

NEBRASKA

Good Life. Great Resources.

DEPT. OF ENVIRONMENT AND ENERGY

April 13, 2021

Scott Tingelhoff
General Manager
Capitol Corporate Services Inc.
Suite 800
1125 S. 103 St.
Omaha, NE 68124

RE: AltEn, LLC
Facility ID: 84069
Program ID: NE0137634
Subject: Wet Cake Sampling Results

Dear Mr. Tingelhoff:

On March 11, 2021, the Nebraska Department of Environment and Energy (NDEE) collected composite samples of the wet cake stockpiled on the AltEn, LLC facility. Samples were collected from the east stockpile (Wet-Cake #1), northwest stockpile north of the hoop buildings (Wet-Cake #2) and the central stockpile east of the hoop buildings (Wet-Cake #3). The NDEE appreciates your cooperation in this matter.

Enclosed are the laboratory results for the composite soil samples "Wet-Cake #1", "Wet-Cake #2" and "Wet-Cake #3" collected from the facility. The samples were tested for various types of pesticides associated with the seed treatment of field corn. The first column of the laboratory report identifies each chemical that was tested for. The third column provides the numeric results of the chemical in units of Parts Per Billion (ppb). A result followed by a result of "ND" indicates that the chemical was not detected.

A summary table is attached to this letter. Enclosed are copies of all the laboratory data, Sampling Plan, Quality Assurance Project Plan (QAPP) addendum and field trip report for the March 11, 2021 sampling event.

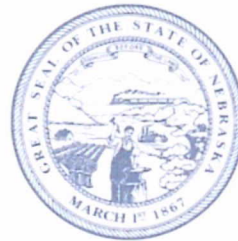
If you have any questions, please contact me or Zoe DeGrande at (402) 471-2186 or mike.felix@nebraska.gov or zoe.degrande@nebraska.gov.

Sincerely,



Mike Felix
Section Supervisor
Superfund/VCP Section
Monitoring and Remediation Division

Enclosures



Pete Ricketts, Governor



Chemical	Wet Cake #1 (ppb)	Wet Cake #2 (ppb)	Wet Cake #3 (ppb)
Abamectin	3220	1370	2850
Azoxystrobin	2620	2740	2090
Clothianidin	18300	217000	101000
Desthio-Prothioconazole	1670	3180	1800
Difenoconazole	407	1470	1730
Fluoxastrobin	60700	62700	49500
Glufosinate	74.3	147	99.5
Imidacloprid	323	737	1060
Ipconazole	7400	5260	5980
Metconazole	23.6	ND	ND
Prothioconazole	8620	3550	5120
Pyraclostrobin	494	ND	233
Sulfonic Acid Prothioconazole	200	303	190
Tebuconazole	3900	20600	5300
Thiabendazole	40500	49200	37100
Thiamethoxam	154000	33300	15300
Trifloxystrobin	1100	5010	2160

Performed By:

South Dakota Agricultural Laboratories
1335 Western Avenue
Brookings, South Dakota 57006
Phone: 605-692-7325
E-Mail: regina.wixon@sdaglabs.com

Collected By:

Nebraska Dept. of Environment & Energy-Jim Borovic
245 Fallbrook Blvd
Lincoln, NE 68521
Phone: 402-471-2223
E-Mail: jim.borovich@nebraska.gov

Report Date: 2021-04-09**Final Report****South Dakota Agricultural Laboratories has examined the sample of**

Limfinite Package Id : 20210317-002
Lab Sample Id : 21PE001929
Customer Sample Id : Wet-Cake #1
Sample Description : Wet Cake
Date Collected : 2021-03-11
Date Received : 2021-03-17
Cooler Temp :

