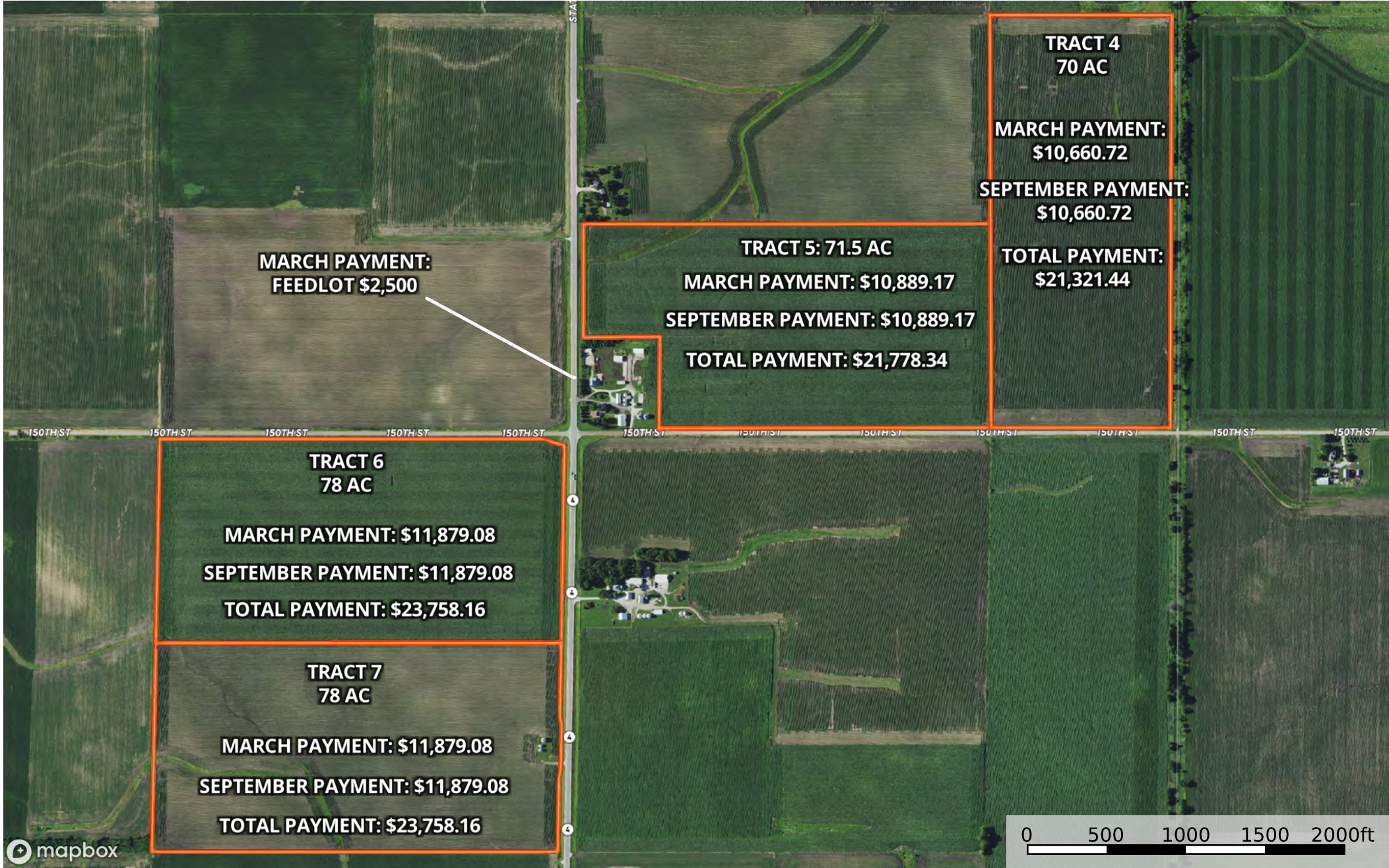


⇒ Direction 1 1 Boundary 8 Boundary 7 Boundary 6 Boundary 5 Boundary 4 Boundary 3 Boundary 2 Boundary 1





⇒ Direction 1 1

Boundary 8

Boundary 7

Boundary 6

Boundary 5

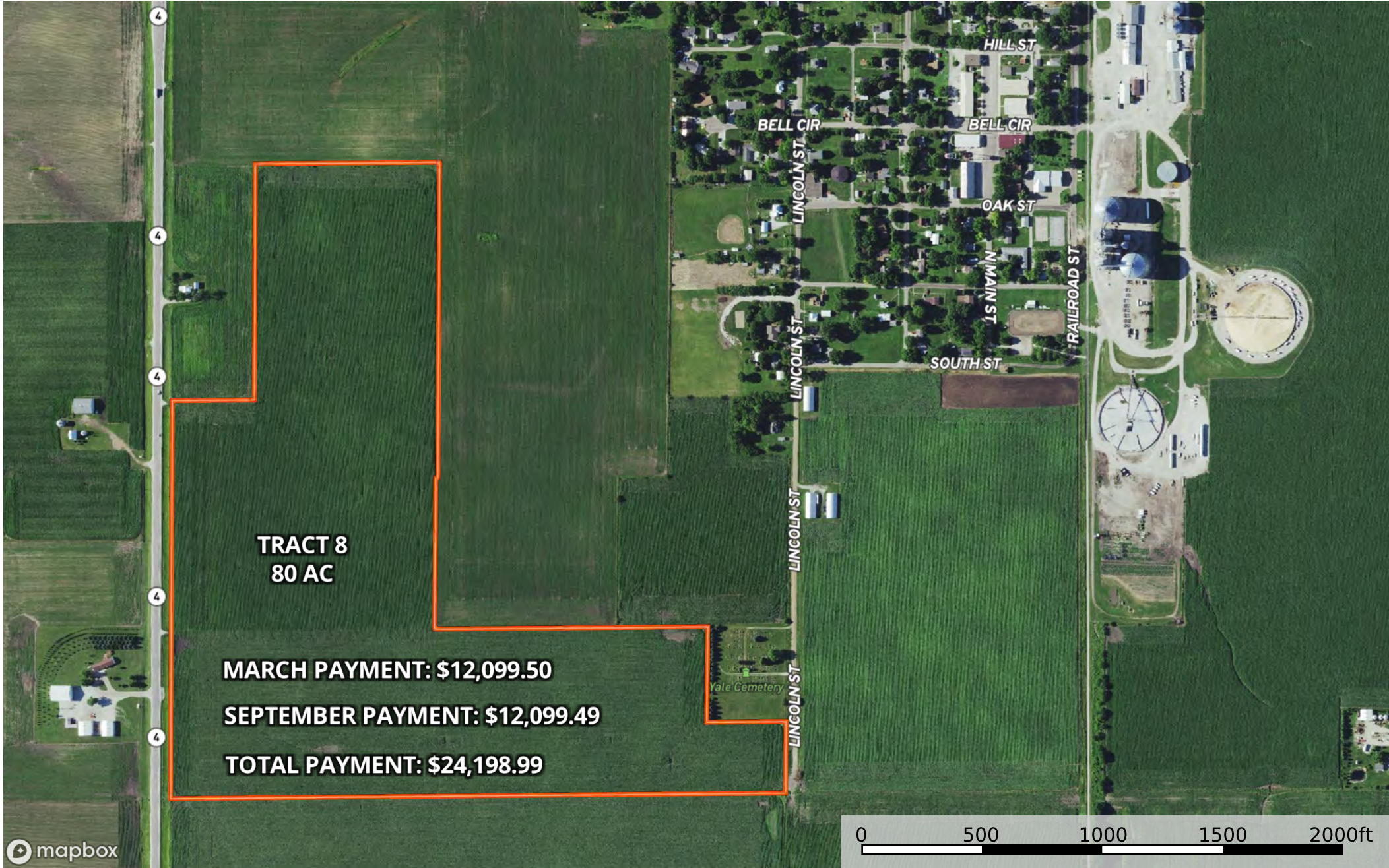
Boundary 4

Boundary 3

Boundary 2

Boundary 1





⇒ Direction 1 1 Boundary 8 Boundary 7 Boundary 6 Boundary 5 Boundary 4 Boundary 3 Boundary 2 Boundary 1





## Abbreviated 156 Farm Record

Operator Name : XXXXXXXXXX  
CRP Contract Number(s) : None  
Recon ID : 19-077-2008-55  
Transferred From : None  
ARCPLC G//F Eligibility : Eligible

## Farm Land Data

Farmland	Cropland	DCP Cropland	WBP	EWP	WRP	GRP	Sugarcane	Farm Status	Number Of Tracts
267.71	253.05	253.05	0.00	0.00	0.00	0.00	0.0	Active	1
State Conservation	Other Conservation	Effective DCP Cropland		Double Cropped		CRP	MPL	DCP Ag.Rel. Activity	SOD
0.00	0.00	253.05		0.00		0.00	0.00	0.00	0.00

## Crop Election Choice

ARC Individual	ARC County	Price Loss Coverage
None	CORN, SOYBN	None

## DCP Crop Data

Crop Name	Base Acres	CCC-505 CRP Reduction Acres	PLC Yield	HIP
Corn	115.85	0.00	150	
Soybeans	115.85	0.00	39	
<b>TOTAL</b>	<b>231.70</b>	<b>0.00</b>		

## NOTES

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Tract Number : 888

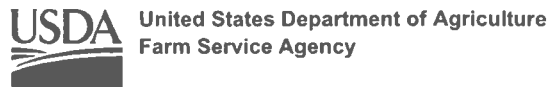
Description : FRAC SEC 3, NE1/4 SEC 9, E1/2NW1/4 SEC 10 DODGE  
FSA Physical Location : IOWA/GUTHRIE  
ANSI Physical Location : IOWA/GUTHRIE  
BIA Unit Range Number :  
HEL Status : NHEL: No agricultural commodity planted on undetermined fields  
Wetland Status : Wetland determinations not complete  
WL Violations : None  
Owners : CONNIE E CHALOUPKA, CAROLYN J DEARDORFF, CELIA MOREY, CHERYL HUMPHREY, CATHERINE THOMPSON, FRANCES C CHALOUPKA REV TR.  
Other Producers : None  
Recon ID : None

## Tract Land Data

Farm Land	Cropland	DCP Cropland	WBP	EWP	WRP	GRP	Sugarcane
267.71	253.05	253.05	0.00	0.00	0.00	0.00	0.0



IOWA  
GUTHRIE  
Form: FSA-156EZ



Abbreviated 156 Farm Record

FARM : 6040  
Prepared : 12/27/24 12:23 PM CST  
Crop Year : 2025

Tract 888 Continued ...

State Conservation	Other Conservation	Effective DCP Cropland	Double Cropped	CRP	MPL	DCP Ag. Rel Activity	SOD
0.00	0.00	253.05	0.00	0.00	0.00	0.00	0.00

DCP Crop Data

Crop Name	Base Acres	CCC-505 CRP Reduction Acres	PLC Yield
Corn	115.85	0.00	150
Soybeans	115.85	0.00	39
<b>TOTAL</b>	<b>231.70</b>	<b>0.00</b>	

NOTES

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United States  
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Agriculture

## Guthrie County, Iowa



### Legend

- Non-Cropland
- Cropland
- CRP
- Tract Boundary
- Iowa PLSS
- Iowa Roads

### Wetland Determination

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

**Corn/Soybeans are for Grain,  
All crops Non-Irrigated, Initial Crop,  
Producer Shares:**

**Tract Cropland Total: 253.05 acres**

**2024 Program Year**

Map Created April 10, 2024

**Farm 6040**

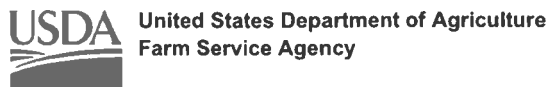
**Tract 888**

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IOWA  
GUTHRIE



**FARM : 8084**  
**Prepared : 12/27/24 12:49 PM CST**  
**Crop Year : 2025**

Form: FSA-156EZ

See Page 3 for non-discriminatory Statements.

### Abbreviated 156 Farm Record

**Operator Name** : XXXXXXXXXX  
**CRP Contract Number(s)** : None  
**Recon ID** : 19-077-2022-46  
**Transferred From** : None  
**ARCPLC G/I/F Eligibility** : Eligible

#### Farm Land Data

Farmland	Cropland	DCP Cropland	WBP	EWP	WRP	GRP	Sugarcane	Farm Status	Number Of Tracts
298.51	292.53	292.53	0.00	0.00	0.00	0.00	0.0	Active	3
State Conservation	Other Conservation	Effective DCP Cropland		Double Cropped		CRP	MPL	DCP Ag.Rel. Activity	SOD
0.00	0.00	292.53		0.00		0.00	0.00	0.00	0.00

#### Crop Election Choice

ARC Individual	ARC County	Price Loss Coverage
None	CORN, SOYBN	None

#### DCP Crop Data

Crop Name	Base Acres	CCC-505 CRP Reduction Acres	PLC Yield	HIP
Corn	142.26	0.00	156	
Soybeans	141.66	0.00	44	
<b>TOTAL</b>	<b>283.92</b>	<b>0.00</b>		

#### NOTES

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**Tract Number** : 1121

**Description** : S1/2SE1/4 SEC 29S W1/2SW1/4 SEC 28 RICHLAND  
**FSA Physical Location** : IOWA/GUTHRIE  
**ANSI Physical Location** : IOWA/GUTHRIE  
**BIA Unit Range Number** :  
**HEL Status** : NHEL: No agricultural commodity planted on undetermined fields  
**Wetland Status** : Wetland determinations not complete  
**WL Violations** : None  
**Owners** : VERNON LEE CHALOUPKA REVOCABLE TRUST  
**Other Producers** : None  
**Recon ID** : None

#### Tract Land Data

Farm Land	Cropland	DCP Cropland	WBP	EWP	WRP	GRP	Sugarcane
145.41	139.73	139.73	0.00	0.00	0.00	0.00	0.0



**Abbreviated 156 Farm Record**

**Tract 1121 Continued ...**

State Conservation	Other Conservation	Effective DCP Cropland	Double Cropped	CRP	MPL	DCP Ag. Rel Activity	SOD
0.00	0.00	139.73	0.00	0.00	0.00	0.00	0.00

**DCP Crop Data**

Crop Name	Base Acres	CCC-505 CRP Reduction Acres	PLC Yield
Corn	67.07	0.00	159
Soybeans	67.07	0.00	43
<b>TOTAL</b>	<b>134.14</b>	<b>0.00</b>	

**NOTES**

**Tract Number : 1123**

**Description :** S1/2NW1/4 SEC 32 RICHLAND  
**FSA Physical Location :** IOWA/GUTHRIE  
**ANSI Physical Location :** IOWA/GUTHRIE  
**BIA Unit Range Number :**  
**HEL Status :** NHEL: No agricultural commodity planted on undetermined fields  
**Wetland Status :** Wetland determinations not complete  
**WL Violations :** None  
**Owners :** VERNON LEE CHALOUPKA REVOCABLE TRUST, FRANCES C CHALOUPKA REV TR.  
**Other Producers :** None  
**Recon ID :** None

**Tract Land Data**

Farm Land	Cropland	DCP Cropland	WBP	EWP	WRP	GRP	Sugarcane
77.48	77.18	77.18	0.00	0.00	0.00	0.00	0.0
State Conservation	Other Conservation	Effective DCP Cropland	Double Cropped	CRP	MPL	DCP Ag. Rel Activity	SOD
0.00	0.00	77.18	0.00	0.00	0.00	0.00	0.00

**DCP Crop Data**

Crop Name	Base Acres	CCC-505 CRP Reduction Acres	PLC Yield
Corn	38.89	0.00	147
Soybeans	38.29	0.00	46
<b>TOTAL</b>	<b>77.18</b>	<b>0.00</b>	

**NOTES**



Abbreviated 156 Farm Record

**Tract Number** : 2501  
**Description** : N1/2NW1/4 SEC 32 RICHLAND  
**FSA Physical Location** : IOWA/GUTHRIE  
**ANSI Physical Location** : IOWA/GUTHRIE  
**BIA Unit Range Number** :  
**HEL Status** : NHEL: No agricultural commodity planted on undetermined fields  
**Wetland Status** : Wetland determinations not complete  
**WL Violations** : None  
**Owners** : VERNON LEE CHALOUPKA REVOCABLE TRUST, FRANCES C CHALOUPKA REV TR.  
**Other Producers** : None  
**Recon ID** : None

Tract Land Data

Farm Land	Cropland	DCP Cropland	WBP	EWP	WRP	GRP	Sugarcane
75.62	75.62	75.62	0.00	0.00	0.00	0.00	0.0
State Conservation	Other Conservation	Effective DCP Cropland	Double Cropped	CRP	MPL	DCP Ag. Rel Activity	SOD
0.00	0.00	75.62	0.00	0.00	0.00	0.00	0.00

DCP Crop Data

Crop Name	Base Acres	CCC-505 CRP Reduction Acres	PLC Yield
Corn	36.30	0.00	159
Soybeans	36.30	0.00	43
<b>TOTAL</b>	<b>72.60</b>	<b>0.00</b>	

NOTES

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United States  
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## Guthrie County, Iowa



### Legend

- Non-Cropland
- Cropland
- CRP
- Tract Boundary
- Iowa PLSS
- Iowa Roads

### Wetland Determination

- Restricted Use
- Limited Restrictions
- Exempt from Conservation
- Compliance Provisions

**Corn/Soybeans are for Grain,  
All crops Non-Irrigated, Initial Crop,  
Producer Shares:**

**Tract Cropland Total: 139.73 acres**

**2024 Program Year**

Map Created April 10, 2024

**Farm 8084**

**Tract 1121**

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## Guthrie County, Iowa



### Legend

- Non-Cropland
- Cropland
- CRP
- Tract Boundary
- Iowa PLSS
- Iowa Roads

### Wetland Determination

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

**Corn/Soybeans are for Grain,  
All crops Non-Irrigated, Initial Crop,  
Producer Shares:**

**Tract Cropland Total: 77.18 acres**

**2024 Program Year**

Map Created April 10, 2024

**Farm 8084**

**Tract 1123**

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Agriculture

## Guthrie County, Iowa



### Legend

- |              |                |            |
|--------------|----------------|------------|
| Non-Cropland | CRP            | Iowa PLSS  |
| Cropland     | Tract Boundary | Iowa Roads |

### Wetland Determination

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

**Corn/Soybeans are for Grain,  
All crops Non-Irrigated, Initial Crop,  
Producer Shares:**

**Tract Cropland Total: 75.62 acres**

**2024 Program Year**

Map Created April 10, 2024

**Farm 8084**

**Tract 2501**

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IOWA  
GUTHRIE



United States Department of Agriculture  
Farm Service Agency

FARM : 8070

Prepared : 12/27/24 12:48 PM CST

Form: FSA-156EZ

Crop Year : 2025

See Page 2 for non-discriminatory Statements.

### Abbreviated 156 Farm Record

Operator Name : XXXXXXXXXX  
CRP Contract Number(s) : None  
Recon ID : 19-077-2022-37  
Transferred From : None  
ARCPLC G/I/F Eligibility : Eligible

#### Farm Land Data

Farmland	Cropland	DCP Cropland	WBP	EWP	WRP	GRP	Sugarcane	Farm Status	Number Of Tracts
79.51	79.51	79.51	0.00	0.00	0.00	0.00	0.0	Active	1
State Conservation	Other Conservation	Effective DCP Cropland		Double Cropped		CRP	MPL	DCP Ag.Rel. Activity	SOD
0.00	0.00	79.51		0.00		0.00	0.00	0.00	0.00

#### Crop Election Choice

ARC Individual	ARC County	Price Loss Coverage
None	CORN, SOYBN	None

#### DCP Crop Data

Crop Name	Base Acres	CCC-505 CRP Reduction Acres	PLC Yield	HIP
Corn	39.41	0.00	147	
Soybeans	39.91	0.00	46	
<b>TOTAL</b>	<b>79.32</b>	<b>0.00</b>		

#### NOTES

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Tract Number : 1124

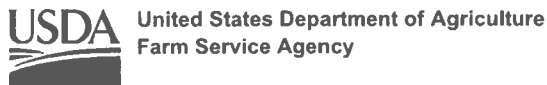
Description : FRAC W1/2NE1/4,FRAC S1/2S1/2NE1/4 SEC 5 N CASS  
FSA Physical Location : IOWA/GUTHRIE  
ANSI Physical Location : IOWA/GUTHRIE  
BIA Unit Range Number :  
HEL Status : NHEL: No agricultural commodity planted on undetermined fields  
Wetland Status : Wetland determinations not complete  
WL Violations : None  
Owners : VERNON LEE CHALOUPKA REVOCABLE TRUST, FRANCES C CHALOUPKA REV TR.  
Other Producers : None  
Recon ID : None

#### Tract Land Data

Farm Land	Cropland	DCP Cropland	WBP	EWP	WRP	GRP	Sugarcane
79.51	79.51	79.51	0.00	0.00	0.00	0.00	0.0



IOWA  
GUTHRIE  
Form: FSA-156EZ



Abbreviated 156 Farm Record

FARM : 8070  
Prepared : 12/27/24 12:48 PM CST  
Crop Year : 2025

Tract 1124 Continued ...

State Conservation	Other Conservation	Effective DCP Cropland	Double Cropped	CRP	MPL	DCP Ag. Rel Activity	SOD
0.00	0.00	79.51	0.00	0.00	0.00	0.00	0.00

DCP Crop Data

Crop Name	Base Acres	CCC-505 CRP Reduction Acres	PLC Yield
Corn	39.41	0.00	147
Soybeans	39.91	0.00	46
<b>TOTAL</b>	<b>79.32</b>	<b>0.00</b>	

NOTES

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## Guthrie County, Iowa



### Legend

- Non-Cropland
- Cropland
- CRP
- Tract Boundary
- Iowa PLSS
- Iowa Roads

### Wetland Determination

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

**Corn/Soybeans are for Grain,  
All crops Non-Irrigated, Initial Crop,  
Producer Shares:**

**Tract Cropland Total: 79.51 acres**

**2024 Program Year**

Map Created April 10, 2024

**Farm 8070**

**Tract 1124**

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# SOIL ANALYSIS

Submitted by  
WILLOW CREEK CUSTOM INC  
2091 HWY 141  
BAYARD, IA 50029

Account Number  
EW50029101

Submitted For  
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Field  
-----

Date Sampled  
11/10/2022

Date Received  
10-Nov-2022

Date Reported  
16-Nov-2022



Laboratory Sample #  
CL39100 - CL39108  
Information Sheet #  
S1110-835

Signup Id:

Field Id: RENFROW

Signup ID.

File ID: RNF-K07

Sample Id	Soil pH	Buffer pH	Sol. Salt	OM	Phosphorus				Wet K	K	Mg	Ca	S	Zn	Mn	Cu	Fe	B	CEC	% Base Saturation					
					Bray 1	Bray 2	Olsen	M3												H	K	Mg	Ca	Na	
%					ppm										%	%	%	%	%						
1190	7.1	7.2		3.8				50		190	439	4000								24.1	0.0	2.0	15.0	82.7	0.3
1191	6.5	6.7		5.1				72		224	411	3772								29.7	23.0	1.9	11.4	63.4	0.3
1192	6.6	6.9		4.6				66		210	458	4126								30.0	16.8	1.8	12.6	68.6	0.2
1193	5.7	6.4		5.1				61		162	490	3878								32.7	27.0	1.3	12.3	59.2	0.2
1194	7.6	7.4		4.9				26		152	285	7120								38.3	0.0	1.0	6.1	92.7	0.2
1195	7.8	7.4		4.8				33		197	275	6382								34.7	0.0	1.5	6.5	91.8	0.2
1196	7.3	7.5		4.4				29		174	351	5385								30.3	0.0	1.5	9.5	88.7	0.3
1197	6.5	7.0		4.8				37		192	419	4265								29.4	13.9	1.7	11.8	72.5	0.2
Average	7.1	7.1	----	4.7	----	----	----	47	----	191	391	5007	----	----	----	----	----	----	----	31.2	7.7	1.6	10.7	80.1	0.2

DISCLAIMER: Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.

## Sample Pts.



Field - Name : North

Field - Area : 71.45 ac

Date Sampled : 11/3/2022





# SOIL ANALYSIS

Submitted by  
WILLOW CREEK CUSTOM INC  
2091 HWY 141  
BAYARD, IA 50029

Submitted For

Date Sampled  
11/2/2021



Date Received  
02-Nov-2021

Laboratory Sample #  
CE32951 - CE32958

Account Number  
EW50029101

Field  
RENFROW *SOUTH*

Date Reported  
04-Nov-2021

Information Sheet #  
S1102-904

Signup Id:

Field Id: RENFROW

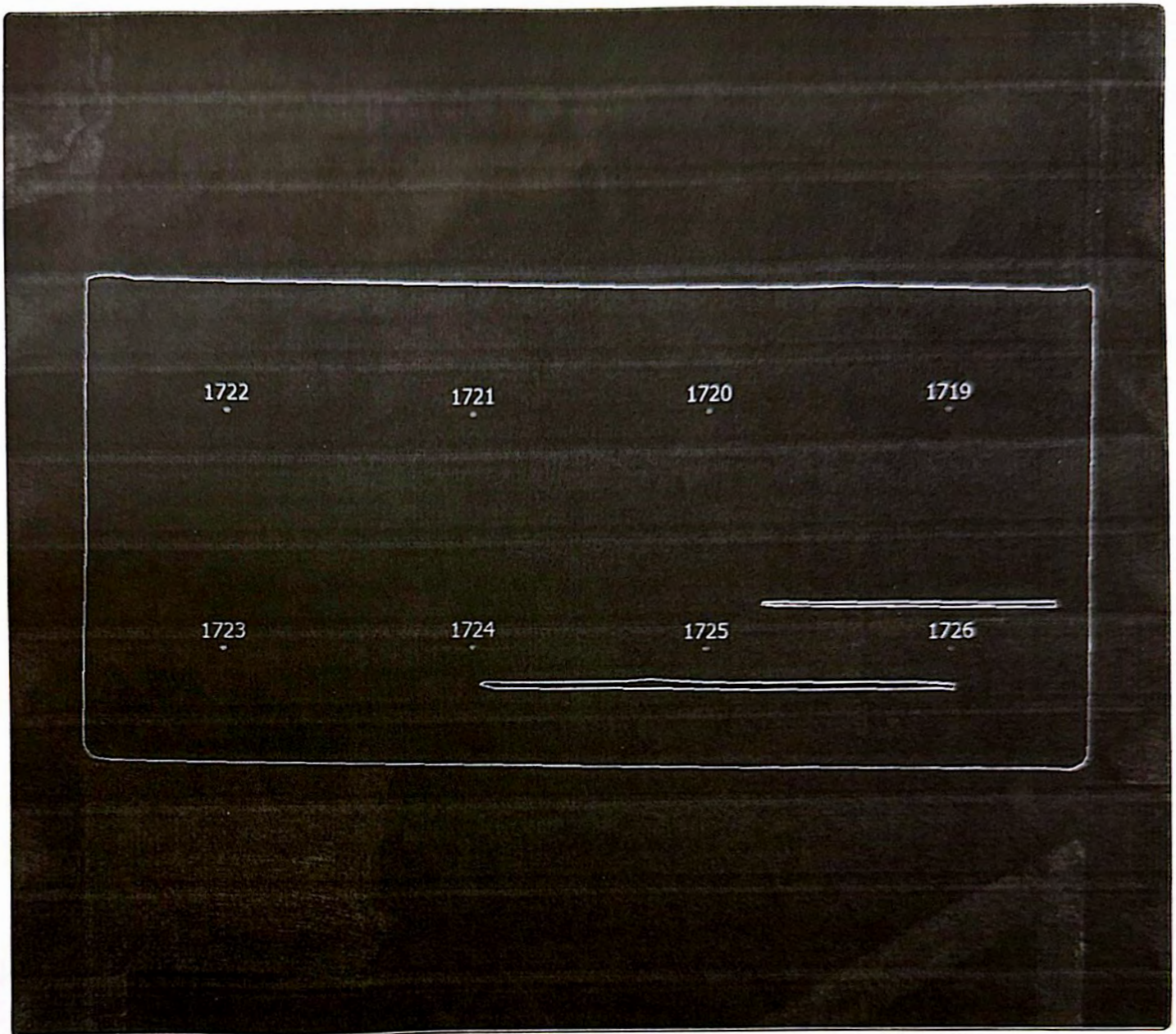
Sample Id	Soil pH	Buffer pH	Sol. Salt	OM	Phosphorus				Wet K	K	Mg	Ca	S	Zn	Mn	Cu	Fe	B	CEC	% Base Saturation														
					Bray 1	Bray 2	Olsen	M3												H	K	Mg	Ca	Na										
					%															ppm					%					%				
1719	7.7	7.3		5.5				66		277	310	7433							40.4	0.0	1.8	6.3	91.7	0.2										
1720	5.7	6.3		4.7				70		218	414	3595							31.7	30.6	1.8	10.8	56.7	0.2										
1721	7.7	7.3		4.5				39		184	298	6689							36.4	0.0	1.3	6.7	91.8	0.2										
1722	5.8	6.4		4.1				53		212	419	3717							31.8	29.0	1.7	10.8	58.3	0.2										
1723	5.8	6.4		3.6				42		238	246	2527							24.4	37.3	2.5	8.3	51.7	0.3										
1724	6.7	7.0		2.2				36		208	230	2146							17.3	23.5	3.1	11.0	62.1	0.3										
1725	5.8	6.4		4.3				47		203	397	3559							31.1	30.5	1.7	10.5	57.1	0.2										
1726	5.9	6.5		2.9				20		155	249	2459							22.8	35.1	1.7	9.0	53.9	0.2										
Average	6.6	6.8	—	4.0	—	—	—	47	—	212	320	4136	—	—	—	—	—	—	29.5	23.3	2.0	9.2	68.1	0.2										

