

ALABAMA DEPARTMENT OF AGRICULTURE & INDUSTRIES

RICK PATE
Commissioner



FERTILIZER AND FERTILIZER MATERIAL

Fiscal Year 2021 – 2022

Department Bulletin No. 148



Rick Pate
Commissioner

ALABAMA DEPARTMENT OF AGRICULTURE & INDUSTRIES

1445 Federal Drive • Montgomery, Alabama 36107-1123

Honorable Rick Pate
Commissioner of Alabama Department of Agriculture & Industries
1445 Federal Drive
Montgomery, Alabama 36107-1123

Dear Commissioner Pate:

Submitted herewith is a report setting forth the results of analyses of the official fertilizer samples obtained from fertilizer manufacturers marketing in Alabama during the fiscal year 2021 - 2022, The Laws of Alabama Relating to Agriculture Section §2-22-19, requires the annual publication of this report.

As in previous publications, this year's fertilizer bulletin not only lists the samples and deficiencies, but also summarizes them by fertilizer type. We believe this format provides more information that is detailed for farmers, household consumers, and manufacturers.

We feel this report not only informs the Alabama consumers but also reflects the diverse products manufactured by various companies marketing fertilizer in Alabama.

Sincerely,

Scott Absher, Program Manager
Agricultural Compliance Inspection Section

STATE OF ALABAMA
BOARD OF AGRICULTURE AND INDUSTRIES
2021 ~ 2022

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CONTROL OF FERTILIZER AND FERTILIZER MATERIAL IN ALABAMA

The fertilizer control program in Alabama established by the Alabama Fertilizer Law of 1969, which is designated to protect manufacturers and users of fertilizer by the licensing of manufacturers and inspection, sampling and analysis of commercial fertilizer and fertilizer materials marketed in this state.

The fertilizer laws and the regulations promulgated by the State Board of Agriculture. The enforcement of the laws is administered by the Agricultural Compliance Inspection Division. The offices are in the Richard Beard Building, 1445 Federal Drive, Montgomery, Alabama 36107. The State Chemical Laboratory, Auburn, Alabama, carries out the analytical and laboratory work on all samples for fertilizer, lime, and feed.

STATE CHEMICAL LABORATORY
1001 Wire Road
Auburn, Alabama 36832

Rebecca Moseley, Director ----- Auburn

AGRICULTURAL COMPLIANCE INSPECTION SECTION

Scott Absher-----Montgomery
Agricultural Compliance Inspection Section, *Program Manager*

Patricia Pollard-----Montgomery
Agricultural Compliance Inspection Section, *Administration Assistant*,
Penalty collector for Feed, Fertilizer, and Lime.

Susan Teel -----Montgomery
Agricultural Compliance Inspection Section, *Administration Assistant*,
Seed Permitting and Clerk for Feed, Fertilizer, and Lime.

Agriculture Compliance Field Inspectors and Territories

Jamie Booker ----- Atmore
Agricultural & Consumer Protection Specialist, *Field Supervisor*

Territory: Baldwin Escambia Mobile Monroe
 Conecuh Covington

Jason Fields ----- Hartselle
Consumer Protection Specialist

Territory: Limestone Morgan Madison Cullman
 Blount Jefferson

Coty Galloway ----- Jacksonville
Consumer Protection Specialist

Territory: St. Clair Cherokee Marshall DeKalb
 Jackson Calhoun Cleburne Etowah

Carl Jackson ----- Camden
Coordinator for Federal Animal Feed Contract and Consumer Protection
Specialist

Territory: Pickens Sumter Greene Hale
 Marengo Choctaw Washington Clarke
 Wilcox Tuscaloosa Bibb Perry
 Dallas Lowndes Butler

Bill McMillan ----- Dothan
Consumer Protection Specialist

Territory: Houston Henry Geneva

Kenny Mehearg ----- Wetumpka
Consumer Protection Specialist

Territory: Clay Coosa Elmore Autauga
Tallapoosa Chambers Lee Randolph
Chilton Shelby Chilton

Blake Pickett ----- Fitzpatrick
Coordinator for Animal Feed Regulatory Program Standards and Consumer
Protection Specialist

Territory: Macon Russell Crenshaw Coffee
Dale Pike Barbour Bullock
Montgomery

Kevin Rye ----- Hamilton
Consumer Protection Specialist

Territory: Fayette Marion Walker Lauderdale
Lamar Winston Colbert Franklin
Lawrence

FOREWORD

During the 2021 - 2022, fiscal year the fertilizer of the various manufacturers marketed in the state of Alabama were inspected and samples collected based on the annual volume of sales enjoyed by each manufacturer.

This bulletin contains a table showing the total number of fertilizer samples obtained representing each manufacturer's products and the number of these that proved by official analysis to be deficient from guarantee, and a listing of all the official samples and results of analyses.

FERTILIZER TONNAGE
Fiscal Year
October 1 ~ September 30

<u>Year</u>	<u>Tonnage</u>
1913-14	595,200
1914-15	301,801
1915-16	212,250
1916-17	209,724
1917-18	292,623
1918-19	298,007
1919-20	391,171
1920-21	180,248
1921-22	295,429
1922-23	436,786
1923-24	472,260
1924-25	580,000
1925-26	603,444
1926-27	468,683
1927-28	692,318
1928-29	677,375
1929-30	648,150
1930-31	421,050
1931-32	204,900
1932-33	274,600
1933-34	368,600
1934-35	421,200
1935-36	470,500
1936-37	622,300
1937-38	534,950
1938-39	554,450
1939-40	579,250
1940-41	572,000
1941-42	574,000
1942-43	631,000
1943-44	720,000
1944-45	735,000
1945-46	805,954
1946-47	777,600
1947-48	964,644
1948-49	1,057,087
1949-50	1,005,548
1950-51	1,104,041
1951-52	1,146,515

FERTILIZER TONNAGE

<u>Year</u>	<u>Tonnage</u>
1952-53-----	1,063,422
1953-54-----	1,089,000
1954-55-----	1,108,000
1955-56-----	1,057,000
1956-57-----	985,000
1957-58-----	908,353
1959-60-----	1,038,697
1960-61-----	1,012,707
1961-62-----	984,883
1962-63-----	1,003,275
1963-64-----	998,356
1964-65-----	989,569
1965-66-----	985,693
1966-67-----	1,009,830
1967-68-----	1,049,777
1968-69-----	1,047,438
1969-70-----	1,006,521
1970-71-----	1,033,627
1971-72-----	1,106,774
1972-73-----	1,164,090
1973-74-----	1,123,396
1974-75-----	909,375
1975-76-----	1,076,903
1976-77-----	1,113,212
1977-78-----	1,054,145
1978-79-----	1,036,518
1979-80-----	957,572
1980-81-----	1,014,152
1981-82-----	886,971
1982-83-----	740,636
1983-84-----	868,848
1984-85-----	855,837
1985-86-----	693,742
1986-87-----	659,767
1987-88-----	621,421
1988-89-----	626,436
1989-90-----	677,385
1990-91-----	637,792
1991-92-----	666,675

FERTILIZER TONNAGE

<u>Year</u>	<u>Tonnage</u>
1992-93-----	719,346
1993-94-----	739,340
1994-95-----	706,867
1995-96-----	746,996
1996-97-----	738,632
1997-98-----	739,798
1998-99-----	738,803
1999-00-----	628,838
2000-01-----	780,042
2001-02-----	708,944
2002-03-----	629,418
2003-04-----	658,655
2004-05-----	580,663
2005-06-----	633,901
2006-07-----	694,566
2007-08-----	653,006
2008-09-----	633,805
2009-10-----	451,877
2010-11-----	473,065
2011-12-----	482,751
2012-13-----	493,672
2013-14-----	513,187
2014-15-----	489,490
2015-16-----	538,439
2016-17-----	588,874
2017-18-----	626,345
2018-19-----	626,308
2019-20-----	671,736
2020-21-----	710,495
2021-22-----	541,121

COMMERCIAL VALUE OF FERTILIZERS

In keeping with Section §2-22-14 of the Alabama Fertilizer Law of 1969 (Chapter 22, Title 2, Code of Alabama 1975), it has been determined that the commercial values of the fertilizer ingredients, Nitrogen, P₂O₅, K₂O, were moved throughout the 2021-2022 year to be as follows:

- Nitrogen (N):
Beginning the year at \$10.60, and ending the year with \$28.70 per percent unit per ton
- Available Phosphorus (P₂O₅):
Beginning the year at \$13.78, and ending the year with \$16.17 per percent unit per ton
- Soluble Potassium (K₂O):
Beginning the year at \$6.90, and ending the year with \$14.63 per percent unit per ton

To compute the values of fertilizer according to this scale the valuation of nitrogen per ton obtained by multiplying the percent of this constituent by \$28.70. The value of available phosphorus per ton is determined by multiplying the percent of the constituent by \$16.17. The value of available soluble potassium is determined by multiplying the percent of soluble potassium by \$14.63 in order to arrive at the potash value per ton.

