....	....	....	....	....	....	....	....	....	....	....
03-2247	10.0-20.0-10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.5	....	....	....	....
03-2272	32.0-3.0-5.0	....	....	....	....	4.4	5.1	....	....	....	....	....	....	1.0	1.4	....	....	....	....
03-2273	32.0-4.0-8.0	....	....	....	....	2.6	3.2	....	....	....	....	.10	.10	2.0	2.0	.10	.13	.10	.29
03-2285	28.0-3.0-3.0	....	....	....	....	3.6	4.3	....	....	....	....	....	....	....	....	....	....	....	....
03-2481	28.0-3.0-3.0	....	....	....	....	1.7	1.6	....	....	....	....	....	....	....	....	....	....	....	....
03-2648	32.0-3.0-5.0	....	....	....	....	4.3	2.8*	....	....	....	....	....	....	1.0	1.1	....	....	....	....
03-2658	29.0-3.0-4.0	....	....	....	....	3.8	4.3	....	....	....	....	....	....	2.0	2.1	....	....	....	....
FRIT INDUSTRIES, OZARK, AL																			
03-3895	0.0-0.0-0.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	36.0	37.7
03-3985	0.0-0.0-0.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	36.0	33.2
GARD'N-WISE DIST. INC., WICHITA, KS																			
03-2295	13.0-13.0-13.0	....	....	....	....	3.0	3.3	....	....	....	....	....	....	....	....	....	....	....	....
GLASGOW MFA, GLASGOW, MO																			
03-3286	5.0-25.0-24.0	....	....	....	....	6.0	7.8	....	....	....	....	....	....	....	....	....	....	.98	1.1
GLOBAL STONE JAMES RIVER, BUCHANAN, VA																			
03-2751	0.0-0.0-0.0	31.0	29.0*	4.0	4.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
GRO TEC, INC., COVINGTON, GA																			
03-2670	27.0-4.0-6.0	....	....	....	....	....	....	.02	.04	....	....	.05	.07	3.0	6.3	.10	.35	.10	.21
03-2680	18.0-24.0-6.0	....	....	....	....	....	....	.02	.04	....	....	.05	.04	.25	1.4	.10	.22	.10	.26
03-4259	27.0-4.0-6.0	....	....	....	....	....	....	.02	.04	....	....	.05	.10	3.0	4.8	.10	.48	.10	.28
03-4319	18.0-24.0-6.0	....	....	....	....	....	....	.02	.03	....	....	.05	.04	.25	1.4	.10	.20	.10	.16
GUIER CHEMICAL & FERTILIZER, HOUSTONIA, MO																			
03-3392	24.0-8.0-12.0	....	....	....	....	1.8	2.4	....	....	....	....	....	....	....	....	....	....	....	....
HELENA CHEMICAL COMPANY, CLARKTON, MO																			
03-4289	28.0-0.0-0.0	....	....	....	....	4.0	3.9	.16	.18	....	....	....	....	....	....	....	....	....	....
HELENA CHEMICAL COMPANY, HAYTI, MO																			
03-4297	41.0-0.0-0.0	....	....	....	....	4.8	6.7	....	....	....	....	....	....	....	....	....	....	....	....

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SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 03S#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Zn	
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
HELENA CHEMICAL COMPANY, NEW MADRID, MO																			
03-3631	13.6-0.0-32.6	....	....	....	....	5.4	6.2	.50	.54	....	....	....	....	....	....	....	....	....	....
HOELSCHER FERTILIZER & LIME, HUMANSVILLE, MO																			
03-2250	10.4-19.1-26.8	....	....	....	....	3.4	4.4	....	....	....	....	....	....	....	....	....	....	....	....
HOWARD JOHNSON'S ENTERPRISES, INC., MILWAUKEE, WI																			
03-1915	16.0-4.0-8.0	....	....	....	....	3.0	2.4*	....	....	....	....	....	....	2.0	2.5	....	....	....	....
03-2161	28.0-3.0-4.0	....	....	....	....	2.0	2.9	....	....	....	....	....	....	1.0	1.3	....	....	....	....
03-2163	26.0-3.0-4.0	....	....	....	....	2.0	2.5	....	....	....	....	....	....	1.0	1.6	....	....	....	....
03-2169	23.0-3.0-8.0	....	....	....	....	2.0	2.3	....	....	....	....	....	....	.70	1.1	....	....	....	....
03-2173	16.0-4.0-8.0	....	....	....	....	3.0	3.6	....	....	....	....	....	....	2.0	2.3	....	....	....	....
03-2279	30.0-3.0-5.0	....	....	....	....	....	....	....	....	....	....	....	....	2.0	2.8	....	....	....	....
03-2282	30.0-4.0-6.0	....	....	....	....	2.0	2.4	....	....	....	....	....	....	2.0	2.9	....	....	....	....
03-2287	25.0-3.0-5.0	....	....	....	....	2.8	3.1	....	....	....	....	....	....	2.0	2.2	....	....	....	....
03-2293	16.0-8.0-8.0	....	....	....	....	2.0	2.7	....	....	....	....	....	....	2.0	2.8	....	....	....	....
03-2294	15.0-5.0-10.0	....	....	....	....	....	....	.05	.04	....	....	.13	.12	1.2	2.6	.13	.19	.13	.22
03-2482	28.0-3.0-4.0	....	....	....	....	2.0	2.5	....	....	....	....	....	....	1.0	1.7	....	....	....	....
03-2483	28.0-3.0-4.0	....	....	....	....	2.0	2.6	....	....	....	....	....	....	1.0	1.1	....	....	....	....
03-2484	26.0-3.0-4.0	....	....	....	....	2.0	2.4	....	....	....	....	....	....	1.0	1.8	....	....	....	....
03-2489	16.0-4.0-8.0	....	....	....	....	3.0	3.1	....	....	....	....	....	....	2.0	2.4	....	....	....	....
03-2664	28.0-3.0-4.0	....	....	....	....	2.0	2.7	....	....	....	....	....	....	1.0	1.2	....	....	....	....
03-2665	28.0-3.0-4.0	....	....	....	....	2.0	2.2	....	....	....	....	....	....	1.0	1.3	....	....	....	....
03-2876	22.0-4.0-11.0	....	....	....	....	....	....	.05	.05	....	....	.13	.14	1.2	1.7	....	....	.13	.19
03-2878	15.0-5.0-10.0	....	....	....	....	....	....	.05	.03*	....	....	.13	.08*	1.2	1.5	.13	.15	.13	.14
03-2874	27.0-3.0-3.0	....	....	....	....	....	....	....	....	....	....	....	....	.70	.66	....	....	....	....
03-3674	28.0-3.0-4.0	....	....	....	....	2.0	2.6	....	....	....	....	....	....	1.0	1.7	....	....	....	....
03-3833	12.0-22.0-14.0	....	....	....	....	1.0	1.8	....	....	....	....	....	....	1.0	1.7	....	....	....	....
03-3854	28.0-3.0-4.0	....	....	....	....	2.5	2.8	....	....	....	....	....	....	1.0	1.6	....	....	....	....
03-3987	18.0-24.0-12.0	....	....	....	....	2.0	2.9	....	....	....	....	....	....	....	....	....	....	....	....
03-4067	28.0-3.0-4.0	....	....	....	....	2.0	2.7	....	....	....	....	....	....	1.0	0.8*	....	....	....	....
03-4257	28.0-3.0-4.0	....	....	....	....	2.0	2.7	....	....	....	....	....	....	1.0	1.3	....	....	....	....
03-4260	26.0-3.0-4.0	....	....	....	....	2.0	2.5	....	....	....	....	....	....	1.0	1.4	....	....	....	....
03-4261	23.0-3.0-8.0	....	....	....	....	2.0	2.1	....	....	....	....	....	....	.70	.81	....	....	....	....
03-4317	25.0-4.0-8.0	....	....	....	....	2.0	2.6	....	....	....	....	....	....	....	....	....	....	....	....
HOWARD JOHNSON'S ENTERPRISES INC., NEOSHO, MO																			
03-2105	10.0-20.0-10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.4	....	....	....	....
03-2165	25.0-3.0-3.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.6	....	....	....	....
03-2167	25.0-5.0-12.0	....	....	....	....	5.4	6.1	....	....	....	....	....	....	....	....	....	....	....	....
03-2170	23.0-3.0-8.0	....	....	....	....	2.0	2.0	....	....	....	....	....	....	.70	.95	....	....	....	....
03-2172	16.0-4.0-4.0	....	....	....	....	1.7	2.2	....	....	....	....	....	....	....	....	....	....	....	....
03-4203	19.0-0.0-19.0	10.0	11.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
03-4212	13.0-13.0-13.0	10.0	11.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
03-4218	13.0-13.0-13.0	10.0	11.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
HUMALFA, INC., SHATTUCK, OK																			
03-3948	1.5-1.5-2.0	....	....	.80	.38*	....	....	....	....	....	....	....	....	.40	.43	....	....	....	....
JAMES AGRI CENTER, INC., NEELYVILLE, MO																			
03-3912	33.0-0.0-0.0	....	....	....	....	12.0	12.3	....	....	....	....	....	....	....	....	....	....	....	....