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Page 1 of 1



## Sample Pts.



Grower - Name : ██████████

Farm - Name : Renfrow

Field - Name : South

Field - Area : 75.94 ac

Date Sampled : 11/8/2021





# SOIL ANALYSIS

Submitted by  
**WILLOW CREEK CUSTOM INC**  
 2091 HWY 141  
 BAYARD, IA 50029

Submitted For



Date Sampled  
**11/10/2022**

Date Received  
**10-Nov-2022**

Date Reported  
**12-Nov-2022**



Laboratory Sample #  
**CL39109 - CL39112**

Information Sheet #  
**S1110-844**

Account Number  
**EW50029101**

Field



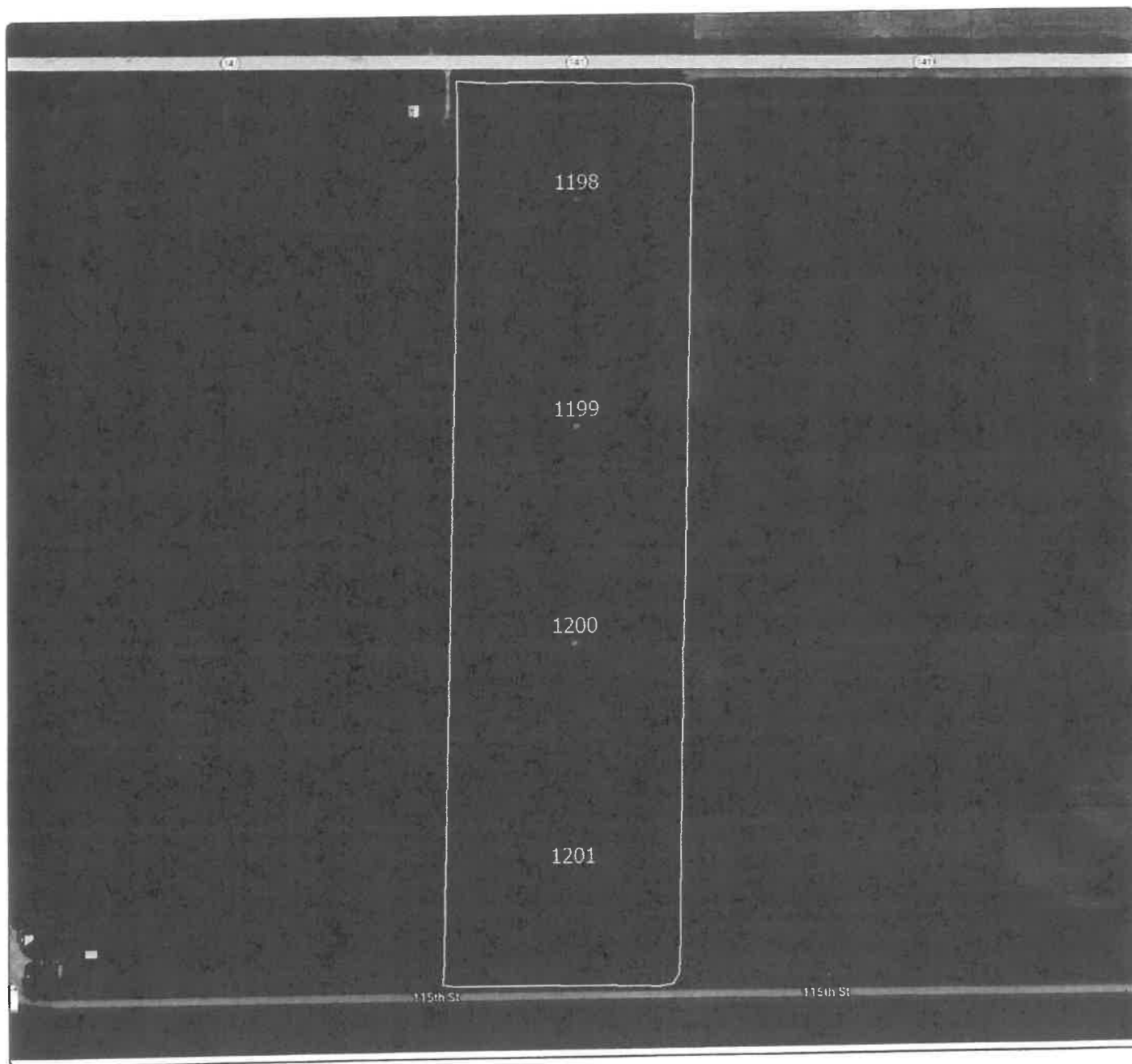
Signup Id:

Field Id: **WAGNER**

Sample Id	Soil pH	Buffer pH	Sol. Salt	OM	Phosphorus				Wet K	K	Mg	Ca	S	Zn	Mn	Cu	Fe	B	CEC	% Base Saturation				
					Bray 1	Bray 2	Olsen	M3												H	K	Mg	Ca	Na
					%															ppm				
1198	6.8	7.2		4.3			27		134	384	4329								27.8	9.4	1.2	11.4	77.8	0.2
1199	5.8	6.5		2.9			31		124	238	2110								21.1	39.2	1.5	9.2	49.8	0.3
1200	7.2	7.4		4.3			28		139	265	5433								29.7	0.0	1.2	7.3	91.2	0.2
1201	6.4	6.9		4.1			33		140	389	3705								27.5	19.6	1.3	11.6	67.2	0.2
Average	6.6	7.0	----	3.9	----	----	30	----	134	319	3894	----	----	----	----	----	----	----	26.5	17.1	1.3	9.9	71.5	0.2

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## Sample Pts.



Grower - Name [REDACTED]

Farm - Name : [REDACTED]

Field - Name : East

Field - Area : 38.89 ac

Date Sampled : 11/3/2022





# SOIL ANALYSIS

Submitted by  
**WILLOW CREEK CUSTOM INC**  
2091 HWY 141  
BAYARD, IA 50029

Submitted For  
**[REDACTED]**

Date Sampled  
**11/2/2021**

Date Received  
**02-Nov-2021**

Date Reported  
**04-Nov-2021**



Laboratory Sample #  
**CE32959 - CE32963**  
Information Sheet #  
**S1102-912**

Account Number  
**EW50029101**

Field  
**WAGNER WEST**

Signup Id:

Field Id: **WAGNER WEST**

Sample Id	Soil pH	Buffer pH	Sol. Salt	OM	Phosphorus				Wet K	K	Mg	Ca	S	Zn	Mn	Cu	Fe	B	CEC	% Base Saturation				
					Bray 1	Bray 2	Olsen	M3												H	K	Mg	Ca	Na
				%	ppm										% % % % %									
1727	7.6	7.3		4.2				29		207	463	6467							36.7	0.0	1.4	10.4	88.0	0.2
1728	7.6	7.2		4.5				52		233	399	5619							32.0	0.0	1.9	10.3	87.7	0.1
1729	6.7	6.8		3.6				31		204	307	3654							27.1	21.3	1.9	9.3	67.3	0.2
1730	6.0	6.4		4.1				26		187	286	2840							25.8	33.9	1.9	9.1	54.9	0.2
Average	7.0	7.0	—	4.1	---	---	---	35	---	208	364	4645	---	---	---	---	---	---	30.4	13.8	1.8	9.8	74.5	0.2

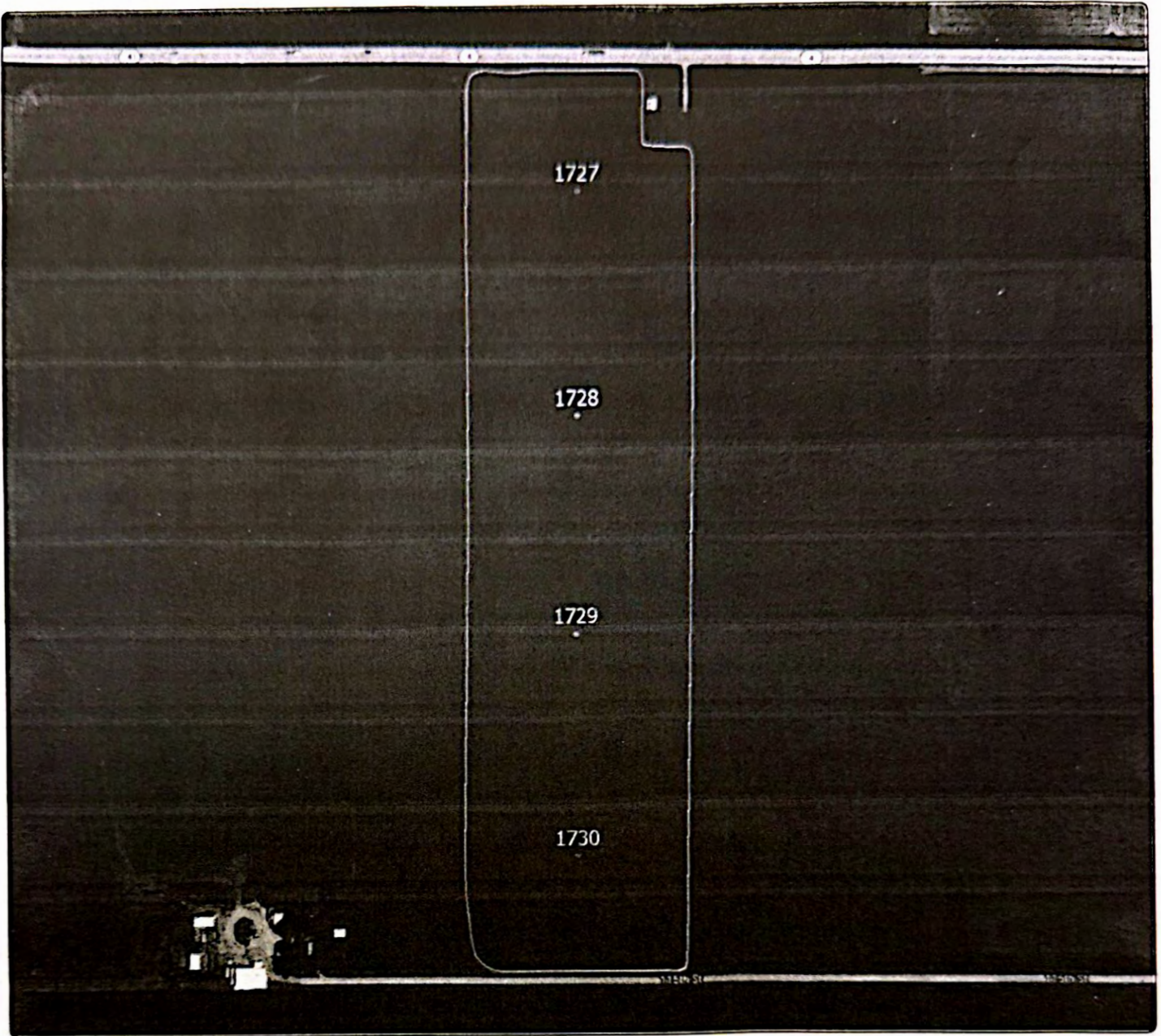
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Page 1 of 1

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## Sample Pts.



Grower - Name : [REDACTED]

Farm - Name : Wagner

Field - Name : West

Field - Area : 37.64 ac

Date Sampled : 11/8/2021







Vernon Home E

67.18 ac

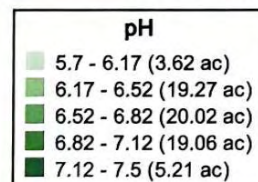
Vernon Home E  
67.18 ac

pH - Soil Test - 2025

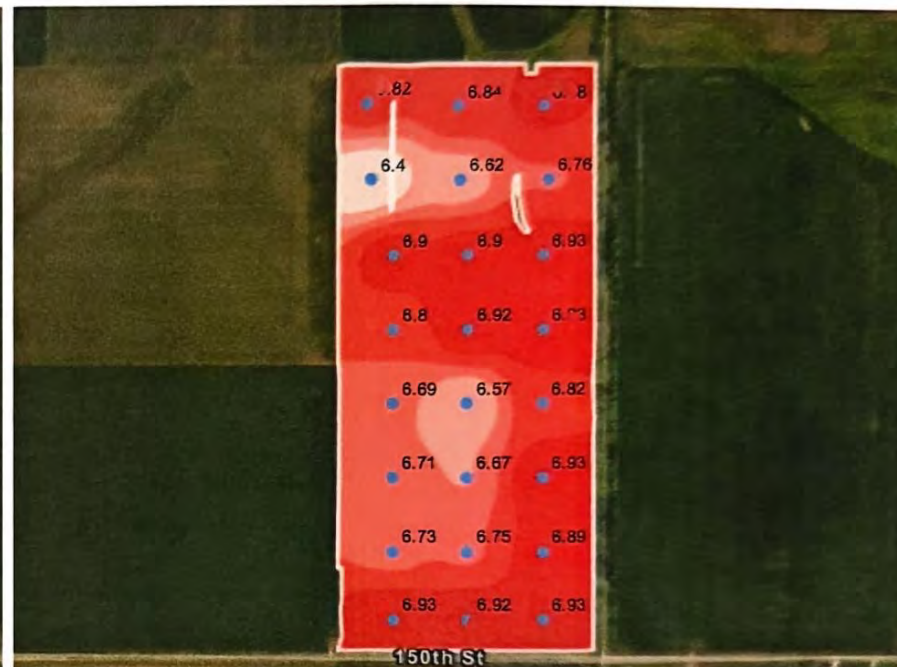


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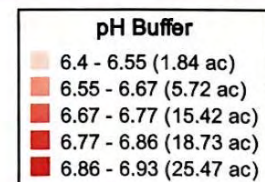
Min: 5.7  
Avg: 6.68  
Max: 7.5



pH Buffer - Soil Test - 2025



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Min: 6.4  
Avg: 6.8  
Max: 6.93



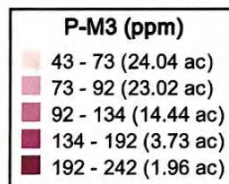
Vernon Home E  
67.18 ac

P - Soil Test - 2025

K - Soil Test - 2025

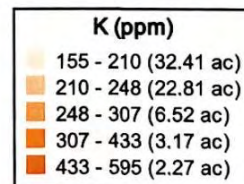


Min: 43 ppm  
Avg: 90.1 ppm  
Max: 242 ppm



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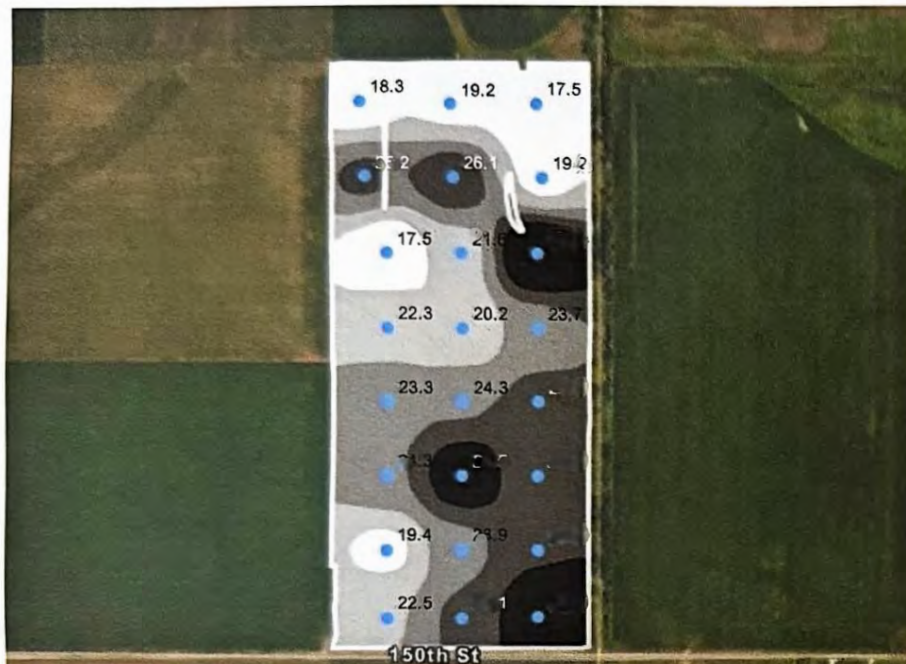
Min: 155 ppm  
Avg: 233 ppm  
Max: 595 ppm



Vernon Home E  
67.18 ac

CEC - Soil Test - 2025

OM - Soil Test - 2025



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Min: 17.5 meq/100g  
Avg: 23.3 meq/100g  
Max: 30.3 meq/100g

**CEC (meq/100g)**

17.5 - 20.3 (13.32 ac)
20.3 - 22.7 (14.66 ac)
22.7 - 24.7 (16.89 ac)
24.7 - 26.8 (15.41 ac)
26.8 - 30.3 (6.91 ac)

**OM (%)**

3.9 - 4.53 (10.83 ac)
4.53 - 5.12 (16.23 ac)
5.12 - 5.7 (24.46 ac)
5.7 - 6.49 (13.14 ac)
6.49 - 7.3 (2.53 ac)

Min: 3.9 %  
Avg: 5.27 %  
Max: 7.3 %



Vernon Home E  
67.18 ac

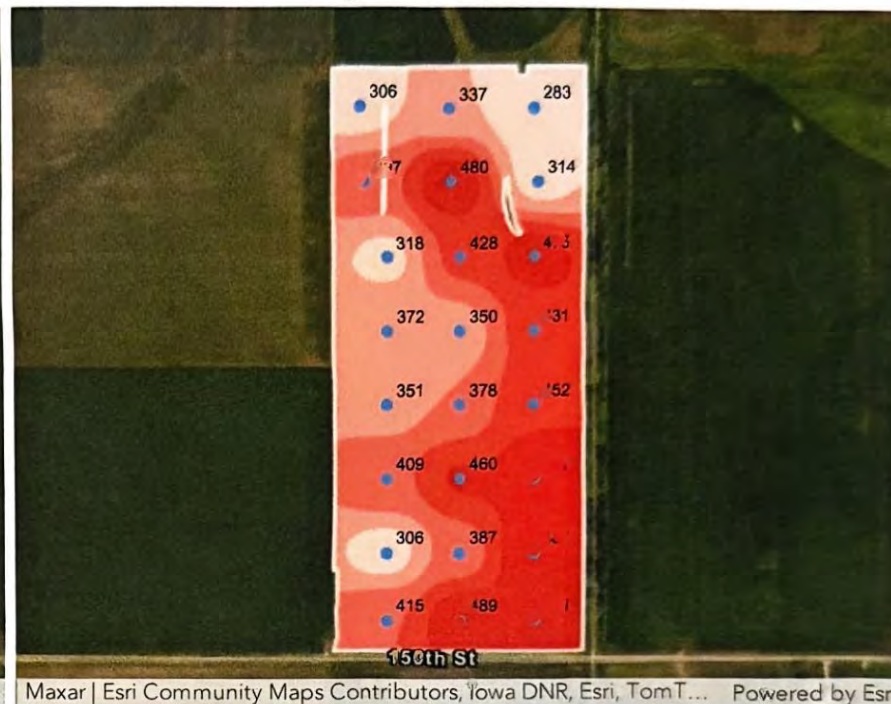
Ca - Soil Test - 2025



Min: 2,796 ppm  
Avg: 3,603 ppm  
Max: 5,132 ppm

Ca (ppm)	
2,796 - 3,227 (19.19 ac)	
3,227 - 3,684 (23.13 ac)	
3,684 - 4,050 (10.26 ac)	
4,050 - 4,443 (9.97 ac)	
4,443 - 5,132 (4.63 ac)	

Mg - Soil Test - 2025



Min: 283 ppm  
Avg: 399 ppm  
Max: 489 ppm

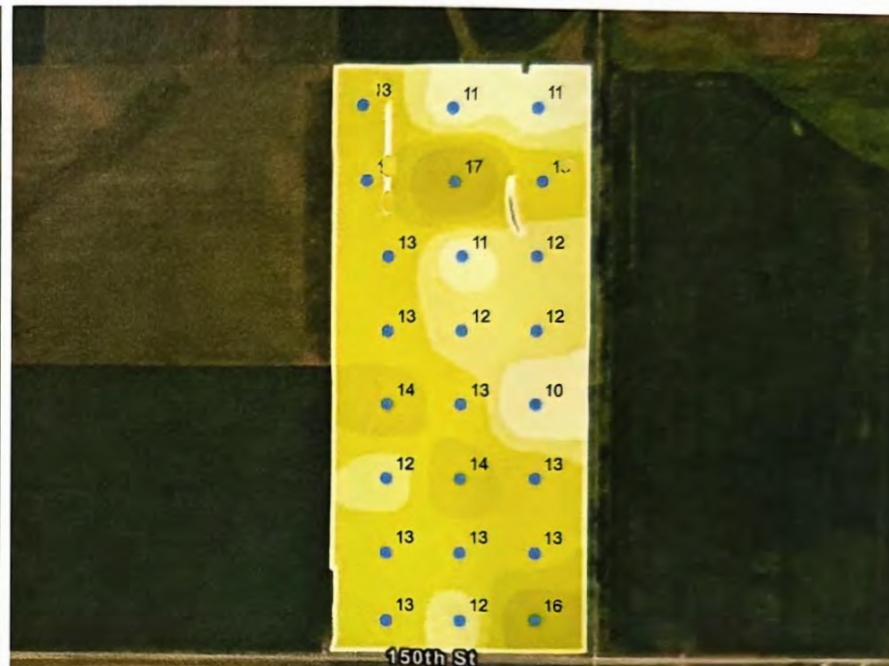
Mg (ppm)	
283 - 334 (9.82 ac)	
334 - 376 (16.80 ac)	
376 - 417 (14.00 ac)	
417 - 456 (13.42 ac)	
456 - 489 (13.13 ac)	

[Redacted]

Vernon Home E  
67.18 ac

**Zn - Soil Test - 2025**

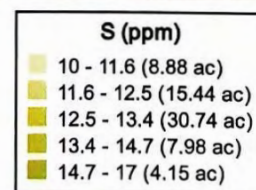
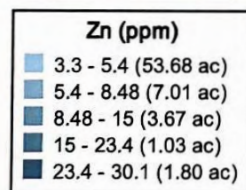
**S - Soil Test - 2025**



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Min: 3.3 ppm  
Avg: 5.7 ppm  
Max: 30.1 ppm

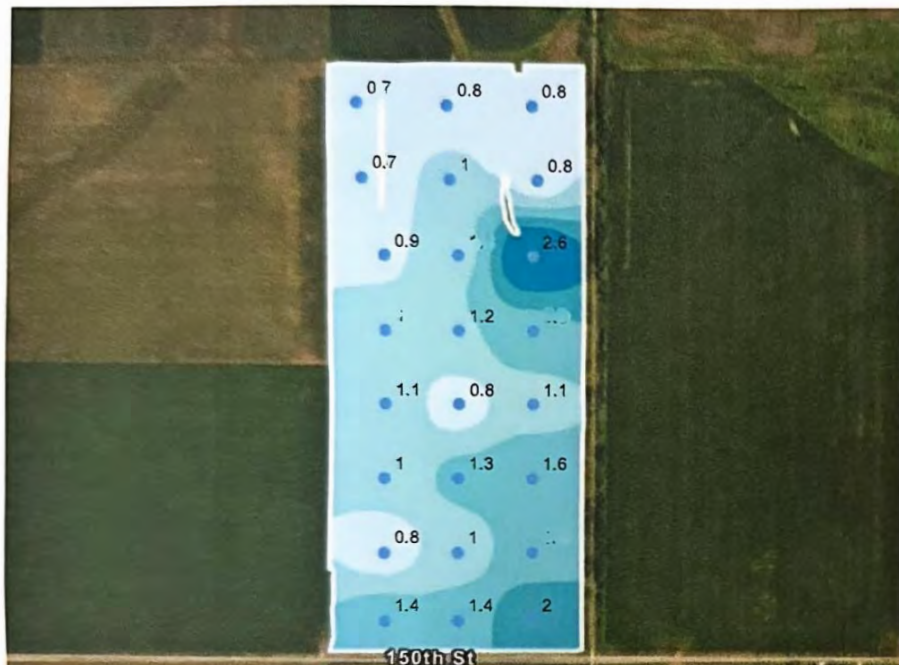


Min: 10 ppm  
Avg: 12.8 ppm  
Max: 17 ppm



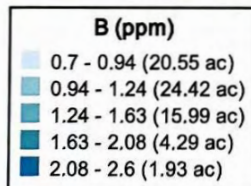
Vernon Home E  
67.18 ac

B - Soil Test - 2025

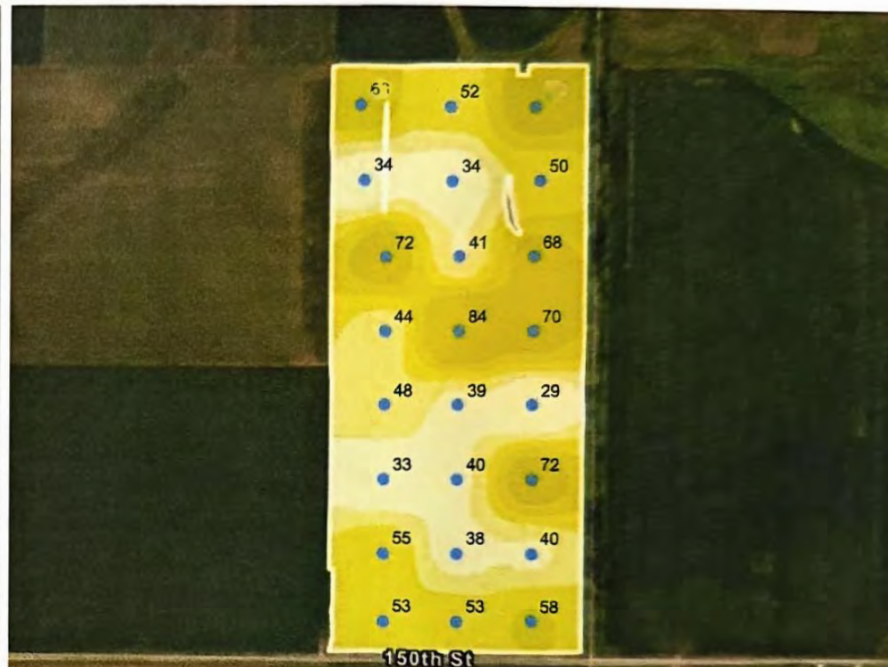


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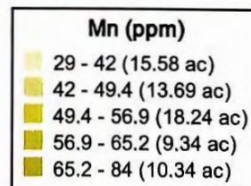
Min: 0.7 ppm  
Avg: 1.17 ppm  
Max: 2.6 ppm



