



RDX-N

GENERAL INFORMATION

GUARANTEED ANALYSIS BY %

NET WEIGHT

NET VOLUME

REDDY

RDX-N™

0-0-3

GUARANTEED ANALYSIS

Potassium (K)	3.0%
Calcium (Ca)	0.15%

Derived from potassium hydroxide and calcium chloride

ALSO CONTAINS NON-PLANT FOOD INGREDIENT(S)

GUARANTEED ANALYSIS – SOIL AMENDING INGREDIENT(S)

1.00%	Humic Acid
2.00%	Fulvic Acid
97.00%	Inert Ingredients (as a non-plant food ingredient)

GENERAL INFORMATION

RDX-N™ is unique technology that provides unrivaled nitrogen optimization. It is a stable botanical extract bio-stimulant, combined with organic carbon compounds. It is compatible with all existing soil-applied liquid nitrogen applications.

RDX-N™ with 50 percent of synthetic nitrogen inputs-maintained crop yield when compared to the grower standard of a full applied nitrogen program. Multiple studies have shown use of RDX-N™ can also increase crop quality and yield.

PRODUCT USAGE

Nitrogen Optimization Apply 1 pint/acre combined with 25 lbs. (units) liquid nitrogen per acre

Yield & Quality Apply 1-2 quarts/acre



REDOX BIO-NUTRIENTS



POWERED BY **RAM** TECHNOLOGY

What is RDX-N?

- ✓ Plant-active botanical extracts that naturally help your crop use nitrogen more efficiently.
- ✓ Works with plants' natural signaling processes to adapt to stress.
- ✓ Supports consistent, season-long nitrogen metabolism.
- ✓ Improves logistics with fewer trips to the field and fewer tank refills.
- ✓ Allows application of less synthetic nitrogen without giving up performance, helping you save money without changing your program.
- ✓ Shelf stable & easy to use, fitting into your current fertility plan.



REDOX BIO-NUTRIENTS



RDX-N

Redox
BIO-NUTRIENTS

GENERAL INFORMATION

RDX-N® (0-0-3) is designed to combine with liquid nitrogen applications providing nitrogen optimization.

APPLICATION GUIDELINES

- Will blend with all liquid nitrogen sources.
- Proper application rates and frequency should be determined by specific conditions and plant requirements.
- Agitation while blending is recommended for a homogenized solution.
- When tank mixing with other chemicals, it is the responsibility of the end user to ensure compatibility and safety.
- Always consult your agronomist with questions on application guidelines, rates, and frequency.
- pH specifications 4.5 - 5.5.

SOIL APPLIED	
Product Usage	Rate
Nitrogen Optimization	Apply 1 pint of RDX-N® for every 25 lbs. (units) of nitrogen per acre.
Yield & Quality	Apply 8 - 64 oz/acre

STORAGE AND DISPOSAL

Redox Bio-Nutrients products should be stored in a cool dry place, out of direct sunlight. To maintain product quality, storage liquid products on lower shelves and dry products on higher shelves. Do not stack palletized products. Open containers must be resealed for storage. Strictly adhering to Redox Bio-Nutrients storage guidelines will ensure efficacy and performance for the life of the product. If you have a question about the storage, disposal, or shelf life of your Redox Bio-Nutrients product, contact your local Redox Bio-Nutrients representative or call 1-800-678-2610.

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BIO-NUTRIENTS
MANUFACTURED, DISTRIBUTED
AND GUARANTEED BY:
Redox Bio-Nutrients, LLC
105 E. 12th St., Suite 1010
308-678-2610 | www.redoxgrows.com

GUARANTEED ANALYSIS (0-0-3)

Soluble Phosphorus (K₂O) 3%
Calcium (Ca) 0.15%
(Derived from premium high-purity, calcium hydroxide)

ALSO CONTAINS HIGH-PLANT FOOD INGREDIENTS:
GUARANTEED ANALYSIS - SOIL AMENDING INGREDIENTS:
1% Humic Acid from Leonardite
2% Fulvic Acid from Leonardite
97% Total Other Ingredients

Shake or agitate well before use. Keep out of reach of children.

In Mississippi this product is a low analysis fertilizer.

SCAN QR CODE
FOR PRODUCT
INFORMATION

Net Contents and Net Weight
31 Gall (118.2 Lit) 31 Gall (118.2 Lit)
25 Gall (94.6 Lit) 25 Gall (94.6 Lit)
10 Gall (37.9 Lit) 10 Gall (37.9 Lit)

LIMITED WARRANTY AND DISCLAIMER

Redox Bio-Nutrients, LLC ("Redox") warrants that the product conforms to the chemical description on the label and that the product is intended for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions. Tests have not been conducted on all varieties of food crops and plants, or all states, or under all conditions.

Limitations of Remedies: Redox's exclusive remedy and Redox's obligation under this limited warranty may vary and all claims, losses, damages or injuries resulting from the use or handling of this product, whether based on contract, negligence, strict liability or otherwise, shall be limited to Redox's obligation to a replacement or refund for the purchase price of the product used.

In no case shall Redox be liable for any special, incidental, or consequential damages, including lost profits, loss of profits, loss of savings or revenue, loss of any equipment, fixtures or property, depreciation, the value of lost parties including customers, and injury to property, or other consequential damages. This limited warranty is understood to be the complete and exclusive agreement between the parties regarding all other agreements, oral or written, and all other communications between the parties relating to the subject matter of this agreement. The application of Redox to any other party is not authorized to make any warranty in addition to those made in this agreement. The limited warranty may be voided early by agreement in writing signed by both parties.

Disclaimer of Warranties: The above limited warranty is in lieu of all other warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, which extends beyond the warranty specified above, and we warrant that this warranty is designed to cover incidental or consequential damages of any kind.

Use and Choice of Law: Any claims arising from or related to this limited warranty shall be resolved in the State of Ohio and shall be governed by Ohio law.

The product manufactured by Redox Bio-Nutrients, LLC may vary slightly through normal distribution. To ensure proper mixing and application, consult with your local Redox Bio-Nutrients, LLC distributor.

Information regarding the contents and net weight of contents in this product is available on the Internet at <http://www.applyitright.com>

POWERED BY RAM TECHNOLOGY

Rates & Timing:

✓ Suggested Rate Nitrogen Use Efficiency (NUE) per application with existing liquid nitrogen program

16oz/acre (1 pint)