\* 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. 03S#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Zn		
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	
KELLY LIMESTONE LLC., KIRKSVILLE, MO																				
03-4190	0.0-0.0-0.0	30.0	35.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
03-4287	0.0-0.0-0.0	17.0	20.8	....	....	14.0	16.4	....	....	....	....	....	....	....	....	....	....	....	....	
KEN-MO AGRICULTURE CENTER, INC., KENNETT, MO																				
03-4299	21.0-0.0-20.0	....	....	....	....	7.5	8.0	.41	.46	....	....	....	....	....	....	....	....	....	....	
LEBANON SEABORN CORPORATION, LEBANON, PA																				
03-2245	10.0-10.0-10.0	....	....	....	....	7.0	6.9	....	....	....	....	....	....	1.0	1.7	....	....	....	....	
03-3920	13.0-25.0-12.0	....	....	....	....	5.7	7.0	....	....	....	....	....	....	.50	1.2	....	....	....	....	
LESCO, INC.(MARTIN'S FERRY), STRONGVILLE, OH																				
03-2610	12.0-12.0-12.0	....	....	....	....	15.8	19.5	....	....	....	....	....	....	2.5	2.8	1.9	2.4	....	....	
LITTTRELL FEED & SEED, INC., THOMPSON, MO																				
03-3066	5.0-1.0-0.0	....	....	.10	.72	7.0	8.9	....	....	....	....	.010	.003*	....	....	....	....	.020	.007*	
LOGANBILL FERTILIZER INC., VERSAILLES, MO																				
03-2596	25.0-12.1-12.1	....	....	....	....	3.0	3.7	....	....	....	....	....	....	....	....	....	....	....	....	
MADISON COUNTY FARM SUPPLY INC., FREDERICKTOWN, MO																				
03-3483	12.0-12.0-12.0	12.0	12.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
03-3834	12.0-12.0-12.0	12.0	12.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
03-3858	3.0-5.0-4.0	15.0	21.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
03-4023	12.0-12.0-12.0	12.0	11.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
03-4024	12.0-12.0-12.0	12.0	11.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
03-4149	12.0-12.0-12.0	12.0	10.4*	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
03-4226	12.0-12.0-12.0	12.0	10.8*	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
03-4227	12.0-12.0-12.0	12.0	12.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
MAGIC GREEN CORPORATION, SILEX, MO																				
03-2492	0.0-0.0-24.0	14.0	15.2	....	....	5.0	10.0	....	....	....	....	....	....	....	....	....	....	....	....	
MEDOC VALLEY, INC., ORONOGO, MO																				
03-1738	6.7-17.3-28.1	....	....	2.7	3.5	5.5	7.4	....	....	....	....	....	....	....	....	....	....	....	....	
MFA AGRI SERVICES, BURLINGTON JCT, MO																				
03-2604	8.5-11.0-35.5	....	....	....	....	....	....	.59	.58	....	....	....	....	....	....	....	....	....	....	
MFA AGRI SERVICES, CALIFORNIA, MO																				
03-3079	4.3-11.2-44.8	....	....	....	....	....	....	.56	.59	....	....	....	....	....	....	....	....	....	....	
03-3080	4.3-11.2-44.8	....	....	....	....	....	....	.56	.57	....	....	....	....	....	....	....	....	....	....	
MFA AGRI SERVICES, HIGGINSVILLE, MO																				
03-1736	9.2-21.6-21.5	....	....	....	....	5.4	6.7	....	....	....	....	....	....	....	....	....	....	....	....	
03-3067	12.1-21.3-21.4	....	....	....	....	4.2	5.6	....	....	....	....	....	....	....	....	....	....	....	....	
03-3260	40.0-0.0-0.0	....	....	....	....	5.7	5.6	....	....	....	....	....	....	....	....	....	....	....	....	
MFA AGRI SERVICES, JEFFERSON CITY, MO																				
03-2802	13.6-14.5-29.8	....	....	....	....	0.5	1.6	....	....	....	....	....	....	....	....	....	....	....	.20	.29
MFA AGRI SERVICES, LEVASY, MO																				
03-3237	9.1-11.4-11.5	....	....	....	....	3.4	4.5	....	....	....	....	....	....	....	....	....	....	....	.48	.52
03-3241	12.6-0.0-0.0	....	....	....	....	7.6	7.7	....	....	....	....	....	....	....	....	....	....	....	1.0	1.0
MFA AGRI SERVICES, LEXINGTON, MO																				
03-2779	30.6-10.2-10.2	....	....	....	....	1.7	2.2	....	....	....	....	....	....	....	....	....	....	....	.34	.43
03-2781	29.8-9.9-9.9	....	....	....	....	2.0	3.2	....	....	....	....	....	....	....	....	....	....	....	.41	.40
03-2833	4.6-21.9-32.9	....	....	....	....	0.3	0.9	....	....	....	....	....	....	....	....	....	....	....	1.1	0.9*
03-3472	31.2-10.4-10.4	....	....	....	....	1.0	0.8	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3473	31.2-10.4-10.4	....	....	....	....	1.0	1.8	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3474	31.2-10.4-10.4	....	....	....	....	1.0	1.5	....	....	....	....	....	....	....	....	....	....	....	....	....

