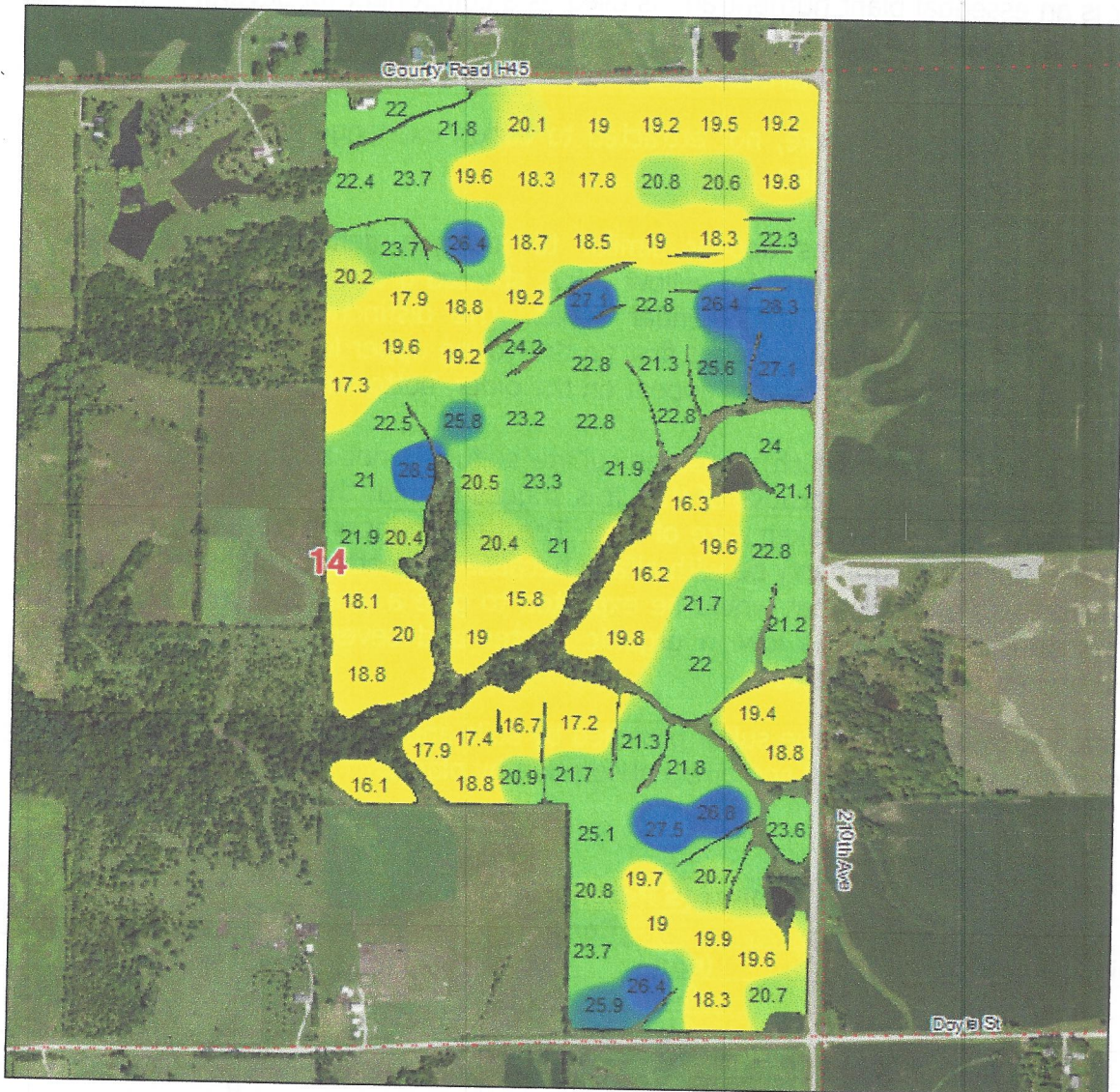
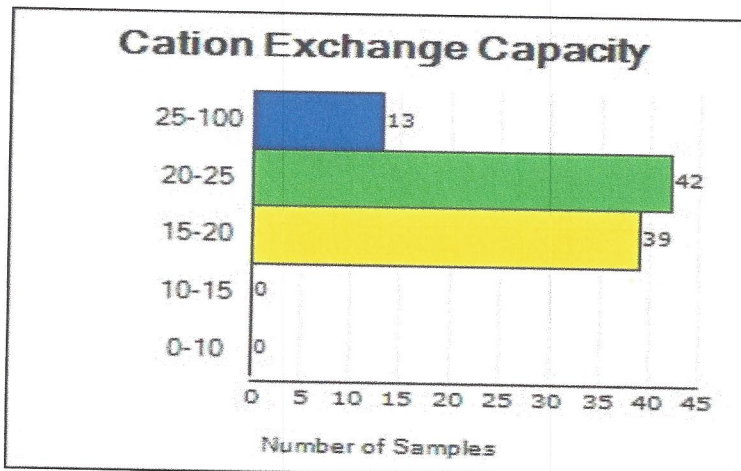
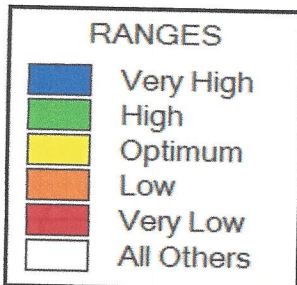