RESULTS

ANALYTE	UNIT	AS RECEIVED	LOD	DETECTION LIMIT	METHOD	DATE OF EXTRACTION	DATE OF ANALYSIS
Abamectin	ppb	3220	3	10		2021-04-05	2021-04-07
Acetamiprid	ppb	ND	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Azoxystrobin	ppb	2620	1	5	LC-MS/MS	2021-03-19	2021-03-27
Brassinazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Clothianidin	ppb	18300	1	5	JAOACI 86(5)	2021-03-19	2021-03-29
Cyproconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Desthio-Prothioconazole	ppb	1670	1	5	LC-MS/MS	2021-03-19	2021-03-20
Difenoconazole	ppb	407	1	5	LC-MS/MS	2021-03-19	2021-03-20
Dimoxystrobin	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-19
Dinotefuran	ppb	ND	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Epoxiconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Fluconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Fluoxastrobin	ppb	60700	1	5	LC-MS/MS	2021-03-19	2021-03-27
Glufosinate	ppb	74.3	3	10	J. Agric. Food Chem. 34 535-538	2021-03-23	2021-03-26
Glyphosate	ppb	ND	3	10	J. Agric. Food Chem. 34 535-538	2021-03-23	2021-03-26
Imidacloprid	ppb	323	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Ipconazole	ppb	7400	1	5	LC-MS/MS	2021-03-19	2021-03-20
Isavuconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Metconazole	ppb	23.6	1	5	LC-MS/MS	2021-03-19	2021-03-20
Nitenpyram	ppb	ND	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Oryastrobin	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-27
Picoxystrobin	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-19
Propiconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Prothioconazole	ppb	8620	1	5	LC-MS/MS	2021-03-19	2021-03-31
Pyraclostrobin	ppb	494	1	5	LC-MS/MS	2021-03-19	2021-03-19
Ravuconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Sulfonic Acid Prothioconazole	ppb	200	1	5	LC-MS/MS	2021-03-19	2021-03-20
Tebuconazole	ppb	3900	1	5	LC-MS/MS	2021-03-19	2021-03-20

Tetraconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Thiabendazole	ppb	40500	1	5	LC-MS/MS	2021-03-19	2021-03-31
Thiacloprid	ppb	ND	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Thiamethoxam	ppb	154000	1	5	JAOACI 86(5)	2021-03-19	2021-03-29
Trifloxystrobin	ppb	1100	1	5	LC-MS/MS	2021-03-19	2021-03-27
Uniconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Voriconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20

QUALITY ASSURANCE

ANALYTE	UNIT	DUPLICATE	SPIKE RECOVERY	MATRIX BLANK	PROCESS BLANK	INSTRUMENT BLANK
Abamectin	ppb	21PE001930	91.9	ND	ND	ND
Acetamiprid	ppb	21PE001930	95.6	ND	ND	ND
Azoxystrobin	ppb	2780	107	ND	ND	ND
Brassinazole	ppb	ND	113	ND	ND	ND
Clothianidin	ppb	21PE001930	118	ND	ND	ND
Cyproconazole	ppb	ND	105	ND	ND	ND
Desthio-Prothioconazole	ppb	1630	113	ND	ND	ND
Difenoconazole	ppb	418	94.3	ND	ND	ND
Dimoxystrobin	ppb	ND	97.5	ND	ND	ND
Dinotefuran	ppb	21PE001930	97.7	ND	ND	ND
Epoxiconazole	ppb	ND	108	ND	ND	ND
Fluconazole	ppb	ND	85.4	ND	ND	ND
Fluoxastrobin	ppb	62300	107	ND	ND	ND
Glufosinate	ppb	21PE001930	112	ND	ND	ND
Glyphosate	ppb	21PE001930	87.9	ND	ND	ND
Imidacloprid	ppb	21PE001930	111	ND	ND	ND
Ipconazole	ppb	8080	83.4	ND	ND	ND
Isavuconazole	ppb	ND	89.1	ND	ND	ND
Metconazole	ppb	27.7	91.7	ND	ND	ND
Nitenpyram	ppb	21PE001930	117	ND	ND	ND
Orysastrobin	ppb	ND	102	ND	ND	ND
Picoxystrobin	ppb	ND	70.3	ND	ND	ND
Propiconazole	ppb	ND	104	ND	ND	ND
Prothioconazole	ppb	8550	80.3	ND	ND	ND
Pyraclostrobin	ppb	483	76.8	ND	ND	ND
Ravuconazole	ppb	ND	93.6	ND	ND	ND
Sulfonic Acid Prothioconazole	ppb	222	115	ND	ND	ND
Tebuconazole	ppb	4340	111	ND	ND	ND
Tetraconazole	ppb	ND	94.2	ND	ND	ND
Thiabendazole	ppb	38400	95.4	ND	ND	ND
Thiacloprid	ppb	21PE001930	94.1	ND	ND	ND
Thiamethoxam	ppb	21PE001930	100	ND	ND	ND
Trifloxystrobin	ppb	1100	104	ND	ND	ND
Uniconazole	ppb	ND	108	ND	ND	ND
Voriconazole	ppb	ND	115	ND	ND	ND