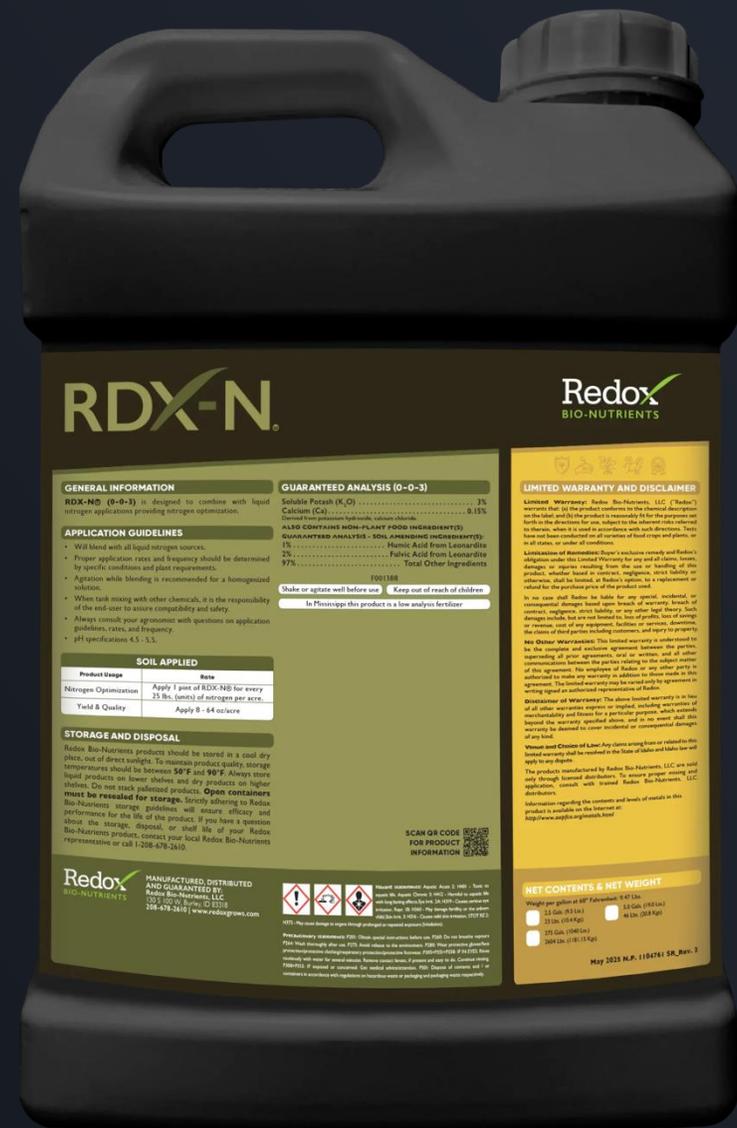
– NUE > .90 or less

32oz/acre (1 quart)

– NUE < 1.1 or more

✓ If Applying w/out Nitrogen

Apply 16oz – 32oz/acre and dilute RDX-N in at least **5-gallon solution per acre**



RDX-N

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BIO-NUTRIENTS

GENERAL INFORMATION

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APPLICATION GUIDELINES

- Will blend with all liquid nitrogen sources.
- Proper application rates and frequency should be determined by specific conditions and plant requirements.
- Agitation while blending is recommended for a homogenized solution.
- When tank mixing with other chemicals, it is the responsibility of the end user to ensure compatibility and safety.
- Always consult your agronomist with questions on application guidelines, rates, and frequency.
- pH specifications 4.5 - 5.5.

SOIL APPLIED	
Product Usage	Rate
Nitrogen Optimization	Apply 1 pint of RDX-N® for every 25 lbs. (units) of nitrogen per acre.
Yield & Quality	Apply 8 - 64 oz/acre

STORAGE AND DISPOSAL

Redox Bio-Nutrients products should be stored in a cool dry place, out of direct sunlight. To maintain product quality, storage liquid products on lower shelves and dry products on higher shelves. Do not stack palletized products. Open containers must be resealed for storage. Strictly adhering to Redox Bio-Nutrients storage guidelines will ensure efficacy and performance for the life of the product. If you have a question about the storage, disposal, or shelf life of your Redox Bio-Nutrients product, contact your local Redox Bio-Nutrients representative or call 1-800-478-2410.

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Redox Bio-Nutrients, LLC
155 E. 200 W., Suite 100, Lehi, UT 84042
308-972-2410 | www.redoxgro.com

GUARANTEED ANALYSIS (0-0-3)

Soluble Phosphorus (K₂O) 3%
Calcium (Ca) 8.15%
Guaranteed Analysis - SOIL AMENDING INGREDIENTS:
1% Humic Acid from Leonardite
2% Fulvic Acid from Leonardite
97% Total Other Ingredients

PRELIFE

Shake or agitate well before use. Keep out of reach of children.

In Mississippi this product is a low analysis fertilizer.

LIMITED WARRANTY AND DISCLAIMER

Limited Warranty: Redox Bio-Nutrients, LLC ("Redox") warrants that the product conforms to the chemical description on the label and that the product is intended for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions. Tests have not been conducted on all varieties of food crops and plants, or on all soils, or under all conditions.

Limitations of Remedies: Redox's exclusive remedy and Redox's obligation under this limited warranty is limited to the replacement of the product, when it is found to be defective, or to a refund of the purchase price of the product.

Limitations of Remedies: Redox is not liable for any special, incidental, or consequential damages, including loss of profits, loss of crops, loss of income, loss of time, loss of opportunity, or any other damages, whether or not such damages are foreseeable, or for any other damages, whether or not such damages are foreseeable, or for any other damages, whether or not such damages are foreseeable, or for any other damages, whether or not such damages are foreseeable.

Disclaimer of Warranty: The above limited warranty is in lieu of all other warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, which extends beyond the warranty specified herein, and no warranty shall be deemed to have been made or assumed by Redox.

Waiver and Choice of Law: Any claims arising from or related to this limited warranty shall be resolved in the State of Utah and shall be governed by the laws of that state.

The product manufactured by Redox Bio-Nutrients, LLC may only be used through licensed distributors. To ensure proper mixing and application, consult with your local Redox Bio-Nutrients, LLC distributor.

Information regarding the contents and methods of use of this product is available on the Internet at <http://www.redoxgro.com/rdxn.html>

SCAN QR CODE
FOR PRODUCT
INFORMATION

Net Contents & Net Weight

Weight per gallon at 80° Fahrenheit (4°C)	
16 Gal (60.3 L)	34 Gal (128.0 L)
32 Gal (120.6 L)	64 Gal (256.0 L)
128 Gal (482.4 L)	

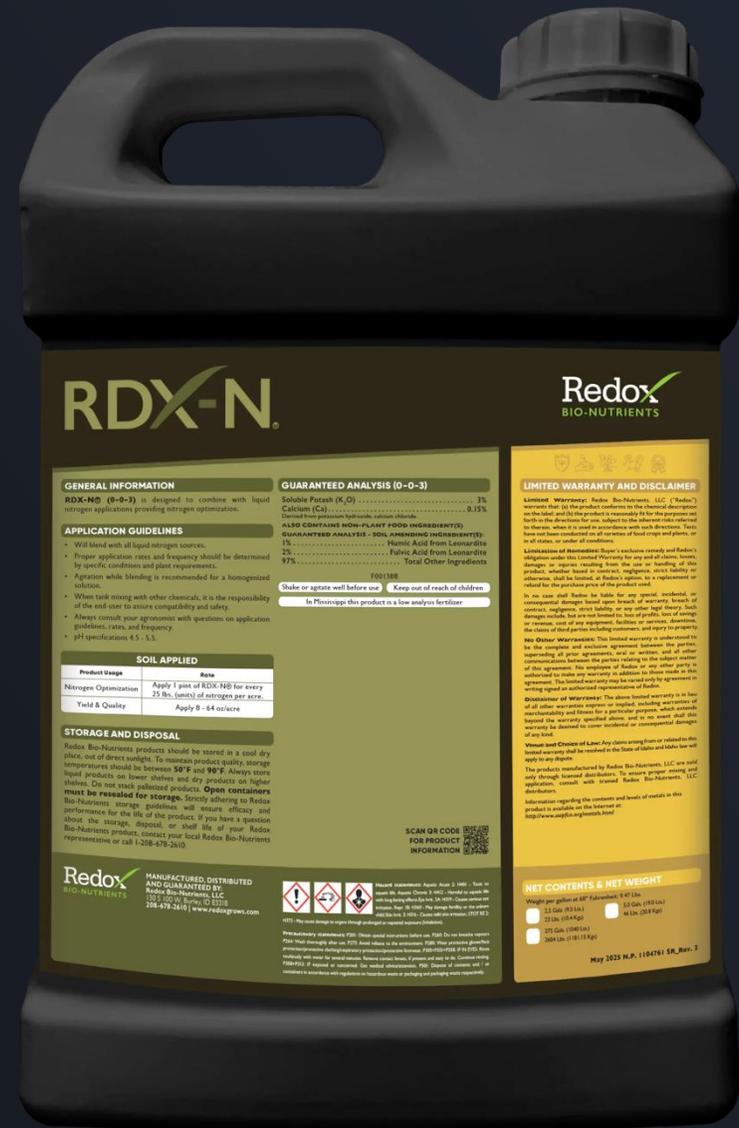
May 2023 Rev. 118474 SR_Rev. 3



REDOX BIO-NUTRIENTS



2025 Results



REDOX BIO-NUTRIENTS



RD_X-N

Redox
BIO-NUTRIENTS

GENERAL INFORMATION

RD_X-N₀ (0-0-3) is designed to combine with liquid nitrogen applications providing nitrogen optimization.