Cation Exchange Capacity



KNC14E

Sampled 2021



| Statistics | |
|------------|------|
| MIN. | 15.8 |
| AVG. | 21.1 |
| MAX. | 28.5 |

REPORT NUMBER

21-084-0003

ACCOUNT 30361

COMPLETED DATE

Mar 29, 2021

RECEIVED DATE

Mar 25, 2021



13611 B Street • Omaha, Nebraska 68144-3693 • (402) 334-7770

www.midwestlabs.com

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41022

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27543

MAPS DATA PROCESSING

UFC ACCOUNTS PAYABLE
LYNETTE VANDENEINDE

IDENTIFICATION

POPPE REVOCABLE TRUST JAMES

KNC14E

OSCEOLA FARM

CLARKE KNOX 14

65320

UFC GRID OSCEOLA

ADAM MCFARLAND

221 TOWNLINE RD

OSCEOLA IA 50213

Table with columns: Lab Number, Sample ID, OM %, Phosphorus (P1, P2, Bic, K, Mg, Ca, Na, pH, Buff index, CEC, Percent Base Saturation (K, Mg, Ca, Na, H), Nitrate (Surface lbs/A, depth), Total lbs/A, S, Zn, Mn, Fe, Cu, B, Excess Lime Rate, Excess Soluble Salts, NH3-N, Color, MP3. Rows 33-64.

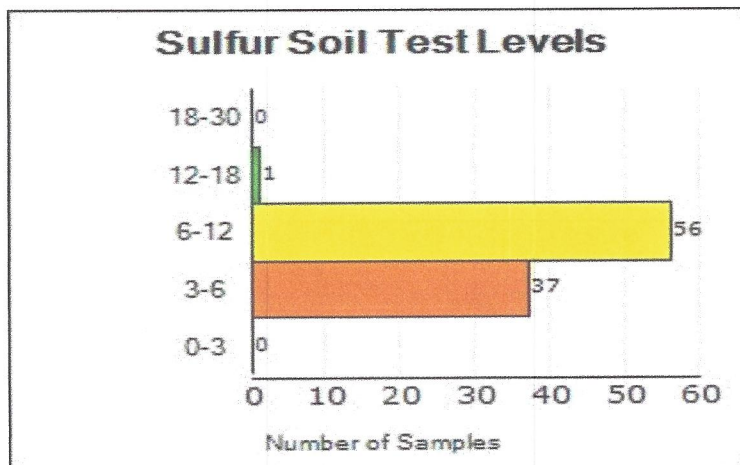
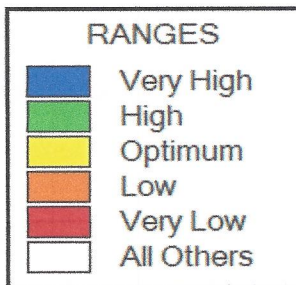
The above analytical results apply only to the sample(s) submitted. Samples are retained a maximum of 30 days. Our reports and letters are for the exclusive and confidential use of our clients and may not be reproduced in whole or in part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.