Comments:

Definitions:

ppb - parts per billion

Detection Limit - Lowest concentration that can be quantitatively reported with confidence

ND - Not Detected above the limit of quantification

Duplicate - Concentration found in repeat sample analysis

Spike Recovery - Recovery based on a known amount of active ingredient spiked into a similar-matrix, blank sample

Matrix Blank - A similar-matrix, blank sample is evaluated

Process Blank - A sample without any matrix (soil, vegetation etc) is processed through the sample analysis procedure

Instrument Blank - Injection solvent is run to demonstrate no carryover between injections on the instrument

Reviewed and approved by Regina Wixon, Ph.D.

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245 Fallbrook Blvd
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Phone: 402-471-2223
E-Mail: jim.borovich@nebraska.gov

Report Date: 2021-04-09**Final Report****South Dakota Agricultural Laboratories has examined the sample of**

Limfinite Package Id : 20210317-002
Lab Sample Id : 21PE001930
Customer Sample Id : Wet-Cake #2
Sample Description : Wet Cake
Date Collected : 2021-03-11
Date Received : 2021-03-17
Cooler Temp :

RESULTS

ANALYTE	UNIT	AS RECEIVED	LOD	DETECTION LIMIT	METHOD	DATE OF EXTRACTION	DATE OF ANALYSIS
Abamectin	ppb	1370	3	10		2021-04-05	2021-04-07
Acetamiprid	ppb	ND	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Azoxystrobin	ppb	2740	1	5	LC-MS/MS	2021-03-19	2021-03-27
Brassinazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Clothianidin	ppb	217000	1	5	JAOACI 86(5)	2021-03-19	2021-03-29
Cyproconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Desthio-Prothioconazole	ppb	3180	1	5	LC-MS/MS	2021-03-19	2021-03-20
Difenoconazole	ppb	1470	1	5	LC-MS/MS	2021-03-19	2021-03-20
Dimoxystrobin	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-19
Dinotefuran	ppb	ND	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Epoxiconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Fluconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Fluoxastrobin	ppb	62700	1	5	LC-MS/MS	2021-03-19	2021-03-27
Glufosinate	ppb	147	3	10	J. Agric. Food Chem. 34 535-538	2021-03-23	2021-03-26
Glyphosate	ppb	ND	3	10	J. Agric. Food Chem. 34 535-538	2021-03-23	2021-03-26
Imidacloprid	ppb	737	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Ipconazole	ppb	5260	1	5	LC-MS/MS	2021-03-19	2021-03-20
Isavuconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Metconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Nitenpyram	ppb	ND	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Oryastrobin	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-27
Picoxystrobin	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-19
Propiconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Prothioconazole	ppb	3550	1	5	LC-MS/MS	2021-03-19	2021-03-20
Pyraclostrobin	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-19
Ravunconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Sulfonic Acid Prothioconazole	ppb	303	1	5	LC-MS/MS	2021-03-19	2021-03-20
Tebuconazole	ppb	20600	1	5	LC-MS/MS	2021-03-19	2021-03-31

Tetraconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Thiabendazole	ppb	49200	1	5	LC-MS/MS	2021-03-19	2021-03-31
Thiacloprid	ppb	ND	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Thiamethoxam	ppb	33300	1	5	JAOACI 86(5)	2021-03-19	2021-03-29
Trifloxystrobin	ppb	5010	1	5	LC-MS/MS	2021-03-19	2021-03-27
Uniconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Voriconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20