- Use in-line with all liquid nitrogen sources.
- Proper application rates and frequency should be determined by specific conditions and plant requirements.
- Agitation while blending is recommended for a homogenized solution.
- When tank mixing with other chemicals, it is the responsibility of the end user to ensure compatibility and safety.
- Always consult your agronomist with questions on application guidelines, rates, and frequency.
- pH specifications 4.5 - 5.5.

SOIL APPLIED

Product Usage	Rate
Nitrogen Optimization	Apply 1 quart of RD _X -N ₀ for every 25 lbs. (units) of nitrogen per acre.
Yield & Quality	Apply 8 - 64 oz/acre

STORAGE AND DISPOSAL

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GUARANTEED ANALYSIS (0-0-3)

Soluble Phosph (K₂O) 3%
Calcium (Ca) 0.15%

ALSO CONTAINS HIGH-PLANT FOOD INGREDIENTS

GUARANTEED ANALYSIS - SOIL AMENDING INGREDIENTS:
1% Humic Acid from Leonardite
2% Fulvic Acid from Leonardite
97% Total Other Ingredients

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Limitations of Remedies: Redox's exclusive remedy and Redox's obligation under this limited warranty shall be limited to the repair, replacement, or refund of the product, or the replacement of the product, or the refund of the purchase price of the product.

In no case shall Redox be liable for any special, incidental, or consequential damages, including but not limited to loss of profits, loss of savings or income, loss of any equipment, fixtures or property, depreciation, or the value of lost property including customer, and apply to property not owned by Redox.

This limited warranty is understood to be the complete and exclusive agreement between the parties regarding all prior agreements, oral or written, and all other communications between the parties relating to the subject matter of this agreement. The employee of Redox or any other party is not authorized to make any warranty in addition to those made in this agreement. The limited warranty may be varied only by agreement in writing signed by authorized representatives of Redox.

Disclaimer of Warranty: The above limited warranty is in lieu of all other warranties express or implied, including warranties of merchantability and fitness for a particular purpose, which extends beyond the warranty specified above, and no warranty shall be deemed to be made in connection with the sale of the product.

Visual and Chemical Loss: Any claims arising from or related to this limited warranty shall be resolved by the State of Mississippi and will apply to any dispute.

The product manufactured by Redox Bio-Nutrients, LLC was sold only through licensed distributors. To ensure proper mixing and application, consult with your local Redox Bio-Nutrients, LLC distributor.

Information regarding the contents and methods of use of this product is available on the Internet at <http://www.appliedagrochemical.com>

Redox
BIO-NUTRIENTS

SCAN QR CODE
FOR PRODUCT
INFORMATION



MANUFACTURED, DISTRIBUTED AND GUARANTEED BY:
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308-978-2610 | www.redoxgro.com

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308-978-2610 | www.redoxgro.com

NET CONTENTS & NET WEIGHT

Weight per gallon at 80° Fahrenheit: 8.4 lbs.
 11 Gal. (11.0 Kg) 31 Gal. (110.0 Kg)
 25 Gal. (110.0 Kg) 50 Gal. (200.0 Kg)
 250 Gal. (1100.0 Kg)

May 2023 Rev. 1184761 SR_Rev. 3

POWERED BY **RAM** TECHNOLOGY



RDX-N – Grower Standard

237.33 bu/ac

Check/control bushels per acre (avg)

245.39 bu/ac

RDX-N applied bushels per acre (avg)

0.9 NUE

NUE grower standard practice (avg)

8.06 bu/ac

Total average yield lift response

210 lbs.

Total amount of nitrogen applied (avg)

\$20.47/ac

ROI per acre (avg)

RDX-N – Reduction Trials

240.85 bu/ac

Check/control bushels per acre (avg)

245.63 bu/ac

RDX-N applied bushels per acre (avg)

0.61 NUE

NUE RDX-N applied (avg)

38 lbs. average

Average reduction of nitrogen

0.77

NUE grower standard practice (avg)

4.77 bu/ac

Total average yield lift response

179 lbs.

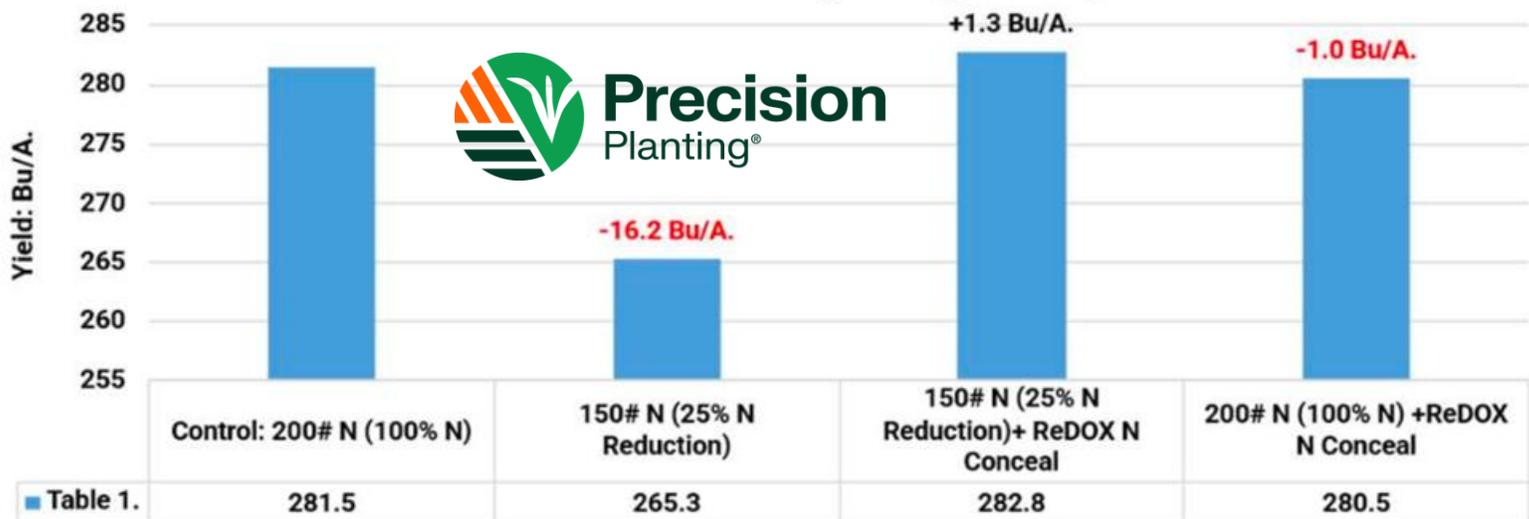
Total amount of nitrogen applied (avg)