- An example of determining the commercial value of §4-12-12 is stated below:

Nitrogen (N) -----	4.00 x \$ 28.70	= \$114.80
Available Phosphorus (P ₂ O ₅) -----	12.00 x \$ 16.17	= \$194.04
Soluble Potassium (K ₂ O) -----	12.00 x \$ 14.63	= \$175.56

TOTAL COMMERCIAL VALUE \$484.40

TYPES OF FERTILIZER SAMPLED

DBP - DRY BLEND PACKAGED

DBB - DRY BLEND BULK

GP - GRANULAR PACKAGED

GB - GRANULAR BULK

LB - LIQUID BULK OR SUSPENSION BULK

LP - LIQUID PACKAGED

Inspector Sample Identification

Jamie Booker ----- JB

Jason Fields----- JF

Coty Galloway----- CG

Carl Jackson ----- CJ

Bill McMillan ----- BM

Kenny Mehearg----- KM

Blake Pickett ----- BP

Kevin Rye ----- KR

FERTILIZER SAMPLES ANALYSIS BY COMPANY

COMPANY NAME	SAMPLE NUMBER	DATE SAMPLED	LABEL GUARANTEE				ANALYSIS FOUND									
			N	/	P	/	K	/	CV	N	/	P	/	K	/	CV
ADVANSIX	55-JB-22-FERT	06/02/2022	21	/	0	/	0	/	602.70	21.32	/	0	/	0	/	611.88
AG DISTRIBUTORS - ADI FERTILIZER	20-CJ-22-FERT	04/28/2022	13	/	13	/	13	/	773.50	12.50	/	14.32	/	12.56	/	774.05
AGRIUM - LOVELAND	36-CG-22-FERT	06/07/2022	44.0	/	0.0	/	0.0	/	1262.80	44.71	/	None	/	None	/	1283.18
AGRIUM US Inc - BAINBRIDGE	12-CG-22-FERT	04/28/2022	5.0	/	15.0	/	30.0	/	824.95	5.18	/	13.56	/	27.20	/	765.88
AGRIUM US Inc - BAINBRIDGE	13-CG-22-FERT	04/28/2022	5.0	/	15.0	/	30.0	/	824.95	5.17	/	14.41	/	28.47	/	797.91
AGRIUM US Inc - BAINBRIDGE	14-CG-22-FERT	04/28/2022	5.0	/	15.0	/	30.0	/	824.95	5.18	/	13.79	/	27.12	/	768.42
AGRIUM US Inc - BAINBRIDGE	15-CG-22-FERT	04/28/2022	5.0	/	15.0	/	30.0	/	824.95	5.06	/	13.95	/	27.61	/	774.72
AGRIUM US Inc- DENVER	7-KR-22-FERT	04/28/2022	5	/	20	/	20	/	759.50	6.21	/	19.53	/	23.93	/	844.13
ALABAMA FARMER COOP	15-KM-22-FERT	04/26/2022	0	/	0	/	60	/	877.80	0	/	0	/	58.87	/	861.27
ANDALUSIA FARMERS CO-OP	37-JB-22-FERT	04/28/2022	11	/	11	/	22	/	815.43	10.33	/	10.02	/	22.74	/	791.18
ANDALUSIA FARMERS CO-OP	38-JB-22-FERT	04/28/2022	30	/	0	/	0	/	861.00	31.05	/	0	/	0	/	891.13
ANDALUSIA FARMERS CO-OP	79-JB-22-FERT	06/23/2022	36	/	0	/	4	/	1091.72	33.46	/	0	/	5.94	/	1047.20
ANDALUSIA FARMERS CO-OP	80-JB-22-FERT	06/23/2022	36	/	0	/	4	/	1091.72	36.73	/	0	/	4.57	/	1121.01
ANDALUSIA FARMERS CO-OP	81-JB-22-FERT	06/23/2022	36	/	0	/	4	/	1091.72	34.02	/	0	/	6.20	/	1067.08
ANDALUSIA FARMERS CO-OP	82-JB-22-FERT	06/23/2022	36	/	0	/	4	/	1091.72	35.18	/	0	/	5.18	/	1085.45
ANDALUSIA FARMERS CO-OP	83-JB-22-FERT	06/23/2022	27	/	0	/	8	/	891.94	27.78	/	0	/	8.80	/	926.03
ANDALUSIA FARMERS CO-OP	84-JB-22-FERT	06/23/2022	27	/	0	/	8	/	891.94	27.72	/	0	/	8.94	/	926.35
ATMORE AGRONOMY	8-JB-22-FERT	03/25/2022	15	/	10	/	26	/	972.58	14.86	/	10.05	/	25.80	/	966.44
ATMORE AGRONOMY	9-JB-22-FERT	03/25/2022	15	/	10	/	26	/	972.58	14.72	/	9.23	/	26.04	/	952.68
ATMORE AGRONOMY	10-JB-22-FERT	03/25/2022	14	/	10	/	26	/	943.88	13.87	/	11.47	/	23.71	/	930.42
ATMORE AGRONOMY	11-JB-22-FERT	03/25/2022	14	/	10	/	26	/	943.88	14.37	/	11.50	/	24.77	/	960.77
ATMORE AGRONOMY	40-JB-22-FERT	04/29/2022	38	/	0	/	0	/	1090.60	37.52	/	0	/	0	/	1076.82
ATMORE AGRONOMY	41-JB-22-FERT	04/29/2022	38	/	0	/	0	/	1090.60	38.55	/	0	/	0	/	1106.38
ATMORE AGRONOMY	44-JB-22-FERT	05/05/2022	41	/	0	/	0	/	1176.70	40.69	/	0	/	0	/	1167.80
ATMORE AGRONOMY	45-JB-22-FERT	05/05/2022	41	/	0	/	0	/	1176.70	42.22	/	0	/	0	/	1211.71
ATMORE AGRONOMY	49-JB-22-FERT	05/09/2022	40	/	0	/	0	/	1148.00	40.46	/	0	/	0	/	1161.20
ATMORE AGRONOMY	50-JB-22-FERT	05/09/2022	40	/	0	/	0	/	1148.00	41.10	/	0	/	0	/	1179.57
ATMORE AGRONOMY	62-JB-22-FERT	06/13/2022	17	/	10	/	18	/	912.94	15.75	/	11.29	/	19.68	/	922.50
ATMORE AGRONOMY	63-JB-22-FERT	06/13/2022	17	/	10	/	18	/	912.94	16.06	/	12.76	/	19.01	/	945.37
ATMORE AGRONOMY	69-JB-22-FERT	06/17/2022	4	/	12	/	33	/	791.63	5.49	/	14.27	/	32.00	/	856.47
ATMORE AGRONOMY	70-JB-22-FERT	06/17/2022	17	/	10	/	18	/	912.94	17.21	/	10.24	/	18.54	/	930.75