Sulfur Soil Test Levels



KNC14E

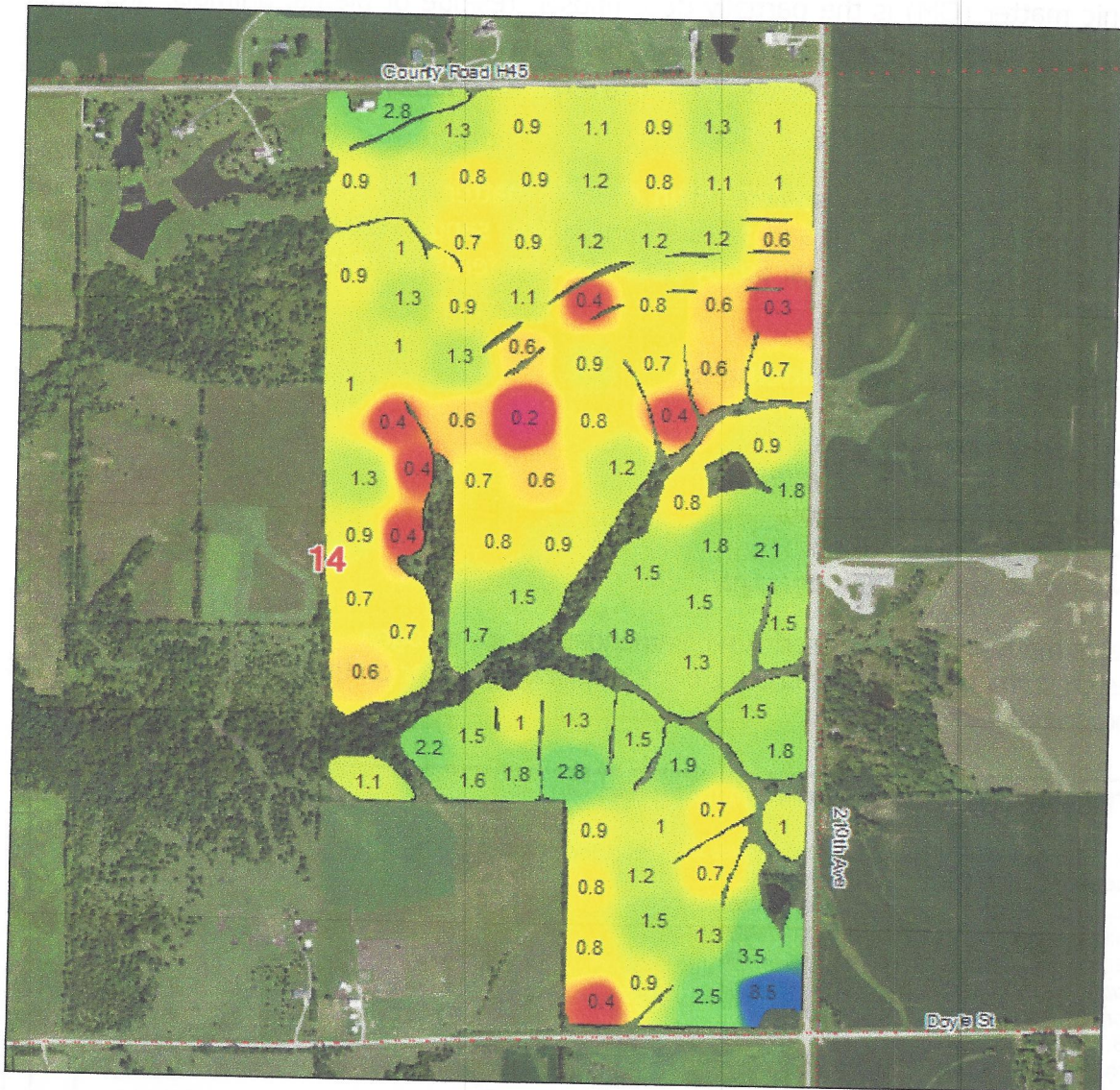
Sampled 2021



Statistics

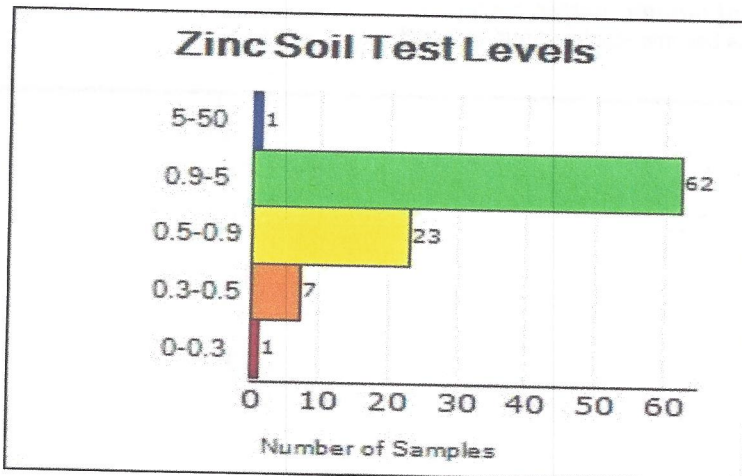
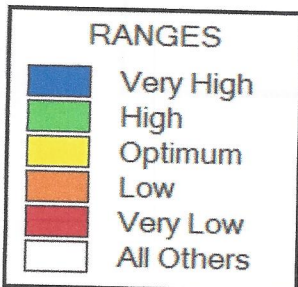
| | |
|------|------|
| MIN. | 4.0 |
| AVG. | 6.5 |
| MAX. | 13.0 |