\$34.49/ac

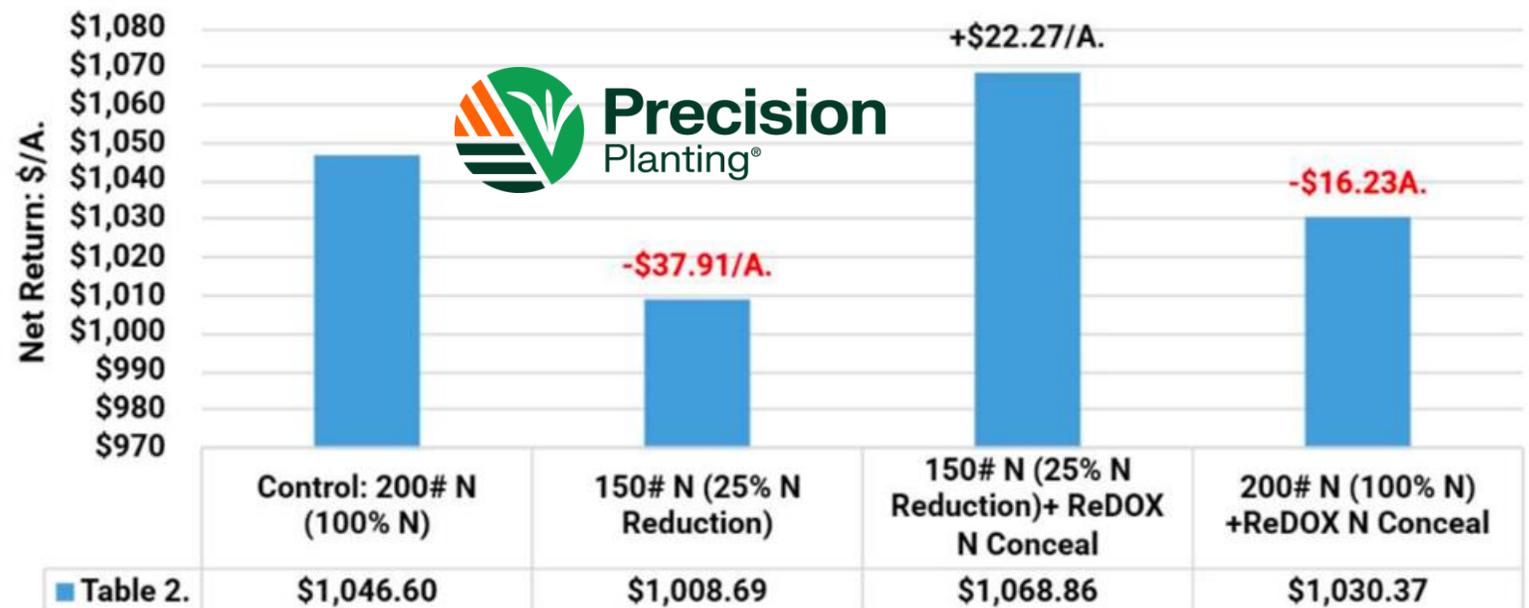
ROI per acre (avg)



2025 RDX-N CAB Nitrogen Mgt. Study: Yield



2025 RDX-N CAB Nitrogen Mgt. Study: Economics



ALEX HARRELL

Americus, Ga.

**World Champion
Grower:**

SOYBEAN: 218 bu/acre

CORN: 416 bu/acre



TotalAcre®





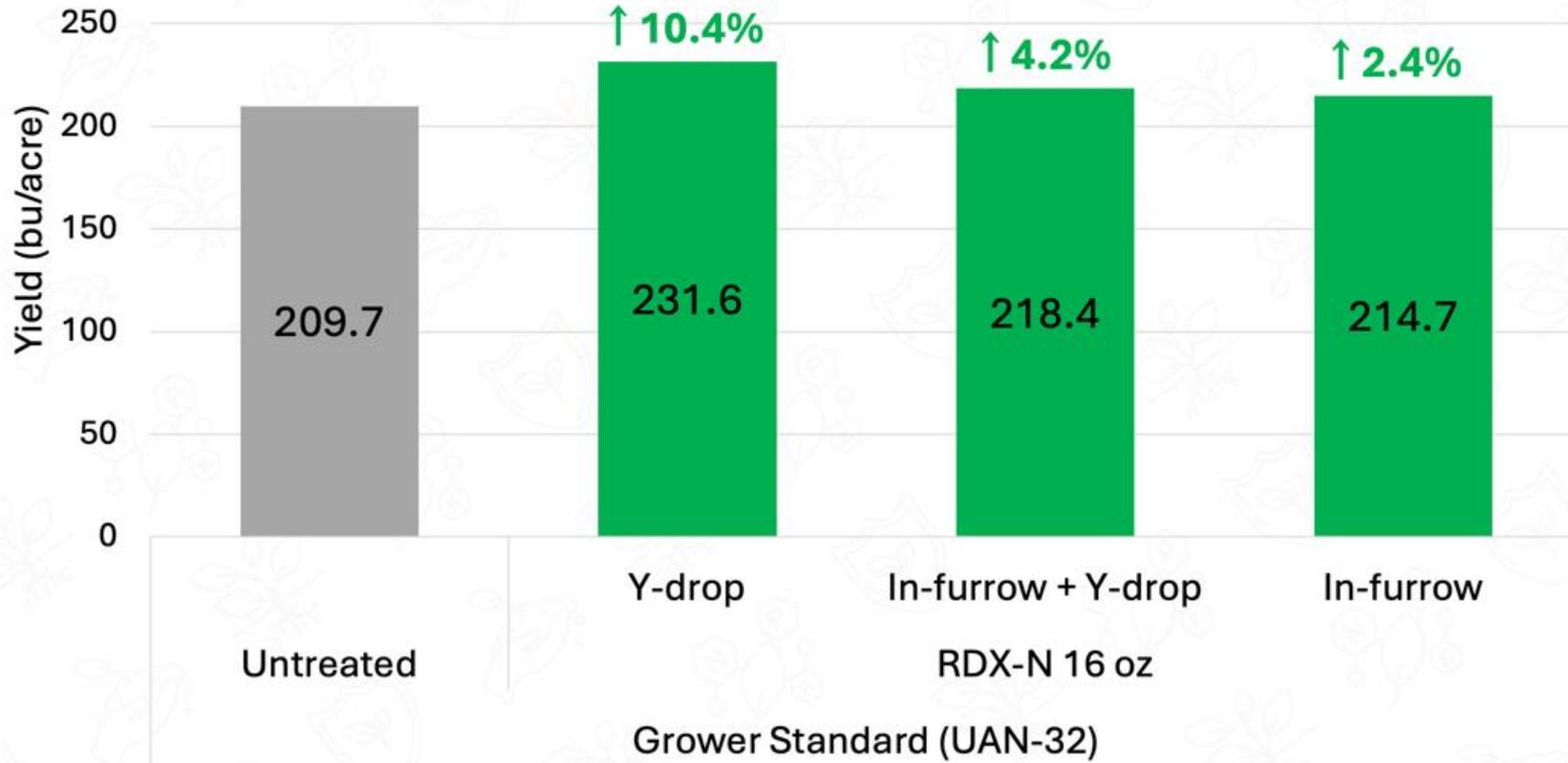
RDX-N on Corn in Georgia – Yield

Alex Harrell
Smithville, GA

Watch the video

Corn Yield

TRIAL 25-N64



The Y-Drop RDX-N application added 21.9 bu/ac (10.4%), followed by in-furrow + Y-Drop (8.7 bu/ac) and in-furrow alone (5.1 bu/ac).