COMPANY NAME	SAMPLE NUMBER	DATE SAMPLED	LABEL GUARANTEE				ANALYSIS FOUND									
			N	/	P	/	K	/	CV	N	/	P	/	K	/	CV
ATMORE AGRONOMY	71-JB-22-FERT	06/17/2022	17	/	10	/	18	/	912.94	18.20	/	10.25	/	18.77	/	962.69
ATMORE AGRONOMY	72-JB-22-FERT	06/17/2022	18	/	4	/	17	/	829.99	17.89	/	4.97	/	17.50	/	849.83
ATMORE AGRONOMY	73-JB-22-FERT	06/17/2022	18	/	4	/	17	/	829.99	18.60	/	4.72	/	17.33	/	863.68
ATMORE AGRONOMY	75-JB-22-FERT	06/17/2022	18	/	8	/	20	/	938.56	17.49	/	8.94	/	20.98	/	953.46
ATMORE AGRONOMY	76-JB-22-FERT	06/17/2022	18	/	8	/	20	/	938.56	18.02	/	7.91	/	20.87	/	950.40
ATMORE AGRONOMY	85-JB-22-FERT	06/27/2022	18	/	8	/	20	/	938.56	17.65	/	8.06	/	20.32	/	934.16
ATMORE AGRONOMY	86-JB-22-FERT	06/27/2022	18	/	8	/	20	/	938.56	18.08	/	8.03	/	20.09	/	942.67
ATMORE TRUCKERS	93-JB-22-FERT	07/06/2022	25	/	9	/	12	/	1038.59	25.63	/	8.65	/	13.03	/	1066.08
CENTRAL FARMERS AGRONOMY - SELMA	19-CJ-22-FERT	04/21/2022	28	/	10	/	10	/	1111.60	26.98	/	12.75	/	6.83**	/	1080.42
C F INDUSTRIES	1-BM-22-FERT	01/04/2022	46	/	0	/	0	/	1320.20	46.14	/	0	/	0	/	1324.22
C F INDUSTRIES	13-BM-22-FERT	05/11/2022	46	/	0	/	0	/	1320.20	46.29	/	0	/	0	/	1328.52
CHEROKEE FARMERS CO-OP	8-CG-22-FERT	04/28/2022	11.0	/	11.0	/	23.0	/	830.06	11.79	/	10.52	/	21.17	/	818.20
CHEROKEE FARMERS CO-OP	9-CG-22-FERT	04/28/2022	11.0	/	11.0	/	23.0	/	830.06	11.00	/	10.91	/	21.60	/	808.12
CHEROKEE FARMERS CO-OP	10-CG-22-FERT	04/28/2022	11.0	/	11.0	/	23.0	/	830.06	10.29	/	10.44	/	23.42	/	806.76
CHEROKEE FARMERS CO-OP	11-CG-22-FERT	04/28/2022	11.0	/	11.0	/	23.0	/	830.06	11.41	/	10.58	/	20.75	/	802.12
CHEROKEE FARMERS CO-OP	37-CG-22-FERT	06/13/2022	38.0	/	0.0	/	0.0	/	1090.60	39.35	/	None	/	None	/	1129.34
CHEROKEE FARMERS CO-OP	38-CG-22-FERT	06/13/2022	38.0	/	0.0	/	0.0	/	1090.60	38.38	/	None	/	None	/	1101.51
CHEROKEE FARMERS CO-OP	39-CG-22-FERT	06/13/2022	38.0	/	0.0	/	0.0	/	1090.60	37.95	/	None	/	None	/	1089.16
CHEROKEE FARMERS CO-OP	40-CG-22-FERT	06/13/2022	38.0	/	0.0	/	0.0	/	1090.60	38.28	/	None	/	None	/	1098.64
CHEROKEE FARMERS CO-OP	41-CG-22-FERT	06/13/2022	29.0	/	0.0	/	0.0	/	832.30	29.91	/	None	/	None	/	858.42
COFFEE COUNTY FARMERS COOP	14-BP-22-FERT	07/26/2022	32	/	0	/	3	/	962.29	32.35	/	0	/	4.21	/	990.03
CULLMAN FARMERS COOP - HOLLY POND	24-JF-22-FERT	05/17/2022	6.0	/	15.0	/	30.0	/	853.65	5.59	/	15.68	/	28.95	/	837.52
CULLMAN FARMERS COOP - HOLLY POND	25-JF-22-FERT	05/17/2022	6.0	/	15.0	/	30.0	/	853.65	6.23	/	16.84	/	27.70	/	856.35
DEKALB FARMERS CO-OP - RAINSVILLE	26-CG-22-FERT	05/24/2022	40.0	/	0.0	/	0.0	/	1148.00	39.47	/	None	/	None	/	1132.79
ELLIS AG	16-CG-22-FERT	05/02/2022	5.1	/	6.4	/	38.5	/	813.12	6.55	/	6.40	/	34.65	/	798.40
ELLIS AG	17-CG-22-FERT	05/02/2022	5.1	/	6.4	/	38.5	/	813.12	5.41	/	6.44	/	38.78	/	826.75
ELLIS AG	18-CG-22-FERT	05/02/2022	5.1	/	6.4	/	38.5	/	813.12	6.38	/	6.14	/	35.21	/	797.51
ELLIS AG	19-CG-22-FERT	05/02/2022	22	/	0.0	/	27.5	/	1033.73	18.07**	/	None	/	29.67	/	952.68
ELLIS AG	20-CG-22-FERT	05/02/2022	22.0	/	0.0	/	27.5	/	1033.73	21.20	/	None	/	26.92	/	1002.28
ELLIS AG	21-CG-22-FERT	05/02/2022	5.1	/	6.4	/	38.5	/	813.12	5.66	/	6.97	/	36.48	/	808.84
ELLIS AG	22-CG-22-FERT	05/02/2022	5.1	/	6.4	/	38.5	/	813.12	5.83	/	6.47	/	36.45	/	805.20
ELLIS AG	23-CG-22-FERT	05/02/2022	5.0	/	4.9	/	39.4	/	799.15	3.19**	/	4.66	/	40.99	/	766.58

COMPANY NAME	SAMPLE NUMBER	DATE SAMPLED	LABEL GUARANTEE				ANALYSIS FOUND									
			N	/	P	/	K	/	CV	N	/	P	/	K	/	CV
ELLIS AG	28-CG-22-FERT	06/07/2022	42.8	/	0.0	/	0.0	/	1228.36	45.56	/	None	/	None	/	1307.57
ELLIS AG	29-CG-22-FERT	06/07/2022	42.8	/	0.0	/	0.0	/	1228.36	45.66	/	None	/	None	/	1310.44
ELLIS AG	30-CG-22-FERT	06/07/2022	42.8	/	0.0	/	0.0	/	1228.36	45.70	/	None	/	None	/	1311.59
ELLIS AG	31-CG-22-FERT	06/07/2022	45.17	/	0.0	/	0.0	/	1296.38	45.73	/	None	/	None	/	1312.45
ELLIS AG	32-CG-22-FERT	06/07/2022	45.17	/	0.0	/	0.0	/	1296.38	45.79	/	None	/	None	/	1314.17
ELLIS AG	33-CG-22-FERT	06/07/2022	22.7	/	4.8	/	22.6	/	1059.75	22.08	/	4.74	/	22.68	/	1042.16
ELLIS AG	34-CG-22-FERT	06/07/2022	22.7	/	4.8	/	22.6	/	1059.75	22.27	/	4.50	/	23.82	/	1060.41
ELLIS AG	35-CG-22-FERT	06/07/2022	22.7	/	4.8	/	22.6	/	1059.75	23.38	/	4.96	/	21.70	/	1068.68
ELMORE COUNTY FARMERS EXCHANGE	14-KM-22-FERT	04/21/2022	13.0	/	13.0	/	13.0	/	773.50	12.58	/	14.17	/	13.32	/	785.05
ELMORE COUNTY FARMERS EXCHANGE	18-KM-22-FERT	05/19/2022	15	/	5	/	10	/	657.65	15.05	/	4.83	/	10.41	/	662.33
ELMORE COUNTY FARMERS EXCHANGE	22-KM-22-FERT	06/13/2022	21.0	/	8.0	/	14.0	/	936.88	21.22	/	9.33	/	14.81	/	976.55
ELMORE COUNTY FARMERS EXCHANGE	23-KM-22-FERT	07/12/2022	19.0	/	5.0	/	19.0	/	904.12	18.51	/	5.54	/	20.04	/	914.01
FARMERS CO-OP MKT - FRISCO CITY	3-JB-22-FERT	12/01/2021	17	/	17	/	17	/	1011.50	16.88	/	17.88	/	16.67	/	1017.46
FARMERS CO-OP MKT - FRISCO CITY	5-JB-22-FERT	02/16/2022	40	/	0	/	0	/	1148.00	41.13	/	0	/	0	/	1180.43
FARMERS CO-OP MKT - FRISCO CITY	22-JB-22-FERT	04/13/2022	28	/	0	/	0	/	803.60	31.83	/	0	/	0	/	913.52
FARMERS CO-OP MKT - FRISCO CITY	32-JB-22-FERT	04/27/2022	9	/	23	/	30	/	1069.11	9.46	/	23.16	/	29.08	/	1071.44
FARMERS CO-OP MKT - FRISCO CITY	33-JB-22-FERT	04/27/2022	5	/	14	/	37	/	911.19	6.02	/	15.19	/	34.10	/	917.27
FARMERS CO-OP MKT - FRISCO CITY	34-JB-22-FERT	04/27/2022	5	/	14	/	37	/	911.19	5.36	/	13.12	/	38.93	/	935.53
FARMERS CO-OP MKT - FRISCO CITY	35-JB-22-FERT	04/27/2022	5	/	14	/	37	/	911.19	5.45	/	12.77	/	37.81	/	916.06
FARMERS CO-OP MKT - FRISCO CITY	36-JB-22-FERT	04/27/2022	5	/	14	/	37	/	911.19	5.05	/	13.91	/	38.95	/	939.69
FARMERS CO-OP MKT - FRISCO CITY	53-JB-22-FERT	06/01/2022	40	/	0	/	0	/	1148.00	40.24	/	0	/	0	/	1154.89
FARMERS CO-OP MKT - FRISCO CITY	54-JB-22-FERT	06/01/2022	40	/	0	/	0	/	1148.00	37.61**	/	0	/	0	/	1079.41
FARMERS CO-OP MKT - FRISCO CITY	64-JB-22-FERT	06/15/2022	38	/	0	/	0	/	1090.60	37.02	/	0	/	0	/	1062.47
FARMERS CO-OP MKT - FRISCO CITY	2-JB-23-FERT	10/19/2022	38	/	0	/	0	/	1090.60	36.70	/	0	/	0	/	1053.29
FARMERS CO-OP MKT - FRISCO CITY	3-JB-23-FERT	10/19/2022	38	/	0	/	0	/	1090.60	35.22**	/	0	/	0	/	1010.81
FARMERS CO-OP MKT - FRISCO CITY	4-JB-23-FERT	10/19/2022	38	/	0	/	0	/	1090.60	37.04	/	0	/	0	/	1063.05
FARMERS CO-OP MKT - FRISCO CITY	5-JB-23-FERT	10/19/2022	38	/	0	/	0	/	1090.60	37.48	/	0	/	0	/	1075.68
FARMERS CO-OP MKT - FRISCO CITY	6-JB-23-FERT	10/19/2022	38	/	0	/	0	/	1090.60	38.21	/	0	/	0	/	1096.63
FEDERER FERTILIZER INC	1-JF-22-FERT	12/03/2021	NS	/	NS	/	NS	/	0	43.29	/	None	/	2.43	/	1277.97
FEDERER FERTILIZER INC	23-JF-22-FERT	05/11/2022	8.0	/	4.0	/	34.0	/	791.70	9.21	/	4.37	/	31.13	/	790.42
FLORALA FARMERS & BLDS CO-OP	54-BM-22-FERT	08/15/2022	20	/	0	/	20	/	866.60	18.90	/	0	/	19.80	/	832.10
GREENPOINT AG - DECATUR	2-JF-22-FERT	12/14/2021	0	/	0	/	60.0	/	877.80	0	/	0	/	59.88	/	876.04