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SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 03S#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Zn		
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	
MFA AGRI SERVICES, MEXICO, MO																				
03-3056	18.3-12.2-24.4	....	....	....	....	0.4	0.9	....	....	....	....	....	....	....	....	....	....	....	1.5	1.4
MFA AGRI SERVICES, NORBORNE, MO																				
03-3440	18.0-9.0-2.0	....	....	....	....	2.0	2.4	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3441	18.0-9.0-2.0	....	....	....	....	2.0	2.1	....	....	....	....	....	....	....	....	....	....	....	....	....
MFA AGRI SERVICES, ODESSA, MO																				
03-3034	30.5-10.1-10.2	....	....	....	....	1.3	1.5	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3035	30.5-10.1-10.2	....	....	....	....	1.3	1.4	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3077	7.8-24.2-24.2	....	....	....	....	3.1	3.8	....	....	....	....	....	....	....	....	....	....	....	....	....
MFA AGRI SERVICES, ST. MARY, MO																				
03-2793	25.0-10.0-15.0	....	....	1.0	1.7	2.0	3.6	....	....	....	....	....	....	....	....	....	....	....	....	....
03-2794	25.0-10.0-15.0	....	....	1.0	1.4	2.0	2.8	....	....	....	....	....	....	....	....	....	....	....	....	....
MFA AGRI SERVICES, SALISBURY, MO																				
03-2595	25.0-11.0-15.9	....	....	....	....	2.3	2.6	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3487	12.6-29.3-19.1	....	....	....	....	1.2	2.6	....	....	....	....	....	....	....	....	....	....	....	....	....
MFA AGRI SERVICES, SPRINGFIELD, MO																				
03-2527	18.7-4.6-23.4	....	....	....	....	....	....	.23	.30	....	....	....	....	....	....	....	....	....	....	....
MFA AGRI SERVICES, TIPTON, MO																				
03-3069	10.1-26.0-26.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	.58
03-3070	10.1-26.0-26.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	.43*
MFA LIQUID TERMINAL, CARUTHERSVILLE, MO																				
03-3614	30.0-0.0-0.0	....	....	....	....	2.0	2.2	....	....	....	....	....	....	....	....	....	....	....	....	....
MFA PLANT FOODS,- CARDWELL COOP, CARDWELL, MO																				
03-3145	13.1-0.0-18.7	....	....	....	....	15.0	11.3*	.90	.93	....	....	....	....	....	....	....	....	....	....	....
MFA PLANT FOODS, COLUMBIA, MO																				
03-1882	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....
03-1884	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....
03-1885	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....
03-2063	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....
03-2066	0.0-0.0-0.0	22.0	21.8	....	....	16.0	17.9	....	....	....	....	....	....	....	....	....	....	....	....	....
03-2425	18.0-18.0-18.0	2.3	2.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
03-2432	6.0-24.0-24.0	2.5	6.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
03-2574	12.0-0.0-0.0	....	....	....	....	26.0	24.3*	....	....	....	....	....	....	....	....	....	....	....	....	....
03-2607	13.0-13.0-13.0	10.0	11.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
03-2608	13.0-13.0-13.0	10.0	12.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
03-2619	6.0-24.0-24.0	2.5	5.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3231	21.0-0.0-0.0	....	....	....	....	24.0	24.5	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3266	20.0-10.0-10.0	8.0	12.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3273	13.0-13.0-13.0	10.0	11.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3425	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3426	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3431	0.0-0.0-22.0	....	....	10.0	10.2	21.0	21.4	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3718	21.0-0.0-0.0	....	....	....	....	24.0	24.7	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3743	20.0-10.0-10.0	8.0	8.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3830	13.0-13.0-13.0	10.0	12.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3960	0.0-0.0-22.0	....	....	11.0	10.2*	22.0	21.2	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3961	0.0-0.0-22.0	....	....	11.0	10.5	22.0	21.0	....	....	....	....	....	....	....	....	....	....	....	....	....
03-4076	0.0-0.0-21.0	....	....	10.0	11.3	21.0	22.5	....	....	....	....	....	....	....	....	....	....	....	....	....