Grower: Brand Farms
Location: Glasgow, MO

Trial: RDX-N

Application: 8 oz In-Furrow, 16 oz Y-Drop

NUE: .87

Replacement of 9.38 gal/ac ATS

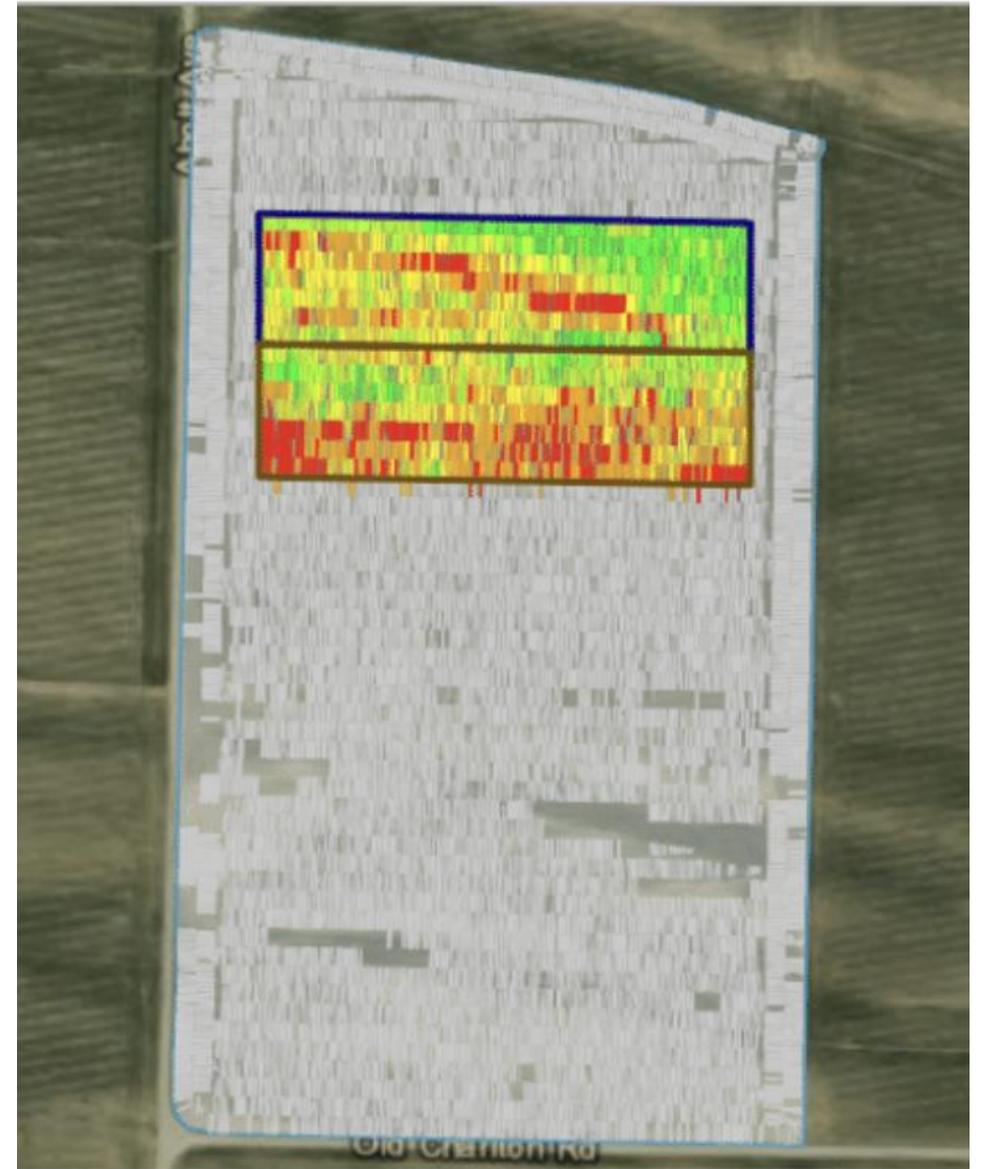
This data was filtered based on -1 / +2.5 St Dev

Yield Summary BPA	
<i>Location</i>	<i>Yield</i>
RDX-N Trial	241.2
Control	227.56
Yield Response	13.64

Yield Values	
●	182.1 - 213.2
●	213.3 - 225.1
●	225.1 - 238.7
●	238.7 - 256.2
●	256.3 - 297.2



High Level Yield Heat Map



Grower: Spray Farms

Location: Clay Center, NE

Trial: RDX-N

Application: 8 oz In-Furrow, 32 oz Y-Drop

NUE: .68

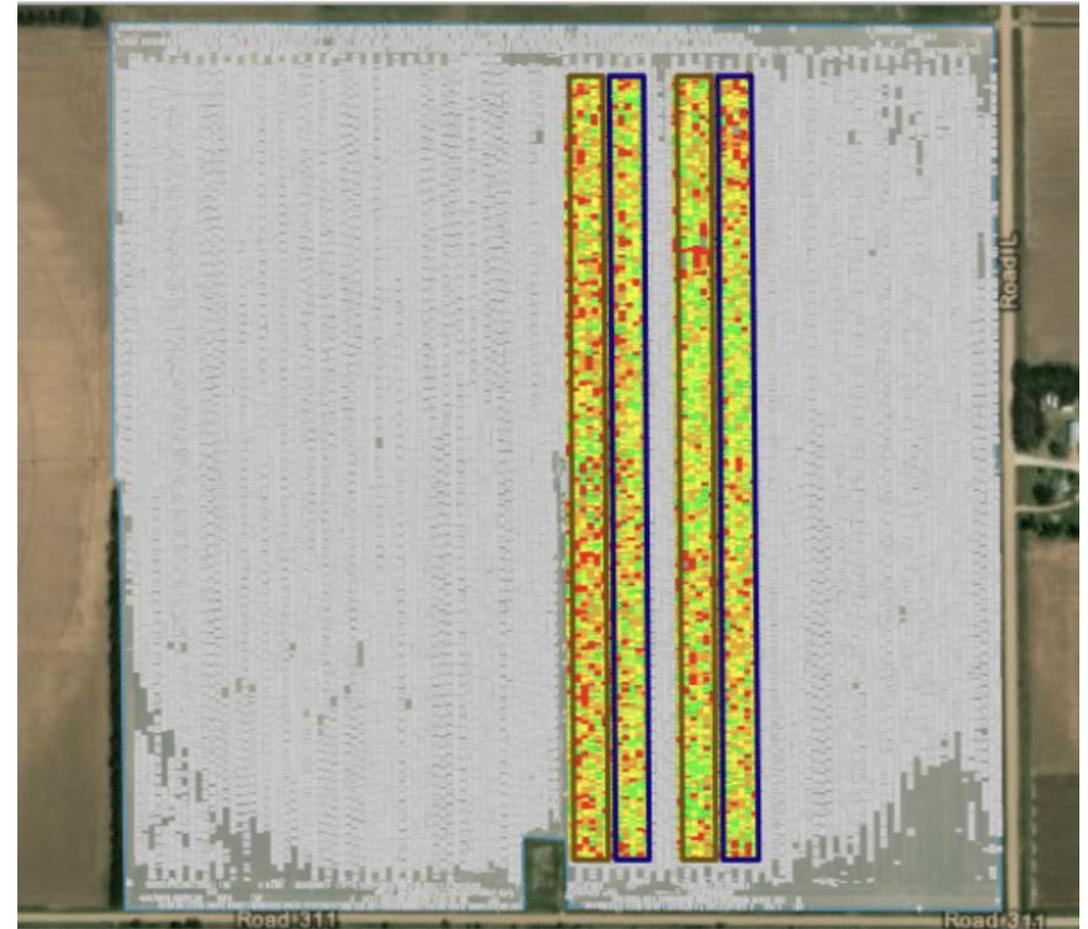
Replacement of 4.1 gal/ac 28-0-0-5

This data was filtered based on -1 / +2.5 St Dev

Yield Summary BPA	
<i>Location</i>	<i>Yield</i>
RDX-N Trial Zone	265.22
Control	264.03
Yield Response	1.19