COMPANY NAME	SAMPLE NUMBER	DATE SAMPLED	LABEL GUARANTEE							ANALYSIS FOUND						
			N	/	P	/	K	/	CV	N	/	P	/	K	/	CV
GREENPOINT AG - DECATUR	6-JF-22-FERT	03/07/2022	34.0	/	0	/	0	/	975.80	34.38	/	0	/	0	/	986.71
GREENPOINT AG - DECATUR	28-JB-22-FERT	04/20/2022	32	/	0	/	0	/	918.40	32.11	/	0	/	0	/	921.56
GREENPOINT AG - DECATUR	5-KR-22-FERT	04/28/2022	46	/	0	/	0	/	1320.20	46.20	/	None	/	None	/	1325.94
GREENPOINT AG - DECATUR	6-KR-22-FERT	04/28/2022	0	/	0	/	60	/	877.80	0.13	/	None	/	58.42	/	858.41
GREENPOINT AG - DECATUR	2-CG-22-FERT	04/27/2022	6.0	/	15.0	/	30.0	/	853.65	6.46	/	17.33	/	28.89	/	888.29
GREENPOINT AG - DECATUR	3-CG-22-FERT	04/27/2022	6.0	/	15.0	/	30	/	853.65	6.04	/	15.13	/	30.41	/	862.90
GREENPOINT AG - DECATUR	4-CG-22-FERT	04/27/2022	6.0	/	15.0	/	30.0	/	853.65	5.60	/	14.20	/	31.35	/	848.98
GREENPOINT AG - DECATUR	5-CG-22-FERT	04/27/2022	6.0	/	15.0	/	30.0	/	853.65	6.49	/	16.45	/	28.51	/	869.36
GREENPOINT AG - DECATUR	6-CG-22-FERT	04/27/2022	18.0	/	46.0	/	0.0	/	1260.42	18.21	/	48.41	/	None	/	1305.42
GREENPOINT AG - DECATUR	7-CG-22-FERT	04/28/2022	7.0	/	20	/	20	/	816.90	7.28	/	20.53	/	19.74	/	829.71
GREENPOINT AG - DECATUR	24-CG-22-FERT	05/03/2022	18.0	/	46.0	/	0.0	/	1260.42	17.77	/	46.60	/	None	/	1263.52
GREENPOINT AG - DECATUR	17-JF-22-FERT	05/05/2022	46.0	/	0	/	0	/	1320.20	46.40	/	0	/	0	/	1331.68
GREENPOINT AG - DECATUR	25-CG-22-FERT	05/20/2022	0.0	/	0.0	/	21.0	/	307.23	0.13	/	None	/	21.30	/	315.35
GREENPOINT AG - DECATUR	26-JF-22-FERT	06/02/2022	21.0	/	0	/	0	/	602.70	21.16	/	0	/	0	/	607.29
GREENPOINT AG - DECATUR	18-KR-22-FERT	06/09/2022	0	/	0	/	21	/	307.23	0	/	0	/	20.41	/	298.60
GREENPOINT AG - DOTHAN	2-CJ-22-FERT	11/03/2021	34	/	0	/	0	/	975.80	35.65	/	0	/	0	/	1023.15
GREENPOINT AG - DOTHAN	2-BP-22-FERT	03/10/2022	13	/	13	/	13	/	773.50	13.77	/	12.80	/	11.80	/	774.81
GREENPOINT AG - DOTHAN	3-BP-22-FERT	03/10/2022	34	/	0	/	0	/	975.80	33.60	/	0	/	0	/	964.32
GREENPOINT AG - DOTHAN	4-BP-22-FERT	03/31/2022	17	/	17	/	17	/	1011.50	17.88	/	17.61	/	16.66	/	1041.65
GREENPOINT AG - DOTHAN	5-BP-22-FERT	03/31/2022	12	/	8	/	8	/	590.80	12.05	/	10.85	/	8.26	/	642.11
GREENPOINT AG - DOTHAN	8-BP-22-FERT	04/08/2022	0	/	0	/	60	/	877.80	0	/	0	/	57.71	/	844.30
GREENPOINT AG - DOTHAN	9-BP-22-FERT	04/29/2022	10	/	10	/	10	/	595.00	10.58	/	10.24	/	8.98**	/	600.61
GREENPOINT AG - DOTHAN	10-BP-22-FERT	04/29/2022	20	/	20	/	5	/	970.55	20.08	/	22.99	/	4.62	/	1015.64
GREENPOINT AG - DOTHAN	30-CJ-22-FERT	06/28/2022	15	/	0	/	15	/	649.95	14.67	/	0	/	15.89	/	653.50
GREENPOINT AG - DOTHAN	31-CJ-22-FERT	06/28/2022	17	/	17	/	17	/	1011.50	16.90	/	18.52	/	16.56	/	1026.77
GREENPOINT AG - EVERGREEN	1-JB-22-FERT	10/21/2021	13	/	13	/	13	/	773.50	13.16	/	12.67	/	11.29**	/	747.73
GREENPOINT AG - EVERGREEN	2-JB-22-FERT	10/21/2021	19	/	19	/	19	/	1130.50	18.93	/	21.28	/	18.12	/	1152.49
GREENPOINT AG - EVERGREEN	7-CJ-22-FERT	02/24/2022	13	/	13	/	13	/	773.50	13.37	/	13.52	/	11.95	/	777.17
GREENPOINT AG - EVERGREEN	8-CJ-22-FERT	02/24/2022	17	/	17	/	17	/	1011.50	17.16	/	18.83	/	15.90	/	1029.59
GREENPOINT AG - EVERGREEN	9-CJ-22-FERT	02/24/2022	15	/	0	/	15	/	649.95	16.14	/	0	/	12.63**	/	648.00
GREENPOINT AG - EVERGREEN	10-CJ-22-FERT	02/24/2022	8	/	8	/	8	/	476.00	7.67	/	7.26	/	6.94**	/	439.05
GREENPOINT AG - EVERGREEN	11-CJ-22-FERT	02/24/2022	33	/	0	/	0	/	947.10	32.05	/	0	/	0	/	919.83