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		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
MFA PLANT FOODS, COLUMBIA, MO																			
03-4077	0.0-0.0-22.0	....	....	11.0	11.3	22.0	22.9	....	....	....	....	....	....	....	....	....	....	....	....
03-4127	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....
03-4189	21.0-0.0-0.0	....	....	....	....	24.0	24.5	....	....	....	....	....	....	....	....	....	....	....	....
03-4285	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....
03-4339	21.0-0.0-0.0	....	....	....	....	24.0	23.8	....	....	....	....	....	....	....	....	....	....	....	....
MFA PLANT FOODS, CARUTHERSVILLE, MO																			
03-3429	21.0-0.0-0.0	....	....	....	....	24.0	24.6	....	....	....	....	....	....	....	....	....	....	....	....
03-3582	21.0-0.0-0.0	....	....	....	....	24.0	24.6	....	....	....	....	....	....	....	....	....	....	....	....
03-3583	21.0-0.0-0.0	....	....	....	....	24.0	24.5	....	....	....	....	....	....	....	....	....	....	....	....
03-3983	21.0-0.0-0.0	....	....	....	....	24.0	24.5	....	....	....	....	....	....	....	....	....	....	....	....
MIDVALE FARM SUPPLY, SUMMERSVILLE, MO																			
03-4075	0.0-0.0-0.0	20.0	20.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
MIDWEST AGRI-CHEMICO, INC., CAPE GIRARDEAU, MO																			
03-2991	20.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....
03-3430	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....
03-3866	0.0-0.0-22.0	....	....	11.0	11.4	22.0	22.7	....	....	....	....	....	....	....	....	....	....	....	....
03-4288	28.0-0.0-0.0	....	....	....	....	4.0	4.2	....	....	....	....	....	....	....	....	....	....	....	....
MILORGANITE DIVISION-MMSD., MILWAUKEE, WI																			
03-2301	6.0-2.0-0.0	1.2	1.7	....	....	....	....	....	....	....	....	....	....	4.0	4.7	....	....	....	....
03-2684	6.0-2.0-0.0	1.2	1.7	....	....	....	....	....	....	....	....	....	....	4.0	4.9	....	....	....	....
03-2879	6.0-2.0-0.0	1.2	1.5	....	....	....	....	....	....	....	....	....	....	4.0	4.8	....	....	....	....
03-3684	6.0-2.0-0.0	1.2	1.5	....	....	....	....	....	....	1.0	0.5*	....	....	4.0	4.4	....	....	....	....
03-3950	6.0-2.0-0.0	1.2	1.6	....	....	....	....	....	....	....	....	....	....	4.0	4.7	....	....	....	....
03-4069	6.0-2.0-0.0	1.2	1.8	....	....	....	....	....	....	....	....	....	....	4.0	4.9	....	....	....	....
MIRACLE-GRO LAWN PRODUCTS, INC., MARYSVILLE, OH																			
03-1967	29.0-3.0-4.0	....	....	....	....	2.9	3.6	....	....	....	....	....	....	....	....	....	....	....	....
03-1969	28.0-3.0-3.0	....	....	....	....	2.8	3.3	....	....	....	....	....	....	....	....	....	....	....	....
03-1970	27.0-3.0-6.0	....	....	....	....	3.0	3.2	....	....	....	....	....	....	....	....	....	....	....	....
03-2145	30.0-3.0-4.0	....	....	....	....	3.0	4.1	....	....	....	....	....	....	....	....	....	....	....	....
03-2152	29.0-3.0-4.0	....	....	....	....	2.9	3.5	....	....	....	....	....	....	....	....	....	....	....	....
03-2160	28.0-3.0-3.0	....	....	....	....	2.8	3.8	....	....	....	....	....	....	....	....	....	....	....	....
03-2283	29.0-3.0-4.0	....	....	....	....	2.9	3.3	....	....	....	....	....	....	....	....	....	....	....	....
03-2290	20.0-27.0-5.0	....	....	....	....	2.0	3.4	....	....	....	....	....	....	....	....	....	....	....	....
03-2480	28.0-3.0-3.0	....	....	....	....	2.8	3.5	....	....	....	....	....	....	....	....	....	....	....	....
03-2487	20.0-27.0-5.0	....	....	....	....	2.0	3.3	....	....	....	....	....	....	....	....	....	....	....	....
03-2657	29.0-3.0-4.0	....	....	....	....	2.9	3.5	....	....	....	....	....	....	....	....	....	....	....	....
03-2666	28.0-3.0-3.0	....	....	....	....	2.8	3.4	....	....	....	....	....	....	....	....	....	....	....	....
03-2804	15.0-30.0-15.0	....	....	....	....	....	....	.02	.02	....	....	.07	.10	.15	.20	.05	.05	.06	.07
03-3311	29.0-3.0-4.0	....	....	....	....	2.9	3.8	....	....	....	....	....	....	....	....	....	....	....	....
03-3320	20.0-27.0-5.0	....	....	....	....	2.0	3.6	....	....	....	....	....	....	....	....	....	....	....	....
03-3526	28.0-3.0-3.0	....	....	....	....	2.8	2.9	....	....	....	....	....	....	....	....	....	....	....	....
03-3671	30.0-3.0-4.0	....	....	....	....	3.0	4.0	....	....	....	....	....	....	....	....	....	....	....	....
03-3672	29.0-3.0-4.0	....	....	....	....	....	....	....	....	....	....	....	....	2.9	.60*	....	....	....	....
03-3677	28.0-3.0-3.0	....	....	....	....	....	....	....	....	....	....	....	....	2.8	.06*	....	....	....	....
03-4066	29.0-3.0-4.0	....	....	....	....	2.9	3.4	....	....	....	....	....	....	....	....	....	....	....	....
03-4394	29.0-3.0-4.0	....	....	....	....	2.9	3.0	....	....	....	....	....	....	....	....	....	....	....	....