Yield Values	
●	208.1 - 250.7
●	250.7 - 261.1
●	261.1 - 268.6
●	268.6 - 277.9
●	277.9 - 355.9

High Level Yield Heat Map



Grower: Larson Farms Inc

Location: Creston, NE

Trial: RDX-N

Application: 1.86 quarts at Y-Drop

NUE: .58

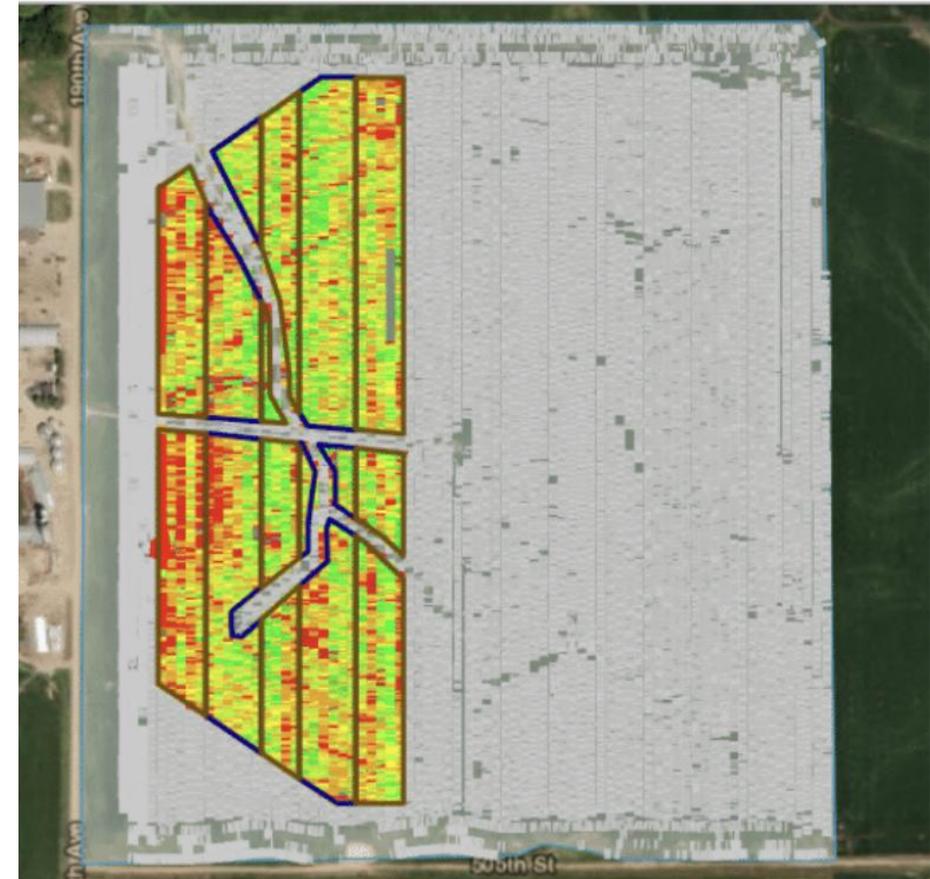
Replacement of 33 lbs. N (Nitro Mag S & Elemental N)

This data was filtered based on -1 / +2.5 St Dev

Yield Summary BPA	
<i>Location</i>	<i>Yield</i>
RDX-N Trial Zone	337.88
Control	333.64
Yield Response	4.24

Yield Values	
●	259.8 - 289.9
●	289.9 - 310.3
●	310.3 - 326.6
●	326.6 - 349
●	349 - 429.4

High Level Yield Heat Map

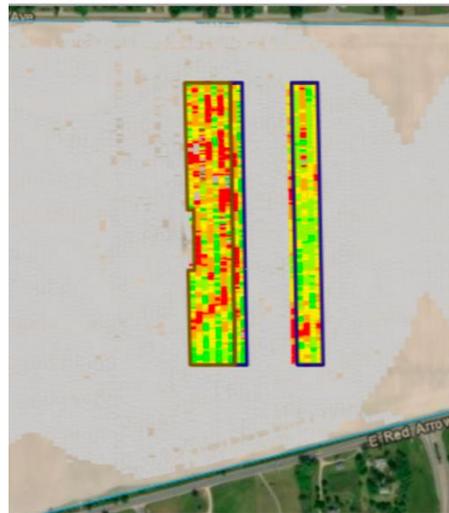


Grower: Drozd Family Grain
 Location: Allegan, MI

Trial1: RDX-N
 Application: 8 oz/acre in furrow
 NUE: .92
 Replacement: 10 gal 32%
 [50-gal UAN vs 60-gal UAN @ V8]

Yield Summary BPA	
Location	Yield
RDX-N Y Drop & IF Trial Zone	232.08
Control	229.71
Yield Response	2.37

High Level Yield Heat Map



Trial 2: RDX-N
 Application: 8 oz/acre in furrow
 NUE: .92
 No Replacement of N

Yield Summary BPA	
Location	Yield
RDX-N IF Trial Zone	243.62
Control	229.71
Yield Response	13.91

Treatment Zones



Grower: Smiley Brothers

Location: Greensburg, IN

Application Date: 6/13/25

Growth Stage: V3

Application Method: Streamer Nozzle

Product Application Rate/Acre: RDX-N @ 16 oz/ac

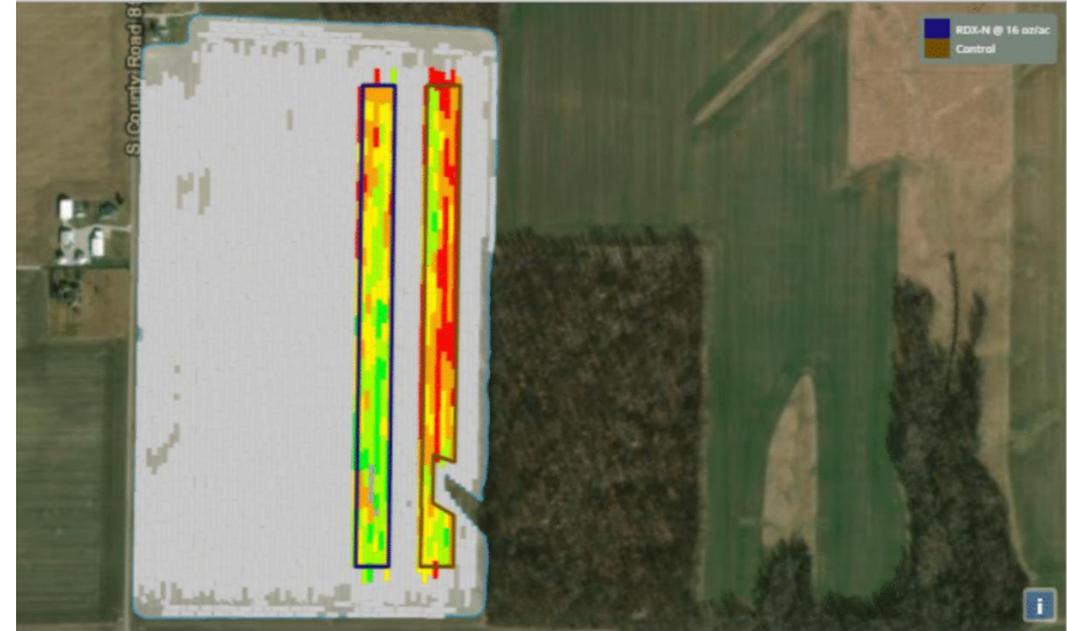
Tank Mix Rate/Acre: 12.5 Gallons

A flat rate of 100 lbs. of NH₃ was applied at side dress on both the RDX-N trial area and the control.