QUALITY ASSURANCE

ANALYTE	UNIT	DUPLICATE	SPIKE RECOVERY	MATRIX BLANK	PROCESS BLANK	INSTRUMENT BLANK
Abamectin	ppb	1340	91.9	ND	ND	ND
Acetamiprid	ppb	ND	95.6	ND	ND	ND
Azoxystrobin	ppb	21PE001929	107	ND	ND	ND
Brassinazole	ppb	21PE001929	113	ND	ND	ND
Clothianidin	ppb	257000	118	ND	ND	ND
Cyproconazole	ppb	21PE001929	105	ND	ND	ND
Desthio-Prothioconazole	ppb	21PE001929	113	ND	ND	ND
Difenoconazole	ppb	21PE001929	94.3	ND	ND	ND
Dimoxystrobin	ppb	21PE001929	97.5	ND	ND	ND
Dinotefuran	ppb	ND	97.7	ND	ND	ND
Epoxiconazole	ppb	21PE001929	108	ND	ND	ND
Fluconazole	ppb	21PE001929	85.4	ND	ND	ND
Fluoxastrobin	ppb	21PE001929	107	ND	ND	ND
Glufosinate	ppb	123	112	ND	ND	ND
Glyphosate	ppb	ND	87.9	ND	ND	ND
Imidacloprid	ppb	730	111	ND	ND	ND
Ipconazole	ppb	21PE001929	83.4	ND	ND	ND
Isavuconazole	ppb	21PE001929	89.1	ND	ND	ND
Metconazole	ppb	21PE001929	91.7	ND	ND	ND
Nitenpyram	ppb	ND	117	ND	ND	ND
Orysastrobin	ppb	21PE001929	102	ND	ND	ND
Picoxystrobin	ppb	21PE001929	70.3	ND	ND	ND
Propiconazole	ppb	21PE001929	104	ND	ND	ND
Prothioconazole	ppb	21PE001929		ND	ND	ND
Pyraclostrobin	ppb	21PE001929	76.8	ND	ND	ND
Ravuconazole	ppb	21PE001929	93.6	ND	ND	ND
Sulfonic Acid Prothioconazole	ppb	21PE001929	115	ND	ND	ND
Tebuconazole	ppb	21PE001929	105	ND	ND	ND
Tetraconazole	ppb	21PE001929	94.2	ND	ND	ND
Thiabendazole	ppb	21PE001929	95.4	ND	ND	ND
Thiacloprid	ppb	ND	94.1	ND	ND	ND
Thiamethoxam	ppb	33600	100	ND	ND	ND
Trifloxystrobin	ppb	21PE001929	104	ND	ND	ND
Uniconazole	ppb	21PE001929	108	ND	ND	ND
Voriconazole	ppb	21PE001929	115	ND	ND	ND

Comments:

Definitions:

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ND - Not Detected above the limit of quantification

Duplicate - Concentration found in repeat sample analysis

Spike Recovery - Recovery based on a known amount of active ingredient spiked into a similar-matrix, blank sample

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Instrument Blank - Injection solvent is run to demonstrate no carryover between injections on the instrument

Reviewed and approved by Regina Wixon, Ph.D.

Performed By:

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 1335 Western Avenue
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Collected By:

Nebraska Dept. of Environment & Energy-Jim Borovic
 245 Fallbrook Blvd
 Lincoln ,NE 68521
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 E-Mail: jim.borovich@nebraska.gov

Report Date: 2021-04-09**Final Report****South Dakota Agricultural Laboratories has examined the sample of**

Limfinite Package Id : 20210317-002
 Lab Sample Id : 21PE001931
 Customer Sample Id : Wet-Cake #3
 Sample Description : Wet Cake
 Date Collected : 2021-03-11
 Date Received : 2021-03-17
 Cooler Temp :