\* 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. 03S#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Zn		
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	
MO VALLEY AGRI SERVICE, ROCK PORT, MO																				
03-2017	23.0-12.0-9.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.74	.61*
MRM AG SERVICE INC., EAST PRAIRIE, MO																				
03-3488	11.0-28.0-18.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.4	3.0
NA-CHURS/ALPINE SOLUTIONS, RED OAK, IA																				
03-3725	3.0-18.0-18.0	....	....	....	....	1.0	1.1	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3726	9.0-18.0-9.0	....	....	....	....	1.0	1.1	....	....	....	....	....	....	....	....	....	....	....	....	....
OAKLEY FERTILIZER INC., N LITTLE ROCK, AR																				
03-2569	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....	....
03-2750	20.0-0.0-0.0	....	....	....	....	24.0	24.4	....	....	....	....	....	....	....	....	....	....	....	....	....
OAKLEY MISSOURI INC., CARUTHERSVILLE, MO																				
03-3230	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3428	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3982	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....	....
03-4338	21.0-0.0-0.0	....	....	....	....	24.0	24.5	....	....	....	....	....	....	....	....	....	....	....	....	....
03-4427	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....	....
ORRICK FARM SERVICE, INC., ORRICK, MO																				
03-3436	4.5-10.4-11.6	....	....	....	....	2.3	2.1	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3437	4.5-10.4-11.6	....	....	....	....	2.3	2.6	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3447	20.0-5.1-5.1	....	....	....	....	1.1	1.7	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3727	29.9-0.0-0.0	....	....	....	....	2.4	2.5	....	....	....	....	....	....	....	....	....	....	....	....	....
PILOT GROVE COOPERATIVE ELEVATOR, PILOT GROVE, MO																				
03-2108	11.0-28.0-17.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.0	2.9
PURSELL INDUSTRIES, ST LOUIS, MO																				
03-1965	30.0-3.0-3.0	....	....	....	....	1.0	1.5	.02	.03	....	....	.05	.17	2.0	3.6	.05	.31	.05	.28	....
03-1973	24.0-3.0-12.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	....
03-2271	36.0-3.0-4.0	....	....	....	....	1.0	1.5	....	....	....	....	....	....	....	....	....	....	....	....	....
03-2276	30.0-3.0-3.0	....	....	....	....	1.0	1.6	.02	.06	....	....	.05	.25	2.0	2.8	.05	.24	.05	.53	....
03-2288	24.0-3.0-12.0	....	....	....	....	10.0	5.0*	....	....	....	....	....	....	....	....	....	....	....	....	....
03-2488	18.0-24.0-10.0	....	....	....	....	....	....	.02	.02	....	....	.05	.07	.10	.94	.05	.11	.05	.13	....
03-2649	30.0-3.0-3.0	....	....	....	....	1.0	1.3	.02	.04	....	....	.05	.19	2.0	3.1	.05	.16	.05	.29	....
03-2875	24.0-3.0-12.0	....	....	....	....	10.0	10.2	....	....	....	....	....	....	....	....	....	....	....	....	....
03-3772	29.0-2.0-5.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.2	....	....	....	....	....
03-4393	30.0-3.0-3.0	....	....	....	....	1.0	1.5	.02	.04	....	....	.05	.32	2.0	3.2	.05	.16	.05	.36	....
QMI FERTILIZER & GRAIN, INC., PARMA, MO																				
03-3482	11.0-23.0-23.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.80	.99
03-4179	25.4-0.0-0.0	....	....	....	....	14.3	14.3	.30	.31	....	....	....	....	....	....	....	....	....	....	....
RAY-CARROLL COUNTY GRAIN GROWERS, BRUNSWICK, MO																				
03-2622	8.9-22.3-27.9	....	....	....	....	5.6	6.0	....	....	....	....	....	....	....	....	....	....	....	....	....
03-2623	8.9-22.3-27.9	....	....	....	....	5.6	6.5	....	....	....	....	....	....	....	....	....	....	....	....	....
RAY-CARROLL COUNTY GRAIN GROWERS, HARDIN, MO																				
03-3799	12.1-20.2-24.2	....	....	....	....	4.0	4.5	....	....	....	....	....	....	....	....	....	....	....	....	....
RAY-CARROLL COUNTY GRAIN GROWERS, MAYVIEW, MO																				
03-3914	29.0-11.5-11.5	....	....	....	....	1.4	1.6	....	....	....	....	....	....	....	....	....	....	....	....	....
RAY-CARROLL COUNTY GRAIN GROWERS, NORBORNE, MO																				
03-2776	41.7-0.0-0.0	....	....	....	....	8.3	8.7	....	....	....	....	....	....	....	....	....	....	....	....	....

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SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 03S#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Zn	
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
RICKETTS FARM SERVICE INC., SALISBURY, MO																			
03-2571	15.3-9.1-9.1	....	....	....	....	3.0	3.3	....	....	....	....	....	....	....	....	....	....	....	....
03-2572	15.3-9.1-9.1	....	....	....	....	3.0	3.2	....	....	....	....	....	....	....	....	....	....	....	....
03-2994	5.5-14.2-19.0	....	....	....	....	1.5	1.8	....	....	....	....	....	....	....	....	....	....	....	....
03-2995	5.5-14.2-19.0	....	....	....	....	1.5	1.9	....	....	....	....	....	....	....	....	....	....	....	....
03-2997	6.4-15.2-15.2	....	....	....	....	3.0	2.9	....	....	....	....	....	....	....	....	....	....	....	....
03-2998	6.4-15.2-15.2	....	....	....	....	3.0	3.2	....	....	....	....	....	....	....	....	....	....	....	....
RIVER BEND AG LLC., NEW MADRID, MO																			
03-3427	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....
03-3719	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....
03-3815	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....
03-3816	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....
03-3984	21.0-0.0-0.0	....	....	....	....	24.0	23.9	....	....	....	....	....	....	....	....	....	....	....	....
03-4188	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....
ROOTS INC., INDEPENDENCE, MO																			
03-2376	2.0-2.0-0.0	....	....	....	....	7.0	5.4*	....	....	....	....	....	....	8.0	8.5	....	....	....	....
03-2377	4.0-4.0-5.0	....	....	....	....	6.0	3.8*	....	....	....	....	....	....	6.0	6.2	....	....	....	....
03-2378	0.0-3.0-5.0	....	....	1.8	1.8	3.0	3.4	.02	.03	....	....	....	....	5.0	5.3	1.2	1.2	.50	.53
03-2379	0.0-5.0-8.0	....	....	....	....	....	....	....	....	....	....	....	....	8.0	8.5	....	....	....	....
03-2490	8.0-2.0-6.0	1.0	2.0	.50	1.0	1.0	3.6	....	....	....	....	.10	.22	1.0	2.3	.10	.24	.10	.26
03-2491	3.0-3.0-4.0	9.0	10.1	.80	.54*	1.5	1.4	....	....	....	....	....	....	1.0	1.3	....	....	....	....
J.P. ROSS COTTON COMPANY INC., ESSEX, MO																			
03-3480	17.2-12.2-22.1	....	....	....	....	2.5	3.4	.25	.26	....	....	....	....	....	....	....	....	.49	.84
ROYSTER-CLARK AGRIBUSINESS, INC., CLARENCE, MO																			
03-1795	32.0-1.0-0.0	....	....	....	....	2.8	2.5	....	....	....	....	....	....	....	....	....	....	.30	.29
ROYSTER-CLARK AGRIBUSINESS, INC., COLLINSVILLE, IL																			
03-1886	21.0-0.0-0.0	....	....	....	....	24.0	24.2	....	....	....	....	....	....	....	....	....	....	....	....
03-2062	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....
03-2357	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....
03-3748	13.0-13.0-13.0	....	....	....	....	7.0	10.5	....	....	....	....	....	....	.10	.24	....	....	....	....
03-3831	13.0-13.0-13.0	....	....	....	....	7.0	10.4	....	....	....	....	....	....	.10	.23	....	....	....	....
03-3832	13.0-13.0-13.0	....	....	1.0	1.4	9.0	11.1	.05	.07	....	....	....	....	....	....	.20	.33	.20	.36
03-3921	13.0-13.0-13.0	....	....	....	....	7.0	10.5	....	....	....	....	....	....	.25	.28	....	....	....	....
ROYSTER-CLARK, AGRIBUSINESS, INC., NEW FRANKLIN, MO																			
03-3586	21.0-0.0-0.0	....	....	....	....	24.0	24.3	....	....	....	....	....	....	....	....	....	....	....	....
03-4001	29.0-0.0-0.0	....	....	....	....	3.0	3.4	....	....	....	....	....	....	....	....	....	....	....	....
SCHULTZ COMPANY, BRIDGETON, MO																			
03-1968	29.0-3.0-3.0	....	....	....	....	5.0	8.0	....	....	....	....	....	....	1.0	1.0	....	....	....	....
03-2681	14.0-1.0-6.0	1.0	1.4	....	....	....	....	....	....	....	....	....	....	1.0	1.3	....	....	....	....
03-2873	28.0-3.0-4.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.6	....	....	....	....
03-3321	14.0-1.0-6.0	1.0	1.3	....	....	....	....	....	....	....	....	....	....	1.0	1.2	....	....	....	....
03-3681	14.0-1.0-6.0	1.0	1.5	....	....	....	....	....	....	....	....	....	....	1.0	1.7	....	....	....	....
03-3740	4.0-0.0-0.0	....	....	7.5	7.9	10.0	15.6	....	....	....	....	....	....	....	....	....	....	....	....
03-3822	10.0-15.0-10.0	....	....	....	....	....	....	....	....	....	....	....	....	.10	.08*	.05	.04	.05	.05
03-4068	14.0-1.0-6.0	1.0	1.3	....	....	....	....	....	....	....	....	....	....	1.0	1.3	....	....	....	....
03-4167	14.0-1.0-6.0	1.0	1.4	....	....	....	....	....	....	....	....	....	....	1.0	1.7	....	....	....	....
03-4221	12.0-8.0-10.0	....	....	....	....	2.0	3.2	.02	.03	....	....	....	....	.05	.05	1.0	1.8	.10	.15
SCOTTS-SIERRA HORTICULTURAL PROD. COMPANY, MARYSVILE, OH																			
03-2248	9.0-45.0-15.0	....	....	.10	.17	....	....	.007	.014	....	....	.004	.004	.050	.049	.025	.027	.003	.003