NH₃ was applied one day ahead of the RDX-N application (NH₃ applied 6/12/25).

RDX-N was applied with water directly over the row middles where NH₃ was side dressed. This was accomplished via 3-orifice streamer nozzles and turning the spray pressure down to consolidate the 3 streams into one stream on top of the NH₃ application.

High Level Yield Heat Map



Yield Summary BPA	
Location	Yield
RDX-N @ 16 oz/ac	281.89
Control	262.32
Yield Response	19.57



Grower: Hamann Feedlots

Location: Correctionville, IA

Application Date: 4/16/2025

Growth Stage: Preplant

Application Method: Sprayer Broadcast

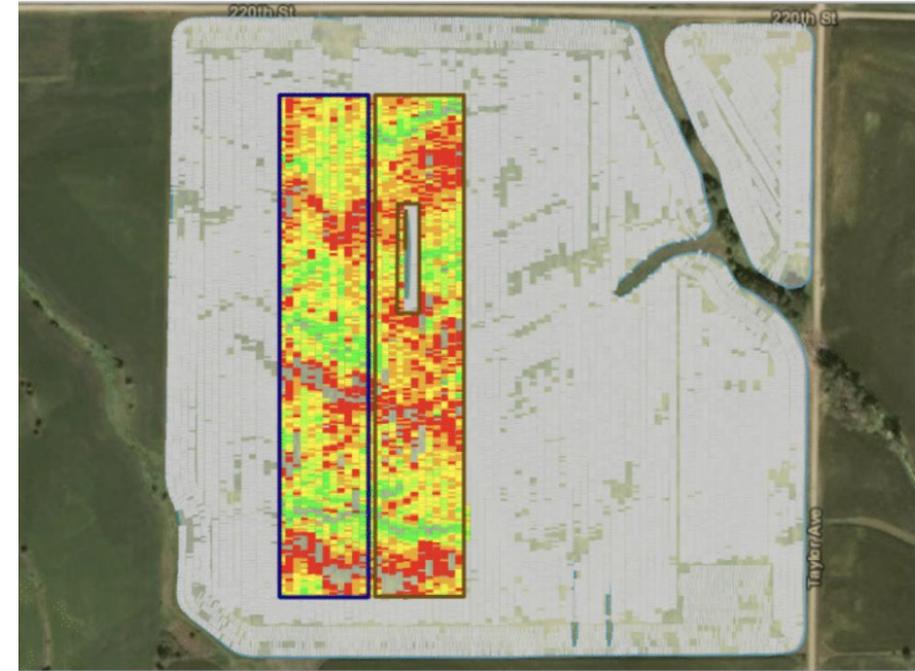
Product Application Rate/Acre: RDX-N = 16 oz.

Tank Mix Rate/Acre: Applied with 75# N at preplant timing

Additional Details: No reduction of N on the Control.

3500 gallons of liquid cattle manure was knifed in on 11/4/2024

High Level Yield Heat Map



Soil Type



Yield Summary BPA	
Location	Yield
RDX-N Preplant Trial Zone	258.84
Control	251.98
Yield Response	6.86

TotalAcre®

Grower: Murphy Family Farms

Location: Sandusky, OH

GSP NUE: .73 [142N] vs RDX-N NUE: .60 [117 N]

Application Date: *Split Application*

Growth Stage: 6/2/2025 at planting

Application Method & Rate: RDX-N = 8 oz 2x2

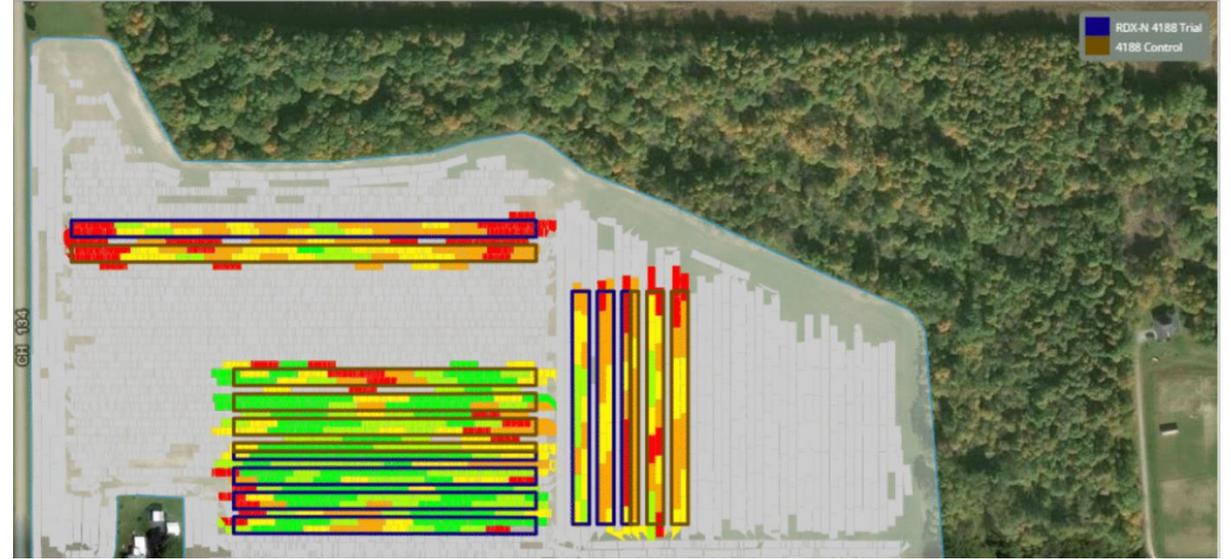
Growth Stage: V5

Application Method & Rate: RDX-N 16 oz at Sidedress

Additional Details: 25lb reduction of Sidedress on RDX-N



High Level Yield Heat Map



This data was filtered based on -1 / +2.5 St Dev

Yield Summary BPA	
Location	Yield
RDX-N 4188 Trial	203.94
4188 Control	202.15
Yield Response	1.79

Yield Values	
●	128.4 - 156.4
●	156.4 - 178.6
●	178.6 - 198.1
●	198.1 - 218.8
●	218.8 - 253.7



Nutrient Power Ranking (NPR)