Mn - Soil Test - 2025



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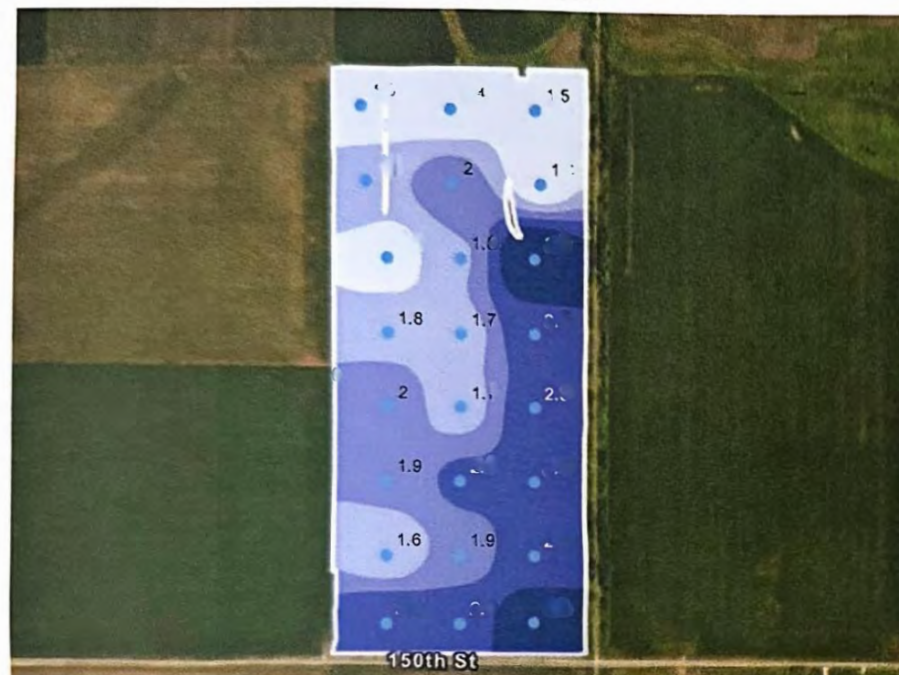


Min: 29 ppm  
Avg: 51.8 ppm  
Max: 84 ppm

Vernon Home E  
67.18 ac

Cu - Soil Test - 2025

Fe - Soil Test - 2025



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Min: 1.3 ppm  
Avg: 1.98 ppm  
Max: 3.2 ppm

Cu (ppm)	
1.3 - 1.6 (13.35 ac)	
1.6 - 1.85 (15.94 ac)	
1.85 - 2.14 (14.68 ac)	
2.14 - 2.56 (18.09 ac)	
2.56 - 3.2 (5.13 ac)	

Fe (ppm)	
69 - 101 (5.78 ac)	
101 - 125 (15.81 ac)	
125 - 149 (28.51 ac)	
149 - 195 (14.34 ac)	
195 - 250 (2.75 ac)	

Min: 69 ppm  
Avg: 136 ppm  
Max: 250 ppm

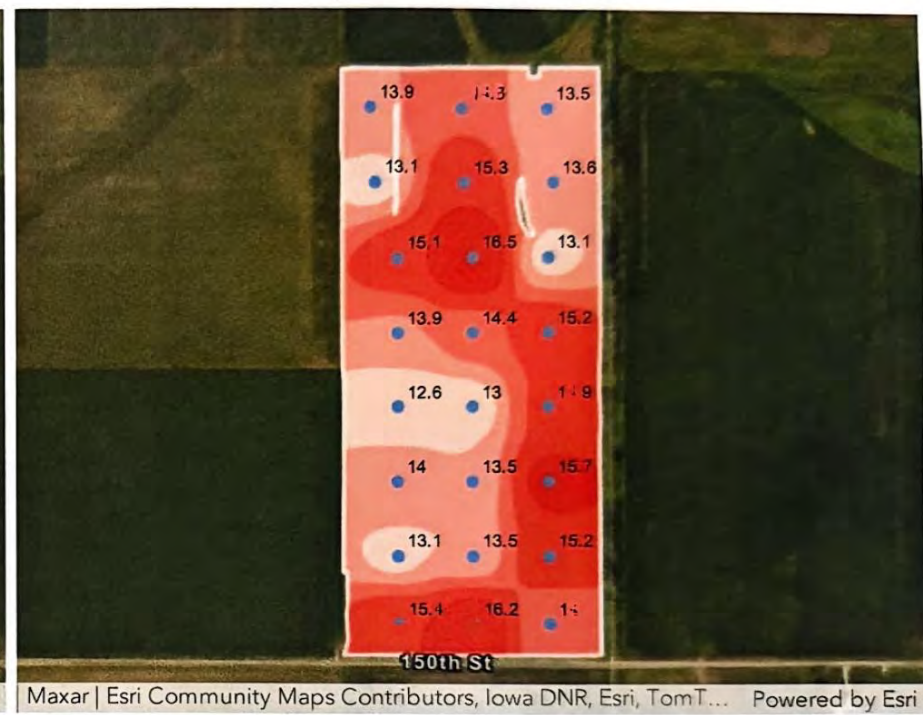
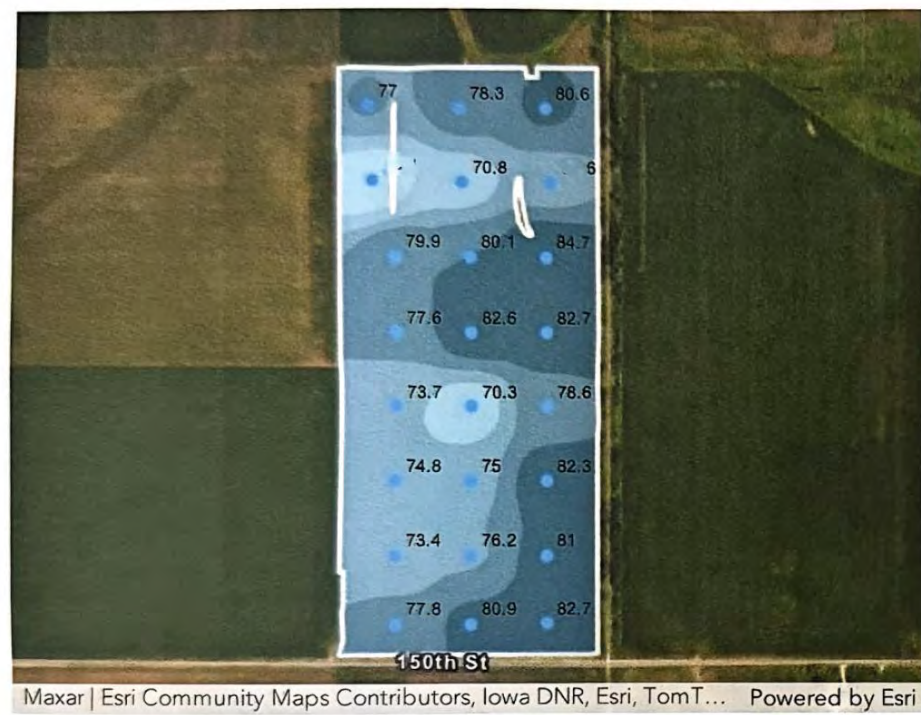


[Redacted]

Vernon Home E  
67.18 ac

Ca % - Soil Test - 2025

Mg % - Soil Test - 2025



Min: 63.1 %  
Avg: 77.4 %  
Max: 84.7 %

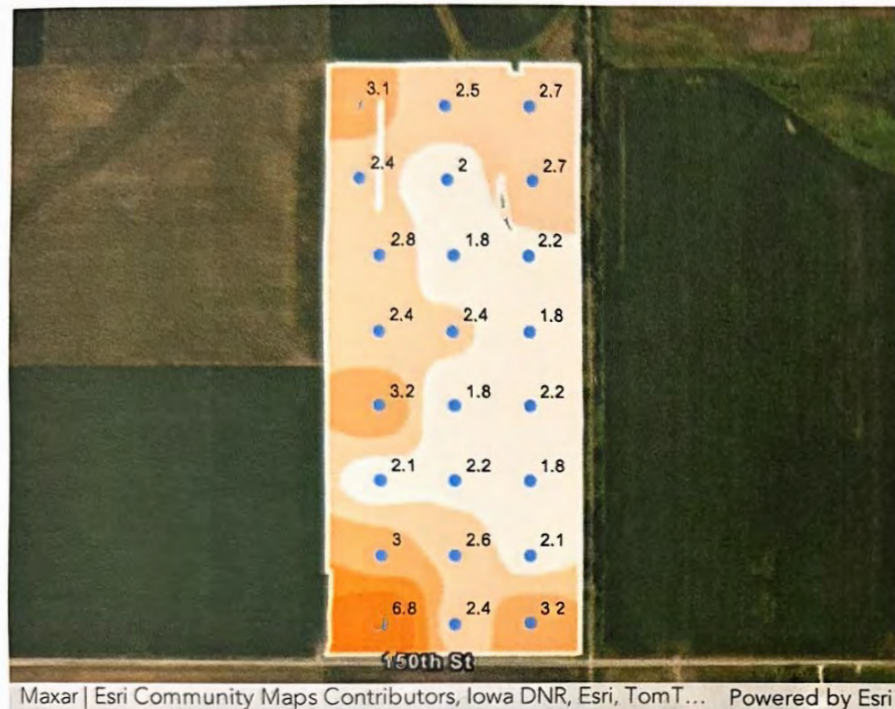
Ca %	
63.1 - 68.4	(1.95 ac)
68.4 - 73.2	(5.03 ac)
73.2 - 76.7	(20.33 ac)
76.7 - 80.1	(20.71 ac)
80.1 - 84.7	(19.16 ac)

Mg %	
12.6 - 13.4	(8.67 ac)
13.4 - 14	(21.50 ac)
14 - 14.7	(14.52 ac)
14.7 - 15.4	(16.84 ac)
15.4 - 16.5	(5.65 ac)

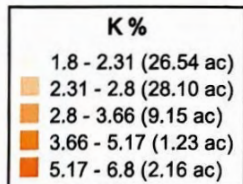
Min: 12.6 %  
Avg: 14.3 %  
Max: 16.5 %

Vernon Home E  
67.18 ac

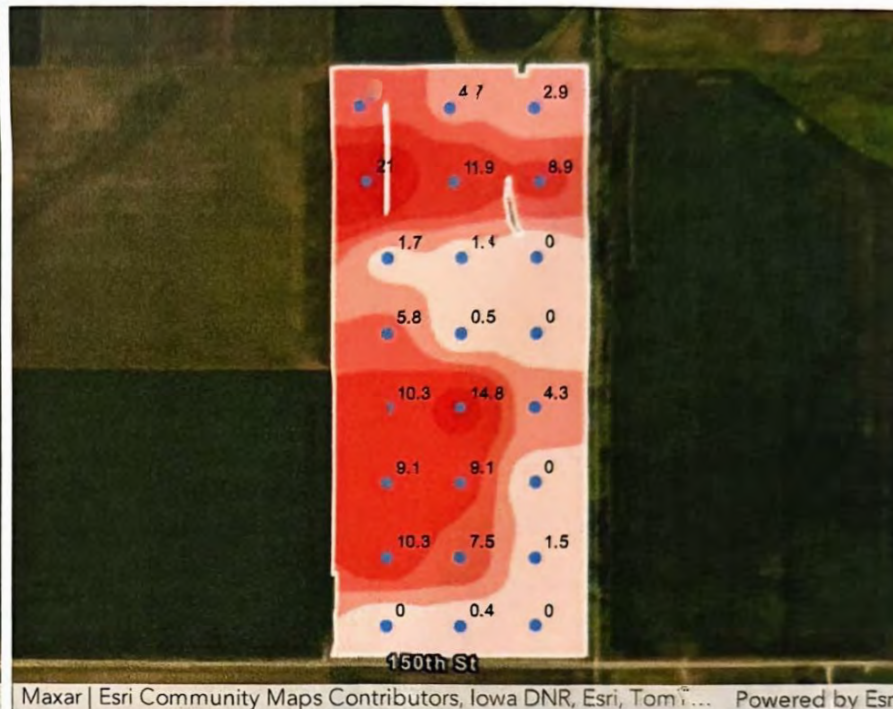
K % - Soil Test - 2025



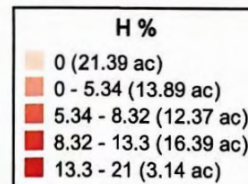
Min: 1.8 %  
Avg: 2.59 %  
Max: 6.8 %



H % - Soil Test - 2025



Min: 0 %  
Avg: 5.5 %  
Max: 21 %







Vernon Home W

69.18 ac

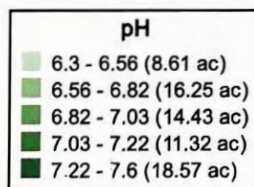
Vernon Home W  
69.18 ac

pH - Soil Test - 2025

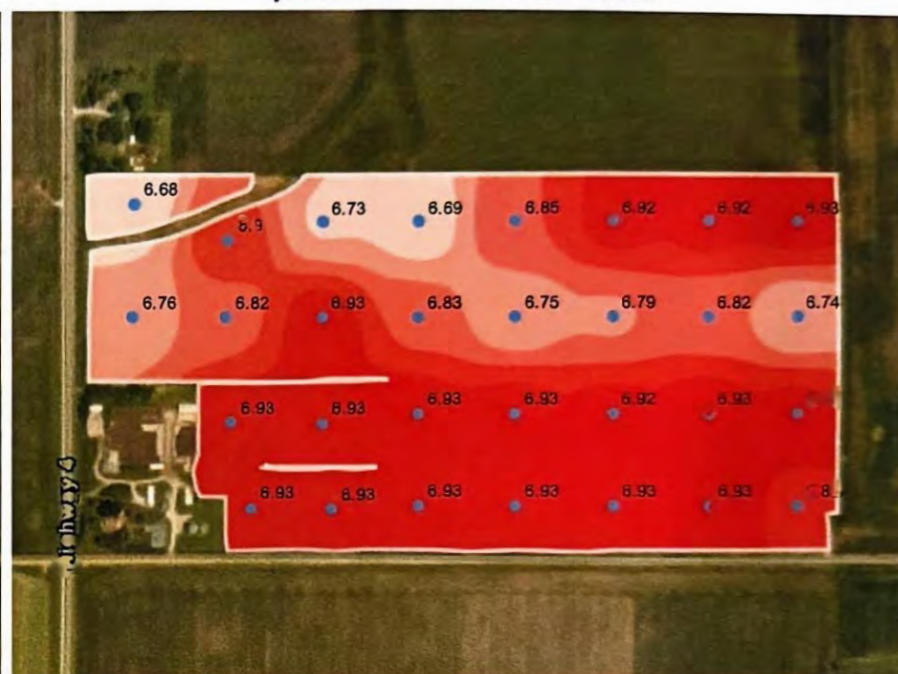


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Min: 6.3  
Avg: 6.95  
Max: 7.6

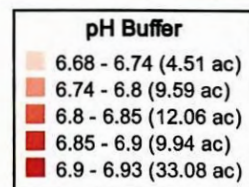


pH Buffer - Soil Test - 2025



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Min: 6.68  
Avg: 6.87  
Max: 6.93





Vernon Home W  
69.18 ac

P - Soil Test - 2025

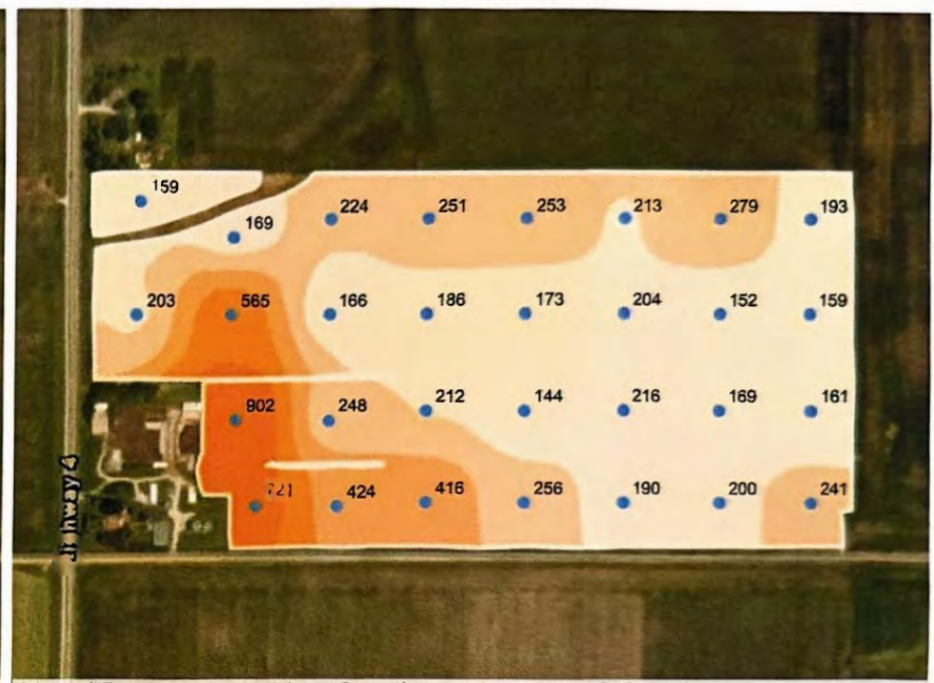


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Min: 33 ppm  
Avg: 100 ppm  
Max: 368 ppm

P-M3 (ppm)	
33 - 76	(31.56 ac)
76 - 121	(22.71 ac)
121 - 181	(8.17 ac)
181 - 268	(4.97 ac)
268 - 368	(1.78 ac)

K - Soil Test - 2025



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Min: 144 ppm  
Avg: 268 ppm  
Max: 902 ppm

K (ppm)	
144 - 215	(37.15 ac)
215 - 318	(20.24 ac)
318 - 476	(5.94 ac)
476 - 655	(2.69 ac)
655 - 902	(3.16 ac)

Vernon Home W  
69.18 ac

CEC - Soil Test - 2025



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Min: 18.1 meq/100g  
Avg: 23.2 meq/100g  
Max: 29.2 meq/100g

**CEC (meq/100g)**

18.1 - 20.8 (10.66 ac)
20.8 - 22.7 (13.08 ac)
22.7 - 24.5 (28.18 ac)
24.5 - 26.5 (11.49 ac)
26.5 - 29.2 (5.76 ac)

OM - Soil Test - 2025



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**OM (%)**

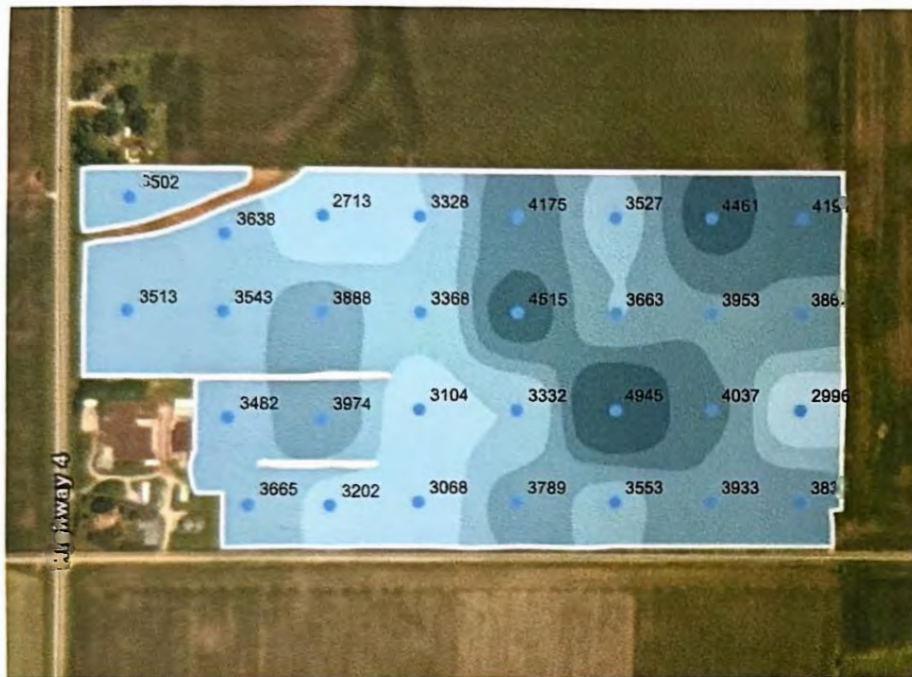
3.5 - 4.17 (5.93 ac)
4.17 - 4.59 (16.81 ac)
4.59 - 5 (20.32 ac)
5 - 5.58 (17.88 ac)
5.58 - 6.6 (8.23 ac)

Min: 3.5 %  
Avg: 4.88 %  
Max: 6.6 %



Vernon Home W  
69.18 ac

Ca - Soil Test - 2025



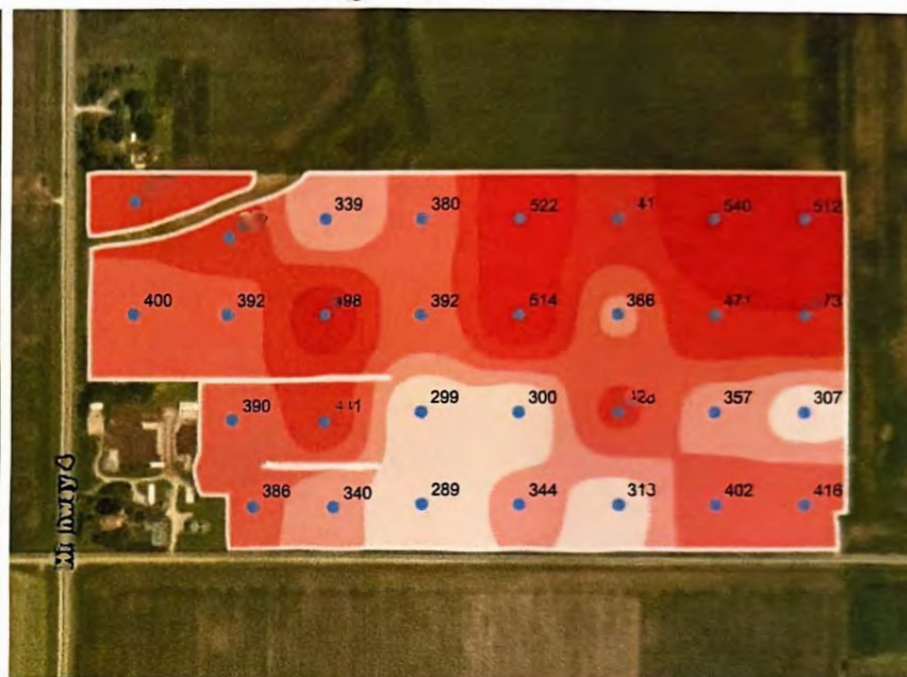
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Min: 2,713 ppm  
Avg: 3,692 ppm  
Max: 4,945 ppm

**Ca (ppm)**

2,713 - 3,341 (10.96 ac)
3,341 - 3,684 (25.09 ac)
3,684 - 3,982 (18.79 ac)
3,982 - 4,313 (10.09 ac)
4,313 - 4,945 (4.25 ac)

Mg - Soil Test - 2025



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Min: 289 ppm  
Avg: 405 ppm  
Max: 540 ppm

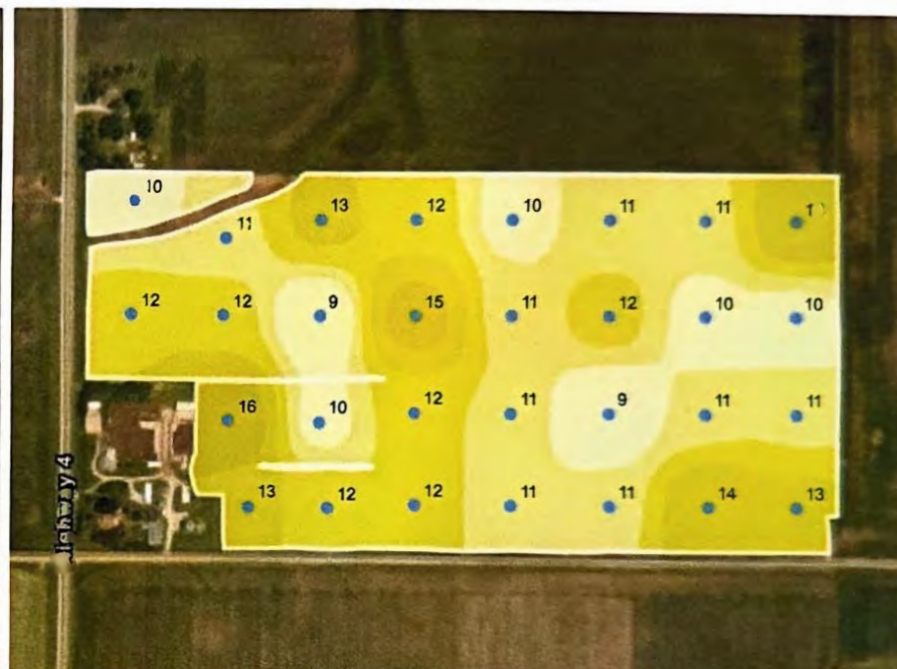
**Mg (ppm)**

289 - 334 (9.35 ac)
334 - 376 (11.05 ac)
376 - 420 (23.62 ac)
420 - 473 (14.39 ac)
473 - 540 (10.77 ac)

Vernon Home W  
69.18 ac

## Zn - Soil Test - 2025

## S - Soil Test - 2025



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Min: 2.1 ppm  
Avg: 5.01 ppm  
Max: 15.2 ppm

Zn (ppm)	
2.1 - 4.22	(37.82 ac)
4.22 - 6.14	(15.91 ac)
6.14 - 8.41	(7.80 ac)
8.41 - 11.6	(5.81 ac)
11.6 - 15.2	(1.85 ac)

S (ppm)	
9 - 10.6	(12.96 ac)
10.6 - 11.5	(24.33 ac)
11.5 - 12.6	(18.74 ac)
12.6 - 14.1	(10.73 ac)
14.1 - 16	(2.43 ac)

Min: 9 ppm  
Avg: 11.6 ppm  
Max: 16 ppm



Vernon Home W  
69.18 ac

## B - Soil Test - 2025



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Min: 0.6 ppm  
Avg: 0.92 ppm  
Max: 1.4 ppm

B (ppm)	
0.6 - 0.79	(13.23 ac)
0.79 - 0.92	(29.16 ac)
0.92 - 1.06	(16.89 ac)
1.06 - 1.22	(5.72 ac)
1.22 - 1.4	(4.17 ac)

## Mn - Soil Test - 2025



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Min: 38 ppm  
Avg: 70.2 ppm  
Max: 100 ppm

Mn (ppm)	
38 - 53.1	(7.61 ac)
53.1 - 63.1	(19.98 ac)
63.1 - 74	(12.48 ac)
74 - 84.9	(13.21 ac)
84.9 - 100	(15.89 ac)

Vernon Home W  
69.18 ac

Cu - Soil Test - 2025

Fe - Soil Test - 2025



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Min: 1.6 ppm  
Avg: 2.27 ppm  
Max: 3.2 ppm

Cu (ppm)	
1.6 - 1.96 (9.09 ac)	
1.96 - 2.17 (18.68 ac)	
2.17 - 2.36 (18.34 ac)	
2.36 - 2.64 (14.31 ac)	
2.64 - 3.2 (8.76 ac)	

Fe (ppm)	
129 - 166 (29.77 ac)	
166 - 209 (30.33 ac)	
209 - 269 (3.54 ac)	
269 - 337 (3.87 ac)	
337 - 400 (1.66 ac)	

Min: 129 ppm  
Avg: 183 ppm  
Max: 400 ppm



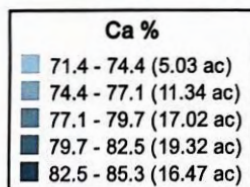
Vernon Home W  
69.18 ac

Ca % - Soil Test - 2025

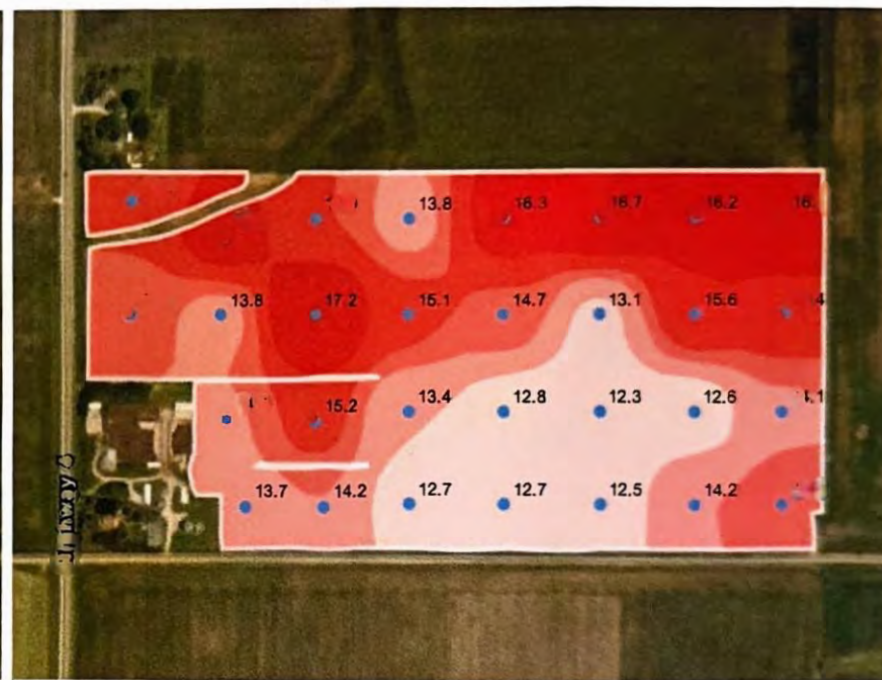


Maxar | Esri Community Maps Contributors, Iowa DNR, © OpenSt... Powered by Esri

Min: 71.4 %  
Avg: 79.6 %  
Max: 85.3 %

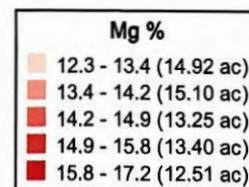


Mg % - Soil Test - 2025



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Min: 12.3 %  
Avg: 14.5 %  
Max: 17.2 %