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SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 03S#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Zn	
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
SCOTTS-SIERRA HORTICULTURAL PROD. COMPANY, MARYSVILE, OH																			
03-3944	19.0-5.0-9.0	....	....	1.2	1.5	7.0	4.8*	....	....	....	....	....	....	.80	1.1	.30	.45	.10	.23
03-3946	15.0-9.0-12.0	....	....	1.0	1.9	2.3	3.2	.02	.02	....	....	....	....	.45	.43	.06	.08	.05	.05
SERVICE AND SUPPLY COOPERATIVE, INC., VANDALIA, MO																			
03-4064	24.2-14.5-14.5	....	....	....	....	2.4	2.9	....	....	....	....	....	....	....	....	....	....	....	....
J.R. SIMPLOT COMPANY-ST. LOUIS, LATHROP, CA																			
03-2655	30.0-2.0-10.0	....	....	....	....	1.7	2.0	....	....	....	....	.10	.02*	2.0	1.1*	.25	.02*	.10	.04*
03-2675	22.0-2.0-22.0	....	....	....	....	3.6	3.9	....	....	....	....	.10	.09	1.0	.95	.25	.22	.10	.08*
03-2676	20.0-3.0-18.0	....	....	....	....	6.1	7.6	....	....	....	....	.10	.10	1.0	1.2	.25	.33	.10	.17
03-2677	20.0-10.0-20.0	....	....	....	....	....	....	....	....	....	....	....	....	4.0	4.9	....	....	....	....
SOUTHEAST COOPERATIVE SERVICE CO., MOREHOUSE, MO																			
03-3893	21.0-0.0-0.0	....	....	....	....	24.0	24.1	....	....	....	....	....	....	....	....	....	....	....	....
SPECTRUM GROUP, DIV. OF UNITED IND., ST. LOUIS, MO																			
03-2805	20.0-20.0-20.0	....	....	.50	.50	....	....	.02	.02	....	....	.05	.04	.10	.10	.05	.04	.05	.04
ST JOSEPH AGRI SERVICES, INC., ST JOSEPH, MO																			
03-3823	18.5-6.0-6.0	....	....	....	....	1.8	2.1	....	....	....	....	....	....	....	....	....	....	....	....
STOKES-MAYBERRY GIN CO. INC., MALDEN, MO																			
03-4305	6.0-6.0-12.0	....	....	....	....	4.5	5.3	.30	.33	....	....	....	....	....	....	....	....	....	....
SUR-GRO PLANT FOOD, BURLINGTON JCT., MO																			
03-2203	16.0-6.0-14.0	....	....	....	....	5.0	7.6	.08	.17	....	....	....	....	....	....	....	....	.17	.48
SUR-GRO PLANT FOOD, FOREST CITY, MO																			
03-2732	26.6-4.9-4.9	....	....	....	....	4.9	5.7	....	....	....	....	....	....	....	....	....	....	.06	.78
SUR-GRO PLANT FOOD, PLATTSBURG, MO																			
03-2989	21.0-0.0-0.0	....	....	....	....	24.0	23.8	....	....	....	....	....	....	....	....	....	....	....	....
03-2990	21.0-0.0-0.0	....	....	....	....	24.0	24.5	....	....	....	....	....	....	....	....	....	....	....	....
T AND N INC., FORISTELL, MO																			
03-4225	12.0-12.0-12.0	10.0	12.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
THE ANDERSONS LAWN FERTILIZER DIVISION, MAUMEE, OH																			
03-3271	18.0-3.0-7.0	....	....	....	....	1.5	2.4	....	....	....	....	....	....	....	....	....	....	....	....
THE SCOTTS COMPANY, MARYSVILE, OH																			
03-1963	32.0-3.0-8.0	....	....	....	....	2.9	3.7	....	....	....	....	....	....	....	....	....	....	....	....
03-1964	31.0-3.0-8.0	....	....	....	....	3.6	3.9	....	....	....	....	....	....	1.0	1.2	.50	.74	....	....
03-1966	30.0-3.0-3.0	....	....	....	....	4.5	7.0	....	....	....	....	....	....	1.8	2.1	.90	1.1	....	....
03-1974	24.0-3.0-12.0	....	....	....	....	10.0	8.4*	....	....	....	....	....	....	....	....	....	....	....	....
03-2148	30.0-3.0-3.0	....	....	....	....	4.5	7.6	....	....	....	....	....	....	1.8	1.7	.90	.94	....	....
03-2150	30.0-3.0-4.0	....	....	....	....	8.5	8.6	....	....	....	....	....	....	....	....	....	....	....	....
03-2153	29.0-3.0-4.0	....	....	....	....	6.0	9.0	....	....	....	....	....	....	1.0	1.1	.50	.67	....	....
03-2154	29.0-3.0-4.0	....	....	....	....	6.0	8.6	....	....	....	....	....	....	1.0	1.2	.50	.81	....	....
03-2157	29.0-3.0-3.0	....	....	....	....	9.0	10.7	....	....	....	....	....	....	....	....	....	....	....	....
03-2168	24.0-3.0-12.0	....	....	....	....	10.0	11.0	....	....	....	....	....	....	....	....	....	....	....	....
03-2274	31.0-3.0-9.0	....	....	....	....	3.5	3.9	....	....	....	....	....	....	2.0	2.7	....	....	....	....
03-2275	30.0-3.0-3.0	....	....	....	....	4.5	7.6	....	....	....	....	....	....	1.8	2.1	.90	1.0	....	....
03-2277	30.0-3.0-4.0	....	....	....	....	8.5	8.4	....	....	....	....	....	....	....	....	....	....	....	....
03-2278	30.0-3.0-4.0	....	....	....	....	8.5	8.6	....	....	....	....	....	....	....	....	....	....	....	....
03-2284	29.0-3.0-4.0	....	....	....	....	6.0	8.8	....	....	....	....	....	....	1.0	1.2	.50	.56	....	....
03-2473	31.0-3.0-9.0	....	....	....	....	3.5	3.7	....	....	....	....	....	....	2.0	2.7	....	....	....	....
03-2474	31.0-3.0-10.0	....	....	....	....	....	....	....	....	....	....	....	....	1.0	1.5	....	....	....	....
03-2475	30.0-3.0-3.0	....	....	....	....	4.5	6.8	....	....	....	....	....	....	1.8	2.1	.90	1.0	....	....

