

State of Illinois



Department of Agriculture

John M. Sullivan, Director

ILLINOIS COMMERCIAL FERTILIZER LABORATORY ANALYSIS

JULY 1, 2018- JUNE 30, 2019

This publication contains the fertilizer analysis as compared with guarantees for samples collected during Fiscal Year 2019. The products sampled are listed alphabetically by company with a total for each product. Samples that failed the analysis have the failed component listed to the right.

<u>Total Companies</u>	<u>Samples</u>	<u>Pass</u>	<u>Fail</u>
93	722	705	17
		97.51% Passed	

Violation Totals

Nitrogen	5
Phosphate	1
Potash	4
Sulfur	4
TCV	5

Company Sample Listing

| Min Receive Date: 07/01/2018 | Max Receive Date: 06/30/2019 |

Fertilizer

	Company Info/Product Name	Samples	Pass	Fail	Type of Violation
	ADM FERTILIZER A DIVISION OF ARCHER DANIELS MIDLAND COMPANY				
	AMMONIUM SULFATE 21-0-0 24S	1	1	0	
	DIAMMONIUM PHOSPHATE 18-46-0	11	10	1	(1-TCV)
	MONOAMMONIUM PHOSPHATES 11-52-0	1	1	0	
	POTASSIUM CHLORIDE 0-0-60	5	5	0	
	TRIPLE PHOSPHATE 0-46-0	2	2	0	
	UREA 46-0-0	9	9	0	
	UREA AMMONIUM NITRATE SOLUTION 28-0-0	2	2	0	
		-----	-----	-----	
		31	30	1	96.77% Passed
	ADVANSIX INC.				
	SULF-N MID-GRADE AMMONIUM SULFATE 21-0-0+24S	6	6	0	
		-----	-----	-----	
		6	6	0	100% Passed
	AG LAND FS INC				
	0-0-60	3	3	0	
	12-40-0	1	1	0	
	18-46-0	3	3	0	
	28-0-0	1	1	0	
		-----	-----	-----	
		8	8	0	100% Passed
	AG TECH/HIGHLAND CHEMICAL				
	18-46-0	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	AG VIEW FS INC				
	0-0-60	3	3	0	
	18-46-0	2	2	0	
	32-0-0	1	1	0	
	MES 10 12-40-0 10S	2	2	0	
		-----	-----	-----	
		8	8	0	100% Passed
	AGRIUM US INC, A SUBSIDIARY OF NUTRIEN, LTD				
	AGRIUM MURIATE OF POTASH 0-0-60	2	2	0	
	AGRIUM ESN POLYMER COATED UREA 44-0-0	4	4	0	
	DIAMMONIUM PHOSPHATE 18-46-0	1	1	0	
	NUTRIEN ESN POLYMER COATED UREA 44-0-0	4	4	0	
	NUTRIEN RED PREMIUM POTASH MURIATE OF POTASH	1	1	0	
		-----	-----	-----	
		12	12	0	100% Passed
	AKRON SERVICES INC				
	0-0-60	1	1	0	
	18-46-0	1	0	1	(1-Nitrogen)
		-----	-----	-----	
07.09.2019		2	1	1	50% Passed