Vernon Home W  
69.18 ac

K % - Soil Test - 2025

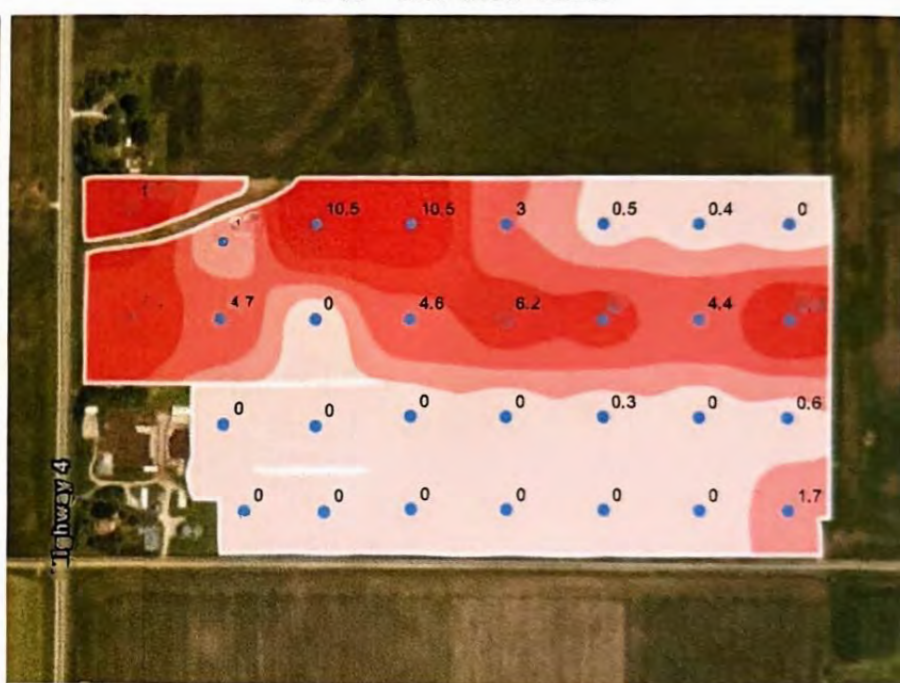


Maxar | Esri Community Maps Contributors, Iowa DNR, © OpenSt... Powered by Esri

Min: 1.5 %  
Avg: 3.01 %  
Max: 10 %

K %	
1.5 - 2.28	(31.14 ac)
2.28 - 3.27	(24.77 ac)
3.27 - 4.74	(3.88 ac)
4.74 - 6.93	(5.91 ac)
6.93 - 10	(3.47 ac)

H % - Soil Test - 2025



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Min: 0 %  
Avg: 2.66 %  
Max: 10.5 %

H %	
0 - 3.02	(10.14 ac)
3.02 - 5.26	(12.11 ac)
5.26 - 7.93	(9.21 ac)
7.93 - 10.5	(5.32 ac)





[REDACTED]

[REDACTED]

Fiscel

142.45 ac

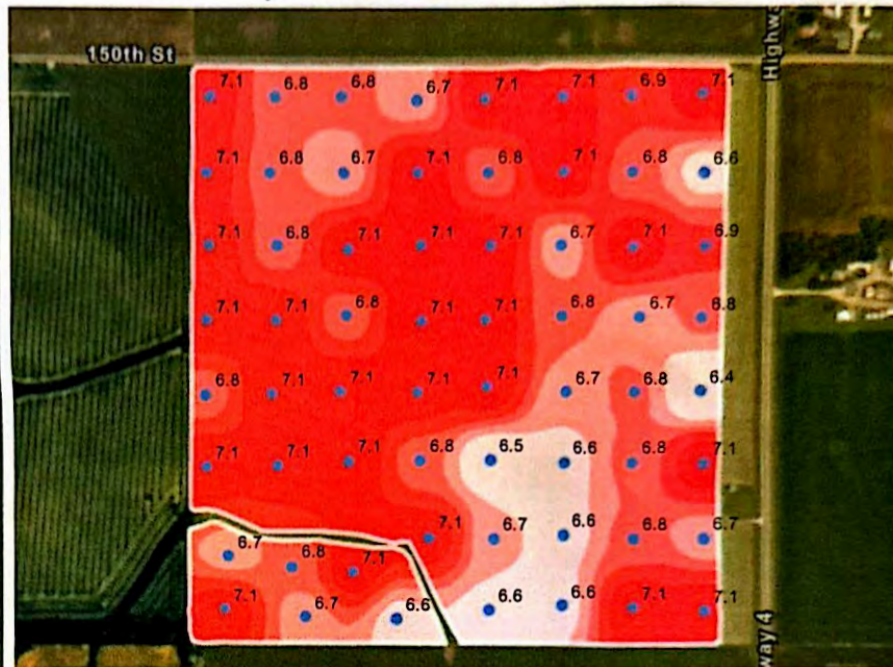
Fiscel  
142.45 ac

pH - Soil Test - 2023



Min: 5.4  
Avg: 6.63  
Max: 7.6

pH Buffer - Soil Test - 2023

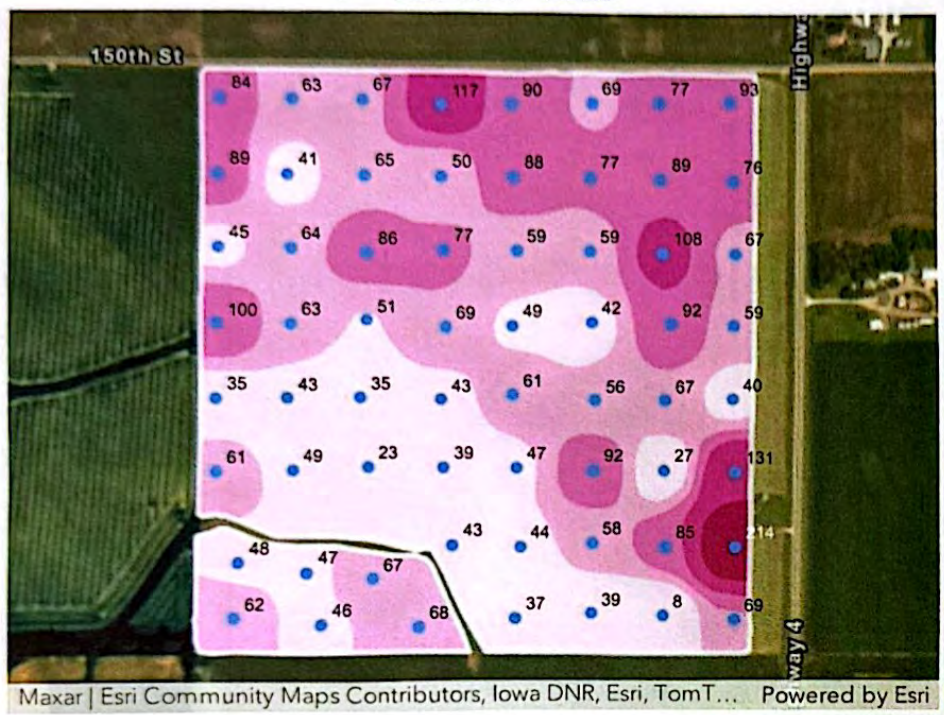


Min: 6.4  
Avg: 6.9  
Max: 7.1



Fiscel  
142.45 ac

P - Soil Test - 2023

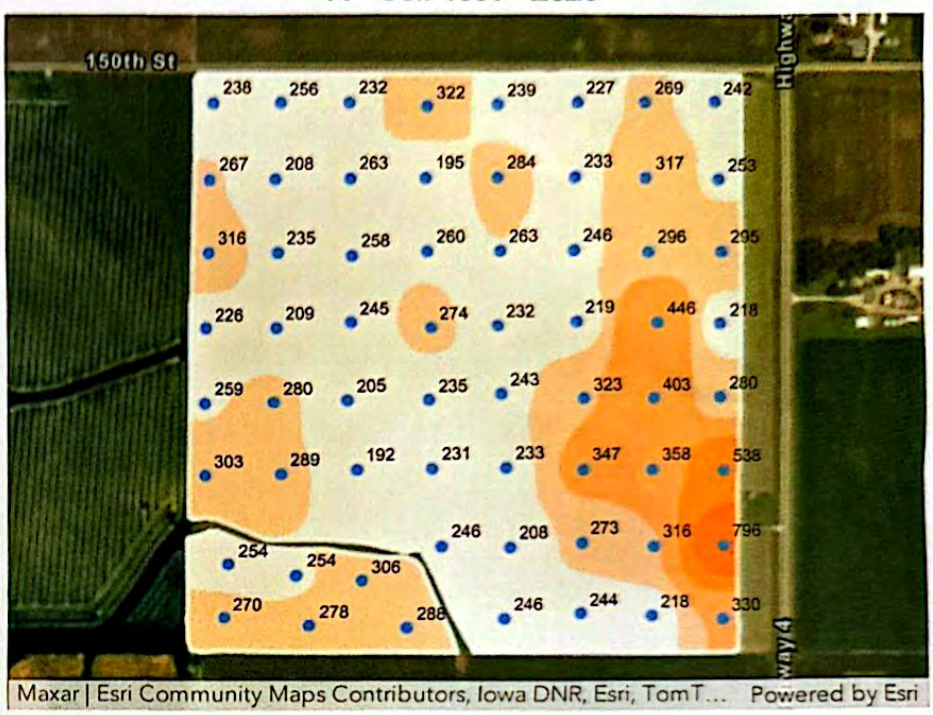


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Min: 8 ppm  
Avg: 65.2 ppm  
Max: 214 ppm

P-Bray 1 (ppm)	
8 - 52 (47.10 ac)	
52 - 72 (54.10 ac)	
72 - 97 (34.41 ac)	
97 - 148 (5.36 ac)	
148 - 214 (1.48 ac)	

K - Soil Test - 2023



Maxar | Esri Community Maps Contributors, Iowa DNR, Esri, TomT... Powered by Esri

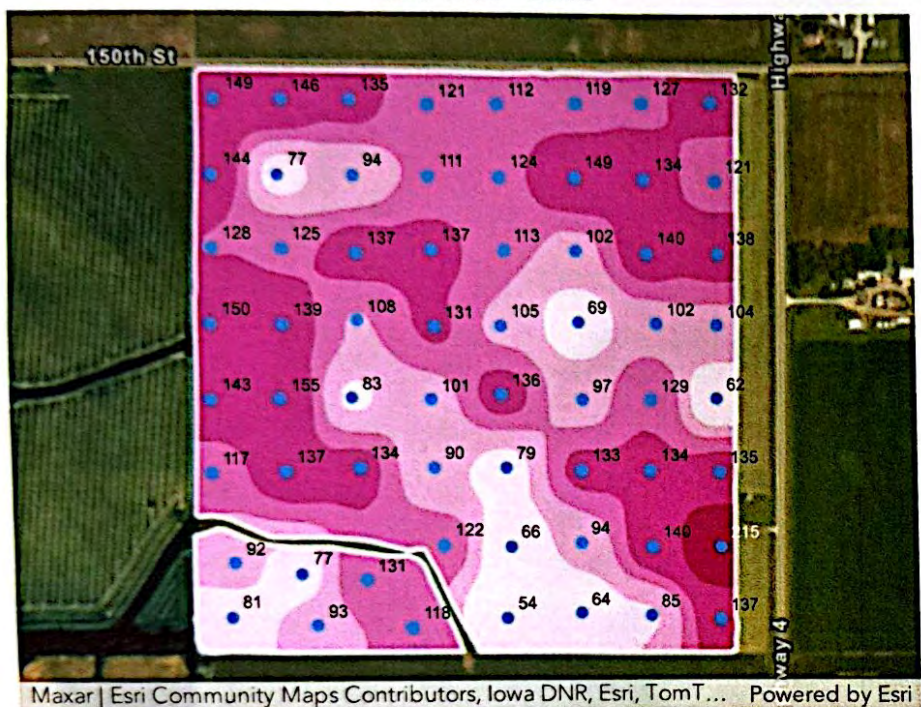
Min: 192 ppm  
Avg: 278 ppm  
Max: 796 ppm

K (ppm)	
192 - 263 (83.75 ac)	
263 - 328 (42.82 ac)	
328 - 447 (12.29 ac)	
447 - 621 (2.37 ac)	
621 - 796 (1.22 ac)	

[Redacted]

Fiscel  
142.45 ac

# P - Soil Test - 2023



Min: 54 ppm  
Avg: 117 ppm  
Max: 215 ppm

P-Bray 2 (ppm)	
54 - 87	(18.50 ac)
87 - 109	(31.09 ac)
109 - 128	(48.64 ac)
128 - 164	(42.47 ac)
164 - 215	(1.75 ac)



[Redacted]

Fiscel  
142.45 ac

# P - Soil Test - 2023



Min: 26 ppm  
Avg: 45.3 ppm  
Max: 66 ppm

P-Olsen (ppm)	
26 - 33.3	(22.99 ac)
33.3 - 40.3	(23.44 ac)
40.3 - 48.1	(67.67 ac)
48.1 - 56.8	(13.69 ac)
56.8 - 66	(14.67 ac)



Fiscel  
142.45 ac

CEC - Soil Test - 2023



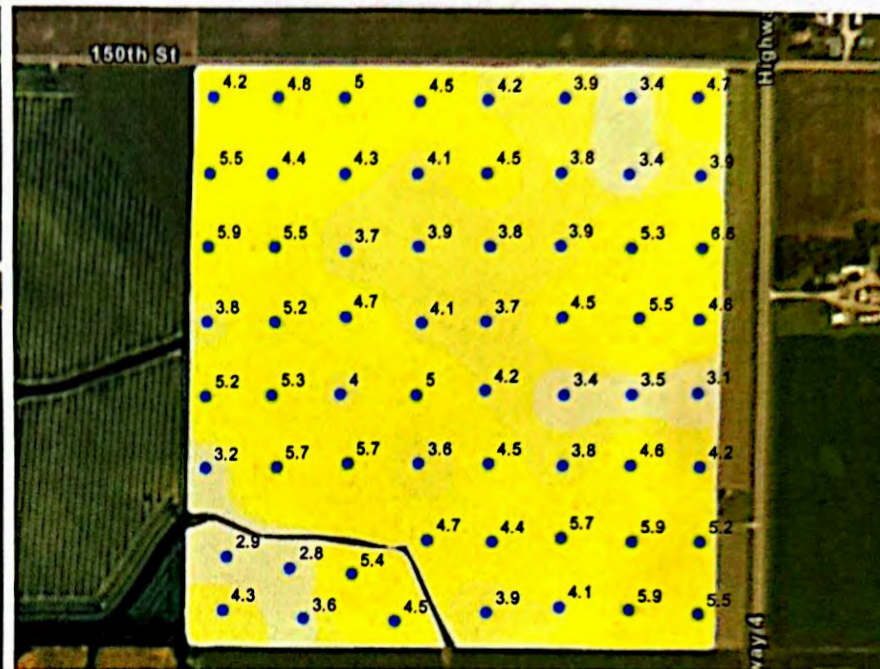
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Min: 14.1 meq/100g  
Avg: 20.8 meq/100g  
Max: 31.5 meq/100g

**CEC (meq/100g)**

14.1 - 17.5 (31.18 ac)
17.5 - 19.8 (33.05 ac)
19.8 - 22.5 (34.44 ac)
22.5 - 25.9 (28.08 ac)
25.9 - 31.5 (15.70 ac)

OM - Soil Test - 2023



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Min: 2.8 %  
Avg: 4.46 %  
Max: 6.6 %

**OM (%)**

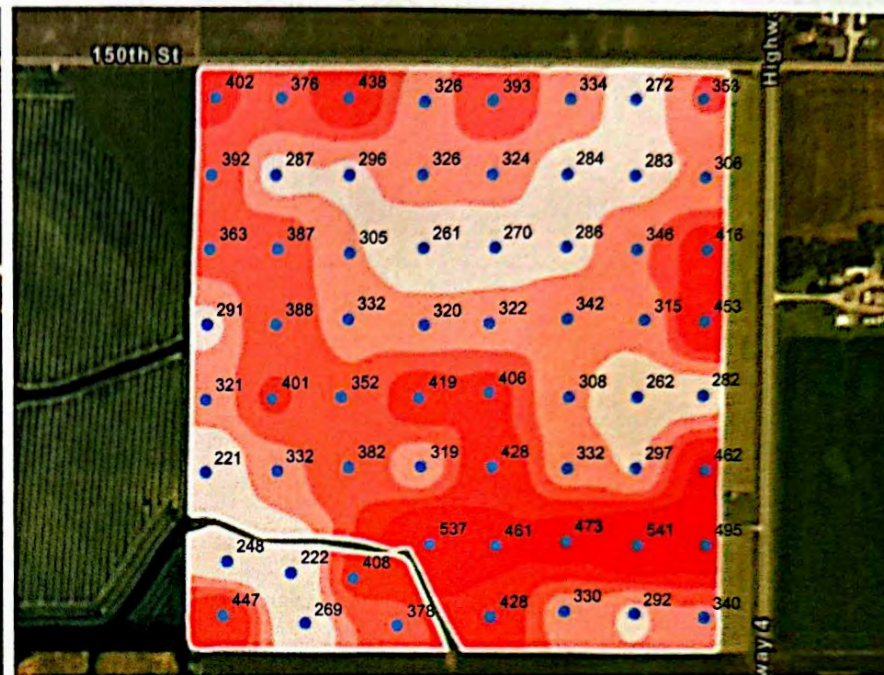
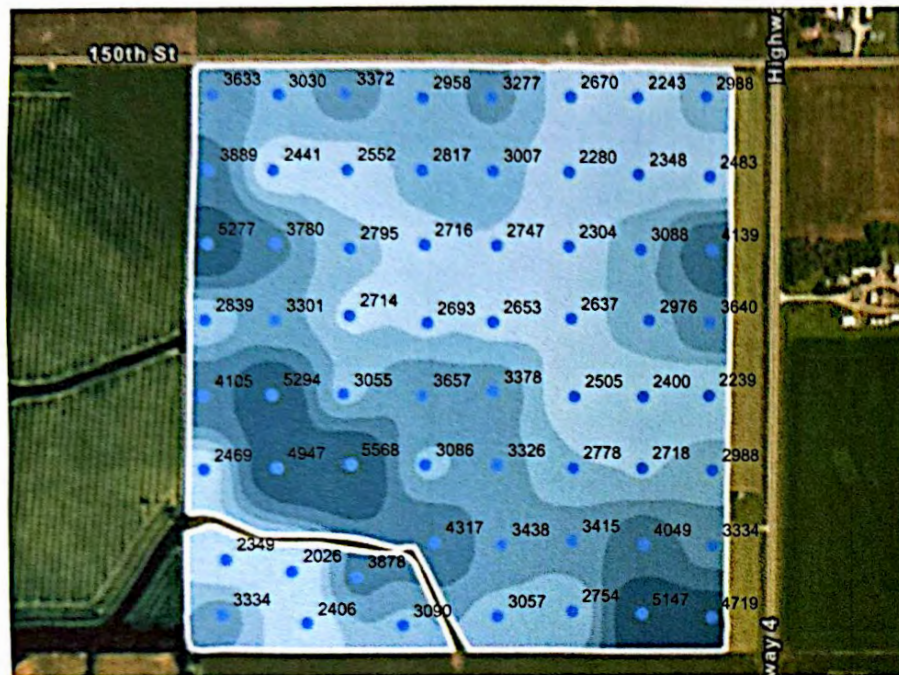
2.8 - 3.7 (14.88 ac)
3.7 - 4.23 (43.46 ac)
4.23 - 4.76 (41.97 ac)
4.76 - 5.34 (24.37 ac)
5.34 - 6.6 (17.77 ac)



Fiscel  
142.45 ac

Ca - Soil Test - 2023

Mg - Soil Test - 2023



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Min: 2,026 ppm  
Avg: 3,208 ppm  
Max: 5,568 ppm

Ca (ppm)

2,026 - 2,764 (44.86 ac)
2,764 - 3,187 (39.20 ac)
3,187 - 3,709 (31.65 ac)
3,709 - 4,457 (15.61 ac)
4,457 - 5,568 (11.13 ac)

Mg (ppm)

221 - 304 (31.27 ac)
304 - 349 (46.37 ac)
349 - 395 (34.42 ac)
395 - 449 (20.42 ac)
449 - 541 (9.96 ac)

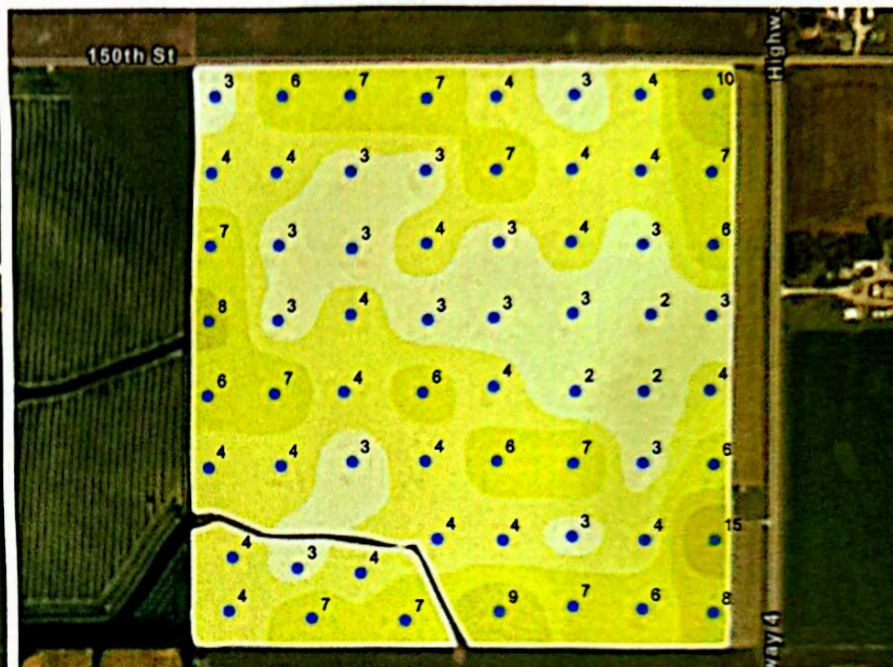
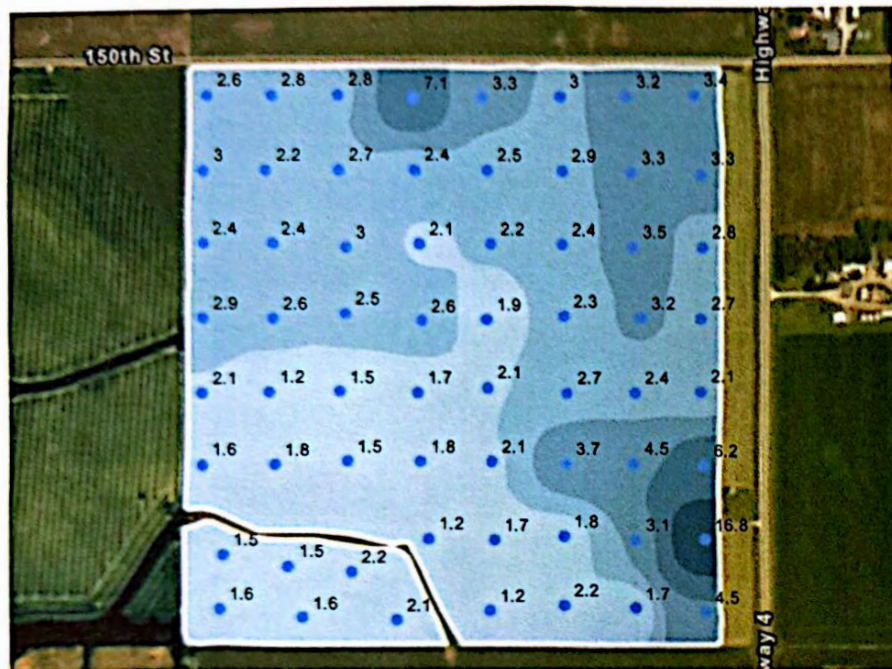
Min: 221 ppm  
Avg: 352 ppm  
Max: 541 ppm



Fiscel  
142.45 ac

Zn - Soil Test - 2023

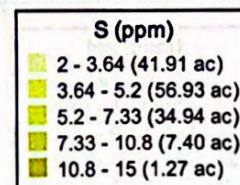
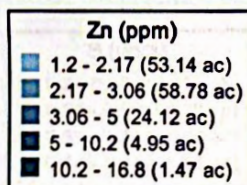
S - Soil Test - 2023



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Min: 1.2 ppm  
Avg: 2.79 ppm  
Max: 16.8 ppm

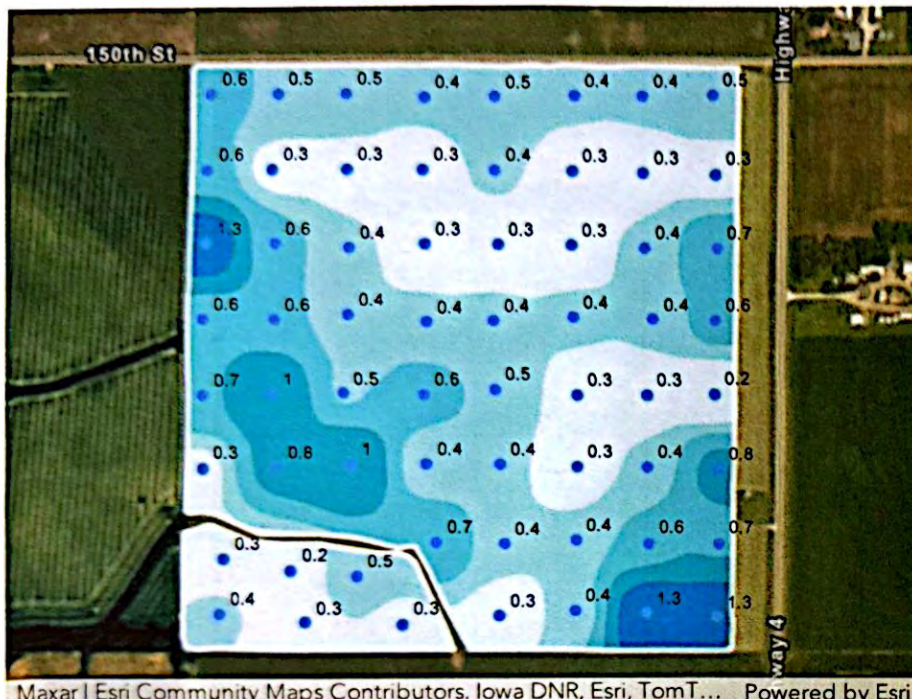


Min: 2 ppm  
Avg: 4.81 ppm  
Max: 15 ppm



Fiscel  
142.45 ac

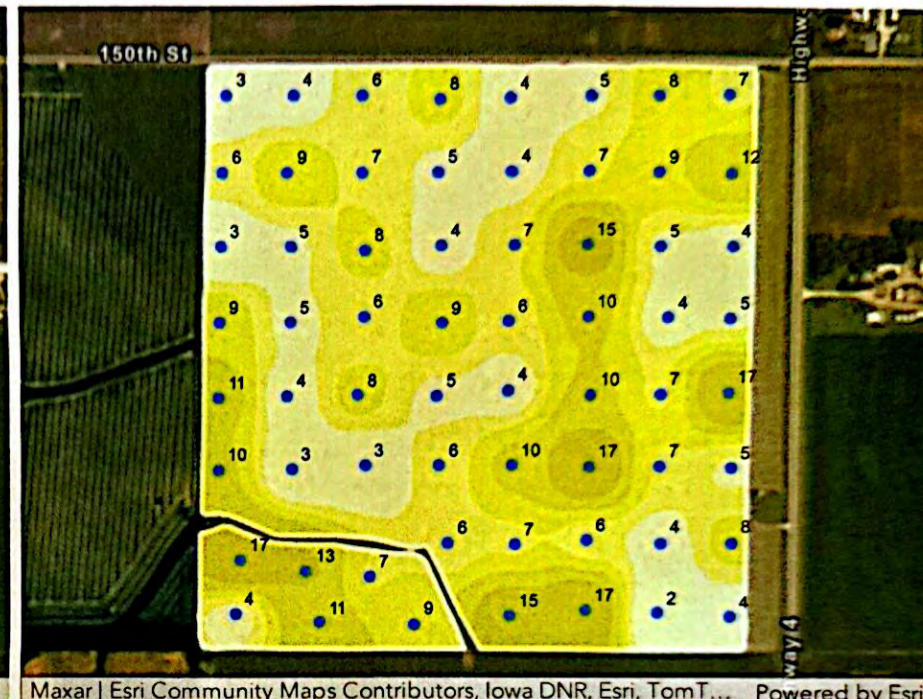
B - Soil Test - 2023



Min: 0.2 ppm  
Avg: 0.5 ppm  
Max: 1.3 ppm

B (ppm)	
0.2 - 0.38	(46.49 ac)
0.38 - 0.53	(54.78 ac)
0.53 - 0.74	(26.00 ac)
0.74 - 1.03	(10.72 ac)
1.03 - 1.3	(4.46 ac)