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SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 03S#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Zn	
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
THE SCOTTS COMPANY, MARYSVILLE, OH																			
03-2476	30.0-3.0-4.0	....	....	....	....	8.5	8.6	....	....	....	....	....	....	....	....	....	....	....	....
03-2486	21.0-3.0-3.0	....	....	....	....	2.5	3.4	....	....	....	....	....	....	....	....	....	....	....	....
03-2650	30.0-3.0-3.0	....	....	....	....	4.5	7.2	....	....	....	....	....	....	1.8	2.1	.90	1.0	....	....
03-2651	30.0-3.0-4.0	....	....	....	....	8.5	8.9	....	....	....	....	....	....	....	....	....	....	....	....
03-2653	30.0-3.0-4.0	....	....	....	....	8.5	8.8	....	....	....	....	....	....	....	....	....	....	....	....
03-2663	28.0-3.0-8.0	....	....	....	....	7.0	10.6	....	....	....	....	....	....	1.0	.07*	.50	.002*	....	....
03-2669	28.0-3.0-3.0	....	....	....	....	11.0	11.6	....	....	....	....	....	....	....	....	....	....	....	....
03-2864	30.0-3.0-3.0	....	....	....	....	4.5	7.0	....	....	....	....	....	....	....	....	.90	.94	....	....
03-2867	30.0-3.0-4.0	....	....	....	....	8.5	9.1	....	....	....	....	....	....	....	....	....	....	....	....
03-2871	28.0-3.0-3.0	....	....	....	....	11.0	12.0	....	....	....	....	....	....	....	....	....	....	....	....
03-3313	29.0-3.0-4.0	....	....	....	....	6.0	8.4	....	....	....	....	....	....	1.0	1.1	.50	.64	....	....
03-3317	28.0-3.0-3.0	....	....	....	....	11.0	11.9	....	....	....	....	....	....	....	....	....	....	....	....
03-3319	28.0-3.0-8.0	....	....	....	....	8.8	9.6	....	....	....	....	....	....	....	....	....	....	....	....
03-3524	29.0-3.0-4.0	....	....	....	....	6.0	8.4	....	....	....	....	....	....	1.0	1.1	.50	.58	....	....
03-3673	29.0-3.0-4.0	....	....	....	....	6.0	8.5	....	....	....	....	....	....	1.0	1.2	....	....	....	....
03-3675	28.0-3.0-3.0	....	....	....	....	11.0	12.0	....	....	....	....	....	....	....	....	....	....	....	....
03-3676	28.0-3.0-3.0	....	....	....	....	11.0	11.8	....	....	....	....	....	....	....	....	....	....	....	....
03-3770	29.0-3.0-4.0	....	....	....	....	6.0	9.2	....	....	....	....	....	....	1.0	1.1	.05	.57	....	....
03-3943	29.0-3.0-4.0	....	....	....	....	6.0	8.2	....	....	....	....	....	....	1.0	1.2	.50	.60	....	....
03-4255	29.0-3.0-4.0	....	....	....	....	6.0	8.2	....	....	....	....	....	....	1.0	1.0	.50	.57	....	....
03-4258	28.0-3.0-3.0	....	....	....	....	11.0	11.1	....	....	....	....	....	....	....	....	....	....	....	....
03-4375	30.0-10.0-10.0	....	....	....	....	....	....	.02	.03	....	....	.07	.15	.32	.41	.05	.10	.07	.14
03-4396	27.0-3.0-4.0	....	....	....	....	8.0	9.2	....	....	....	....	....	....	2.0	2.2	1.0	1.1	....	....
TIGER-SUNBELT INDUSTRIES, INC., ATMORE, AL																			
03-3894	0.0-0.0-0.0	....	....	....	....	90.0	90.6	....	....	....	....	....	....	....	....	....	....	....	....
UAP/MIDSOUTH, COOTER, MO																			
03-3632	12.0-12.0-25.0	....	....	....	....	4.0	4.8	.40	.11*	....	....	....	....	....	....	....	....	....	....
UAP/MIDSOUTH, SENATH, MO																			
03-4373	39.0-0.0-0.0	....	....	....	....	6.0	5.9	.50	.53	....	....	....	....	....	....	....	....	....	....
UAP/MIDSOUTH, SIKESTON, MO																			
03-3911	33.0-0.0-0.0	....	....	....	....	9.5	10.0	.99	.80*	....	....	....	....	....	....	....	....	....	....
UNITED HORTICULTURAL SUPPLY (UHS), GARDEN CITY, KS																			
03-3636	13.0-13.0-13.0	....	....	....	....	3.0	3.4	....	....	....	....	....	....	....	....	....	....	....	....
UNITED SUPPLIERS, INC., ELDORA, IA																			
03-3584	21.0-0.0-0.0	....	....	....	....	24.0	24.0	....	....	....	....	....	....	....	....	....	....	....	....
VAN DIEST SUPPLY COMPANY, WEBSTER CITY, IA																			
03-2662	28.0-5.0-12.0	....	....	....	....	7.4	8.5	....	....	....	....	....	....	....	....	....	....	....	....
VOLUNTARY PURCHASING GROUPS, BONHAM, TX																			
03-1971	25.0-4.0-4.0	....	....	....	....	....	....	.02	.01	....	....	.05	.03*	.10	.91	.05	.04	.05	.03*
03-2162	28.0-4.0-4.0	....	....	....	....	....	....	.02	.02	....	....	.05	.04	.10	.66	.05	.05	.05	.05
03-2164	25.0-4.0-4.0	....	....	....	....	....	....	.02	.02	....	....	.05	.04	.10	1.1	.05	.05	.05	.04
03-2286	28.0-4.0-4.0	....	....	....	....	....	....	.02	.02	....	....	.05	.04	.10	.85	.05	.05	.05	.03*
03-2296	9.0-13.0-7.0	....	....	....	....	....	....	.02	.02	....	....	.05	.03*	.10	1.9	.05	.05	.05	.04
03-2297	9.0-13.0-7.0	....	....	....	....	....	....	.02	.02	....	....	.05	.04	.10	1.8	.05	.06	.05	.04
03-3644	9.0-13.0-7.0	....	....	....	....	....	....	.02	.01*	....	....	.05	.03*	.10	1.8	.05	.04	.05	.02*
03-3678	25.0-4.0-4.0	....	....	....	....	....	....	.02	.02	....	....	.05	.04	.10	.90	.05	.04	.05	.04
03-3680	16.0-4.0-8.0	....	....	....	....	2.0	11.0	....	....	....	....	....	....	....	....	....	....	....	....
03-3855	25.0-4.0-4.0	....	....	....	....	....	....	.02	.02	....	....	.05	.04	.10	1.0	.05	.05	.05	.04