RESULTS

ANALYTE	UNIT	AS RECEIVED	LOD	DETECTION LIMIT	METHOD	DATE OF EXTRACTION	DATE OF ANALYSIS
Abamectin	ppb	2850	3	10		2021-04-05	2021-04-07
Acetamiprid	ppb	ND	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Azoxystrobin	ppb	2090	1	5	LC-MS/MS	2021-03-19	2021-03-27
Brassinazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Clothianidin	ppb	101000	1	5	JAOACI 86(5)	2021-03-19	2021-03-29
Cyproconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Desthio-Prothioconazole	ppb	1800	1	5	LC-MS/MS	2021-03-19	2021-03-20
Difenoconazole	ppb	1730	1	5	LC-MS/MS	2021-03-19	2021-03-20
Dimoxystrobin	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-19
Dinotefuran	ppb	ND	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Epoxiconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Fluconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Fluoxastrobin	ppb	49500	1	5	LC-MS/MS	2021-03-19	2021-03-27
Glufosinate	ppb	99.5	3	10	J. Agric. Food Chem. 34 535-538	2021-03-23	2021-03-26
Glyphosate	ppb	ND	3	10	J. Agric. Food Chem. 34 535-538	2021-03-23	2021-03-26
Imidacloprid	ppb	1060	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Iaconazole	ppb	5980	1	5	LC-MS/MS	2021-03-19	2021-03-20
Isavuconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Metconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Nitenpyram	ppb	ND	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Oryastrobin	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-27
Picoxystrobin	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-19
Propiconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Prothioconazole	ppb	5120	1	5	LC-MS/MS	2021-03-19	2021-03-31
Pyraclostrobin	ppb	233	1	5	LC-MS/MS	2021-03-19	2021-03-19
Ravunconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Sulfonic Acid Prothioconazole	ppb	190	1	5	LC-MS/MS	2021-03-19	2021-03-20
Tebuconazole	ppb	5300	1	5	LC-MS/MS	2021-03-19	2021-03-20

Tetraconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Thiabendazole	ppb	37100	1	5	LC-MS/MS	2021-03-19	2021-03-31
Thiacloprid	ppb	ND	1	5	JAOACI 86(5)	2021-03-19	2021-03-19
Thiamethoxam	ppb	15300	1	5	JAOACI 86(5)	2021-03-19	2021-03-29
Trifloxystrobin	ppb	2160	1	5	LC-MS/MS	2021-03-19	2021-03-27
Uniconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20
Voriconazole	ppb	ND	1	5	LC-MS/MS	2021-03-19	2021-03-20

QUALITY ASSURANCE

ANALYTE	UNIT	DUPLICATE	SPIKE RECOVERY	MATRIX BLANK	PROCESS BLANK	INSTRUMENT BLANK
Abamectin	ppb	21PE001930	91.9	ND	ND	ND
Acetamiprid	ppb	21PE001930	95.6	ND	ND	ND
Azoxystrobin	ppb	21PE001929	107	ND	ND	ND
Brassinazole	ppb	21PE001929	113	ND	ND	ND
Clothianidin	ppb	21PE001930	118	ND	ND	ND
Cyproconazole	ppb	21PE001929	105	ND	ND	ND
Desthio-Prothioconazole	ppb	21PE001929	113	ND	ND	ND
Difenoconazole	ppb	21PE001929	94.3	ND	ND	ND
Dimoxystrobin	ppb	21PE001929	97.5	ND	ND	ND
Dinotefuran	ppb	21PE001930	97.7	ND	ND	ND
Epoxiconazole	ppb	21PE001929	108	ND	ND	ND
Fluconazole	ppb	21PE001929	85.4	ND	ND	ND
Fluoxastrobin	ppb	21PE001929	107	ND	ND	ND
Glufosinate	ppb	21PE001930	112	ND	ND	ND
Glyphosate	ppb	21PE001930	87.9	ND	ND	ND
Imidacloprid	ppb	21PE001930	111	ND	ND	ND
Ipconazole	ppb	21PE001929	83.4	ND	ND	ND
Isavuconazole	ppb	21PE001929	89.1	ND	ND	ND
Metconazole	ppb	21PE001929	91.7	ND	ND	ND
Nitenpyram	ppb	21PE001930	117	ND	ND	ND
Orysastrobin	ppb	21PE001929	102	ND	ND	ND
Picoxystrobin	ppb	21PE001929	70.3	ND	ND	ND
Propiconazole	ppb	21PE001929	104	ND	ND	ND
Prothioconazole	ppb	21PE001929	80.3	ND	ND	ND
Pyraclostrobin	ppb	21PE001929	76.8	ND	ND	ND
Ravuconazole	ppb	21PE001929	93.6	ND	ND	ND
Sulfonic Acid Prothioconazole	ppb	21PE001929	115	ND	ND	ND
Tebuconazole	ppb	21PE001929	111	ND	ND	ND
Tetraconazole	ppb	21PE001929	94.2	ND	ND	ND
Thiabendazole	ppb	21PE001929	95.4	ND	ND	ND
Thiacloprid	ppb	21PE001930	94.1	ND	ND	ND
Thiamethoxam	ppb	21PE001930	100	ND	ND	ND
Trifloxystrobin	ppb	21PE001929	104	ND	ND	ND
Uniconazole	ppb	21PE001929	108	ND	ND	ND
Voriconazole	ppb	21PE001929	115	ND	ND	ND