	Company Info/Product Name	Samples	Pass	Fail	Type of Violation
	AMERICAN PLANT FOOD CORPORATION				
	M-PAC AMMONIUM SULFATE 21-0-0	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	ATLANTA AG CENTER INC				
	0-0-60	1	1	0	
	11-52-0	1	1	0	
		-----	-----	-----	
		2	2	0	100% Passed
	BEASON AG CENTER				
	LIQUID NITROGEN 28-0-0	2	2	0	
		-----	-----	-----	
		2	2	0	100% Passed
	BEN-TREI FERTILIZER COMPANY LLC				
	UREA 46-0-0	2	2	0	
		-----	-----	-----	
		2	2	0	100% Passed
	BOLDUC & SONS INC				
	11-52-0	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	BRANDT CONSOLIDATED INC				
	12-40-0-10S. 1ZN	1	1	0	
	18.0-46-00	10	10	0	
	28.0-00-00	14	14	0	
	32.0-00-00	3	3	0	
	POTASH 00.0-00-60	8	8	0	
		-----	-----	-----	
		36	36	0	100% Passed
	BROWN'S FERTILIZER & CHEMICAL				
	0-0-60	1	1	0	
	0-46-0	1	1	0	
	18-46-0	1	1	0	
		-----	-----	-----	
		3	3	0	100% Passed
	BUNKER HILL SUPPLY				
	12-40-0	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	BURNT PRAIRIE FERTILIZER INC				
	0-0-60	1	1	0	
	18-46-0	1	1	0	
		-----	-----	-----	
		2	2	0	100% Passed
	C & R AG SUPPLY CO				
	0-0-60	1	1	0	
	11-52-0	1	1	0	
	18-46-0	1	1	0	
		-----	-----	-----	
		3	3	0	100% Passed

07.09.2019

	Company Info/Product Name	Samples	Pass	Fail	Type of Violation
	CALCIUM PRODUCTS INC				
	SO4 PELLETIZED GYPSUM	1	1	0	
	SUPERCAL SO4	4	2	2	(2-Sulfur)
		-----	-----	-----	
		5	3	2	60% Passed
	CARROLL SERVICE COMPANY				
	0-0-60	1	1	0	
	12-40-0 10S 1ZN	2	2	0	
	MAP 11-52-0	2	2	0	
	WHITE POTASH GRANULAR 0-0-62	1	1	0	
		-----	-----	-----	
		6	6	0	100% Passed
	CF INDUSTRIES SALES LLC				
	28-0-0	3	3	0	
	32-0-0	4	4	0	
	46-0-0	1	1	0	
		-----	-----	-----	
		8	8	0	100% Passed
	CGB FERTILIZER				
	DIAMMONIUM PHOSPHATE 18-46-0	1	1	0	
	Triple Super Phosphate 0-46-0	2	2	0	
	UREA GRANULAR 46-0-0	4	4	0	
		-----	-----	-----	
		7	7	0	100% Passed
	CHADWICK OIL & AG SERVICE				
	32-0-0	1	1	0	
	0-0-60	4	4	0	
	11-52-0	1	1	0	
	18-46-0	3	3	0	
	21-0-0 24S	1	1	0	
	32-0-0	2	2	0	
	46-0-0	2	2	0	
		-----	-----	-----	
		14	14	0	100% Passed
	CONSERV FS INC				
	0-0-60	1	1	0	
	18-46-0	1	1	0	
	ESN 44-0-0	1	1	0	
	MESZ 10 12-40-0-10S 10Z	3	3	0	
		-----	-----	-----	
		6	6	0	100% Passed
	CONSOLIDATED GRAIN & BARGE CO./ TWOMEY G				
	0-0-60	1	1	0	
	11-52-0	1	1	0	
		-----	-----	-----	
		2	2	0	100% Passed