Mn - Soil Test - 2023



Min: 2 ppm  
Avg: 7.4 ppm  
Max: 17 ppm

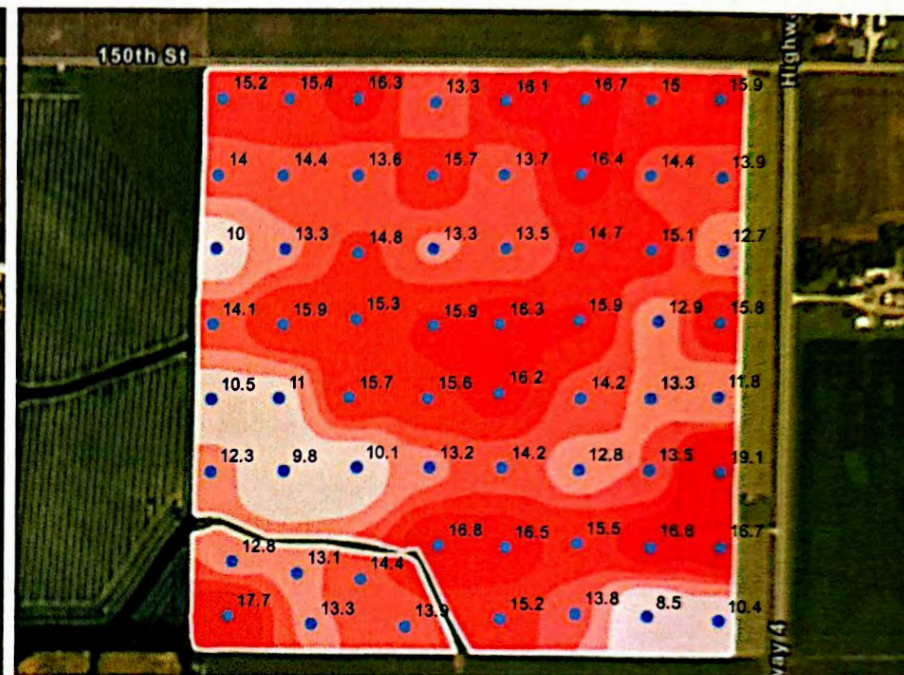
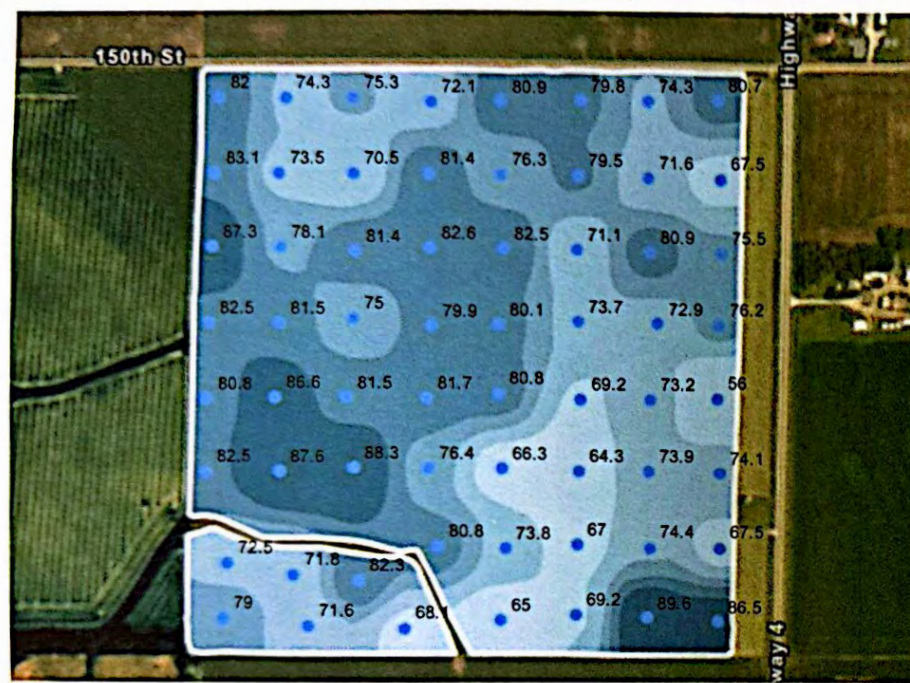
Mn (ppm)	
2 - 5.43	(39.98 ac)
5.43 - 7.31	(43.42 ac)
7.31 - 9.42	(30.97 ac)
9.42 - 12.6	(17.80 ac)
12.6 - 17	(10.28 ac)



Fiscel  
142.45 ac

Ca % - Soil Test - 2023

Mg % - Soil Test - 2023



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Min: 56 %  
Avg: 76.6 %  
Max: 89.6 %

Ca %	
56 - 70.1 (17.78 ac)	
70.1 - 75 (39.77 ac)	
75 - 78.9 (29.76 ac)	
78.9 - 83.5 (42.43 ac)	
83.5 - 89.6 (12.72 ac)	

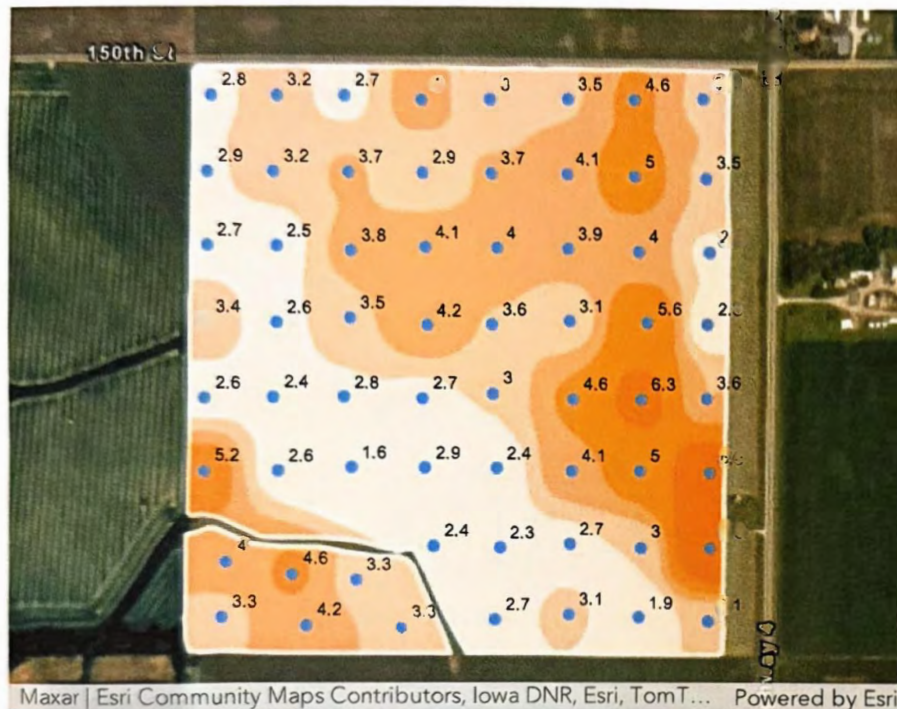
Mg %	
8.5 - 11.8 (13.67 ac)	
11.8 - 13.5 (21.76 ac)	
13.5 - 14.7 (42.39 ac)	
14.7 - 15.8 (42.87 ac)	
15.8 - 19.1 (21.76 ac)	

Min: 8.5 %  
Avg: 14.3 %  
Max: 19.1 %

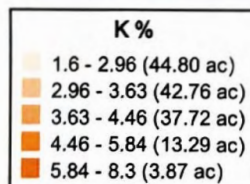


Fiscel  
142.45 ac

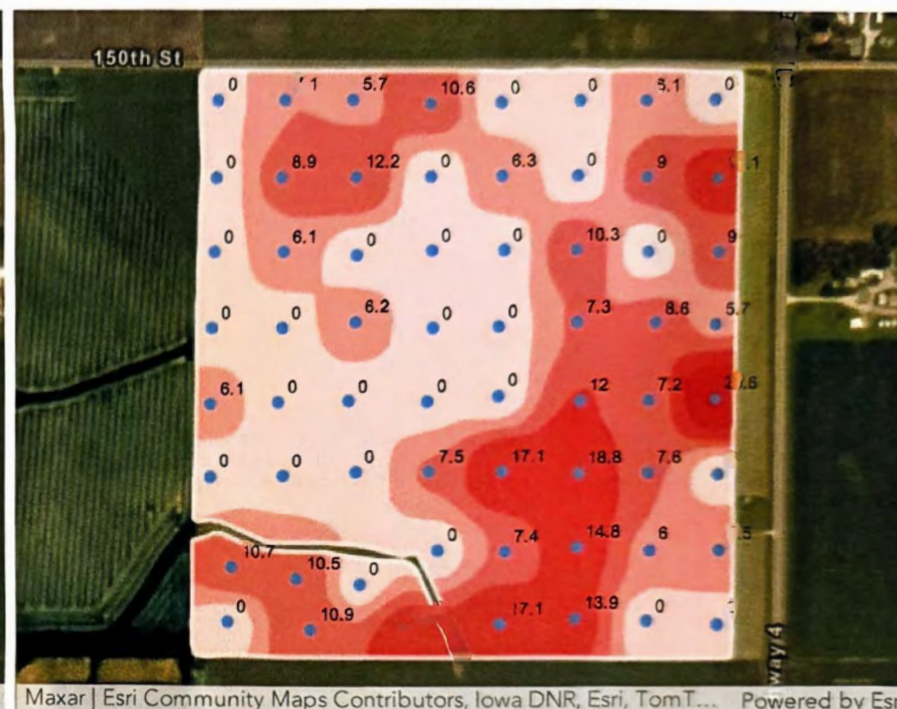
K % - Soil Test - 2023



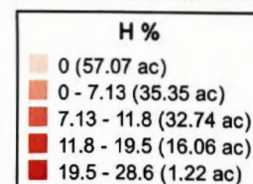
Min: 1.6 %  
Avg: 3.54 %  
Max: 8.3 %



H % - Soil Test - 2023




Min: 0 %  
Avg: 5.6 %  
Max: 28.6 %





# SOIL ANALYSIS

Submitted by  
**WILLOW CREEK CUSTOM INC**  
**2091 HWY 141**  
**BAYARD, IA 50029**

Submitted For  


Date Sampled  
**11/6/2024**

Date Received  
**06-Nov-2024**

Date Reported  
**08-Nov-2024**



Laboratory Sample #  
**DA36132 - DA36141**

Information Sheet #  
**1106-67**

Account Number  
**EW50029101**

Field  
**EXUM**

Signup Id:

Field Id: **EXUM**

Sample Id	Soil pH	Buffer pH	Sol. Salt	OM	Phosphorus				Wet K	K	Mg	Ca	S	Zn	Mn	Cu	Fe	B	CEC	% Base Saturation				
					Bray 1	Bray 2	Olsen	M3												H	K	Mg	Ca	Na
				%	ppm										% % % % %									
163	6.1	6.6		2.3				50		182	230	1700							18.1	39.8	2.6	10.5	46.9	0.2
164	5.9	6.6		2.7				32		149	239	1924							19.5	38.3	2.0	10.1	49.4	0.2
165	6.3	6.7		4.1				54		174	409	2824							24.9	27.9	1.8	13.5	56.6	0.3
166	6.8	7.0		4.2				54		173	331	3526							24.9	16.3	1.8	10.9	70.8	0.1
167	6.8	6.9		3.7				29		128	329	2622							21.1	23.7	1.5	12.8	61.9	0.2
168	6.5	6.8		3.6				22		176	456	3354							26.7	21.4	1.7	14.0	62.7	0.2
169	6.3	6.6		2.4				21		139	250	1761							18.6	39.4	1.9	11.1	47.3	0.2
170	6.5	6.7		4.1				55		234	335	3157							25.6	25.4	2.3	10.7	61.4	0.1
171	6.0	6.4		3.3				30		226	280	2631							25.2	36.3	2.3	9.1	52.1	0.2
Average	6.4	6.7	---	3.4	---	---	---	39	---	176	318	2611	---	---	---	---	---	---	22.7	29.8	2.0	11.4	56.6	0.2

DISCLAIMER: Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.

Page 1 of 1



## Sample Pts.



Grower - Name : [REDACTED]

Farm - Name : Exum

Field - Name : South

Field - Area : 78.13 ac

Date Sampled : 11/12/2024



# SOIL ANALYSIS

Submitted by  
**WILLOW CREEK CUSTOM INC**  
**2091 HWY 141**  
**BAYARD, IA 50029**

Submitted For

Date Sampled  
**10/28/2020**



Date Received  
**28-Oct-2020**

Laboratory Sample #  
**BY16355 - BY16364**

Account Number  
**EW50029101**

Field

Date Reported  
**30-Oct-2020**

Information Sheet #  
**S1028-384**

Signup Id: Field Id: **EXUM**

Sample Id	Soil pH	Buffer pH	Sol. Salt	OM	Phosphorus				Wet K	K	Mg	Ca	S	Zn	Mn	Cu	Fe	B	CEC	% Base Saturation				
					Bray 1	Bray 2	Olsen	M3												H	K	Mg	Ca	Na
					%															%				
				ppm										%					%					
647	6.0	6.8		2.6				96		238	279	2270							20.3	29.4	3.0	11.3	55.9	0.3
648	5.3	6.5		3.3				56		181	271	2299							22.8	37.7	2.0	9.8	50.3	0.3
649	6.1	6.7		4.6				94		182	415	3367							27.5	24.4	1.7	12.4	61.2	0.3
650	6.5	6.9		5.0				93		176	399	4363							30.3	15.7	1.5	10.8	71.8	0.2
651	5.7	6.5		4.9				78		184	404	3492							29.5	28.0	1.6	11.3	59.0	0.2
652	6.1	6.8		3.8				37		132	384	3364							25.9	21.6	1.3	12.2	64.7	0.2
653	5.5	6.5		2.5				34		130	263	1884							20.4	41.3	1.6	10.6	46.1	0.3
654	5.8	6.5		5.2				99		272	331	3478							28.8	27.7	2.4	9.5	60.3	0.2
655	5.1	6.2		3.7				58		196	241	2087							23.6	45.3	2.1	8.4	44.1	0.2
Average	5.8	6.6	----	4.0	----	----	----	72	----	188	332	2956	----	----	----	----	----	----	25.5	30.1	1.9	10.7	57.0	0.2

**DISCLAIMER:** Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.



## Sample Pts.



Grower - Name : [REDACTED]

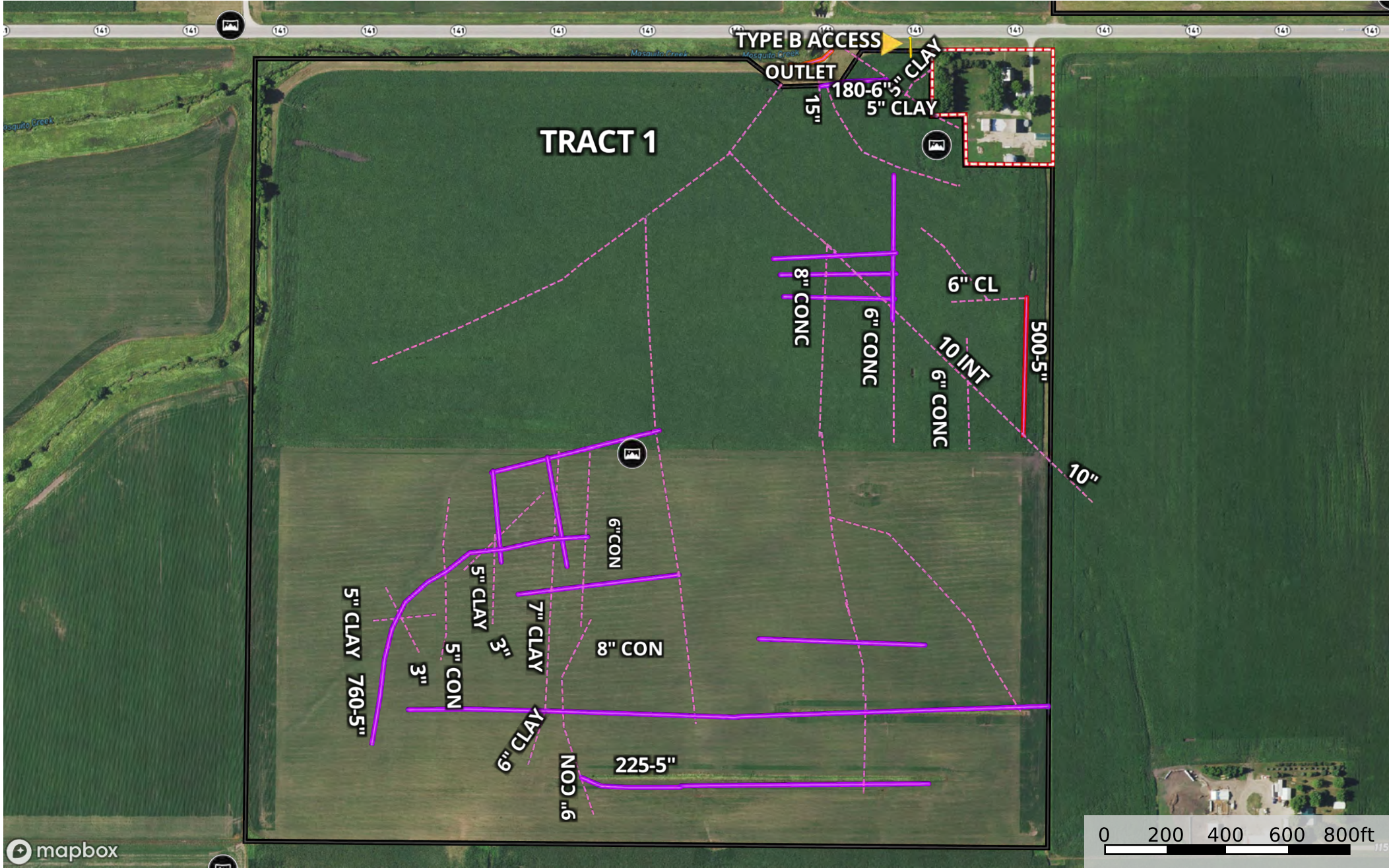
Farm - Name : Exum

Field - Name : South

Field - Area : 78.13 ac

Date Sampled : 11/3/2020





Panoramic View

Tile

Pipeline

Tile 1

Tile

Outlet

Tile 1

Tile

Tile 1

Tile

Tile 1

Tile

Tile 1

Tile 2

Tile 1

Tile 5

Tile 6

Tile

Tile 4

Tile 1 1 1

Direction

Primary Road

Boundary

Boundary 6 1

Boundary 5 1

Boundary 7 1

Boundary 4 1

Boundary 8 1

Boundary 3 1

Boundary 2 1

Boundary 1 1



Chulavita  
Renkroo Place

N

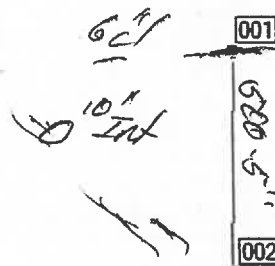
Bldgs

ps Waypoints(6) Routes Tracks(3)

Show waypoints in category:

All Categories

Name /	Comment	Position
001		N41 50.809 W94 27.283
002		N41 50.744 W94 27.283
003		N41 51.766 W94 20.821
004		N41 51.698 W94 20.765
005		N41 51.686 W94 20.750
006		N41 51.683 W94 20.696



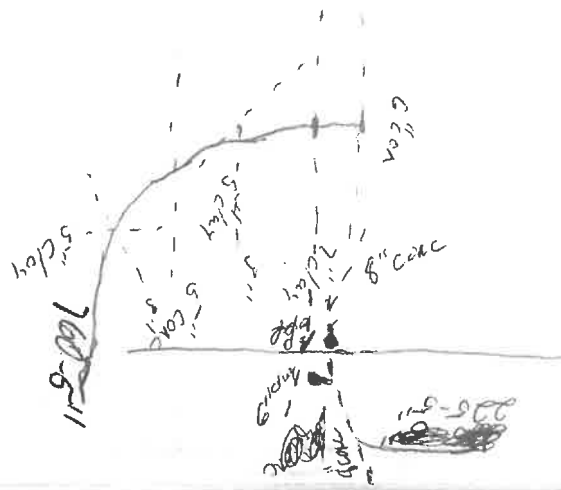
300 ft

Items Selected Lat/Lon hddd°mm.mmm'(WGS 84)

11/4/95  
C. K. L. / K. L. / K. L.

1000000

1000000



N

1322



Vernor C  
Kerlow



SUBSURFACE DRAIN INSTALLATION REPORT

Farm Owner Vernon Chaloupka Operator Same  
9 Sec Dodge T 6 R Cuthbert County 11-22-97 Date           
Tract No.          Field No.         

Outlet Used for Drain

a. Existing Tile ✓ Size 6 Condition excellent  
Size 8 Condition " "

b. Open Ditch         

New Metal Pipe Installed:

Size	Length	Discharge Height Above Normal Water Surface in Channel	Type of Rodent Control Guard

are manufactured by:

Manufacturer	Sizes	Type & Quality*

Plastic, Standard Quality; Concrete, Extra Quality; etc.

Manufactured ✓ Fitted and Cemented         

Intake: Number 4 Type Hidden bottom Size 6x8

Orifice: Type          Size         

I certify that this practice has been constructed as shown on the reverse side.  
Checkout notes are attached if grade is 0.2% or flatter.

Contractor Dale Sal Date 11-22-97

7-888  
no plan  
some file  
info



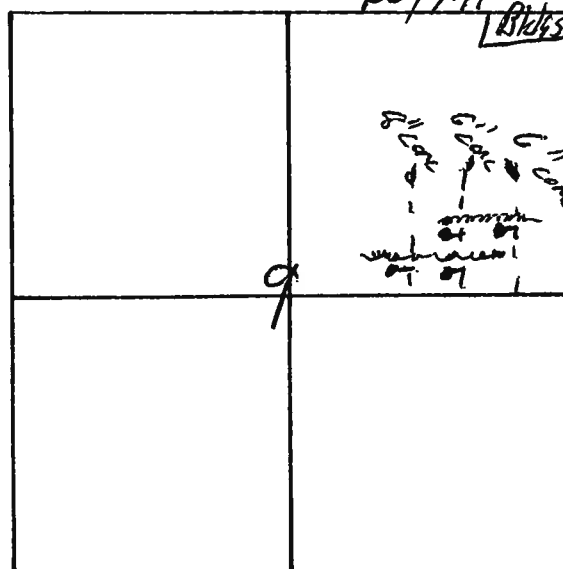


### Installation Information:

[illegible]

Line No.					
Size					
Length					
Acres used for design					
Drainage Coefficient					
Grade					
Max. Depth					
Min. Depth					
Trench Width or Method					
Type of Bedding					
No. of T's and Y's					

### Location Map



## North

**Show Section Center or Corner, Roads & Buildings.**

### Sketch of Tile System

Iowa-14  
1-19-62

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

Tile Certification and Location Record\*

OWNER EVERETT KENFROW LEGAL DESCRIPTION Sec. 9  
135 E

Tile Installed			Outlet Pipe Used		
Size	Length	Approx Grade	Size	Length	Material
5"	2350 ft	0.20% min			

I certify that I have installed the above amounts of tile on the above named farm and to the best of my knowledge they meet ACP specifications. (See sketch)

Contractor Ray Middleton Date 2 Dec 1965

I certify that the above amounts of tile have been installed on my farm.

Farmer Everett Kenfrow Date 12-9-65

RT 141 N

BLDGE

Amounts Approved:  
(to be completed by SCS)

2350 Rods 5" Tile

\_\_\_\_\_ Rods \_\_\_\_\_ Tile

\_\_\_\_\_ Rods \_\_\_\_\_ Tile

\_\_\_\_\_ Feet \_\_\_\_\_ Pipe

Technician [Signature]

Date 12-13-65

\* This record sheet is to be used on jobs where permission has been given to the contractor to proceed with the design and layout of the proposed tile system. This normally will be for hill side seeps and waterway tile where the grades are greater than 1%. However it may be used for jobs on flatter grades if the contractor completes the necessary survey and design. All jobs will be subject to checking by the Soil Conservation Service before approval is given for cost-sharing.



Iowa-14  
1-19-62

T-888

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

Tile Certification and Location Record\*

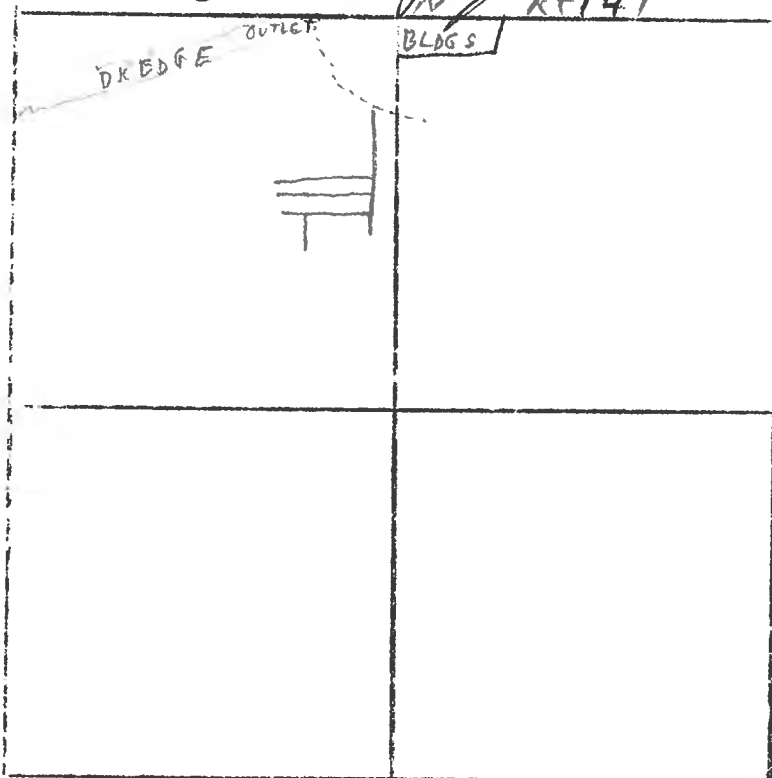
ACP 135  
OWNER Errett Renfrow LEGAL DESCRIPTION T81 R31-9

Tile Installed			Outlet Pipe Used		
Size	Length	Approx Grade	Size	Length	Material
5"	2625 ft	0.20% MIN			
6"	900 ft	0.20% MIN			

I certify that I have installed the above amounts of tile on the above named farm and to the best of my knowledge they meet ACP specifications. (See sketch)

Contractor Ray Middleton, Ex. 125, S. 1 Date 28 April 1965

I certify that the above amounts of tile have been installed on my farm.  
Farmer- Errett Renfrow Date 28 April 1965



Amounts Approved:  
(to be completed by SCS)

900 Rods 6" Tile

2625 Rods 5" Tile

E Rods Tile

Feet Pipe

Technician J. H. [Signature]

Date 5-21-65

\* This record sheet is to be used on jobs where permission has been given to the contractor to proceed with the design and layout of the proposed tile system. This normally will be for hill side seeps and waterway tile where the grades are greater than 1%. However it may be used for jobs on flatter grades if the contractor completes the necessary survey and design. All jobs will be subject to checking by the Soil Conservation Service before approval is given for cost-sharing.