COMPANY NAME	SAMPLE NUMBER	DATE SAMPLED	LABEL GUARANTEE				ANALYSIS FOUND									
			N	/	P	/	K	/	CV	N	/	P	/	K	/	CV
GREENPOINT AG - EVERGREEN	6-JB-22-FERT	03/03/2022	13	/	13	/	13	/	773.50	13.65	/	12.88	/	11.17**	/	763.44
GREENPOINT AG - EVERGREEN	7-JB-22-FERT	03/03/2022	16	/	4	/	8	/	640.92	15.47	/	3.47**	/	7.05**	/	603.24
GREENPOINT AG - EVERGREEN	25-JB-22-FERT	04/15/2022	33	/	0	/	6	/	1034.88	33.24	/	0	/	5.49	/	1034.31
GREENPOINT AG - EVERGREEN	26-JB-22-FERT	04/15/2022	16	/	16	/	16	/	952.00	15.98	/	15.67	/	14.63	/	926.05
GREENPOINT AG - EVERGREEN	27-JB-22-FERT	04/15/2022	15	/	0	/	15	/	649.95	12.99**	/	0	/	20.39	/	671.12
GREENPOINT AG - EVERGREEN	39-JB-22-FERT	04/27/2022	0	/	0	/	60	/	877.80	0	/	0	/	60.07	/	878.82
GREENPOINT AG - EVERGREEN	46-JB-22-FERT	05/06/2022	0	/	20	/	20	/	616.00	0	/	19.30	/	20.28	/	608.78
GREENPOINT AG - EVERGREEN	47-JB-22-FERT	05/06/2022	16	/	4	/	8	/	640.92	15.79	/	3.75	/	7.66	/	625.88
GREENPOINT AG - EVERGREEN	32-CJ-22-FERT	07/08/2022	15	/	0	/	15	/	649.95	16.24	/	0	/	12.00**	/	641.65
GREENPOINT AG - EVERGREEN	33-CJ-22-FERT	07/08/2022	8	/	8	/	8	/	476.00	8.02	/	8.65	/	8.46	/	493.81
GREENPOINT AG - EVERGREEN	34-CJ-22-FERT	07/08/2022	17	/	17	/	17	/	1011.50	16.30	/	17.55	/	18.07	/	1015.95
GREENPOINT AG - EVERGREEN	35-CJ-22-FERT	07/08/2022	33	/	0	/	0	/	947.10	33.36	/	0	/	0	/	957.43
GREENPOINT AG - EVERGREEN	94-JB-22-FERT	08/05/2022	16	/	4	/	8	/	640.92	16.97	/	4.06	/	9.35	/	689.48
GREENPOINT AG - EVERGREEN	95-JB-22-FERT	08/05/2022	16	/	16	/	16	/	952.00	15.86	/	15.38	/	16.08	/	939.12
GREENPOINT AG - EVERGREEN	98-JB-22-FERT	09/09/2022	10	/	10	/	10	/	595.00	11.05	/	12.84	/	9.93	/	670.03
GREENPOINT AG - EVERGREEN	43-CJ-22-FERT	09/22/2022	17	/	17	/	17	/	1011.50	17.39	/	20.09	/	14.05**	/	1029.50
GREENPOINT AG - EVERGREEN	44-CJ-22-FERT	09/22/2022	13	/	13	/	13	/	773.50	15.24	/	7.87**	/	8.01**	/	681.84
GREENPOINT AG - EVERGREEN	45-CJ-22-FERT	09/22/2022	8	/	8	/	8	/	476.00	11.67	/	17.05	/	9.34	/	747.27
GREENPOINT AG - EVERGREEN	102-JB-23-FERT	09/30/2022	16	/	4	/	8	/	640.92	13.50**	/	5.20	/	7.24	/	577.45
GREENPOINT AG - EVERGREEN	48-CJ-23-FERT	09/28/2022	18	/	46	/	0	/	1260.42	17.57	/	46.51	/	0	/	1256.33
GREENPOINT AG - EVERGREEN	2-CJ-23-FERT	10/05/2022	16	/	4	/	8	/	640.92	11.96**	/	5.58	/	7.70	/	546.13
GREENPOINT AG - EVERGREEN	103-JB-23-FERT	09/30/2022	17	/	17	/	17	/	1011.50	16.70	/	18.13	/	16.30	/	1010.92
GREENPOINT AG - EVERGREEN	1-JB-23-FERT	10/12/2022	8	/	8	/	8	/	476.00	7.73	/	6.25**	/	7.39	/	431.03
GREENPOINT AG - GRAND BAY	87-JB-22-FERT	06/29/2022	28	/	0	/	0	/	803.60	28.19	/	0	/	0	/	809.05
GREENPOINT AG - GRAND BAY	88-JB-22-FERT	06/29/2022	28	/	0	/	0	/	803.60	31.17	/	0	/	0	/	894.58
GREENPOINT AG - HEADLAND	1-BM-22-FERT	02/15/2022	18	/	11	/	15	/	913.92	18.40	/	10.17	/	13.40**	/	888.57
GREENPOINT AG - HEADLAND	2-BM-22-FERT	02/15/2022	24	/	0	/	12	/	864.36	25.81	/	0	/	10.62**	/	896.12
GREENPOINT AG - HEADLAND	8-BM-22-FERT	03/28/2022	19	/	9	/	14	/	895.65	20.37	/	9.57	/	13.28	/	933.66
GREENPOINT AG - HEADLAND	9-BM-22-FERT	04/12/2022	30	/	0	/	0	/	861.00	29.98	/	0	/	0	/	860.43
GREENPOINT AG - HEADLAND	10-BM-22-FERT	04/12/2022	30	/	0	/	0	/	861.00	30.59	/	0	/	0	/	877.93
GREENPOINT AG - HEADLAND	22-BM-22-FERT	06/08/2022	16	/	16	/	16	/	952.00	16.90	/	18.06	/	15.65	/	1006.02
GREENPOINT AG - HEADLAND	23-BM-22-FERT	06/08/2022	20	/	0	/	20	/	866.60	21.31	/	0	/	19.53	/	897.32

COMPANY NAME	SAMPLE NUMBER	DATE SAMPLED	LABEL GUARANTEE				ANALYSIS FOUND									
			N	/	P	/	K	/	CV	N	/	P	/	K	/	CV
GREENPOINT AG - HEADLAND	26-BM-22-FERT	06/21/2022	25	/	0	/	10	/	863.80	24.26	/	0	/	12.21	/	874.89
GREENPOINT AG - HEADLAND	33-BM-22-FERT	06/21/2022	20	/	0	/	20	/	866.60	20.05	/	0	/	21.19	/	885.44
GREENPOINT AG - HEADLAND	42-BM-22-FERT	07/06/2022	30	/	0	/	0	/	861.00	30.90	/	0	/	0	/	886.83
GREENPOINT AG - HEADLAND	43-BM-22-FERT	07/06/2022	30	/	0	/	0	/	861.00	30.84	/	0	/	0	/	885.11
GREENPOINT AG - HEADLAND	44-BM-22-FERT	07/06/2022	30	/	0	/	0	/	861.00	30.67	/	0	/	0	/	880.23
GREENPOINT AG - LOXLEY	13-JB-22-FERT	04/11/2022	7	/	15	/	36	/	970.13	7.98	/	16.28	/	32.64	/	969.80
GREENPOINT AG - LOXLEY	14-JB-22-FERT	04/11/2022	6	/	10	/	31	/	787.43	6.74	/	12.13	/	28.49	/	806.39
GREENPOINT AG - LOXLEY	17-JB-22-FERT	04/11/2022	15	/	4	/	14	/	700.00	16.44	/	3.88	/	12.67	/	719.93
GREENPOINT AG - LOXLEY	18-JB-22-FERT	04/11/2022	15	/	4	/	14	/	700.00	16.43	/	3.62	/	13.81	/	732.12
GREENPOINT AG - LOXLEY	19-JB-22-FERT	04/11/2022	15	/	4	/	14	/	700.00	17.02	/	4.58	/	10.95**	/	722.73
GREENPOINT AG - LOXLEY	20-JB-22-FERT	04/11/2022	15	/	4	/	14	/	700.00	16.50	/	3.76	/	12.93	/	723.52
GREENPOINT AG - LOXLEY	21-JB-22-FERT	04/11/2022	7	/	12	/	31	/	848.47	8.87	/	12.54	/	32.02	/	925.79
GREENPOINT AG - LOXLEY	30-JB-22-FERT	04/21/2022	28	/	0	/	0	/	803.60	26.94	/	0	/	0	/	773.18
GREENPOINT AG-MONTGOMERY	15-JB-22-FERT	04/11/2022	32	/	0	/	0	/	918.40	32.56	/	0	/	0	/	934.47
GREENPOINT AG-MONTGOMERY	16-JB-22-FERT	04/11/2022	32	/	0	/	0	/	918.40	32.60	/	0	/	0	/	935.62
GREENPOINT AG-MONTGOMERY	21-CJ-22-FERT	05/04/2022	16	/	12	/	17	/	901.95	14.36**	/	13.59	/	20.61	/	933.40
GREENPOINT AG-MONTGOMERY	22-CJ-22-FERT	05/04/2022	16	/	12	/	17	/	901.95	16.77	/	14.27	/	15.28**	/	935.60
GREENPOINT AG-MONTGOMERY	23-CJ-22-FERT	05/04/2022	16	/	12	/	17	/	901.95	12.21**	/	14.18	/	22.00	/	901.58
GREENPOINT AG-MONTGOMERY	24-CJ-22-FERT	05/04/2022	16	/	12	/	17	/	901.95	12.53**	/	13.65	/	21.57	/	895.90
GREENPOINT AG-MONTGOMERY	42-JB-22-FERT	05/02/2022	32	/	0	/	0	/	918.40	32.69	/	0	/	0	/	938.20
GREENPOINT AG-MONTGOMERY	12-BP-22-FERT	05/24/2022	18	/	46	/	0	/	1260.42	17.74	/	46.39	/	0	/	1259.27
GREENPOINT AG-MONTGOMERY	29-CJ-22-FERT	05/26/2022	46	/	0	/	0	/	1320.20	46.10	/	0	/	0	/	1323.07
GREENPOINT AG-MONTGOMERY	20-KM-22-FERT	06/07/2022	8.0	/	16.0	/	32.0	/	956.48	9.25	/	17.43	/	29.24	/	975.09
GREENPOINT AG-MONTGOMERY	21-KM-22-FERT	06/07/2022	8.0	/	16.0	/	32.0	/	956.48	9.50	/	18.85	/	28.98	/	1001.43
GREENPOINT AG-MONTGOMERY	24-KM-22-FERT	07/12/2022	31.0	/	0	/	6.0	/	977.48	30.29	/	0	/	7.36	/	977.00
GREENPOINT AG-MONTGOMERY	25-KM-22-FERT	07/12/2022	31.0	/	0	/	6.0	/	977.48	31.96	/	0	/	6.83	/	1017.17
GREENPOINT AG-MONTGOMERY	26-KM-22-FERT	07/12/2022	31.0	/	0	/	6.0	/	977.48	31.03	/	0	/	7.23	/	996.33
GREENPOINT AG-MONTGOMERY	27-KM-22-FERT	08/26/2022	18.0	/	46.0	/	0	/	1260.42	17.90	/	45.26	/	0	/	1245.58
HARRELLs NURSERY	1-CG-22-FERT	03/24/2022	20.0	/	20.0	/	20.0	/	1190.00	19.34	/	21.74	/	19.94	/	1198.32
HELENA CHEMICAL CO - ATMORE AL	31-JB-22-FERT	04/26/2022	5	/	14	/	26	/	750.26	5.28	/	14.01	/	27.04	/	773.68
HELENA CHEMICAL CO - ATMORE AL	56-JB-22-FERT	06/03/2022	40	/	0	/	0	/	1148.00	38.93	/	0	/	0	/	1117.29
HELENA CHEMICAL CO - ATMORE AL	57-JB-22-FERT	06/03/2022	40	/	0	/	0	/	1148.00	40.71	/	0	/	0	/	1168.38