	Company Info/Product Name	Samples	Pass	Fail	Type of Violation
	CROP PRODUCTION SERV INC				
	12-40-0	3	3	0	
	21-0-0-24S	1	0	1	(1-Nitrogen)
	44-0-0	2	2	0	
	AMS 20-0-0 S24	1	1	0	
	DI AMMONIUM PHOSPHATE 18-46-0	9	9	0	
	MONO AMMONIUM PHOSPHATE 11-52-0	11	10	1	(1-Phosphate/TCV)
	MURIATE OF POTASH 0-0-62	1	1	0	
	NITROGEN SOLUTION 32-0-0	2	2	0	
	POTASH 0-0-60	16	16	0	
	TRIPLE SUPER PHOSPHATE 0-46-0	6	6	0	
		-----	-----	-----	
		52	50	2	96.15% Passed
	DONOVAN FARMERS ELEVATOR				
	0-0-60	1	1	0	
	21-0-0-24S	1	1	0	
	DAP 18-46-0	1	1	0	
		-----	-----	-----	
		3	3	0	100% Passed
	EARLYBIRD FEED & FERTILIZER				
	0-0-60	2	2	0	
	18-46-0	3	3	0	
	21-0-0 24S	1	1	0	
		-----	-----	-----	
		6	6	0	100% Passed
	EAST DUBUQUE NITROGEN FERTILIZERS LLC				
	28-0-0	11	11	0	
		-----	-----	-----	
		11	11	0	100% Passed
	EAST LYNN FERTILIZER INC				
	11-52-0	1	1	0	
	POTASH 00-00-60	1	1	0	
		-----	-----	0	
		2	2	0	100% Passed
	EFFINGHAM EQUITY				
	0-0-60	2	2	0	
	0-46-0	1	1	0	
	12-40-0+10S	1	1	0	
	18-46-0	5	5	0	
	21-00-00-24 S	2	2	0	
	32-0-0	1	1	0	
		-----	-----	-----	
		12	12	0	100% Passed
	FARMERS AG SERVICE INC				
	00-46-00	1	1	0	
	DAP 18-46-0	1	1	0	
	POTASH 00-00-60	1	1	0	
		-----	-----	-----	
		3	3	0	100% Passed

	Company Info/Product Name	Samples	Pass	Fail	Type of Violation
	GATEWAY FS INC				
	0-46-0	2	2	0	
	18-46-0	2	2	0	
	21-0-0 24S	1	1	0	
	46-0-0	3	3	0	
		-----	-----	-----	
		8	8	0	100% Passed
	GAVILON FERTILIZER LLC				
	0-0-60	8	8	0	
	0-46-0	1	1	0	
	10-34-0	1	1	0	
	11-52-0	8	8	0	
	18-46-0	2	2	0	
	21-0-0 24S	2	1	1	(1-Nitrogen) (1-Sulfur)
	28-0-0	5	5	0	
	32-0-0	1	1	0	
	46-0-0	3	3	0	
	AMMONIUM SULFATE 20.5-0-0 24S	1	1	0	
	MAP 11-52-0	1	1	0	
		-----	-----	-----	
		33	32	1	96.97% Passed
	GLENDENNING FERTILIZER INC				
	32-0-0	2	2	0	
		-----	-----	-----	
		2	2	0	100% Passed
	GOLD STAR FS				
	0-0-62	4	4	0	
	11-52-0	4	4	0	
	12-40-0	3	3	0	
		-----	-----	-----	
		11	11	0	100% Passed
	GRAINCO FS INC				
	0-0-60	1	1	0	
	11-52-0	2	2	0	
	12-40-0 10S 12N	1	1	0	
		-----	-----	-----	
		4	4	0	100% Passed
	GRANITE CITY TERMINAL				
	DIAMMONIUM PHOSPHATE 18-46-0	5	5	0	
	21-0-0 24S	1	1	0	
	46-0-0	2	2	0	
	POTASH 0-0-60	3	3	0	
	TRIPLE SUPERPHOSPHATE 0-46-0	2	2	0	
		-----	-----	-----	
		13	13	0	100% Passed