Grower:
Severson Ag

Location:
Rockford, IL

Trial: RDX-N

Date	GDUs		Nitrogen	Phosphorus	Potassium	Magnesium	Calcium	Sulfur	Zinc	Manganese	Copper	Iron	Boron
05/27/2025	331	-	5.34%	0.46%	3.07%	0.4%	0.61%	0.31%	32.92 ppm	53.54 ppm ⓘ	9.29 ppm	169.78 ppm	14.96 ppm
06/02/2025	403	0.1 in	4.55%	0.41%	2.85%	0.41%	0.57%	0.31%	30.73 ppm	51.97 ppm ⓘ	10.2 ppm	138.4 ppm	14.32 ppm
06/09/2025	513	1.5 in	4.1%	0.27%	2.11%	0.6%	0.61%	0.26%	21.52 ppm	58.44 ppm	10.17 ppm	185.57 ppm	8.6 ppm ⓘ
06/16/2025	660	0 in	4.44%	0.34%	1.84% ⓘ	0.54%	0.68%	0.33%	25.36 ppm	74.84 ppm	13.68 ppm	285.56 ppm	13.63 ppm
06/23/2025	845	0.8 in	3.69%	0.32%	1.7% ⓘ	0.65%	0.49%	0.27%	19.06 ppm	51.45 ppm	13.86 ppm	116.3 ppm	9.91 ppm
06/30/2025	1034	1.4 in	3.58%	0.35%	1.78%	0.41%	0.29%	0.24%	21.74 ppm	36.78 ppm ⓘ	11.45 ppm	158.31 ppm	8.97 ppm
07/07/2025	1212	1.9 in	3.83%	0.3%	1.59%	0.28%	0.28%	0.18%	21.01 ppm	48.47 ppm	9.32 ppm	82.8 ppm	6.71 ppm ⓘ
07/14/2025	1374	3.8 in	3.66%	0.35%	2%	0.35%	0.36%	0.22%	23.56 ppm	43.29 ppm ⓘ	12.46 ppm	224 ppm	11.53 ppm
07/21/2025	1526	0.7 in	3.71%	0.39%	2.03%	0.37%	0.35%	0.23%	26.6 ppm	59.26 ppm	11.79 ppm	116.74 ppm	8.25 ppm ⓘ
07/28/2025	1719	0.2 in	3.47%	0.35%	1.57%	0.52%	0.58%	0.24%	37.23 ppm	88.67 ppm	17.65 ppm	115 ppm	7.55 ppm ⓘ
08/11/2025	2038	3 in	2.99%	0.31%	1.94%	0.37%	0.37%	0.22%	33.51 ppm	54.59 ppm	12.36 ppm	122.65 ppm	9.81 ppm ⓘ

High yield site

Date	GDUs		Nitrogen	Phosphorus	Potassium	Magnesium	Calcium	Sulfur	Zinc	Manganese	Copper	Iron	Boron
05/27/2025	331	-	5.18%	0.41%	3.25%	0.47%	0.63%	0.29%	36.63 ppm	51.7 ppm	7.86 ppm	154.59 ppm	12.43 ppm ⓘ
06/02/2025	403	0.1 in	4.56%	0.36%	2.81%	0.38%	0.51%	0.29%	31.98 ppm	60.49 ppm ⓘ	10.7 ppm	260.3 ppm	15.37 ppm
06/09/2025	513	1.5 in	4.15%	0.28%	2.9%	0.54%	0.62%	0.27%	22.42 ppm	62.05 ppm	9.51 ppm	158.69 ppm	8.9 ppm ⓘ
06/16/2025	660	0 in	4.44%	0.37%	3.25%	0.39%	0.54%	0.35%	26.18 ppm ⓘ	88.34 ppm	13.97 ppm	180.16 ppm	13 ppm
06/23/2025	845	0.8 in	3.72%	0.32%	2.12%	0.58%	0.49%	0.27%	18.85 ppm	53.74 ppm	14.32 ppm	246.71 ppm	9.74 ppm ⓘ
06/30/2025	1034	1.4 in	3.36%	0.31%	1.71%	0.36%	0.24%	0.22%	22.15 ppm	36.54 ppm ⓘ	10.4 ppm	108.62 ppm	8.75 ppm
07/07/2025	1212	1.9 in	3.79%	0.32%	1.67%	0.28%	0.24%	0.18%	31.45 ppm	40.61 ppm	8.5 ppm	114.61 ppm	5.95 ppm ⓘ
07/14/2025	1374	3.8 in	3.7%	0.39%	2.42%	0.44%	0.47%	0.28%	34.6 ppm	79.04 ppm	14.65 ppm	291 ppm	15.16 ppm
07/21/2025	1526	0.7 in	3.43%	0.36%	2.07%	0.34%	0.36%	0.23%	26.23 ppm	62.05 ppm	12.13 ppm	107.63 ppm	8.62 ppm ⓘ
07/28/2025	1719	0.2 in	3.3%	0.35%	1.73%	0.46%	0.49%	0.24%	36.35 ppm	102.19 ppm	14.22 ppm	109 ppm	7.69 ppm ⓘ
08/11/2025	2038	3 in	3.5%	0.29%	1.81%	0.39%	0.41%	0.23%	28.76 ppm	64.03 ppm	12.4 ppm	101.41 ppm	9.97 ppm ⓘ

Average yield site

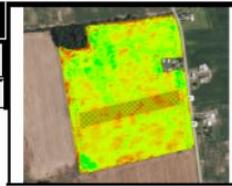
Date	GDUs		Nitrogen	Phosphorus	Potassium	Magnesium	Calcium	Sulfur	Zinc	Manganese	Copper	Iron	Boron
07/14/2025	1374	-	3.6%	0.41%	2.28%	0.36%	0.43%	0.29%	30.57 ppm	67.01 ppm	12.77 ppm	134.74 ppm	12.85 ppm
07/21/2025	1526	0.7 in	3.53%	0.37%	1.97%	0.29%	0.38%	0.23%	27.1 ppm	58.17 ppm	10.42 ppm	94.29 ppm	8.89 ppm ⓘ
07/28/2025	1719	0.2 in	3.56%	0.36%	1.69%	0.39%	0.54%	0.28%	38.74 ppm	159.31 ppm	12.32 ppm	102 ppm	10.06 ppm ⓘ
08/11/2025	2038	3 in	3.19%	0.31%	1.4%	0.5%	0.72%	0.26%	28.92 ppm	145.19 ppm	11.61 ppm	85.88 ppm ⓘ	12.06 ppm

RDX-N site

Redox RDX-N @ 16oz/ac, sidedress w/ 27-0-0-2



Query 1

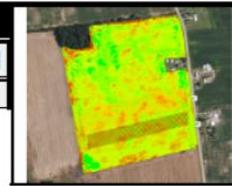


Layer 1 - Grain Harvest | 2025 | Home Field

Main Layer	
Total area	9.298 ac
Length	20,263 ft
Count	3732

Description	Average	Total	Minimum	Maximum
Yield (Dry)	186.86 bu/ac	1,737.5 bu	95.28 bu/ac	277.59 bu/ac
Moisture	18.69 %		15.12 %	22.28 %
Elevation	954.17 ft		948.67 ft	959.12 ft

Query 2

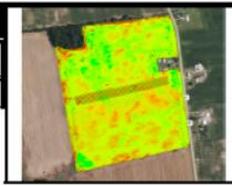


Layer 1 - Grain Harvest | 2025 | Home Field

Main Layer	
Total area	9.125 ac
Length	19,886 ft
Count	3456

Description	Average	Total	Minimum	Maximum
Yield (Dry)	175.76 bu/ac	1,603.9 bu	69.43 bu/ac	262.86 bu/ac
Moisture	17.97 %		0.00 %	23.02 %
Elevation	953.85 ft		950.61 ft	956.87 ft

Query 3



Layer 1 - Grain Harvest | 2025 | Home Field

Main Layer	
Total area	5.354 ac
Length	11,700 ft
Count	2221

Description	Average	Total	Minimum	Maximum
Yield (Dry)	184.69 bu/ac	988.88 bu	98.06 bu/ac	274.04 bu/ac
Moisture	18.39 %		15.34 %	23.43 %
Elevation	954.35 ft		950.54 ft	959.37 ft

yield in RDX-N application zone 186.86 bu/ac
 yield in grower standard-average 179.07

7.79 bu/ac



current corn \$ \$4.48 /bu \$34.89

RDX-N @ 16oz \$14.00 /ac \$20.89 /ac return

yield in grower standard-1 175.76 9.125 1603.90
 yield in grower standard-2 184.69 5.354 988.88
 180.225 14.479 2592.78

grower standard weighted average = 179.07 minimal variation in field conditions

NUE: 1.15

7.70 bu/ac+ with RDX-N

No replacement on N

\$22.89/ac + ROI