COMPANY NAME	SAMPLE NUMBER	DATE SAMPLED	LABEL GUARANTEE				ANALYSIS FOUND									
			N	/	P	/	K	/	CV	N	/	P	/	K	/	CV
HELENA CHEMICAL CO - ATMORE AL	58-JB-22-FERT	06/03/2022	40	/	0	/	0	/	1148.00	40.66	/	0	/	0	/	1166.94
HELENA CHEMICAL CO - ATMORE AL	59-JB-22-FERT	06/03/2022	40	/	0	/	0	/	1148.00	40.82	/	0	/	0	/	1171.53
HELENA CHEMICAL CO - ATMORE AL	60-JB-22-FERT	06/03/2022	40	/	0	/	0	/	1148.00	40.75	/	0	/	0	/	1169.52
HELENA CHEMICAL CO - ATMORE AL	89-JB-22-FERT	07/05/2022	28	/	0	/	0	/	803.60	28.27	/	0	/	0	/	811.35
HELENA CHEMICAL CO - ATMORE AL	90-JB-22-FERT	07/05/2022	28	/	0	/	0	/	803.60	28.02	/	0	/	0	/	804.17
HELENA CHEMICAL CO - ATMORE AL	91-JB-22-FERT	07/05/2022	28	/	0	/	0	/	803.60	28.35	/	0	/	0	/	813.64
HELENA CHEMICAL CO - ATMORE AL	92-JB-22-FERT	07/05/2022	28	/	0	/	0	/	803.60	28.74	/	0	/	0	/	824.84
HELENA -LEIGHTON	12-KR-22-FERT	05/13/2022	10.5	/	10.5	/	21.75	/	789.34	10.14	/	11.50	/	20.85	/	782.02
HELENA -LEIGHTON	13-KR-22-FERT	05/13/2022	10.5	/	10.5	/	21.75	/	789.34	9.17**	/	11.71	/	23.29	/	793.26
HELENA -LEIGHTON	14-KR-22-FERT	05/13/2022	11.75	/	11.75	/	24	/	878.34	10.56**	/	12.15	/	25.31	/	869.83
HELENA -LEIGHTON	15-KR-22-FERT	06/09/2022	41.66	/	0	/	0	/	1195.64	41.92	/	0	/	0	/	1203.10
HELENA -LEIGHTON	16-KR-22-FERT	06/09/2022	41.66	/	0	/	0	/	1195.64	41.80	/	0	/	0	/	1199.66
HELENA -LEIGHTON	17-KR-22-FERT	06/09/2022	41.66	/	0	/	0	/	1195.64	41.98	/	0	/	0	/	1204.83
HELM FERTILIZER CORP	8-KM-22-FERT	03/10/2022	21.0	/	0	/	0	/	602.70	21.14	/	0	/	0	/	606.72
HELM FERTILIZER TERMINAL	8-KR-22-FERT	04/28/2022	0	/	0	/	60	/	877.80	0.13	/	None	/	57.43	/	843.93
HELM FERTILIZER TERMINAL	10-KR-22-FERT	05/13/2022	18	/	46	/	0.0	/	1260.42	17.92	/	47.82	/	None	/	1287.55
HELM FERTILIZER TERMINAL	11-KR-22-FERT	05/13/2022	0.0	/	0.0	/	60	/	877.80	0.12	/	None	/	56.78	/	834.13
HONEYWELL	24-JB-22-FERT	04/15/2022	21	/	0	/	0	/	602.70	21.37	/	0	/	0	/	613.32
J & J BAGGING	36-CJ-22-FERT	08/24/2022	10	/	10	/	10	/	595.00	9.20	/	9.48	/	10.86	/	576.21
J & J BAGGING	37-CJ-22-FERT	08/24/2022	13	/	13	/	13	/	773.50	11.29**	/	12.11	/	12.85	/	707.84
J & J BAGGING	38-CJ-22-FERT	08/24/2022	33	/	0	/	0	/	947.10	33.30	/	0	/	0	/	955.71
J & J BAGGING	41-CJ-22-FERT	09/12/2022	13	/	13	/	13	/	773.50	9.42**	/	9.83**	/	13.44	/	625.93
J & J BAGGING	42-CJ-22-FERT	09/12/2022	17	/	17	/	17	/	1011.50	14.57**	/	16.16	/	17.05	/	928.91
J & J BAGGING	46-CJ-22-FERT	09/28/2022	13	/	13	/	13	/	773.50	9.68**	/	10.16**	/	11.15**	/	605.23
J & J BAGGING	47-CJ-22-FERT	09/28/2022	17	/	17	/	17	/	1011.50	11.83**	/	7.77**	/	7.73**	/	578.25
KELLY AG OF HARTFORD	5-BM-22-FERT	03/28/2022	1	/	8	/	50	/	889.56	1.55	/	7.23	/	49.86	/	890.84
KELLY AG OF HARTFORD	6-BM-22-FERT	03/28/2022	1	/	8	/	50	/	889.56	1.09	/	4.98**	/	48.58	/	822.54
KELLY AG OF HARTFORD	7-BM-22-FERT	03/28/2022	4	/	19	/	37	/	963.34	4.26	/	20.10	/	34.17	/	947.19
KELLY AG OF HARTFORD	11-BM-22-FERT	05/11/2022	0	/	0	/	60	/	877.80	0	/	0	/	57.88	/	846.78
KELLY AG OF HARTFORD	14-BM-22-FERT	06/07/2022	15	/	10	/	24	/	943.32	17.88	/	6.46**	/	24.92	/	982.20
KELLY AG OF HARTFORD	15-BM-22-FERT	06/07/2022	40	/	0	/	0	/	1148.00	40.57	/	0	/	0	/	1164.36
KELLY AG OF HARTFORD	16-BM-22-FERT	06/07/2022	40	/	0	/	0	/	1148.00	40.31	/	0	/	0	/	1156.90