Comments:

Definitions:

ppb - parts per billion

Detection Limit - Lowest concentration that can be quantitatively reported with confidence

ND - Not Detected above the limit of quantification

Duplicate - Concentration found in repeat sample analysis

Spike Recovery - Recovery based on a known amount of active ingredient spiked into a similar-matrix, blank sample

Matrix Blank - A similar-matrix, blank sample is evaluated

Process Blank - A sample without any matrix (soil, vegetation etc) is processed through the sample analysis procedure

Instrument Blank - Injection solvent is run to demonstrate no carryover between injections on the instrument

Reviewed and approved by Regina Wixon, Ph.D.

Submitted by the customer:



20210317-002
21PE001929-001931

Pesticide Residue Sample Submission Form

South Dakota Agricultural Laboratories
1335 Western Avenue
Brookings, SD. 57006
(605) 692-7325

20210317-002
21PE001929-1931

Wet-Cake #1 1929
Wet-Cake #2 1930
Wet-Cake #3 1931

Name: Jim Borovich *Sample ID: _____
Address: 245 Fallbrook Blvd. City: Lincoln State: NE
Zip: 68521 Phone: (402) 471-2223 **Email: jim.borovich@nebraska.gov

*Sample ID must be marked clearly on the sample you submit. **Results will be emailed to the provided email address.

Billing Information: ☐ Check box if billing is the same as the customer information

Name: Nebraska Dept. of Environment and Energy Address: 245 Fallbrook Ave.
City: Lincoln State: NE Zip: 68521
Phone: (402) 471-2223 Email: NDEF.accounting@nebraska.gov

Individual tests are \$162 each, unless otherwise marked. Scans are \$212 and include all of the compounds in a particular category. Acceptable samples include Vegetation, Water or Soil. Call to confirm other substrates.

Thank you for choosing South Dakota Agricultural Labs! We do add analytes to our testing regiment throughout the year. If a chemical of interest is not listed, please call us:

(605) 692-7325.

How much sample should you send?

Please send 30g of vegetation or 100g of soil to run an individual test. What does this look like? For vegetation, it would be about a quart sized bag packed full. If more than one test is required, please fill a gallon sized bag. For soil samples, please send 2 cups, if more than one test is required send 4 cups.

Analyses offered

Please turn page over to view the current pesticide analyses.

If you are interested in a screen of active ingredients, please check the box next to the **bold-faced** heading. This will include all active ingredients within the PGR screen for \$212.

Example: PGR Screen ☒

If you are interested in single analyses, please circle the active ingredients. The cost of each individual analyte is \$162 unless otherwise marked.

Example: Mesotrione

Sample(s) Received at SD Ag Labs
Date 2021-03-17
Received by
Alyssa Kennedy

South Dakota
Agricultural
Laboratories

Chain of Custody

PH 605-692-7325 Fax 605-692-7326 www.sdaglabs.com

Turn-around-times

Special charges apply for RUSH samples. Please contact the laboratory before sending.

Commercial Carrier		
Date/Time Relinquished to Carrier		
Number of Ice Chest(s) Shipped		

Relinquished By	Date & Time	Received By	Date & Time
Jim Boravik	3/11/21 1630	Dave Bubh	3/11/21 1630
Dave Schumacher	3/15/21 1430	Alummedy	2021.03.17 0940