#8739 Putrills

29 April 1980

Mrs. Everett R. Putrills

Bagley Iowa

IN ACCOUNT WITH

Mc Gee, Inc.

~~Yale Excavating & Service Co.~~

PHONE 439-2449

BOX 231

YALE, IOWA

FIELD TILING - WATER LINES - DRAINS - SEPTIC TANKS - BASEMENTS

FOOTINGS - TERRACE INLET TILE

301 ft. 10" tile, tiling & backfill \$ 630.00

1470 ft. 8" tile, tiling & backfill 2131.50

Function & hook up old tiles 55.00

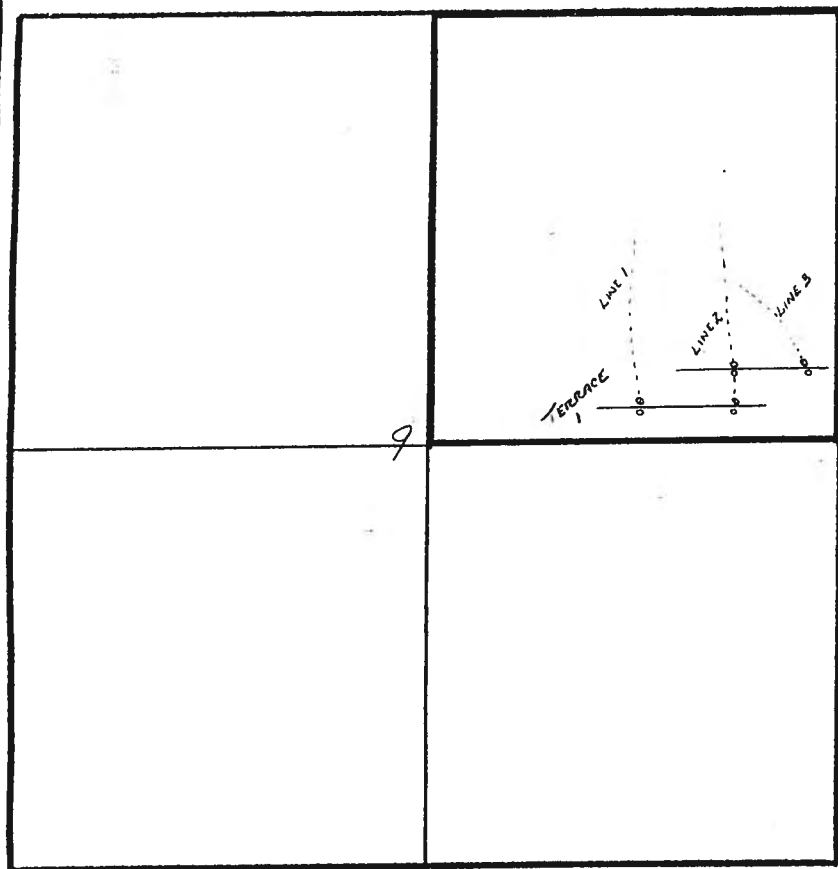
Total 2816.50

Paid 5/22/80  
Mc Gee, Inc.

4823  
1770  
3053

1 1/2% per month or 18% annually charged on all purchases after 10 days.





Scale: 1" = 1,320'

DODGE

## Location Map

Materials and Construction shall be in accordance with Construction Specification for Underground Outlets (Iowa Std. 620)

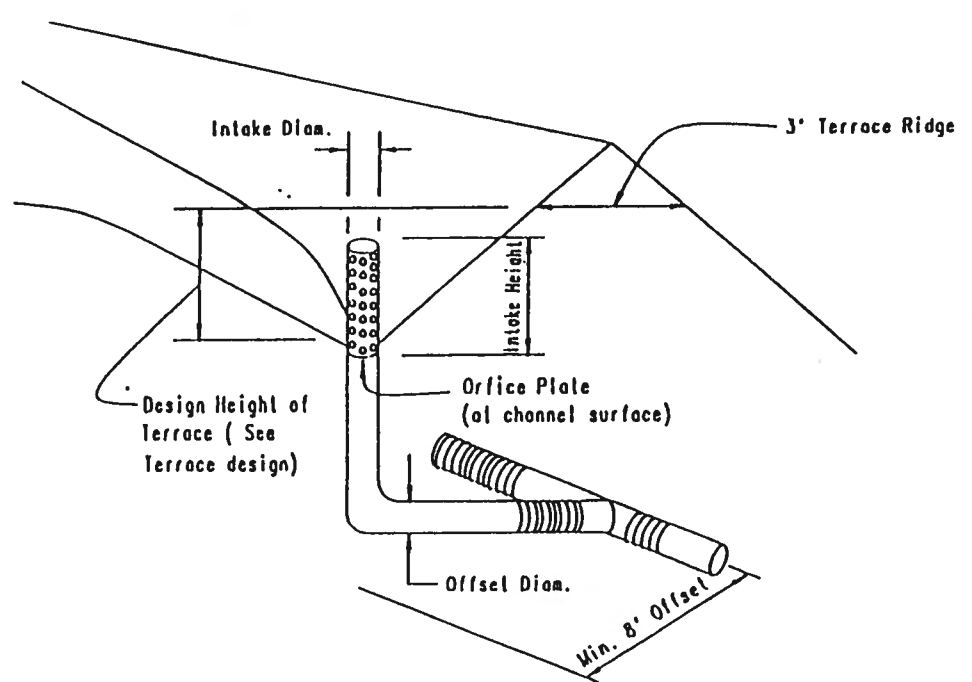
Iowa Standard Drawing	
Underground Outlet	
Standard Drawing No. 854	
DATE: 7-95	Sheet 1 of 2

I Certify that I have installed the materials as shown on the tables on sheet 2, and that they have been installed in accordance with the plans and specifications.

Contractor

Date

CALL IOWA  
AT LEAST 48 HRS  
BEFORE YOU  
1-800-292-8989



At least 48 hours prior to performing any excavation, the contractor is responsible for notifying Iowa One Call to locate utilities. Call 1-800-292-8989.

Is a cultural resource located near the project (e.g. archeological)?

YES

NONE KNOWN

If YES, Describe:

If a cultural resource is identified during construction, immediately notify the Cultural Resource Coordinator for the Natural Resources Conservation Service (515-284-4172)

OWNER FRANCIS CHALOUPIKA  
LOCATION DODGE SEC. 9 T 8 LN, R 3 L W  
GUTHRIE COUNTY, IOWA

U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE

Designed <u>font</u>	Date <u>7/5/97</u>	Approved by <u>[Signature]</u>
Drawn <u>font</u>	Date <u>7/5/97</u>	Title <u>SC7</u>
Staked <u>[Signature]</u>	Sheet No. <u>01</u>	Drawing No.
Checked <u>[Signature]</u>		

[illegible]

Relief Well :

Line	Dia. Designed	Dia. Installed
1	10" RELIEF	
1	8" RELIEF	
	(2) 6" RELIEFS	

25<sup>94</sup> AC/IN.  
16<sup>66</sup> AC/IN  
② 9.28 AC/IN

Drain Material		
Manufacturer	Size	Type

DURING HEAVY RAINFALL THE  
DOWN STREAM TILE LINES MAY  
BECOME FLOODED.

- ADD 10"  
RELIEF

Type of Outlet :

Open ditch \_\_\_\_ Existing tile \_\_\_\_  
Other \_\_\_\_\_

LINE 2 + 3 COMBINE  
29' AC/IN

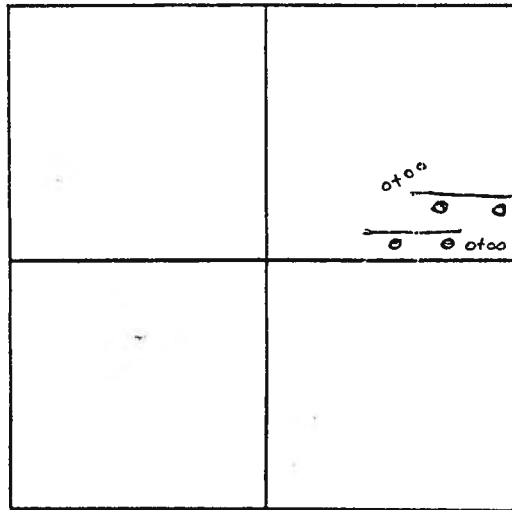
Outlet Material		
Manufacturer	Size	Type

 Contractor is to fill out shaded columns.

Line No.	Reach No.	Station to Station	Req'd. Capacity Ac. In.	Length of line		Tile Size		Tile grade		Design Capacity Ac. In.	Tile Installation Data		
				Designed	Installed	Designed	Installed	Designed	Installed		Min. Depth	Max. Depth	Trench Width
1	1	0+00 16+00	18 <sup>8</sup>	1100		10		0 <sup>5</sup> %		27 <sup>0</sup>			
2	1	0+00 3+60	9 <sup>7</sup>	360		6"		2 <sup>4</sup> %		18 <sup>8</sup>	6" RELIEF		
2	2	3+60 10+60	19 <sup>4</sup>	700		6"		0 <sup>9</sup> %		11 <sup>5</sup>	8" RELIEF		
3	1	0+00 6+50	9 <sup>7</sup>	650		6"		0 <sup>9</sup> %		11 <sup>5</sup>	6" RELIEF		



Location Map  
(Show section center or corner)



## DESIGN DETAILS

Terrace No.	Terrace Type	Length	Front Slope	Back Slope	% Settle	Cut Slope	Fill Cu. Yard
1	FF	1250'	5-1	2-1	5%	10-1	4734
2	FF	800'	5-1	2-1	5%	10-1	2067

## SPECIAL CONSTRUCTION NOTES

Topsolling required: YES ☒ NO

## OPERATION AND MAINTENANCE REQUIREMENTS

1. Remove sediment build-up in the terrace channel to maintain the required capacity.
2. Repair sections of the terrace which have eroded or have excessive settlement.
3. Reseed and fertilize as needed to maintain good vegetation.
4. Fill any settled or eroded areas in the tile trench.
5. Repair or replace any damaged tile intakes.
6. Remove sediment build-up around the intake to insure that the terrace will drain toward the inlet.
7. Remove trash from around and in the tile intake.
8. Implement rodent control procedures if rodents are a problem.
9. Control weeds, brush, and trees by mechanical methods or chemicals.
10. Do not operate farm equipment on steep frontslopes and/or backslopes.

Are utilities present near the site? YES ☒ NO  
If YES, Describe: \_\_\_\_\_

Is a cultural resource located near the project?  
(e.g.: archeological site) YES ☒ NO  
If YES, Describe: \_\_\_\_\_

If a cultural resource is identified during construction,  
immediately notify the Soil Conservation Service.

*Note*  
\* The 6' Top on #1  
is only required from  
Sta. 700 to 900

Owner Francis Chaloupka  
Location Dodge Sec 9 T   N, R   W  
Guthrie County, Iowa

U.S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

Designed <u>[Signature]</u>	Date <u> </u>	Approved by <u> </u>
Drawn <u> </u>		Title <u> </u>
Staked <u> </u>		Title <u> </u>
Checked <u> </u>		Sheet No. <u> </u>
		Drawing No. <u> </u>

I certify that this practice has been  
constructed in accordance with the  
plans and specifications and the  
attached checkout notes.

Contractor \_\_\_\_\_

Date \_\_\_\_\_

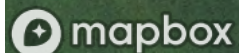
IOWA STANDARD DRAWING

TERRACE PLAN

STANDARD DRAWING NO. 652

DATE: 5-91

SHEET 1 OF 2





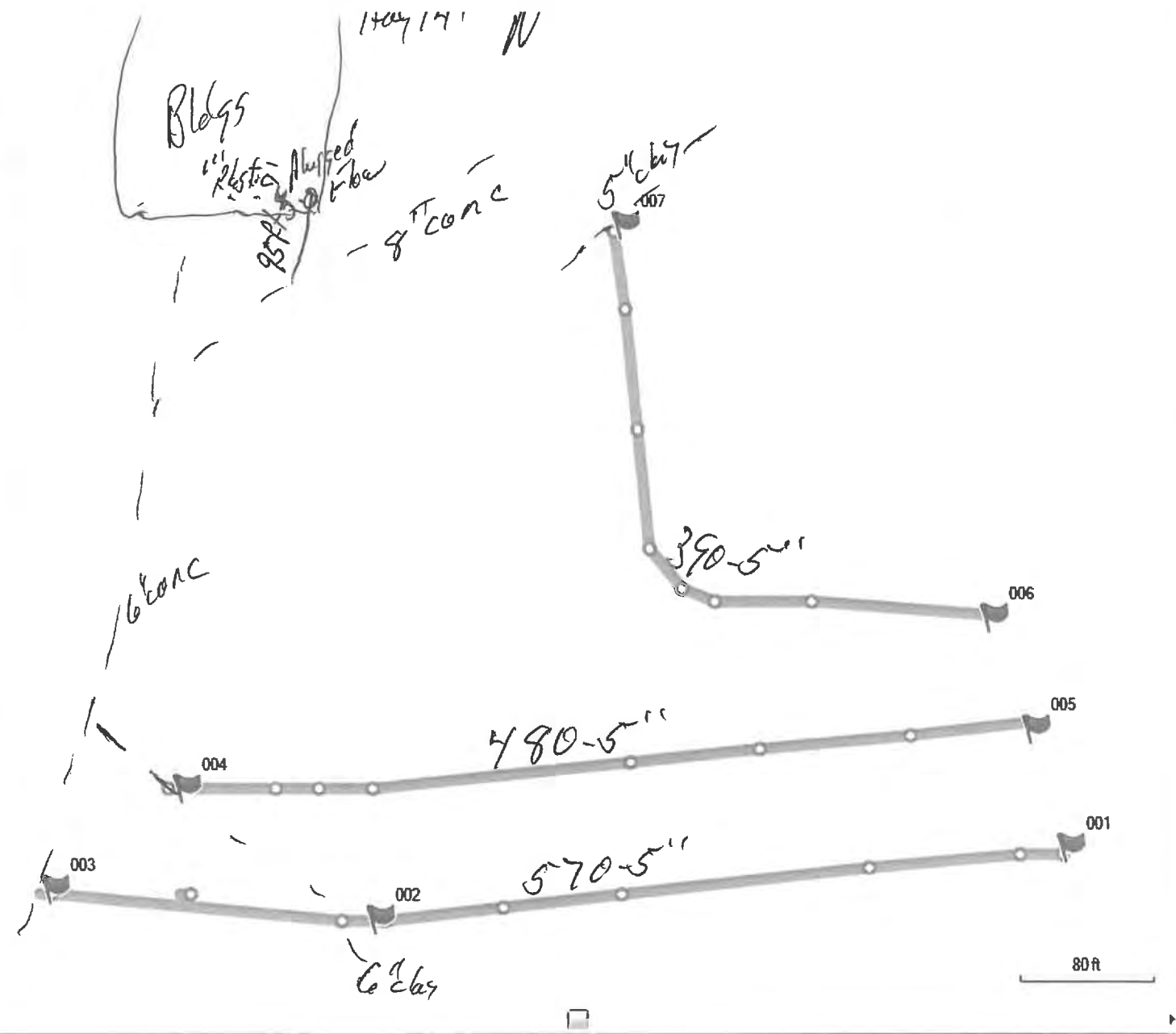
Vernon  
Wagner Farm

aps Waypoints(7) Routes Tracks(9)

Show waypoints in category:

All Categories

Name	Comment	Position
001		N41 50.810 W94 26.695
002		N41 50.803 W94 26.778
003		N41 50.805 W94 26.817
004		N41 50.815 W94 26.801
005		N41 50.821 W94 26.699
006		N41 50.832 W94 26.704
007		N41 50.870 W94 26.747



Items Selected Lat/Lon hddd\*mm.mmm'(WGS84) Select the track with points to be erased

Untitled - MapS... Untitled - Paint Google Earth iTunes Yahoo! Search Desktop 6:32 A

Items Selected Lat/Lon hddd\*mm.mmm'(WGS84) Untitled - MapSource

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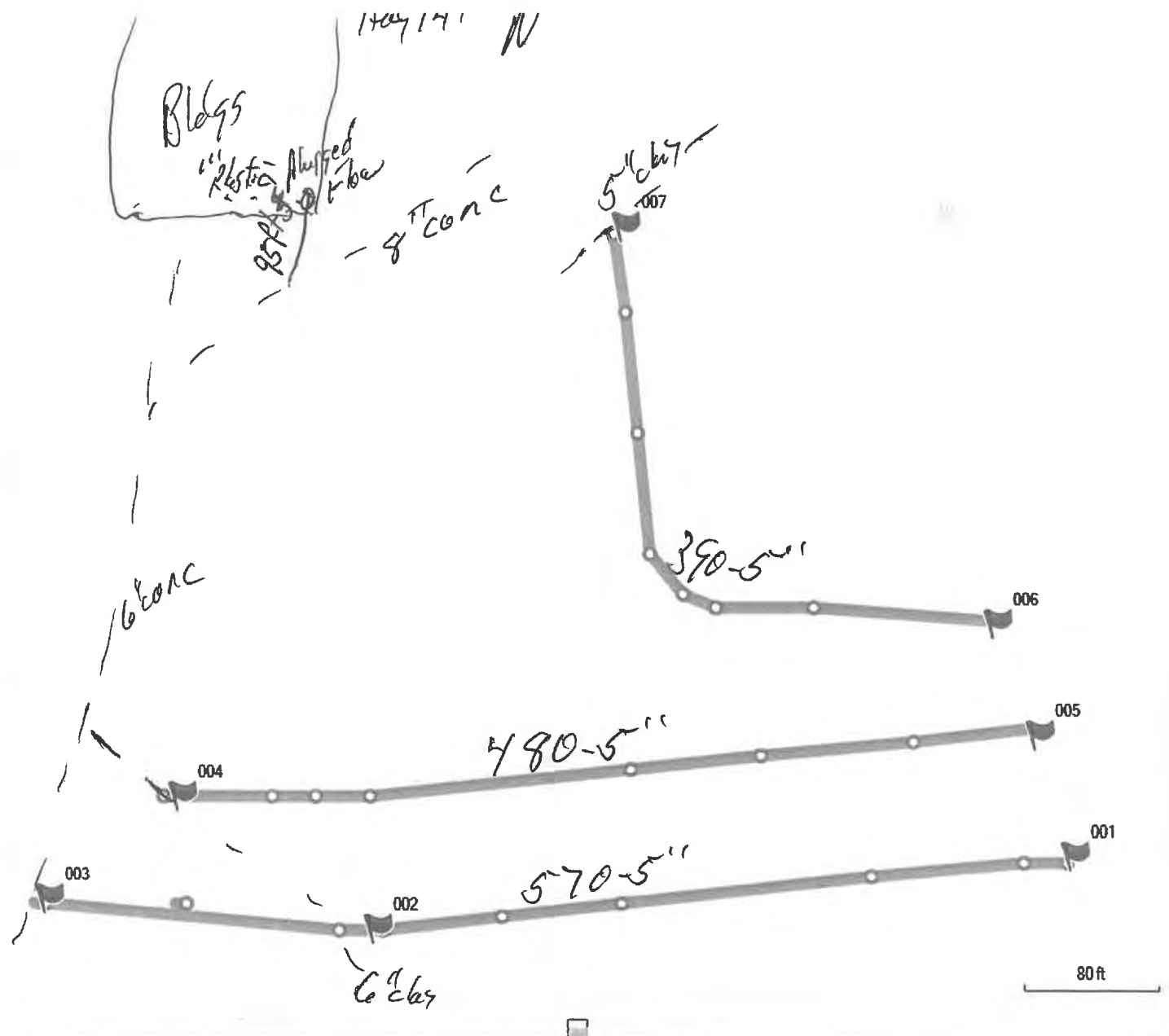
Vernon  
Wagner Farm

aps Waypoints(7) Routes Tracks(9)

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All Categories

Name	Comment	Position
001		N41 50.810 W94 26.695
002		N41 50.803 W94 26.778
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005		N41 50.821 W94 26.699
006		N41 50.832 W94 26.704
007		N41 50.870 W94 26.747



Items Selected Lat/Lon hddd\*mm.mmm'(WGS 84)

Select the track with points to be erased

Items Selected Lat/Lon hddd\*mm.mmm'(WGS 84) Untitled - MapSource

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Untitled - MapSource Untitled - Paint Google Earth Yahoo! Search Desktop 6:13 AM



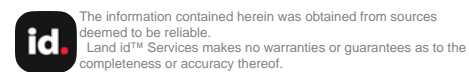
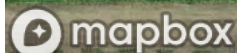
A Financial Service of International Telephone and Telegraph Corporation

**COMPANY**

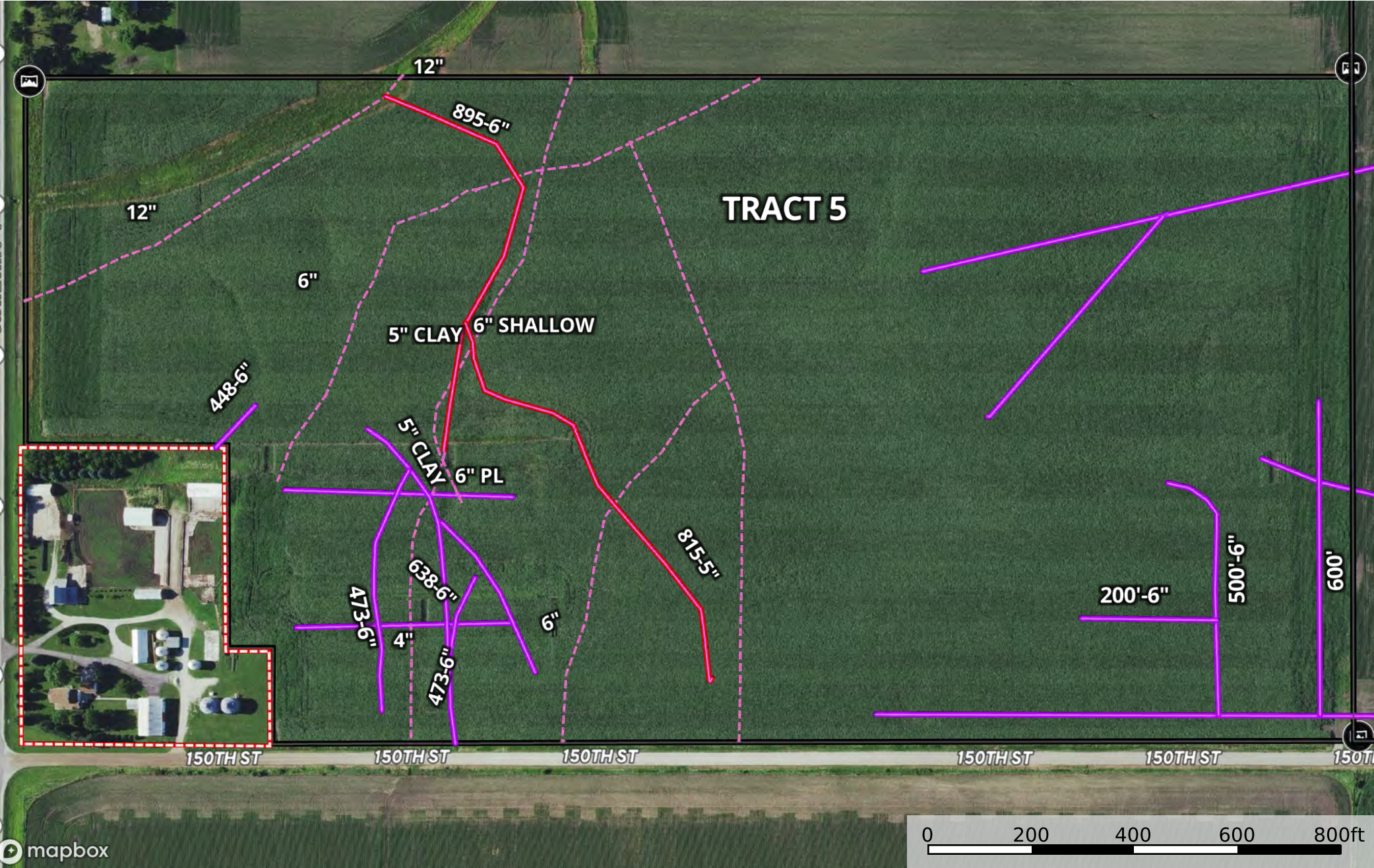


Wagner Tamm  
N. Vernon D.

**Industrial Financing and Leasing Division**  
KEITH ALBRIGHT, REGIONAL SALES MANAGER • (515) 225-3731  
939 OFFICE PARK RD. WEST, DES MOINES, IOWA 50265







Panoramic View

Tile

Pipeline

Tile 1

Tile

Outlet

Tile

Tile 1

Tile 1

Tile

Tile 1

Tile 2

Tile 3

Tile 2

Tile 1

Tile 5

Tile 6

Tile

Tile 4

Tile 1 1 1

Direction

Primary Road

Boundary

Boundary 6 1

Boundary 5 1

Boundary 7 1

Boundary 4 1

Boundary 8 1

Boundary 3

Boundary 2

Boundary 1

Vernon Homeplace

N

14'

aps Waypoints(4) Routes Tracks(3)

Show waypoints in category:

All Categories

Name	Comment	Position
001		N41 47.684 W94 21.213
002		N41 47.589 W94 21.212
003		N41 47.689 W94 21.236
004		N41 47.492 W94 21.214

MapSource interface showing waypoints and a map view.





Vernon C HomePlace

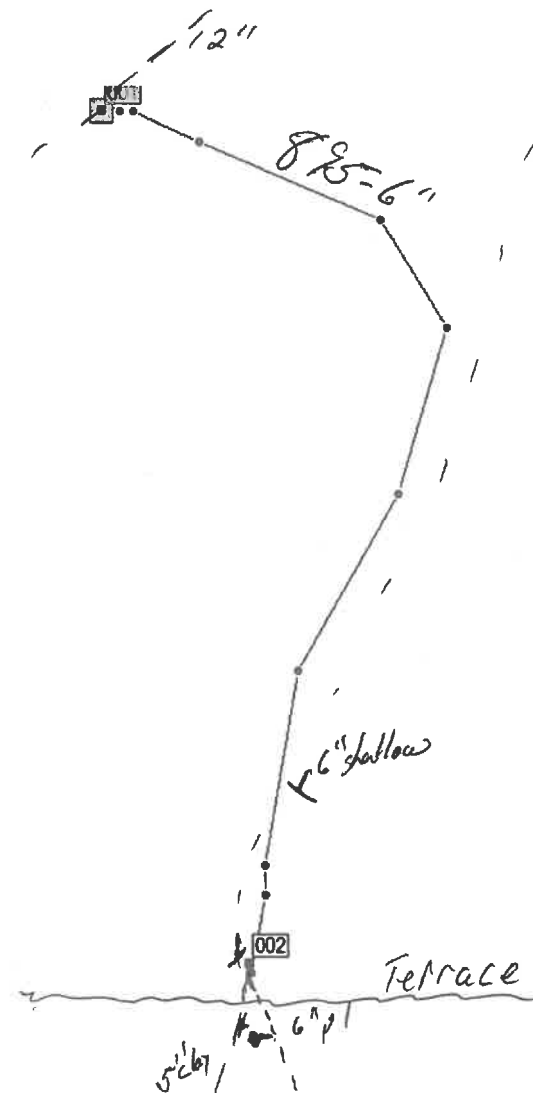
laps Waypoints(2) Routes Tracks(1)

Show waypoints in category:

All Categories

Name	Comment	Position
001		N41 47.691 W94 21.866
002		N41 47.579 W94 21.841

Bldgs



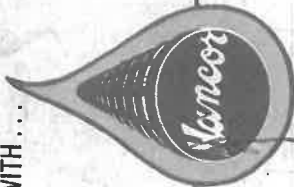
120 ft

overzoom

Hancor inc.