COMPANY NAME	SAMPLE NUMBER	DATE SAMPLED	LABEL GUARANTEE				ANALYSIS FOUND									
			N	/	P	/	K	/	CV	N	/	P	/	K	/	CV
KELLY AG OF HARTFORD	17-BM-22-FERT	06/07/2022	15	/	10	/	24	/	943.32	15.42	/	12.10	/	23.14	/	976.75
KELLY AG OF HARTFORD	18-BM-22-FERT	06/07/2022	46	/	0	/	0	/	1320.20	45.14	/	0	/	0	/	1295.52
KELLY AG OF HARTFORD	29-BM-22-FERT	06/21/2022	17	/	0	/	25	/	853.65	16.62	/	0	/	24.55	/	836.16
KELLY AG OF HARTFORD	30-BM-22-FERT	06/21/2022	17	/	0	/	25	/	853.65	17.00	/	0	/	24.58	/	847.51
KELLY AG OF HARTFORD	34-BM-22-FERT	06/22/2022	22	/	0	/	22	/	953.26	21.64	/	0	/	22.92	/	956.39
KELLY AG OF HARTFORD	35-BM-22-FERT	06/22/2022	22	/	0	/	22	/	953.26	21.47	/	0	/	22.54	/	945.95
KELLY AG OF HARTFORD	45-BM-22-FERT	07/06/2022	14	/	0	/	29	/	826.07	14.56	/	0	/	29.22	/	845.36
KELLY AG OF HARTFORD	46-BM-22-FERT	07/06/2022	14	/	0	/	29	/	826.07	14.45	/	0	/	29.42	/	845.12
KELLY AG OF HEADLAND, LLC	3-BM-22-FERT	02/15/2022	11	/	52	/	0	/	1156.54	11.20	/	52.60	/	0	/	1171.98
KELLY AG OF HEADLAND, LLC	4-BM-22-FERT	02/15/2022	11	/	52	/	0	/	1156.54	11.26	/	50.76	/	0	/	1143.95
KELLY AG OF HEADLAND, LLC	12-BM-22-FERT	05/11/2022	0	/	0	/	22	/	321.86	0	/	0	/	22.44	/	328.30
KELLY AG OF HEADLAND, LLC	19-BM-22-FERT	06/07/2022	26	/	0	/	17	/	994.91	26.73	/	0	/	16.12	/	1002.99
KELLY AG OF HEADLAND, LLC	24-BM-22-FERT	06/21/2022	23	/	0	/	23	/	996.59	20.99	/	0	/	25.94	/	981.91
KELLY AG OF HEADLAND, LLC	25-BM-22-FERT	06/21/2022	23	/	0	/	23	/	996.59	23.45	/	0	/	24.01	/	1024.28
KELLY AG OF HEADLAND, LLC	36-BM-22-FERT	06/22/2022	15	/	0	/	28	/	840.14	16.39	/	0	/	26.44	/	857.21
KELLY AG OF HEADLAND, LLC	40-BM-22-FERT	06/24/2022	13	/	0	/	31	/	826.63	13.13	/	0	/	29.07	/	802.12
KELLY AG OF HEADLAND, LLC	41-BM-22-FERT	06/24/2022	13	/	0	/	31	/	826.63	13.86	/	0	/	28.16	/	809.76
KELLY AG OF HEADLAND, LLC	50-BM-22-FERT	07/14/2022	24	/	0	/	20	/	981.40	24.72	/	0	/	19.88	/	1000.30
KELLY AG OF HEADLAND, LLC	51-BM-22-FERT	07/14/2022	24	/	0	/	20	/	981.40	23.73	/	0	/	21.16	/	990.62
KELLY AG OF HEADLAND, LLC	52-BM-22-FERT	07/14/2022	28	/	0	/	14	/	1008.42	28.46	/	0	/	14.00	/	1021.62
KELLY AG OF HEADLAND, LLC	53-BM-22-FERT	07/07/2022	25	/	0	/	19	/	995.47	24.18	/	0	/	21.32	/	1005.88
LAWRENCE CO EXCHANGE	3-KR-22-FERT	04/04/2022	19	/	19	/	19	/	1130.50	18.62	/	20.79	/	18.59	/	1142.53
LAWRENCE CO EXCHANGE	4-KR-22-FERT	04/04/2022	25	/	2	/	12	/	925.40	25.09	/	None	/	15.86	/	952.11
LIMESTONE COUNTY FARMERS CO-OP	3-JF-22-FERT	02/15/2022	40.0	/	0	/	0	/	1148.00	39.74	/	0	/	0	/	1140.54
LIMESTONE COUNTY FARMERS CO-OP	4-JF-22-FERT	02/15/2022	40.0	/	0	/	0	/	1148.00	40.39	/	0	/	0	/	1159.19
LIMESTONE COUNTY FARMERS CO-OP	5-JF-22-FERT	02/15/2022	40.0	/	0	/	0	/	1148.00	39.43	/	0	/	0	/	1131.64
LIMESTONE COUNTY FARMERS CO-OP	12-JF-22-FERT	04/28/2022	41.0	/	0	/	0	/	1176.70	41.29	/	0	/	0	/	1185.02
LIMESTONE COUNTY FARMERS CO-OP	13-JF-22-FERT	04/28/2022	41.0	/	0	/	0	/	1176.70	41.41	/	0	/	0	/	1188.47
LIMESTONE COUNTY FARMERS CO-OP	21-JF-22-FERT	05/09/2022	18.0	/	18.0	/	18.0	/	1071.00	17.44	/	19.67	/	18.36	/	1087.20
LIMESTONE COUNTY FARMERS CO-OP	22-JF-22-FERT	05/09/2022	18.0	/	18.0	/	18.0	/	1071.00	16.45	/	20.64	/	18.58	/	1077.69
MADISON COUNTY COOP	10-JF-22-FERT	03/15/2022	50.0	/	0	/	0	/	1435.00	41.11**	/	0	/	0	/	1179.86
MARION COUNTY CO-OP	9-KR-22-FERT	05/11/2022	21	/	14	/	14	/	1033.90	19.94	/	15.10	/	16.03	/	1050.97