Zinc Soil Test Levels



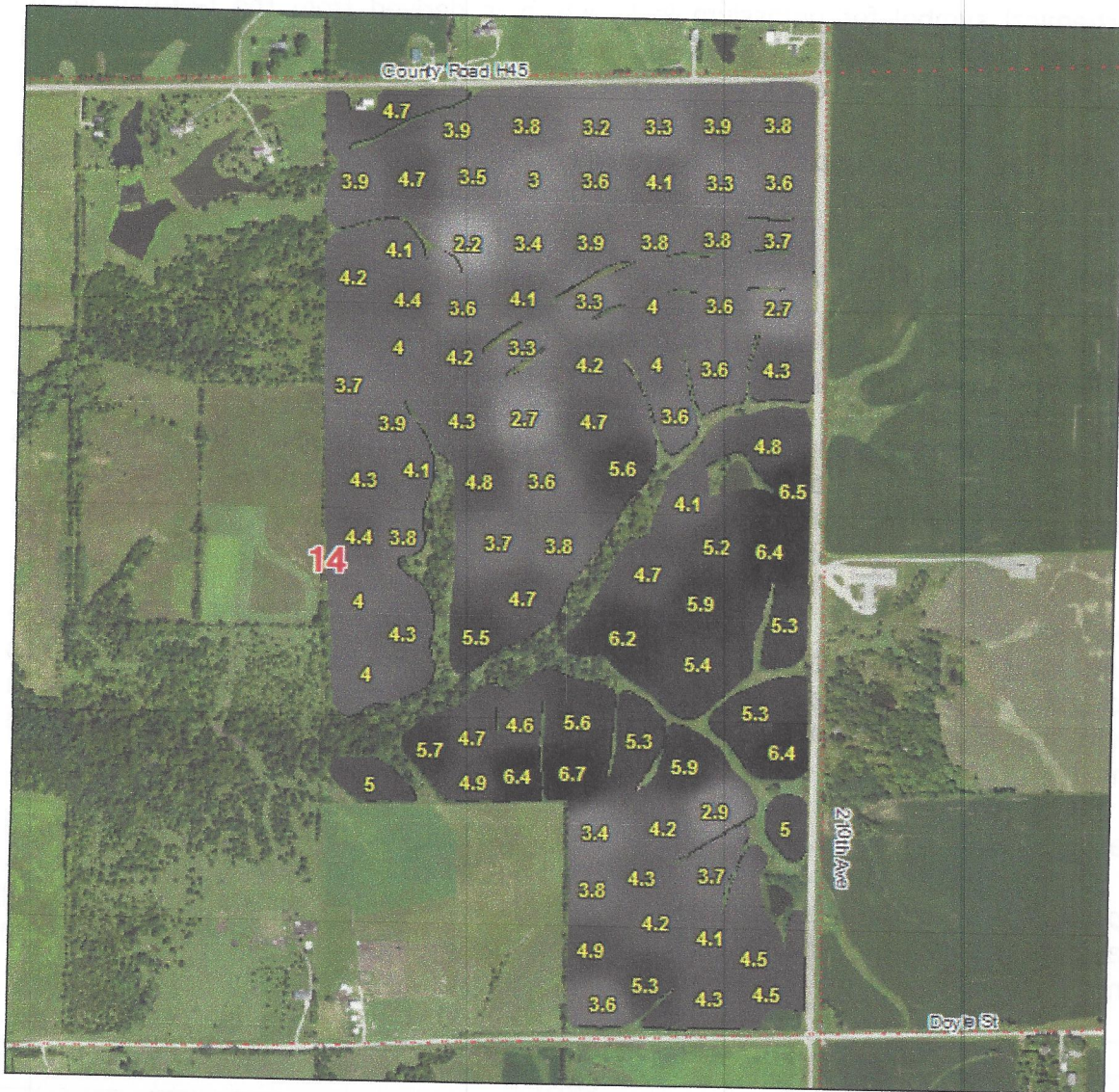
KNC14E

Sampled 2021



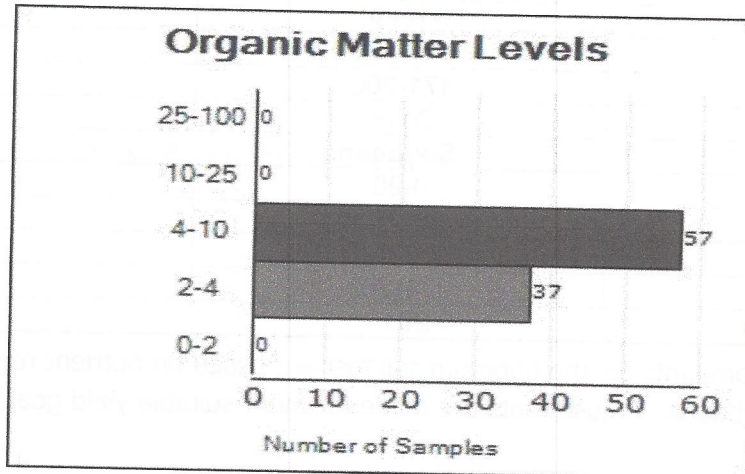
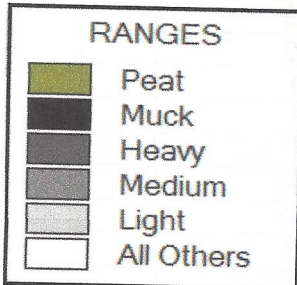
| Statistics | |
|------------|-----|
| MIN. | 0.2 |
| AVG. | 1.2 |
| MAX. | 8.5 |