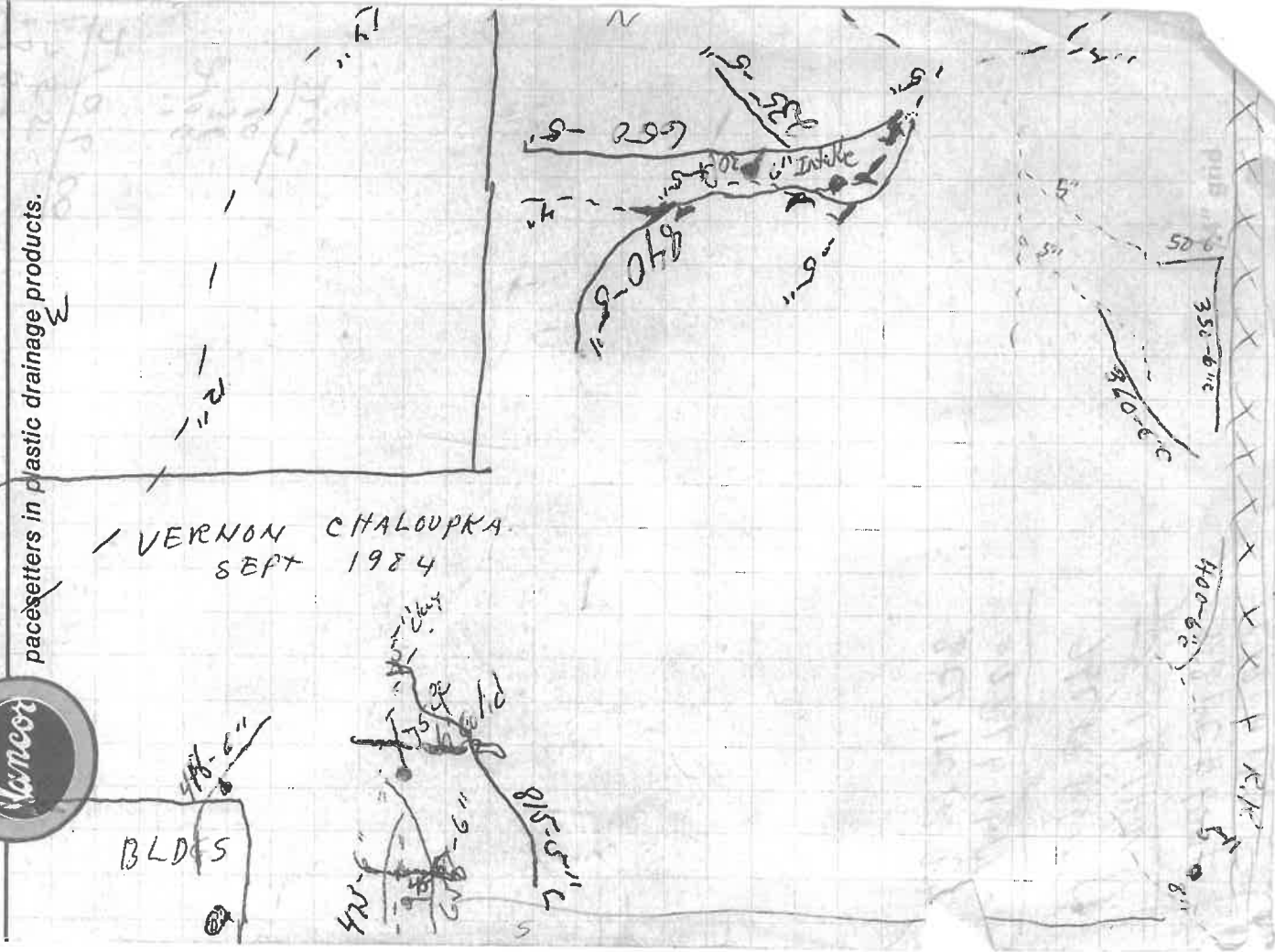
Oelwein, Iowa 50662 • (319) 283-3324

*pacesetters in plastic drainage products.*



BLDS

✓ VERNON CHALOUPIKA  
SEPT 1984





638-6

4"

473-6

7-80

(BIN)

Chetompha  
Vanner 1924  
Aug 61065

111. a

8'1  
Telephone and Telegraph Corporation

COMPANY

6" Clay	1850
6"	2000
	2000
	250

200-61

500'-6"

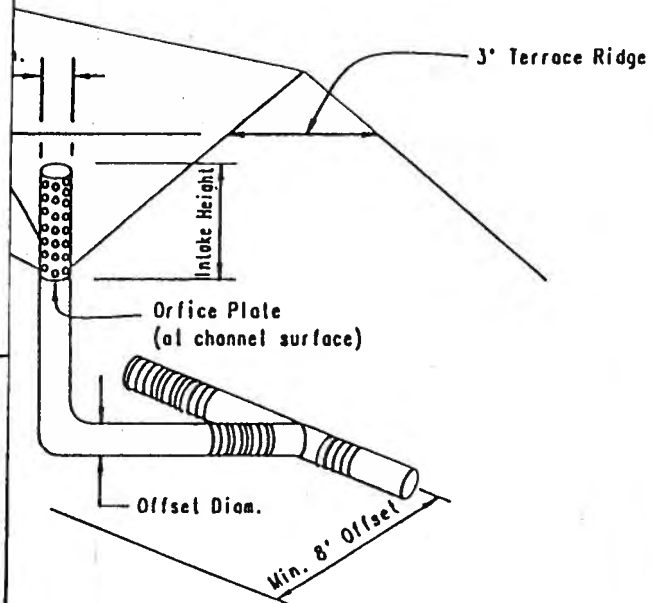
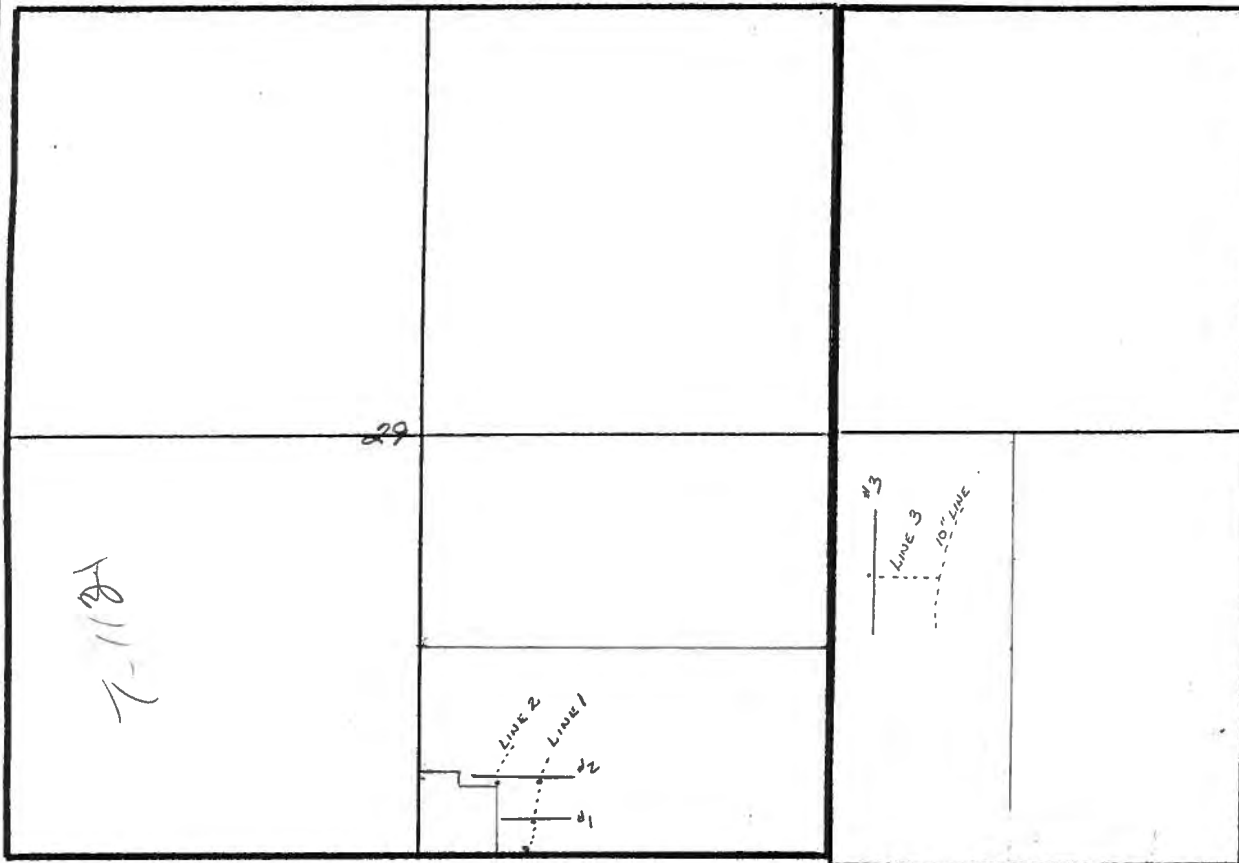
1200-61

15th 118

**Industrial Financing and Leasing Division**  
KEITH ALBRIGHT, REGIONAL SALES MANAGER • (515) 225-3731  
939 OFFICE PARK RD. WEST, DES MOINES, IOWA 50265

11





performing any excavation, the contractor is responsible for locate utilities. Call 1-800-292-8989.

d near the project (e.g. archeological)?

YES

NONE KNOWN

Scale: 1" = 1,320'

## Location Map

Materials and Construction shall be in accordance with Construction Specification for Underground Outlets (Iowa Std. 620)

If YES, Describe: \_\_\_\_\_

If a cultural resource is identified during construction, immediately notify the Cultural Resource Coordinator for the Natural Resources Conservation Service (515-284-4172)

CALL IOWA  
EAST

I Co  
show  
have  
and

Contractor

T-1121  
no compare  
plan  
various  
file info

OWNER VERNON CHALOUKA  
LOCATION RICHLAND SEC. 29 T 8 N, R 30 W  
GUTHRIE COUNTY, IOWA

U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE

Designed <u>WANTZ</u>	Date <u>4/92</u>	Approved by <u>[Signature]</u>
Drawn <u>WANTZ</u>	Date <u>4/2/92</u>	Title <u>SET</u>
Staked <u>[Signature]</u>	Sheet No. <u>1</u>	Drawing No. _____
Checked <u>[Signature]</u>	Date <u>11/2/92</u>	

Iowa Standard Drawing

Underground Outlet

Standard Drawing No. 854

DATE: 7-95

Sheet 1 of 2

Inlet Number	Terrace Number	Station	Drainage Area	Drainage Coef.	Req'd. Cap. Ac. in/Day	Intake Ht.		Dion. & Holes/Ft.		Orifice Dio.		Offset Dio.		Des. Cap. Ac. in/Day
						Design	Install	Design	Install	Design	Install	Design	Install	
1	1	1+75	12	1.32	15.84	3		6"	24					
1	2	0+75	3.01	1.32	3.97	3		6"	24					
2	2	5+25	7.79	1.32	10.28	3		6"	24					
1	3	5+00	9.41	1.32	12.42	3		6"	24					

Relief Well :

Line	Dio. Designed	Dio. Installed
1	6"	
1	6"	
2	6"	

9.28 AC IN

9.28 AC IN

9.28 AC IN

THIS SYSTEM WILL HAVE A 6" INTAKE AT THE ROAD DITCH TO HANDLE TRICKLE.

*This system will have only standard 6" installed with a 4" offset. We will pond water behind the terrace to take some of the pressure from the lower areas already installed.*

Drain Material		
Manufacturer	Size	Type

Line No.	Reach No.	Station to Station	Req'd. Capacity Ac. in	Length of line		Tile Size		Tile grade		Design Capacity Ac. in	Tile Installation Data		
				Designed	Installed	Designed	Installed	Designed	Installed		Min. Depth	Max. Depth	Trench Width
1	1	FENCE 0+00 TO 2+70	15.84	270		6"		1.5%		14.5	9"		
1	2	2+70 TO 6+00	19.81	330		6"		1.9%		16.5	9"		
2	1	TERRACE 2 TO LINK	10.28	150		6"		2.0%		16.5	9"		
3	1	TERRACE TO 10" LINE 500'	12.42	500'		6		1.5%		14	9"		
3	2	10" LINE 4 BEYOND	12.42			10		.7%		34			

6" RELIEF TOTAL 23.78 AC IN

Type of Outlet :

6" RELIEF Open ditch Existing tile  
TOTAL 25.78 Other

6" RELIEF TOTAL 25.78 AC IN

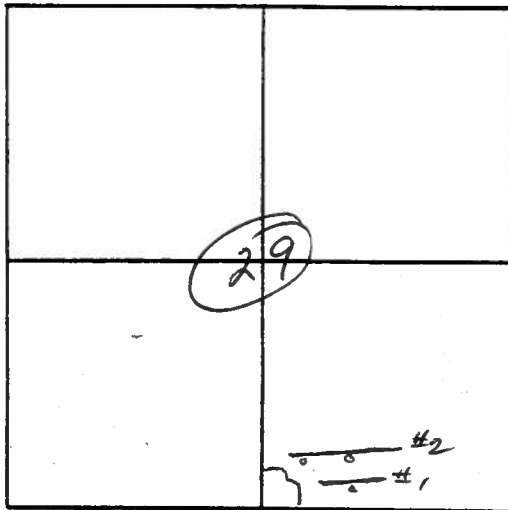
Outlet Material		
Manufacturer	Size	Type

Contractor is to fill out shaded columns.



# Location Map

(Show section center or corner)



## DESIGN DETAILS

Terrace No.	Terrace Type	Length	Front Slope	Back Slope	% Settle	Cut Slope	Fill Cu. Yard
1	FF	450'	5-1	2-1	5%	6-1	2025
2	FF	700'	5-1	2-1	5%	6-1	2279
3	FF	800'	5-1	2-1	5%	6-1	2100
		1950'	60				6404.60
		5070'					5163

## SPECIAL CONSTRUCTION NOTES

Topsolling required: ☒ YES ☐ NO

Are utilities present near the site? YES ☒ NO

If YES, Describe: \_\_\_\_\_

Is a cultural resource located near the project? (e.g.: archeological site) YES ☒ NO

If YES, Describe: \_\_\_\_\_

If a cultural resource is identified during construction, immediately notify the Soil Conservation Service.

## OPERATION AND MAINTENANCE REQUIREMENTS

1. Remove sediment build-up in the terrace channel to maintain the required capacity.
2. Repair sections of the terrace which have eroded or have excessive settlement.
3. Reseed and fertilize as needed to maintain good vegetation.
4. Fill any settled or eroded areas in the tile trench.
5. Repair or replace any damaged tile intakes.
6. Remove sediment build-up around the intake to insure that the terrace will drain toward the inlet.
7. Remove trash from around and in the tile intake.
8. Implement rodent control procedures if rodents are a problem.
9. Control weeds, brush, and trees by mechanical methods or chemicals.
10. Do not operate farm equipment on steep frontslopes and/or backslopes.

CALL IOWA ONE-CALL  
AT LEAST 48 HOURS  
BEFORE YOU DIG  
1-800-292-8989

I certify that this practice has been constructed in accordance with the plans and specifications and the attached checkout notes.

Contractor \_\_\_\_\_

Date \_\_\_\_\_

Owner <u>Vernon Chaloupka</u>	
Location <u>Richland</u> Sec <u>29</u> T <u>81</u> N, R <u>30</u> W	
<u>Cuthbert</u> County, Iowa	
U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	
Designed <u>JWA</u> Date <u>10/22/98</u>	Approved by <u>[Signature]</u>
Drawn <u>[Signature]</u>	Title <u>[Signature]</u>
Staked <u>[Signature]</u>	Title <u>[Signature]</u>
Checked <u>[Signature]</u>	Sheet No. <u>[Signature]</u>
	Drawing No. <u>[Signature]</u>

IOWA STANDARD DRAWING	
TERRACE PLAN	
STANDARD DRAWING NO. 652	
DATE: 5-91	SHEET 1 OF 2

## TERRACE CONSTRUCTION SPECIFICATIONS

All dead furrows, ditches, or gullies shall be filled before constructing the terrace or shall be part of the construction. All old terraces, fence rows, hedge rows, trees, and other obstructions shall be removed, as necessary, to install a farmable system.

The terraces shall be constructed according to staked alignment, grade and cross section with the specified overfill for settlement and the channel graded to drain reasonably well. Fill material placed shall be free from sod, roots, frozen material, stones over 6 inches in diameter, and other objectionable material. The fill shall not be placed on sod or on a frozen foundation. The moisture content of terrace fill material shall be such that, when kneaded in the hand, the fill material will form a ball that does not readily separate. Material that is too wet shall be dried and material that is too dry shall have water added or work shall be stopped until moisture conditions are satisfactory.

Channel blocks shall be built to the full design height of the terrace unless specified differently. Blocks must be compacted and farmable with side slopes 5:1 or flatter. Cuts and fills should be made in such a manner that topography will be enhanced. Cuts should not be made in depressions to secure borrow to build the terrace ridge through those areas, since this accentuates the undulations of the field. Borrow for large fills across depressions shall be taken from the intervening ridges.

Conduits shall be embedded and backfilled throughout the base width of the terrace ridge. Friable soil material shall be placed in 6 inch layers and hand tamped to a depth of approximately 18 inches over the pipe. The sides of the remaining trench shall be sloped no steeper than 3 horizontal to 1 vertical and backfill placed in 6 inch layers and machine compacted. The materials used for the inlet, outlet, and conduit shall be as specified.

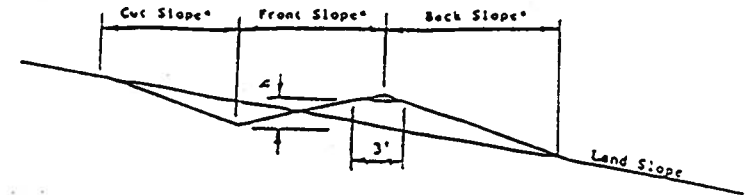
The surface of the finished terrace shall be reasonably smooth and present a workmanlike finish. Borrow areas shall be uniform. Cuts shall be blended with existing topography so that the finished area is farmable. Any ditch or depression at the bottom of the backslope shall be filled and smoothed so that drainage will be away from the terrace and not parallel to it. Excavation for grassed backslope and narrow base terraces shall be taken from the downhill side of the terrace except as specified by the Soil Conservation Service.

Fill material shall be placed so that the entire terrace receives compactive effort of the construction equipment on the fill. When the base width of the fill exceeds 12 feet, the fill shall be placed in lifts not exceeding one and one half feet with each lift compacted with the construction equipment.

If specified, topsoil shall be stockpiled and spread over borrow areas.

Grassed backslope terraces shall have the entire backslope seeded. Narrow base terraces shall have both the frontslope and backslope seeded. Seedbed preparation and seeding, liming, fertilizing and mulching rates shall comply with the Seeding Plan.

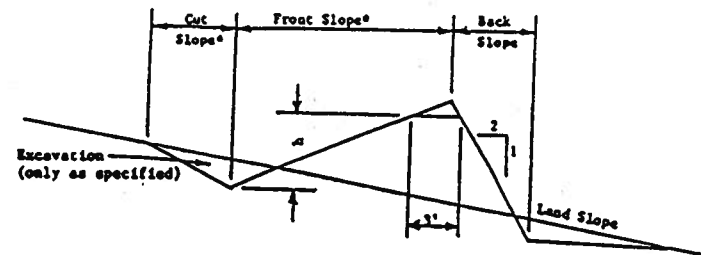
The Soil Conservation Service is not responsible for locating existing tile lines. The landuser and/or contractor have responsibility for locating and properly connecting lines cut during installation of this project. The landuser and/or contractor is responsible for notifying underground utilities of planned construction. Utilities shall be adequately located before construction begins.



\* Length of cut slope, front slope, and back slope shall be in increments of machinery width but not shorter than 15 feet nor steeper than 5:1

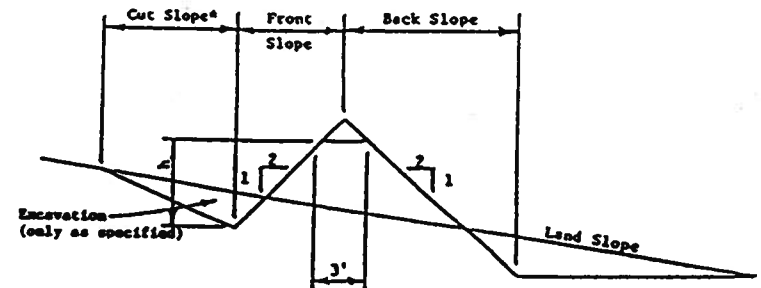
h Design height of terrace

MINIMUM DIMENSIONS FOR BROAD BASE TERRACES



\* Length of cut slope and front slope shall be in increments of machinery width but not shorter than 15 feet nor steeper than 5:1

MINIMUM DIMENSIONS FOR GRASSED BACKSLOPE TERRACES



\* Length of cut slope shall be in increments of machinery width but not shorter than 15 feet nor steeper than 5:1

h Design height of terrace

MINIMUM DIMENSIONS FOR NARROW BASE TERRACES



Form 14  
1-19-62

7-1121

505-325-

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

ACP-26

Tile Certification and Location Record\*

OWNER G. L. CHALOUPKA LEGAL DESCRIPTION T81-R30-28

Tile Installed			Outlet Pipe Used		
Size	Length	Approx Grade	Size	Length	Material
5"	1400'	0.90%			

I certify that I have installed the above amounts of tile on the above named farm and to the best of my knowledge they meet ACP specifications. (See sketch)

Contractor Ray Middleton, Inc. Date 3 May 1965

I certify that the above amounts of tile have been installed on my farm.  
Farmer G. L. Chaloupka Date May 3 1965

Amounts Approved:  
(to be completed by SCS)

1400 Rods 5" Tile

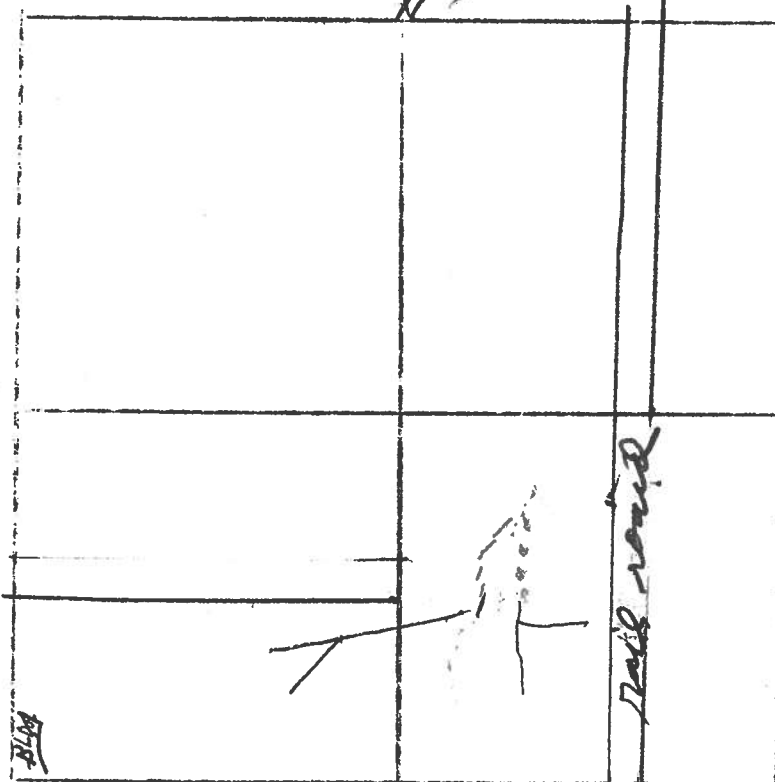
\_\_\_\_ Rods \_\_\_\_ Tile

E \_\_\_\_ Rods \_\_\_\_ Tile

\_\_\_\_ Feet \_\_\_\_ Pipe

Technician J. H. Neal

Date 5-21-65



\* This record sheet is to be used on jobs where permission has been given to the contractor to proceed with the design and layout of the proposed tile system. This normally will be for hill side seeps and waterway tile where the grades are greater than 1%. However it may be used for jobs on flatter grades if the contractor completes the necessary survey and design. All jobs will be subject to checking by the Soil Conservation Service before approval is given for cost-sharing.





Forma-14  
1-19-62

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

Tile Certification and Location Record\*

OWNER G. L. CHALOUPEK

LEGAL DESCRIPTION \_\_\_\_\_

Tile Installed			Outlet Pipe Used		
Size	Length	Approx Grade	Size	Length	Material
5"	545	0.40%			
6"	350	0.20%			

I certify that I have installed the above amounts of tile on the above named farm and to the best of my knowledge they meet ACP specifications. (See sketch)

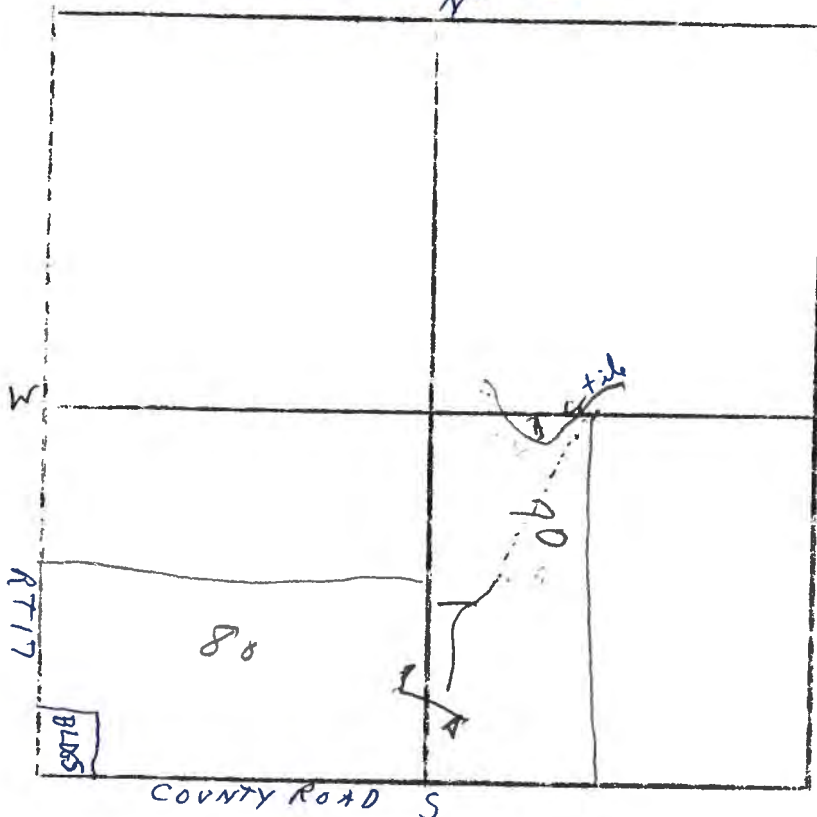
Contractor Ray Middleton & Son

Date 27 Aug. 1964

I certify that the above amounts of tile have been installed on my farm.

Farmer G. L. Chaloupek

Date 27 Aug 1964



Amounts Approved:  
(to be completed by SCS)

545 Rods 5" Tile

350 Rods 6" Tile

       Rods        Tile

       Feet        Pipe

Technician J. J. J. J.

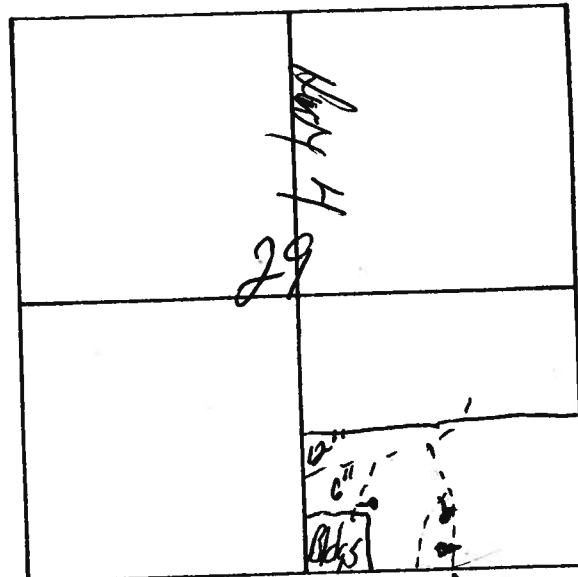
Date 8-27-64

\* This record sheet is to be used on jobs where permission has been given to the contractor to proceed with the design and layout of the proposed tile system. This normally will be for hill side seeps and waterway tile where the grades are greater than 1%. However it may be used for jobs on flatter grades if the contractor completes the necessary survey and design. All jobs will be subject to checking by the Soil Conservation Service before approval is given for cost-sharing.