COMPANY NAME	SAMPLE NUMBER	DATE SAMPLED	LABEL GUARANTEE						ANALYSIS FOUND							
			N	/	P	/	K	/	CV	N	/	P	/	K	/	CV
MILLARD MARITIME LLC	12-JB-22-FERT	03/30/2022	18	/	46	/	0	/	1260.42	17.64	/	47.90	/	0	/	1280.81
MILLARD MARITIME LLC	29-JB-22-FERT	04/21/2022	18	/	46	/	0	/	1260.42	17.61	/	47.63	/	0	/	1275.59
MILLARD MARITIME LLC	43-JB-22-FERT	05/05/2022	46	/	0	/	0	/	1320.20	46.34	/	0	/	0	/	1329.96
MILLARD MARITIME LLC	48-JB-22-FERT	05/09/2022	46	/	0	/	0	/	1320.20	46.28	/	0	/	0	/	1328.24
MILLARD MARITIME LLC	25-CJ-22-FERT	05/17/2022	0	/	0	/	60	/	877.80	0	/	0	/	57.97	/	848.10
MILLARD MARITIME LLC	26-CJ-22-FERT	05/17/2022	21	/	0	/	0	/	602.70	21.24	/	0	/	0	/	609.59
MILLARD MARITIME LLC	65-JB-22-FERT	06/16/2022	21	/	0	/	0	/	602.70	21.25	/	0	/	0	/	609.87
MILLARD MARITIME LLC	74-JB-22-FERT	06/17/2022	18	/	46	/	0	/	1260.42	17.69	/	47.92	/	0	/	1282.57
NUTRIEN AG NUTRIEN AG SOLUTIONS INC - SASKATCHEWAN	100-JB-22-FERT	09/09/2022	0	/	0	/	60	/	877.80	0	/	0	/	60.58	/	886.29
NUTRIEN AG SOLUTIONS INC - AGRIMUM	23-JB-22-FERT	04/14/2022	8	/	0	/	0	/	229.60	7.77	/	0	/	0	/	223.00
NUTRIEN AG SOLUTIONS INC - DOTHAN	31-BM-22-FERT	06/21/2022	21	/	0	/	22	/	924.56	19.18	/	0	/	25.01	/	916.37
NUTRIEN AG SOLUTIONS INC - DOTHAN	32-BM-22-FERT	06/21/2022	21	/	0	/	22	/	924.56	21.40	/	0	/	22.73	/	946.72
NUTRIEN AG SOLUTIONS INC - KINSTON	20-BM-22-FERT	06/07/2022	40	/	0	/	0	/	1148.00	42.05	/	0	/	0	/	1206.83
NUTRIEN AG SOLUTIONS INC - KINSTON	21-BM-22-FERT	06/07/2022	40	/	0	/	0	/	1148.00	40.62	/	0	/	0	/	1165.79
NUTRIEN AG SOLUTIONS INC - LOVELAND	7-CJ-22-FERT	12/03/2021	14	/	4	/	14	/	671.30	12.86	/	3.80	/	14.42	/	641.49
NUTRIEN AG SOLUTIONS INC - MADISON	18-JF-22-FERT	05/05/2022	0	/	0	/	47.0	/	687.61	0	/	0	/	45.05	/	659.08
NUTRIEN AG SOLUTIONS INC - MADISON	19-JF-22-FERT	05/05/2022	0	/	0	/	47.0	/	687.61	0	/	0	/	45.56	/	666.54
NUTRIEN AG SOLUTIONS INC - MADISON	20-JF-22-FERT	05/05/2022	7.0	/	17.0	/	38.0	/	1031.73	6.99	/	16.90	/	36.91	/	1013.87
NUTRIEN AG SOLUTIONS INC - SUMMERDALE	52-JB-22-FERT	05/31/2022	10	/	10	/	30	/	887.60	10.67	/	13.11	/	28.64	/	937.22
NUTRIEN AG SOLUTIONS INC - SUMMERDALE	61-JB-22-FERT	06/09/2022	38	/	0	/	0	/	1090.60	39.82	/	0	/	0	/	1142.83
NUTRIEN AG SOLUTIONS INC - SUMMERDALE	66-JB-22-FERT	06/16/2022	16	/	4	/	8	/	640.92	16.29	/	5.28	/	8.54	/	677.84
NUTRIEN AG SOLUTIONS INC - SUMMERDALE	67-JB-22-FERT	06/16/2022	23	/	12	/	12	/	1029.70	22.83	/	14.40	/	13.18	/	1080.89
NUTRIEN AG SOLUTIONS INC - SUMMERDALE	68-JB-22-FERT	06/16/2022	23	/	12	/	12	/	1029.70	22.55	/	13.43	/	13.90	/	1067.70
NUTRIEN AG SOLUTIONS INC - SUMMERDALE	77-JB-22-FERT	06/22/2022	26	/	0	/	19	/	1024.17	25.59	/	0	/	20.54	/	1034.93
NUTRIEN AG SOLUTIONS INC - SUMMERDALE	78-JB-22-FERT	06/22/2022	26	/	0	/	19	/	1024.17	25.62	/	0	/	19.66	/	1022.92
NUTRIEN AG SOLUTIONS INC - SUMMERDALE	101-JB-22-FERT	09/23/2022	14	/	4	/	14	/	671.30	15.05	/	4.00	/	14.70	/	711.67
OPP'S CO-OP	37-BM-22-FERT	07/05/2022	21	/	0	/	0	/	602.70	21.10	/	0	/	0	/	605.57
OPP'S CO-OP	38-BM-22-FERT	07/05/2022	0	/	0	/	60	/	877.80	0	/	0	/	59.84	/	875.46
OPP'S CO-OP	39-BM-22-FERT	07/05/2022	34	/	0	/	0	/	975.80	33.74	/	0	/	0	/	968.34
PIEDMONT FERTILIZER CO INC	6-BP-22-FERT	04/08/2022	15	/	0	/	15	/	649.95	14.22	/	0	/	13.11**	/	599.91
PIEDMONT FERTILIZER CO INC	7-BP-22-FERT	04/08/2022	17	/	17	/	17	/	1011.50	17.27	/	16.82	/	12.84**	/	955.48
PIEDMONT FERTILIZER CO INC	99-JB-22-FERT	09/09/2022	13	/	13	/	13	/	773.50	13.47	/	16.39	/	13.82	/	853.81

COMPANY NAME	SAMPLE NUMBER	DATE SAMPLED	LABEL GUARANTEE				ANALYSIS FOUND									
			N	/	P	/	K	/	CV	N	/	P	/	K	/	CV
PIKE FARMERS CO-OP	11-BP-22-FERT	04/29/2022	32	/	0	/	0	/	918.40	31.90	/	0	/	0	/	915.53
PIKE FARMERS CO-OP	13-BP-22-FERT	06/30/2022	20	/	0	/	20	/	866.60	20.13	/	0	/	19.20	/	858.63
RED BARN FARM CENTER	27-CG-22-FERT	05/31/2022	18.0	/	9.0	/	24.0	/	1013.25	17.79	/	10.39	/	24.43	/	1035.99
RED FOX FERTILIZER CO	1-CJ-22-FERT	11/03/2021	8	/	8	/	8	/	476.00	7.86	/	8.95	/	8.71	/	497.73
RED FOX FERTILIZER CO	3-CJ-22-FERT	11/03/2021	13	/	13	/	13	/	773.50	14.20	/	16.10	/	12.03	/	843.88
RED FOX FERTILIZER CO	4-CJ-22-FERT	11/03/2021	10	/	10	/	10	/	595.00	11.15	/	11.76	/	9.38	/	647.39
R W GRIFFIN TERMINAL SERVICES	1-BP-22-FERT	12/15/2021	24	/	0	/	0	/	688.80	23.71	/	0	/	0	/	680.48
SIMPLOT	15-JF-22-FERT	04/28/2022	14.1	/	14.1	/	25.3	/	1002.81	12.13**	/	15.75	/	25.81	/	980.41
SIMPLOT	16-JF-22-FERT	04/28/2022	14.1	/	14.1	/	25.3	/	1002.81	12.27**	/	15.36	/	24.84	/	963.93
TALLADEGA COUNTY EXCHANGE	10-KM-22-FERT	03/29/2022	17.0	/	17.0	/	17.0	/	1011.50	17.62	/	18.68	/	16.18	/	1044.46
TALLADEGA COUNTY EXCHANGE	11-KM-22-FERT	03/29/2022	25.0	/	0	/	15.0	/	936.95	24.55	/	0	/	16.00	/	938.66
TALLADEGA COUNTY EXCHANGE	12-KM-22-FERT	03/29/2022	25.0	/	0	/	15.0	/	936.95	25.64	/	0	/	14.90	/	953.86
TELECON FARMERS COOP	19-KM-22-FERT	05/26/2022	17.0	/	17.0	/	17.0	/	1011.50	16.63	/	16.36	/	17.00	/	990.53
WEST GENEVA CO-OP	27-BM-22-FERT	06/21/2022	28	/	0	/	10	/	949.90	27.62	/	0	/	10.96	/	953.03
WEST GENEVA CO-OP	28-BM-22-FERT	06/21/2022	28	/	0	/	10	/	949.90	27.91	/	0	/	11.48	/	968.97
WOODS FARM SUPPLY INC	5-CJ-22-FERT	11/09/2021	8	/	24	/	24	/	968.80	7.68	/	26.72	/	23.17	/	991.46
WOODS FARM SUPPLY INC	6-CJ-22-FERT	11/09/2021	33	/	0	/	0	/	947.10	37.38	/	0	/	0	/	1072.81
WOODS FARM SUPPLY INC	16-CJ-22-FERT	03/14/2022	13	/	13	/	13	/	773.50	12.83	/	15.18	/	11.89	/	787.63
WOODS FARM SUPPLY INC	17-CJ-22-FERT	03/14/2022	17	/	17	/	17	/	1011.50	17.89	/	16.56	/	16.49	/	1022.47
WOODS FARM SUPPLY INC	18-CJ-22-FERT	03/14/2022	8	/	8	/	8	/	476.00	10.68	/	9.42	/	9.95	/	604.41
WOODS FARM SUPPLY INC	27-CJ-22-FERT	05/25/2022	26	/	6	/	12	/	1018.78	24.49	/	6.25	/	11.76	/	975.97
WOODS FARM SUPPLY INC	28-CJ-22-FERT	05/25/2022	19	/	19	/	19	/	1130.50	18.47	/	18.37	/	19.65	/	1114.61
WOODS FARM SUPPLY INC	39-CJ-22-FERT	09/12/2022	13	/	13	/	13	/	773.50	11.73	/	12.83	/	12.78	/	731.08
WOODS FARM SUPPLY INC	40-CJ-22-FERT	09/12/2022	33	/	0	/	0	/	947.10	36.53	/	0	/	0	/	1048.41
WOODS FARM SUPPLY INC	1-CJ-23-FERT	10/04/2022	13	/	13	/	13	/	773.50	12.29	/	13.59	/	13.48	/	769.68
YARA NORTH AMERICA	47-BM-22-FERT	07/14/2022	46	/	0	/	0	/	1320.20	46.27	/	0	/	0	/	1327.95
YARA NORTH AMERICA	48-BM-22-FERT	07/14/2022	46	/	0	/	0	/	1320.20	46.51	/	0	/	0	/	1334.84
YARA NORTH AMERICA	49-BM-22-FERT	07/14/2022	46	/	0	/	0	/	1320.20	46.54	/	0	/	0	/	1335.70