	Company Info/Product Name	Samples	Pass	Fail	Type of Violation
	GROWMARK INC				
	0-46-0	9	9	0	
	11-52-00	12	12	0	
	28-0-0	5	5	0	
	32-00-00	2	2	0	
	44-0-0	1	1	0	
	46-0-0	16	16	0	
	DAP 18-46-0	30	28	2	(2-TCV)
	MAP 11-52-0	1	1	0	
	MES 12-40-0-10s	8	8		
	MES-Z 12-40-0 10S 1ZN	2	2	0	
	POTASH 0-0-60	25	23	2	(2-Potash)
	POTASH 0-0-62	6	6	0	
		-----	-----	-----	
		117	113	4	96.58% Passed
	H N W	0	0	0	
	8-24-0	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	HELENA AGRI-ENTERPRISES, LLC				
	32-0-0	2	2	0	
	0-0-60	3	3	0	
	11-52-0	5	5	0	
	21-0-0-24S	3	3	0	
	GRANULAR 0-0-62	1	1	0	
		-----	-----	-----	
		14	14	0	100% Passed
	HELM FERTILIZER CORP				
	0-46-0	4	4	0	
		-----	-----	-----	
		4	4	0	100% Passed
	HERITAGE FS INC				
	0-0-60	3	3	0	
	10-34-0	1	1	0	
	12-40-0	2	2	0	
	18-46-0	4	4	0	
	28-0-0	2	2	0	
		-----	-----	-----	
		12	12	0	100% Passed
	HERRIN LTD				
	28-0-0	2	2	0	
	MURIATE OF POTASH 0-0-60	2	2	0	
		-----	-----	-----	
		4	4	0	100% Passed
	ILLINI FS DIVISION OF GROWMARK, INC				
	MAP 11-52-0	1	1	0	
	MESZ 12-40-0-10%S 1% ZN	1	1	0	
	POTASH 0-0-60	1	1	0	
		-----	-----	-----	
		3	3	0	100% Passed

	Company Info/Product Name	Samples	Pass	Fail	Type of Violation
	INTEROCEANIC CORP				
	AMS 20.5-0-0-24	2	2	0	
		-----	-----	-----	
		2	2	0	100% Passed
	IOWA FERTILIZER COMPANY				
	28-0-0 UREA AMMONIUM NITRATE SOLUTION	3	3	0	
	32-0-0	1	1	0	
		-----	-----	-----	
		4	4	0	100% Passed
	KOCH FERTILIZER LLC				
	UREA AMMONIUM NITRATE (UAN) SOLUTION 32-0-0	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	LEROY FERTILIZER SERVICES				
	0-0-60	1	1	0	
	18-46-0	1	1	0	
		-----	-----	-----	
		2	2	0	100% Passed
	MAPLEHURST FARMS				
	0-0-60	2	2	0	
		-----	-----	-----	
		2	2	0	100% Passed
	MARCO N P K INC				
	0-0-60	3	3	0	
	12-40-0 10S	1	1	0	
	LIQUID 28-0-0	1	1	0	
		-----	-----	-----	
		5	5	0	100% Passed
	MERSCHMAN FERTILIZER LLC				
	0-0-60	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	MIDWEST AGRI-CHEMICO INC				
	00-46-00	1	1	0	
	18-46-00	1	1	0	
		-----	-----	-----	
		2	2	0	100% Passed
	MILLER FERTILIZER & FEED				
	0-0-60	1	1	0	
	0-46-0	1	1	0	
	18-46-0	1	1	0	
		-----	-----	-----	
		3	3	0	100% Passed

	Company Info/Product Name	Samples	Pass	Fail	Type of Violation
	MONT EAGLE MILLS INC				
	0-0-60	2	2	0	
	18-46-0	1	1	0	
	46-0-0	1	1	0	
	MAP 11-52-0	1	1	0	
		-----	-----	-----	
		5	5	0	100% Passed
	MOSAIC GLOBAL SALES, LLC				
	ASPIRE 0-0-58 WITH BORON	1	1	0	
	DAP 18-46-0	7	7	0	
	KMAG, PREMIUM 0-0-21.5	5	4	1	(1-Sulfur)
	KMAG, SPECIAL STANDARD 0-0-21.5	1	1	0	
	MAP 10-49-0	2	2	0	
	MAP 11-52-0	7	7	0	
	MICRO ESSENTIALS S10 12-40-0	5	5	0	
	MICRO ESSENTIALS SZ 12-40-0	2	2	0	
	MOP 0-0-60	12	12	0	
	MOP 0-0-62	5	5	0	
		-----	-----	-----	
		47	46	1	97.87% Passed
	N-7, LLC				
	46-0-0	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	NORTHERN PARTNERS COOPERATIVE				
	21-0-0 24S	1	1	0	
	32-0-0	2	2	0	
	46-0-0 UREA	1	1	0	
	DAP 18-46-0	1	1	0	
	MAP 11-52-0	1	1	0	
	POTASH 0-0-60	1	1	0	
		-----	-----	-----	
		7	7	0	100% Passed
	NUTRIEN AG SOLUTIONS, INC				
	4-6-32	1	1	0	
	44-0-0	1	1	0	
	DI AMMONIUM PHOSPHATE 18-46-0	8	8	0	
	MONO AMMONIUM PHOSPHATE 11-52-0	3	3	0	
	MURIATE OF POTASH 0-0-62	1	1	0	
	NITROGEN SOLUTION 28-0-0	1	1	0	
	NITROGEN SOLUTION 32-0-0	1	1	0	
	POTASH 0-0-60	12	12	0	
	TRIPLE SUPER PHOSPHATE 0-46-0	1	1	0	
	UREA 46-0-0	2	2	0	
		-----	-----	-----	
		31	31	0	100% Passed
	OAKLEY FERTILIZER INC				
	0-0-60	1	1	0	
	11-52-0	1	1	0	
	32-0-0	1	1	0	
		-----	-----	-----	
		3	3	0	100% Passed