Organic Matter Levels



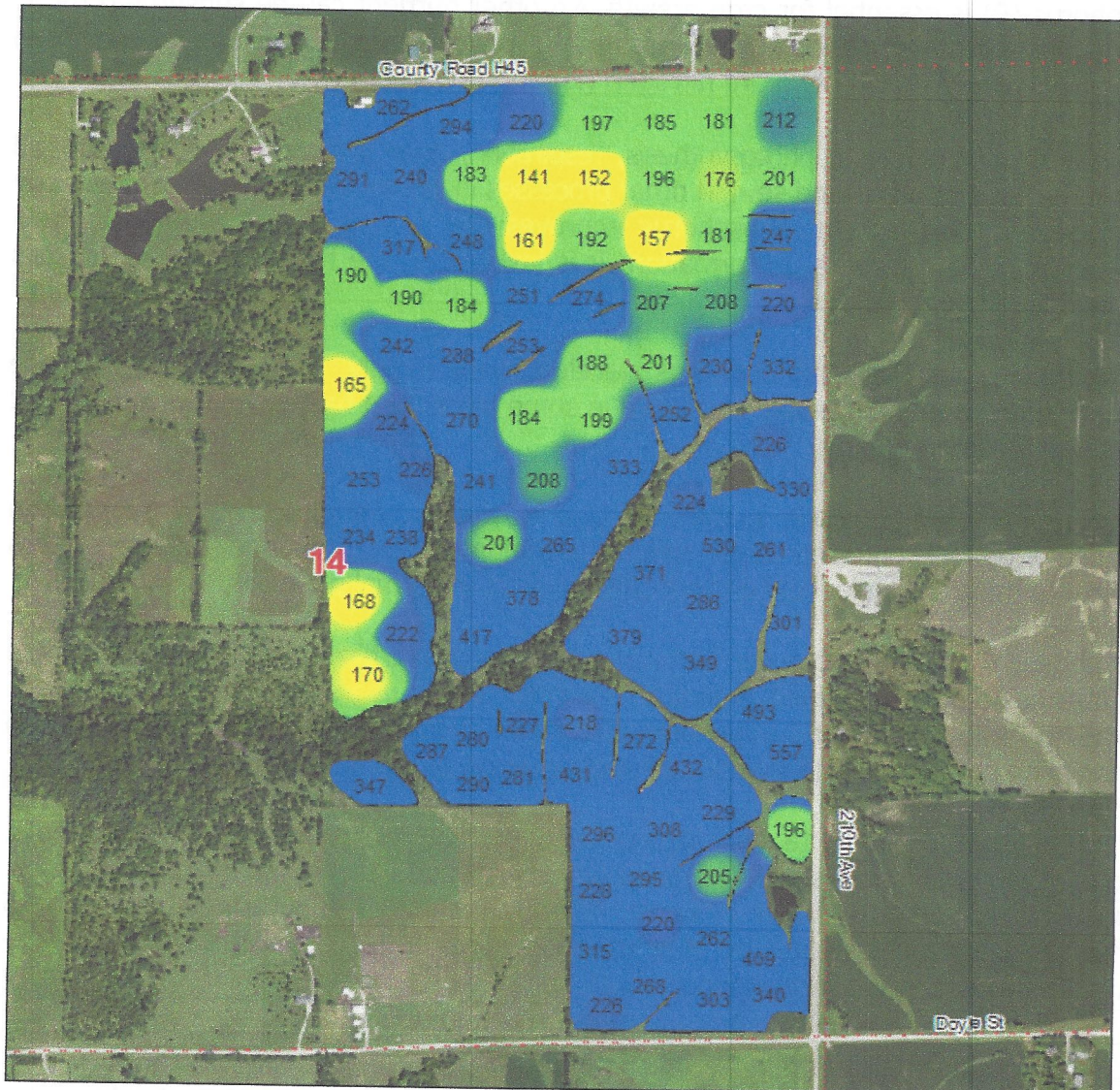
KNC14E

Sampled 2021



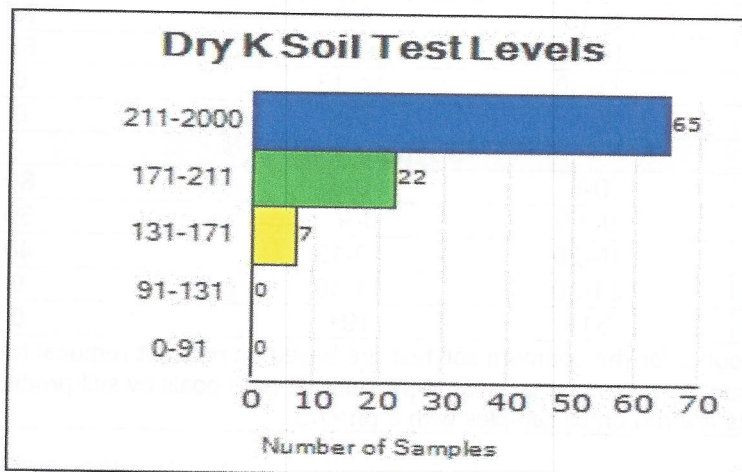
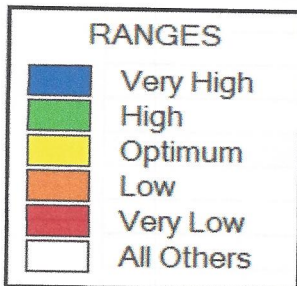
| Statistics | |
|------------|-----|
| MIN. | 2.2 |
| AVG. | 4.3 |
| MAX. | 6.7 |