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SECONDARY AND MICRONUTRIENTS IN FERTILIZER

Lab No. 03S#	Grade	% Ca		% Mg		% S		% B		% Cl		% Cu		% Fe		% Mn		% Zn	
		G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F	G	F
VOLUNTARY PURCHASING GROUPS, BONHAM, TX																			
03-3856	9.0-13.0-7.0	....	....	....	....	....	....	.02	.00*	....	....	.05	.00*	.10	1.7	.05	.01*	.05	.00*
03-3945	16.0-4.0-8.0	....	....	....	....	2.0	12.0	....	....	....	....	....	....	....	....	....	....	....	....
03-4256	28.0-4.0-4.0	....	....	....	....	....	....	.02	.02	....	....	.05	.04	.10	.55	.05	.05	.05	.05
WORTHINGTON AG SERVICE, INC., WORTHINGTON, MO																			
03-2795	25.0-13.5-13.5	....	....	....	....	4.3	4.7	....	....	....	....	....	....	....	....	....	....	....	....
YOCUM FERTILIZER, INC., FAIRFAX, MO																			
03-3611	17.0-5.5-5.5	....	....	....	....	1.4	1.8	....	....	....	....	....	....	....	....	....	....	....	....
YOCUM SERVICE, INC., MOUND CITY, MO																			
03-3235	18.5-5.7-5.7	....	....	....	....	1.4	1.6	....	....	....	....	....	....	....	....	....	....	....	....
03-3720	16.0-7.0-7.0	....	....	....	....	1.4	1.7	....	....	....	....	....	....	....	....	....	....	....	....
YOUNG'S AG SERVICE INC., KEYTESVILLE, MO																			
03-3007	5.5-9.5-9.5	....	....	....	....	2.5	3.1	....	....	....	....	....	....	....	....	....	....	....	....
03-3008	5.5-9.5-9.5	....	....	....	....	2.5	3.0	....	....	....	....	....	....	....	....	....	....	....	....

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## Additional Fertilizer & Ag Lime Funded Research Topics

<http://aes.missouri.edu/pfcs/research>

### FY00 Fertilizer/Ag Lime funded proposals, progress reports

Estimating the need for agricultural liming material  
Refining soil test recommendations for corn  
Refining soil test recommendations for soybean  
Refining soil test recommendations for wheat  
P and K fixation by Missouri Soils'  
No-till lime management and soil pH effects on herbicide carryover  
Soil-specific phosphorus rates

### FY01 Fertilizer/Ag Lime funded proposals, progress reports

Increasing the magnesium concentration of tall fescue leaves with phosphorus  
and boron fertilization  
Improved nitrogen fertilization recommendations for soils incorporating a simple  
measurement of soil physical properties  
Effect of potassium fertilization on leafhopper tolerance and persistence of alfalfa  
Cotton response to midseason potassium applications and bronze wilt  
Spectral radiometer to control variable-rate N applications for corn  
Evaluating grain sorghum nitrogen fertilization recommendations

### FY02 Fertilizer/Ag Lime funded proposals, progress reports

Refining the Soil test procedure for potassium to improve the K recommendations for  
Missouri soils  
Nitrogen fertilization strategies and annual ryegrass pasture  
The influence of nitrogen rate and pasture composition on the toxicity, quality and  
yield of stockpiled tall fescue  
Conservation tillage systems and liming materials  
Evaluating fall N applications for corn

### FY03 Fertilizer/Ag Lime funded proposals

Soil pH effects on atrazine carryover damage to no-till soybean  
Soft red winter wheat replant decision aid based on spring nitrogen recommendations  
and % winterkill  
Soil specific phosphorus and potassium recommendations - critical values  
Development of grain sorghum ratoon cropping system for SE Missouri  
Rescue N applications for corn: yield response, leaf burn and yield loss  
Increasing phosphorus and magnesium concentrations in stockpiled tall fescue  
Plant mapping potassium in rice tissue. What part to sample, when?  
Determining the correct nitrogen rate for cotton following soybeans

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

### MISSOURI FERTILIZER REPORT

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 Agricultural Experiment Station  
 University of Missouri-Columbia  
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