	Company Info/Product Name	Samples	Pass	Fail	Type of Violation
	PCS SALES (USA) INC				
	11-52-0 MONOAMMONIUM PHOSPHATE	1	1	0	
	DAP 18-46-0	1	1	0	
	MURIATE OF POTASH 0-0-60	6	6	0	
	MURIATE OF POTASH 0-0-62	2	2	0	
	PCS GOLDEN URAN 32-0-0	1	1	0	
		-----	-----	-----	
		11	11	0	100% Passed
	PITCHFORD ELEVATOR COMPANY				
	0-0-60	2	2	0	
	18-46-0	2	2	0	
	46-0-0	1	1	0	
		-----	-----	-----	
		5	5	0	100% Passed
	PRAIRIELAND FS				
	28-0-0	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	RANDOLPH AG SERVICE INC				
	0-0-60	1	1	0	
	0-0-62	1	1	0	
	11-52-00	1	1	0	
		-----	-----	-----	
		3	3	0	100% Passed
	RIVER VALLEY COOPERATIVE				
	11-52-0	2	2	0	
	MEZ S10 12-40-00	1	1	0	
		-----	-----	-----	
		3	3	0	100% Passed
	ROCK RIVER LBR & GRAIN				
	11-52-0 MAP	1	1	0	
	32-0-0	1	1	0	
		-----	-----	-----	
		2	2	0	100% Passed
	SEWARD AG SUPPLY INC				
	18-46-0	1	1	0	
	21-0-0 S24	1	1	0	
		-----	-----	-----	
		2	2	0	100% Passed
	SOUTH CENTRAL FS INC				
	0-0-62	1	1	0	
	0-46-0	1	1	0	
	46-0-0	1	1	0	
		-----	-----	-----	
		3	3	0	100% Passed
	SOUTHERN FS INC				
	BULK MAP 11-52-0	1	1	0	
	DAP 18-46-0	1	1	0	
	POTASH 0-0-60	2	2	0	
		-----	-----	-----	
	07.09.2019	4	4	0	100% Passed

	Company Info/Product Name	Samples	Pass	Fail	Type of Violation
	ST CLAIR SERVICE COMPANY				
	46-0-0	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	STEPHENSON SERVICE COMPANY				
	0-0-60	1	1	0	
	18-46-0	2	2	0	
	28% Nitrogen Solution 28-0-0	8	8	0	
	GTSP 0-46-0	2	2	0	
		-----	-----	-----	
		13	13	0	100% Passed
	STONINGTON FERTILIZER, INC				
	0-0-60	1	1	0	
	18-46-0	1	1	0	
		-----	-----	-----	
		2	2	0	100% Passed
	SUL4R-PLUS, LLC				
	SUL4R-PLUS	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	SUN AG INC				
	0-0-60	3	3	0	
	11-52-0	3	3	0	
	21-0-0 S24	1	0	1	(1-Nitrogen)
		-----	-----	-----	
		7	6	1	85.71% Passed
	SUNRISE FS				
	28-0-0	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	TERAYNE AG SPECIALTIES INC				
	18-46-0	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	TESSENDERLO KERLEY INC				
	THIO-SUL 12-0-0 26S	2	2	0	
		-----	-----	-----	
		2	2	0	100% Passed
	THE ANDERSONS INC				
	11-52-0	1	1	0	
	18-46-0	2	2	0	
		-----	-----	-----	
		3	3	0	100% Passed
	THE ANDERSONS PLANT NUTRIENT, LLC				
	0-0-60	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed

	Company Info/Product Name	Samples	Pass	Fail	Type of Violation
	THE DE LONG COMPANY INC				
	10-34-00	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	THE GAVILON FERTILIZER, LLC				
	0-0-60	1	1	0	
	0-46-0	1	1	0	
	18-46-0	1	1	0	
	21-0-0 24S	2	2	0	
	28-0-0	1	1	0	
	46-0-0	2	2	0	
		-----	-----	-----	
		8	8	0	100% Passed
	TRAMMO, INC				
	11-52-0	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	TRI AG INC				
	0-0-60 POTASH	1	1	0	
	18-46-0 DAP	1	1	0	
		-----	-----	-----	
		2	2	0	100% Passed
	TRI COUNTY CHEMICAL INC				
	3-10-30	3	1	2	(1-Potash) (1-TCV)
	8-25-0	1	1	0	
		-----	-----	-----	
		4	2	2	50% Passed
	TRI COUNTY FS INC				
	0-46-0	1	1	0	
	12-40-0 10s	1	1	0	
	28-0-0	1	1	0	
		-----	-----	-----	
		3	3	0	100% Passed
	TUNE ROCK & FERTILIZER, INC				
	DAP 18-46-0	1	1	0	
	POTASH 0-0-60	1	1	0	
		-----	-----	-----	
		2	2	0	100% Passed
	UNITED PRAIRIE LLC				
	00-00-60	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed
	UNITY ENVIROTECH OF ILLINOIS, LLC				
	20.5-0-0 24S	1	1	0	
		-----	-----	-----	
		1	1	0	100% Passed

	Company Info/Product Name	Samples	Pass	Fail	Type of Violation
	VAN HORN				
	0-0-60	3	3	0	
	18-46-0	3	3	0	
	21-0-0	1	1	0	
	32-0-0	2	2	0	
		-----	-----	-----	
		9	9	0	100% Passed
	WABASH VALLEY SERVICE CO				
	20.34-0-0	2	2	0	
		-----	-----	-----	
		2	2	0	100% Passed
	WATERWAY AG INC				
	AMMONIUM SULFATE 21-0-0	1	1	0	
	DAP 18-46-00	2	2	0	
	MAP 11-52-0	1	1	0	
	MES-10 12-40-0 10S	1	1	0	
	POTASH 00-00-60	1	0	1	(1-Potash)
	UREA 46-00-00	1	1	0	
		-----	-----	-----	
		7	6	1	85.71% Passed
	WELDON FERTILIZER & LUMBER				
	DIAMMONIUM PHOSPHATE 18-46-0	1	1	0	
	POTASH 0-0-60	1	1	0	
		-----	-----	-----	
		2	2	0	100% Passed
	WEST CENTRAL FS INC				
	0-0-60	2	2	0	
	12-40-0	2	2	0	
	TRIPLE SUPER PHOSPHATE 0-46-0	2	2	0	
		-----	-----	-----	
		6	6	0	100% Passed
	WINFIELD UNITED				
	0-45-0	2	2	0	
	18-46-0	1	1	0	
	21-0-0 24S	2	1	1	(1-Nitrogen)
	DAP 18-46-0	1	1	0	
	20.5-0-0 24S	1	1	0	
		-----	-----	-----	
		7	6	1	85.71% Passed