Potassium Soil Test Levels



KNC14E

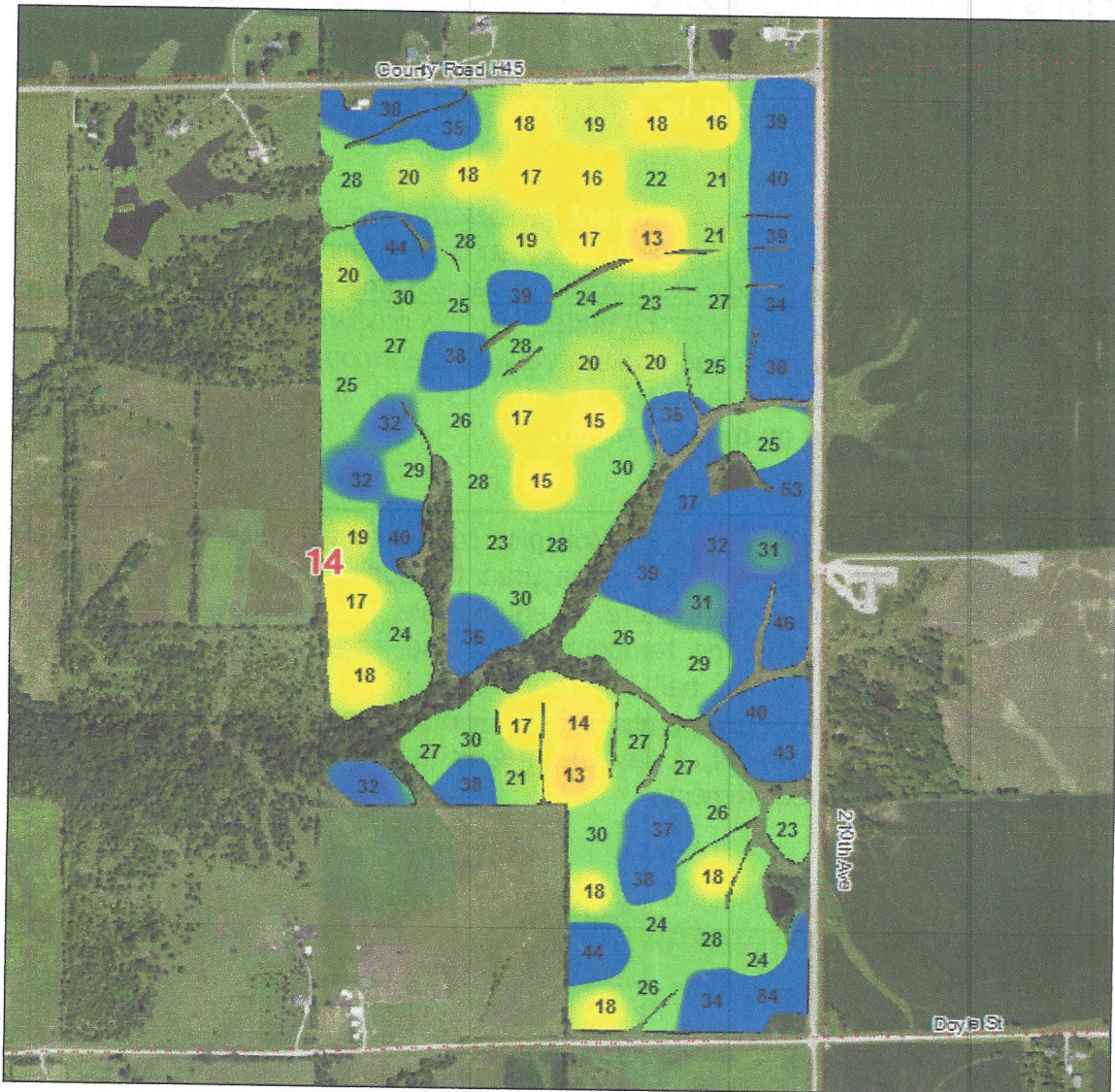
Sampled 2021



Statistics

| | |
|------|-------|
| MIN. | 141.0 |
| AVG. | 259.7 |
| MAX. | 557.0 |

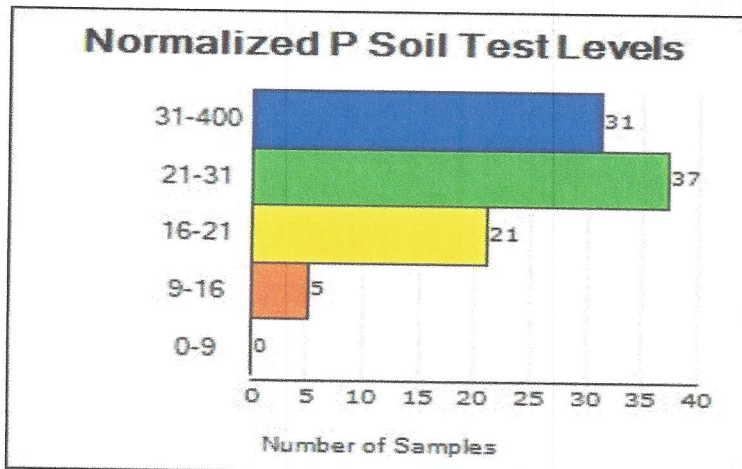
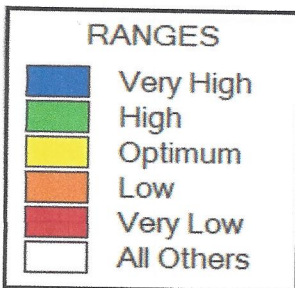
Phosphorus Soil Test Levels



(Olsen, Mehlich, Mehlich 1a, or Bray Test)

KNC14E

Sampled 2021



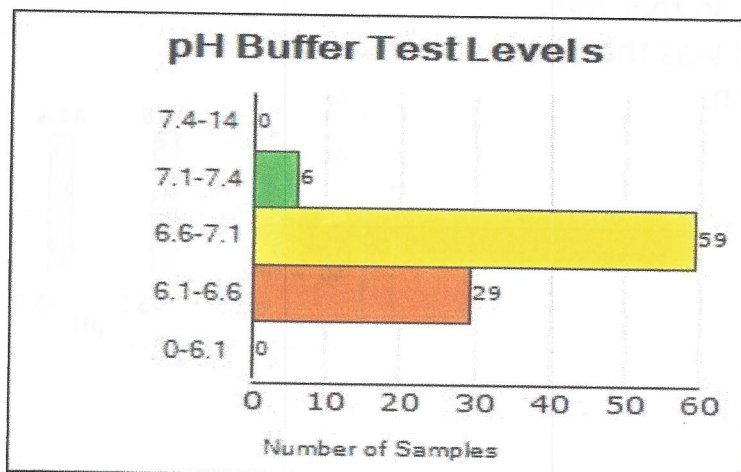
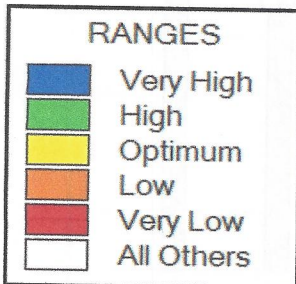
| Statistics | |
|------------|------|
| MIN. | 13.0 |
| AVG. | 28.0 |
| MAX. | 84.0 |

pH Buffer Test Levels



KNC14E

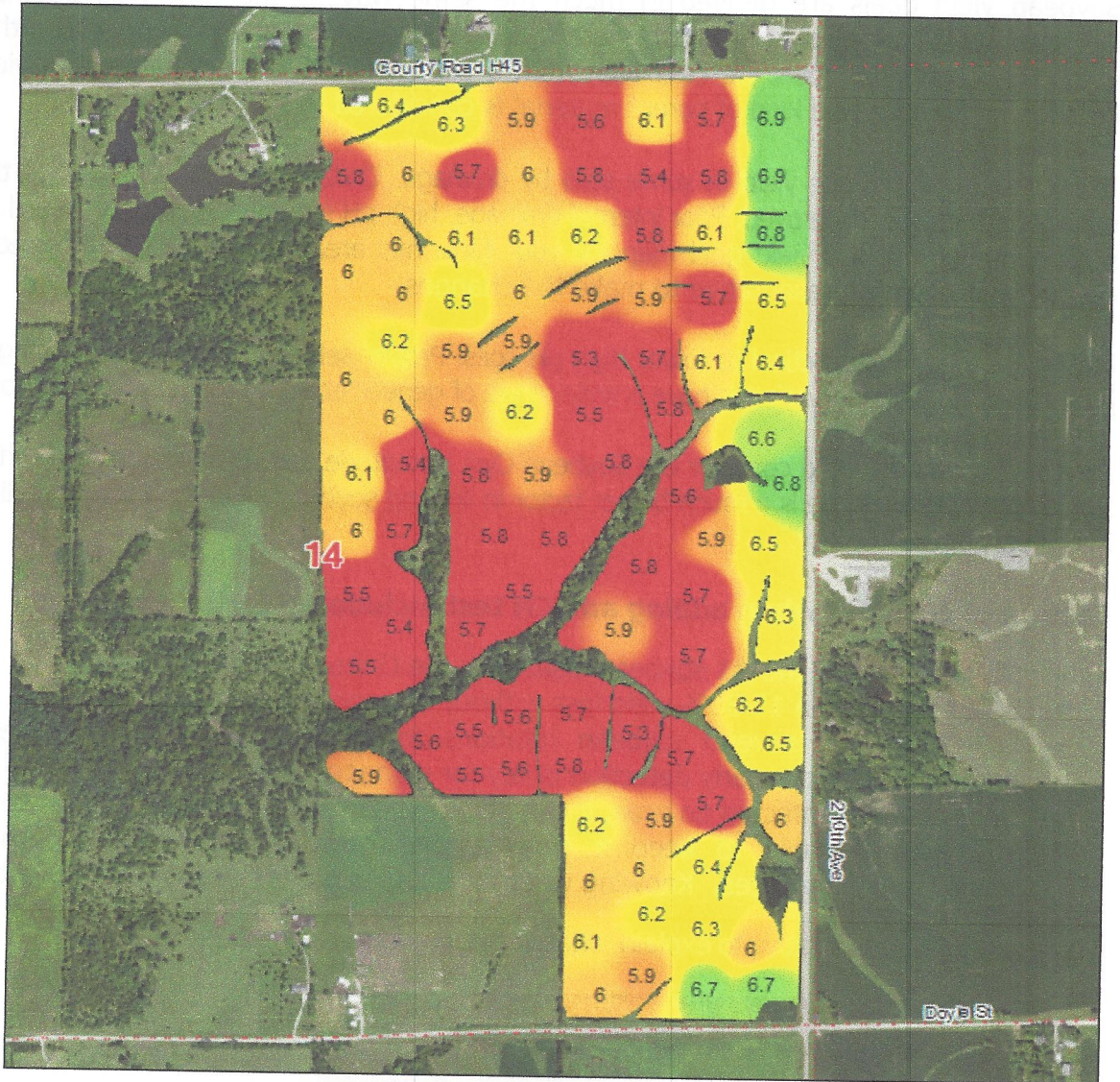
Sampled 2021



Statistics

| | |
|------|-----|
| MIN. | 6.1 |
| AVG. | 6.6 |
| MAX. | 7.1 |

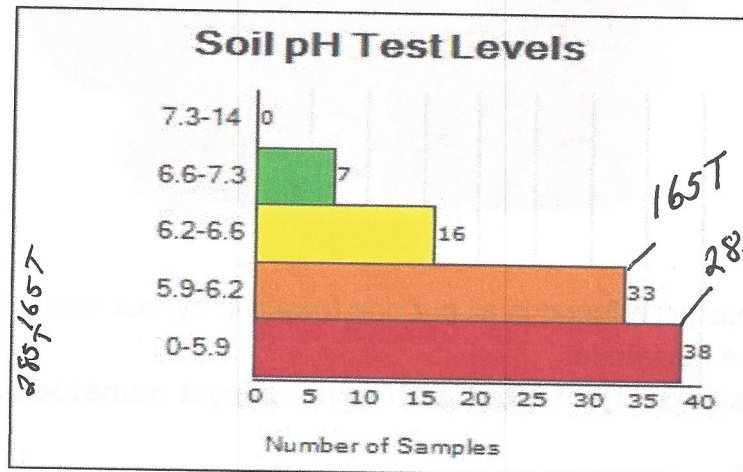
Soil pH Test Levels



KNC14E

Sampled 2021

| RANGES | |
|--------|------------|
| Blue | Very High |
| Green | High |
| Yellow | Optimum |
| Orange | Low |
| Red | Very Low |
| White | All Others |



| Statistics | |
|------------|-----|
| MIN. | 5.3 |
| AVG. | 6.0 |
| MAX. | 6.9 |

$$\begin{array}{r} \$9000 \\ +800 \\ \hline 10,000 \end{array}$$

496 Ton of lime on Feb 5 2022

Knox Township of Clarke County 39903

Section 14



| | |
|-------------------------|-------------------------------------|
| Customer Name | POPPE REVOCABLE TRUST, JAMES |
| Farm Name | OSCEOLA FARM |
| Field Name | OSCEOLA FARM |
| Field Code | KNC14E |
| Sampled | Spring 2021 |
| Field Acres | 235.55 acres |
| Acres per Sample | 2.51 |



JAMES POPPE REVOCABLE TRUST

OSCEOLA FARM - OSCEOLA FARM - KNC14E

Spring 2021

3/31/2021