**Design Data (Required for grade of 0.5% or flatter):**

Line No.						
Size						
Length						
Acres used for design						
Drainage Coefficient						
Grade						
Max. Depth						
Min. Depth						
Trench Width or Method						
Type of Bedding						
No. of T's and Y's						

## North



### Sketch of Tile System





TO SCALE (1990 FLIGHT) GUTHRIE COUNTY - CROP YEAR

ipy map

terrace.

Richard

Vernon Charles

M-4

Prig 1/6



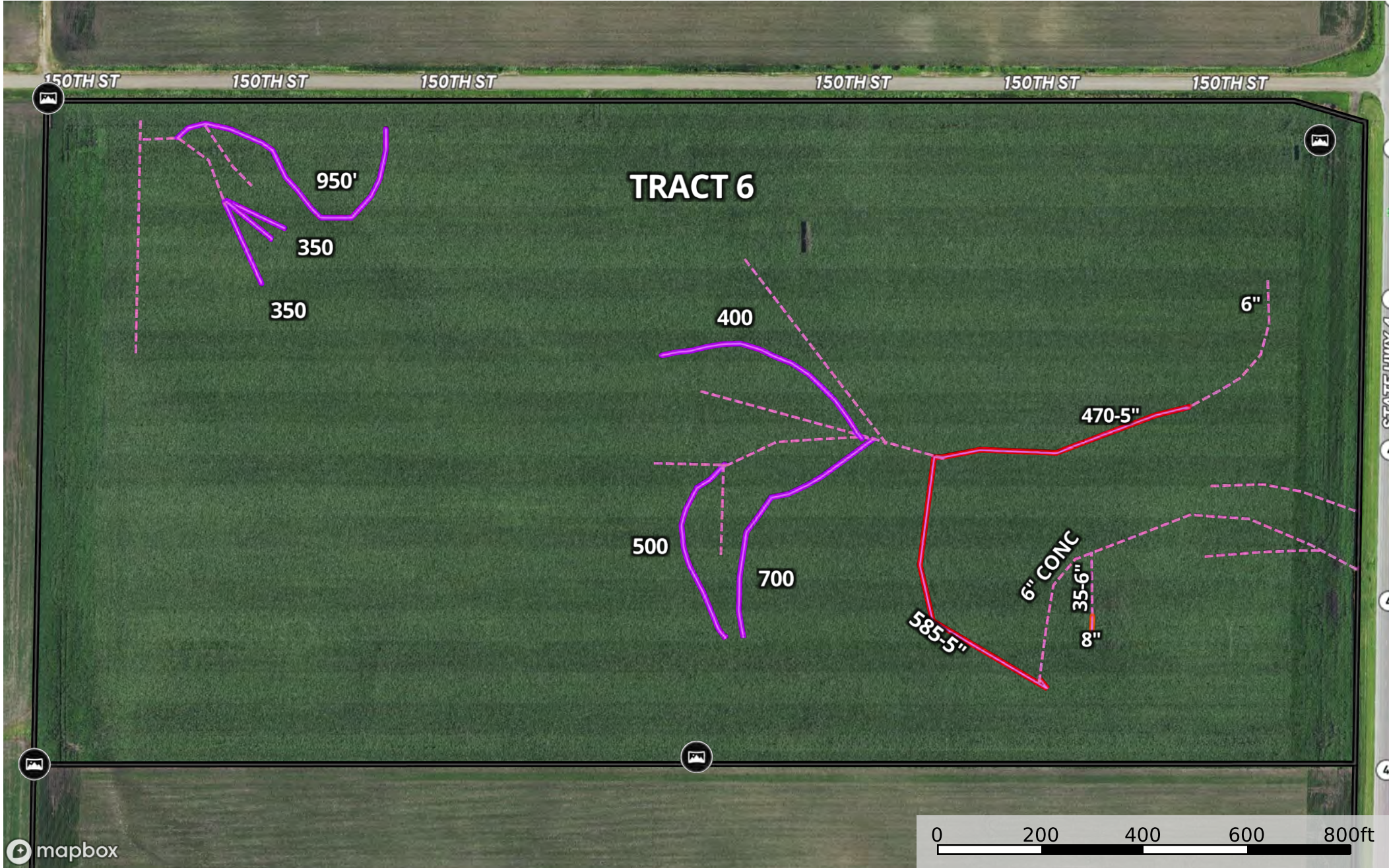
1

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Q





Panoramic View

Tile

Pipeline

Tile 1

Tile

Outlet

Tile

Tile 1

Tile 1

Tile

Tile 1

Tile 2

Tile 3

Tile 2

Tile 1

Tile 5

Tile 6

Tile

Tile 4

Tile 1 1 1

Direction

Primary Road

Boundary

Boundary 6 1

Boundary 5

Boundary 7 1

Boundary 4

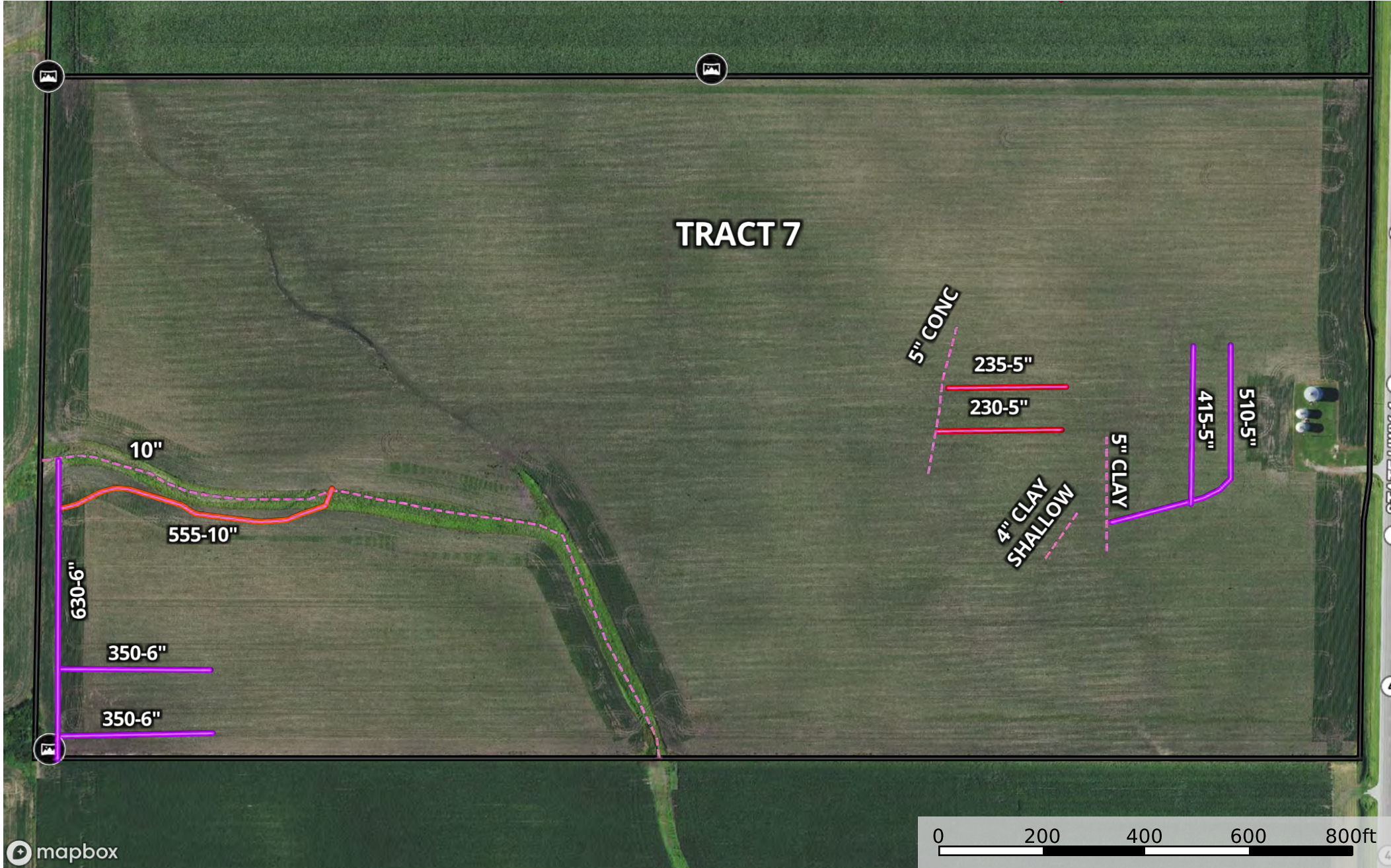
Boundary 8 1

Boundary 3

Boundary 2

Boundary 1







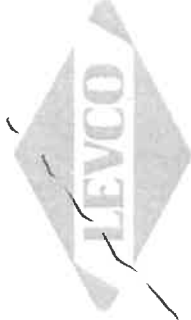
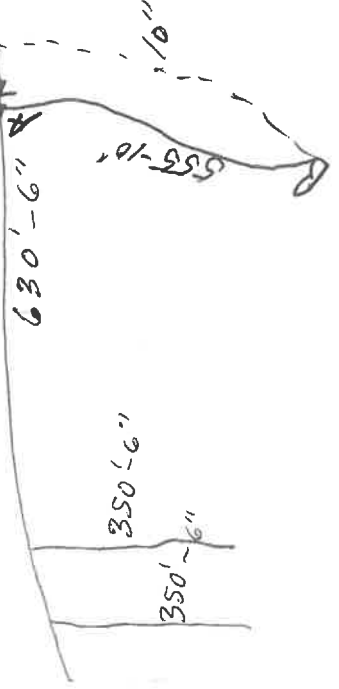
Name /	Comment	Position
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008		N41 47.164 W94 22.232
009		N41 47.150 W94 22.234
010		N41 47.151 W94 22.184
011		N41 47.287 W94 22.179
012		N41 47.360 W94 22.223
013		N41 47.364 W94 22.210
014		N41 47.376 W94 22.113
015		N41 47.306 W94 22.163
016		N41 47.302 W94 22.163



# The Levine Company, Inc.

4400 EAST 14TH STREET • DES MOINES, IOWA 50316 • COTTAGE AT 18TH STREET • CENTERVILLE, IOWA 52544  
TELEPHONE 515/262-5613

Vernon Chaloupeyha 80° South



FABRICATORS • DISTRIBUTORS

A 241 47.129  
2094 22.612

B 241 47.130  
2094 22.494

may 1979

CORRUGATED METAL DRAINAGE STRUCTURES • PRODUCTS FOR CONSTRUCTION AND INDUSTRY  
STRUCTURAL, BAR, PLATE, REINFORCING STEEL



HWY 7 E

Q1's  
000

WERNER  
CHADWICK  
South Place

510' - 5"

415' - 5"

5' clay

4" clay  
shallow

2

5

2

*Vernon Chalmers, Esq.*

*Fiscal 80A*

*May 1979*

## The Levine Company, Inc.

4400 EAST 14TH STREET • DES MOINES, IOWA 50316 • COTTAGE AT 18TH STREET • CENTERVILLE, IOWA 52544  
TELEPHONE 515/262-5613

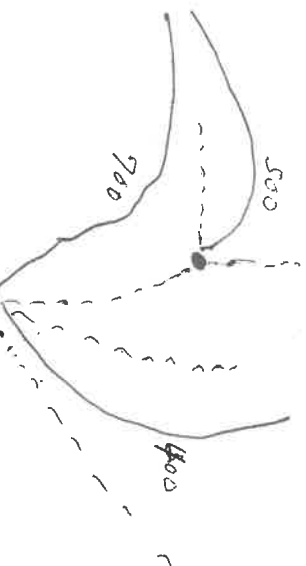
*3250 ft 6"  
6 piers*



FABRICATORS • DISTRIBUTORS

*1*

CORRUGATED METAL DRAINAGE STRUCTURES, PRODUCTS FOR CONSTRUCTION AND INDUSTRY  
STRUCTURAL, BAR, PLATE, REINFORCING STEEL





Vernon Chaubyka  
St. Paul

TELEPHONE 515/856-3153

**The Levine Company, Inc.**

LEVCO

FABRICATORS • DISTRIBUTORS

Gen Conclude

10/10/10

240-5-11

16 11

585  
511

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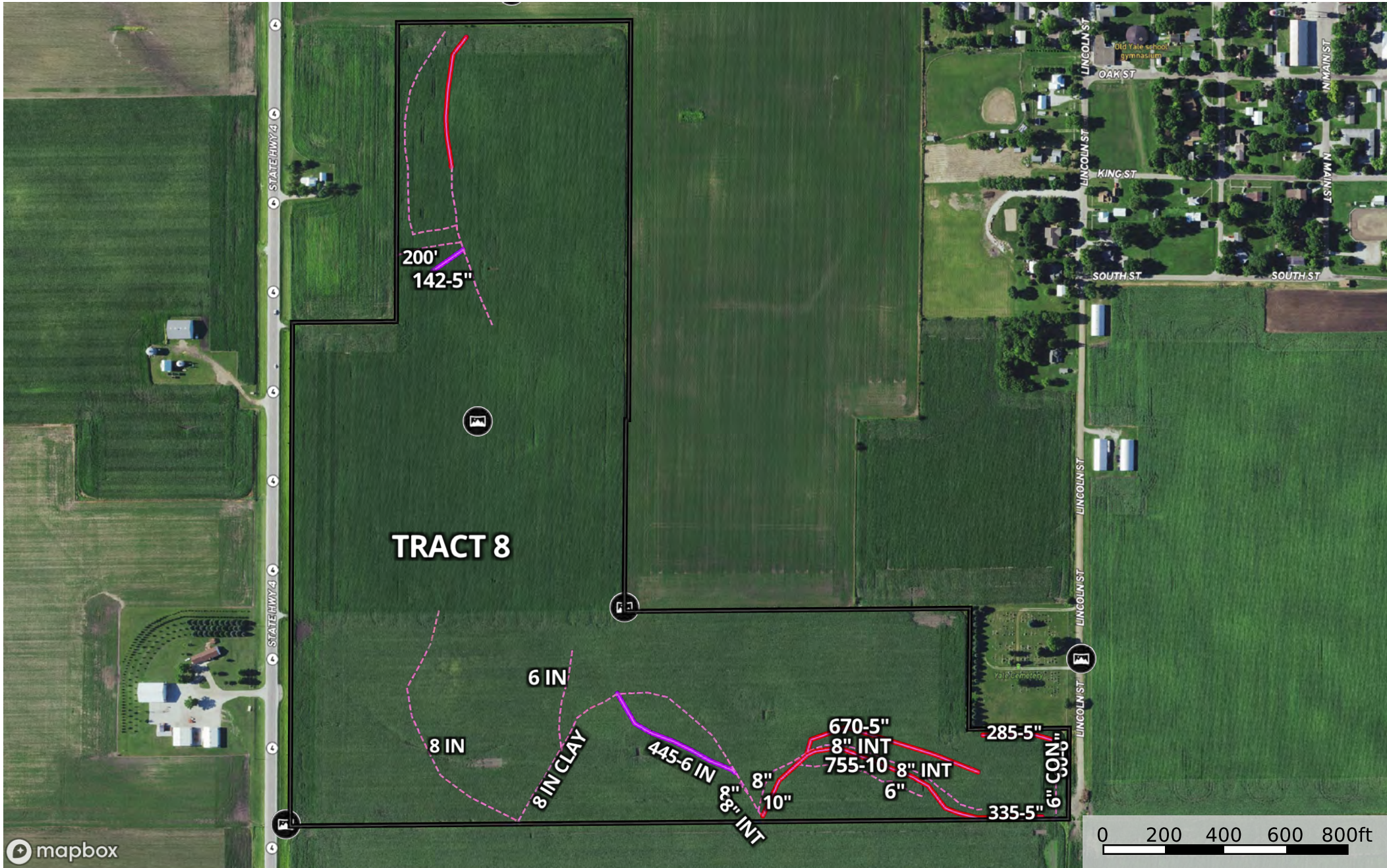
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51

8.12

**CORRUGATED METAL DRAINAGE STRUCTURES • PRODUCTS FOR CONSTRUCTION AND INDUSTRY STRUCTURAL, BAR, PLATE, REINFORCING STEEL**



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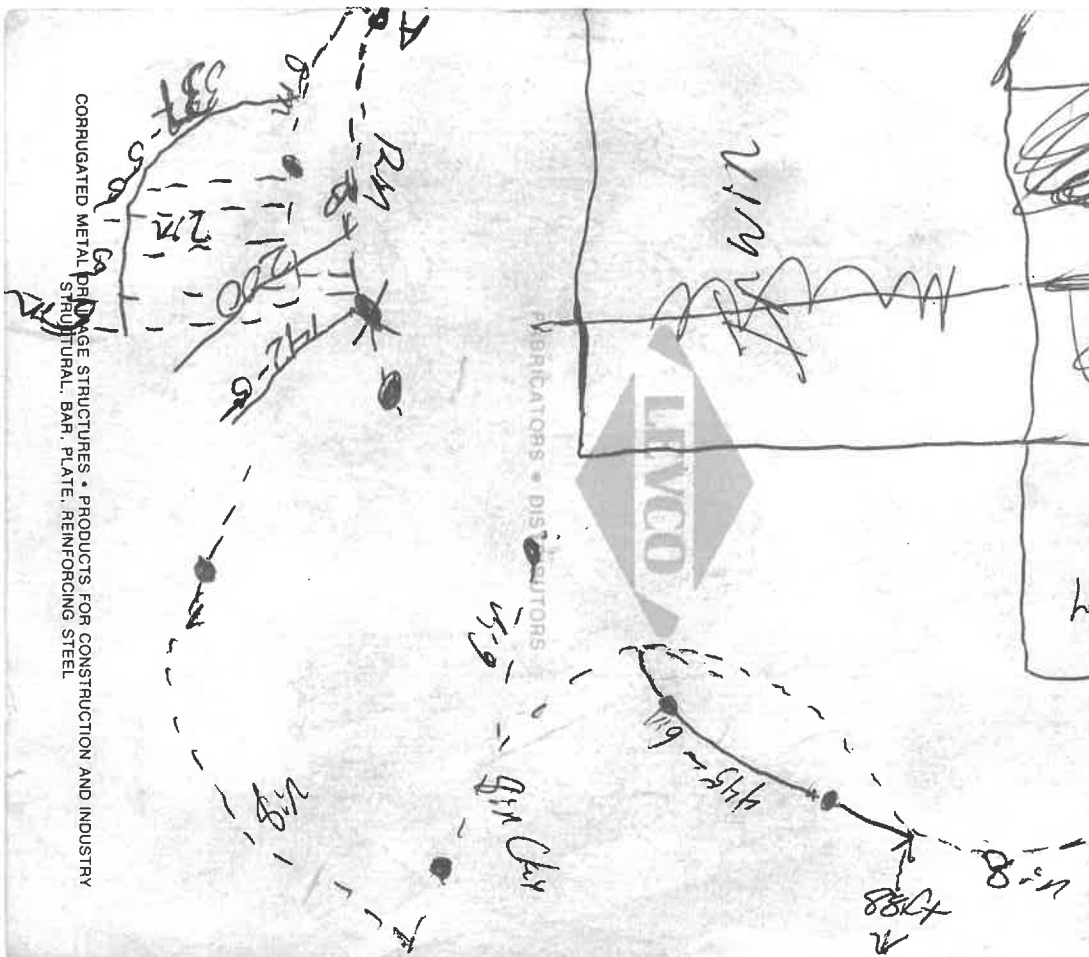
[illegible]

Oct 94

Vernonchouville

**The Levig Company, Inc.**  
4400 EAST 14TH STREET • DES MOINES, IOWA 50311 • CO. 515/282-7043  
TELEPHONE 515/282-7043  
18700 E. 18TH STREET • CENTERVILLE, IOWA 52544  
TELEPHONE 515/856-3153

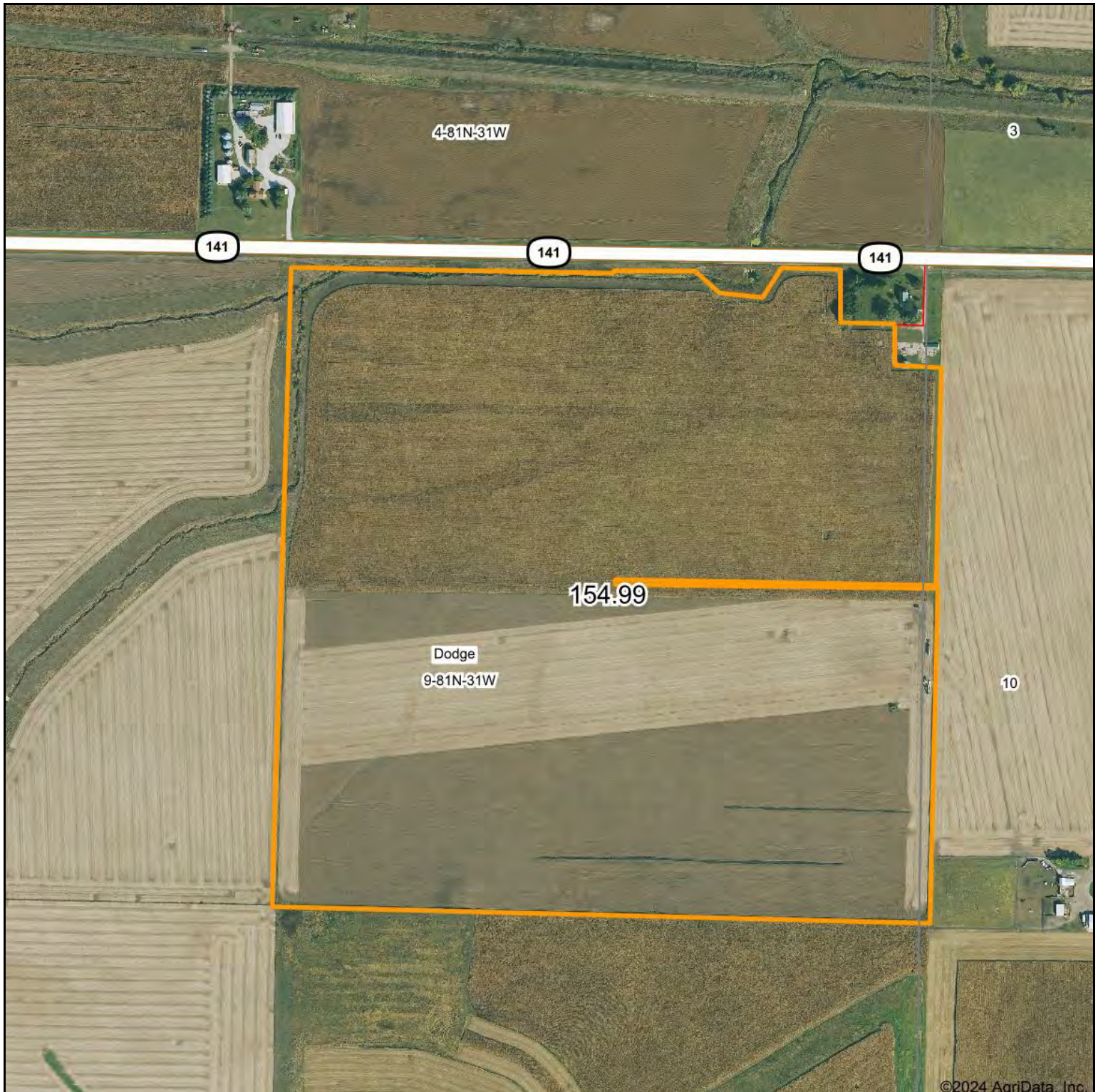
*Handwritten signature*



CORRUGATED METAL DRAINAGE STRUCTURES • PRODUCTS FOR CONSTRUCTION AND INDUSTRY  
STRUCTURAL BAR, PLATE, REINFORCING STEEL



# Aerial Map



©2024 AgriData, Inc.



Maps Provided By:



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**154.99 Acres**  
**9-81N-31W**  
**Guthrie County, IA**

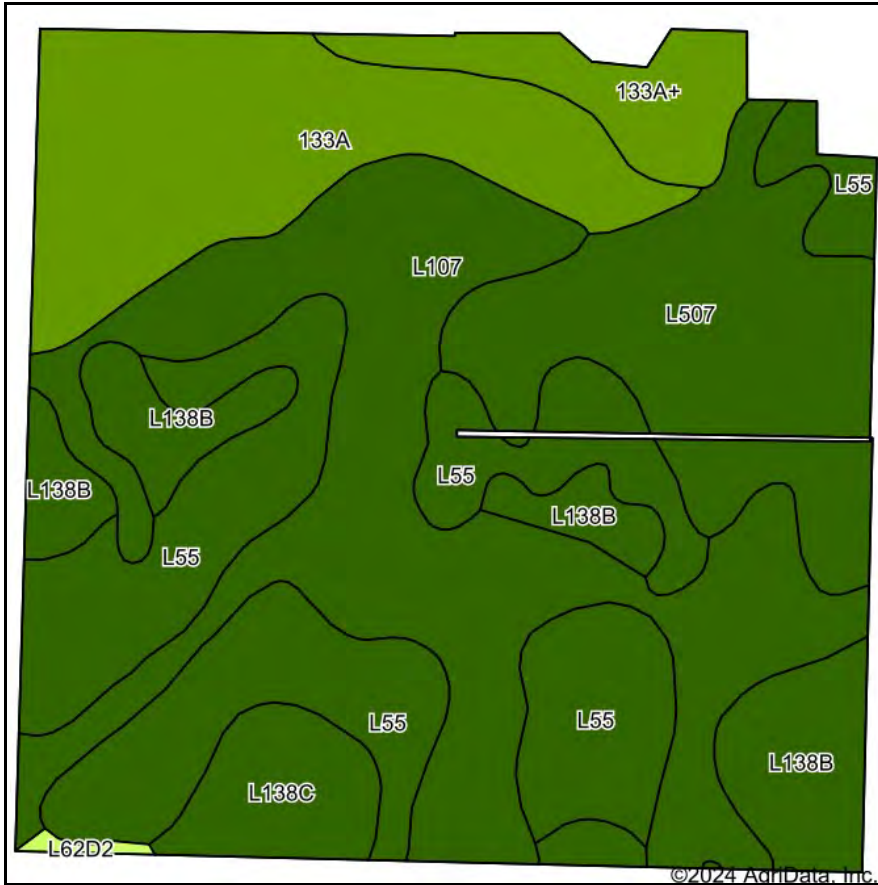
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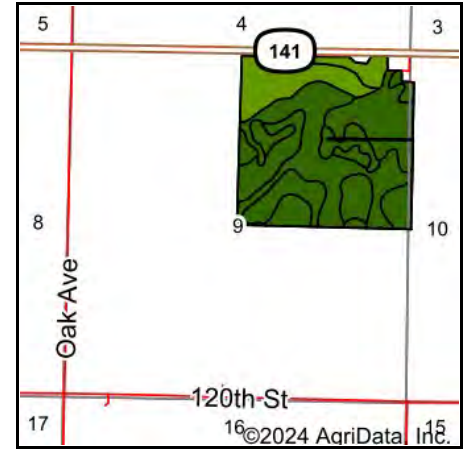
12/27/2024



# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Guthrie**  
 Location: **9-81N-31W**  
 Township: **Dodge**  
 Acres: **154.99**  
 Date: **12/27/2024**

**WHITAKER MARKETING GROUP**  
 AUCTIONS | REAL ESTATE

Maps Provided By:  
**surety**  
 CUSTOMIZED ONLINE MAPPING  
 © AgriData, Inc. 2023 www.AgriDataInc.com



Area Symbol: IA077, Soil Area Version: 33

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**	CSR
L107	Webster clay loam, Bemis moraine, 0 to 2 percent slopes	42.29	27.4%		95	IIw	88	
L55	Nicollet loam, 1 to 3 percent slopes	38.67	24.9%		5	Ie	91	
133A	Colo silty clay loam, deep loess, 0 to 2 percent slopes, occasionally flooded	23.67	15.3%		95	IIw	78	80
L507	Canisteo clay loam, Bemis moraine, 0 to 2 percent slopes	22.75	14.7%		100	IIw	87	
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	14.90	9.6%			Ile	88	
133A+	Colo silt loam, deep loess, 0 to 2 percent slopes, overwash, occasionally flooded	6.54	4.2%		90	IIw	78	85
L138C	Clarion loam, Bemis moraine, 6 to 10 percent slopes	5.81	3.7%			IIle	84	
L62D2	Storden loam, Bemis moraine, 10 to 16 percent slopes, moderately eroded	0.36	0.2%			IVe	41	
<b>Weighted Average</b>						<b>1.79</b>	<b>86.4</b>	<b>*-</b>

Soils data provided by USDA and NRCS.

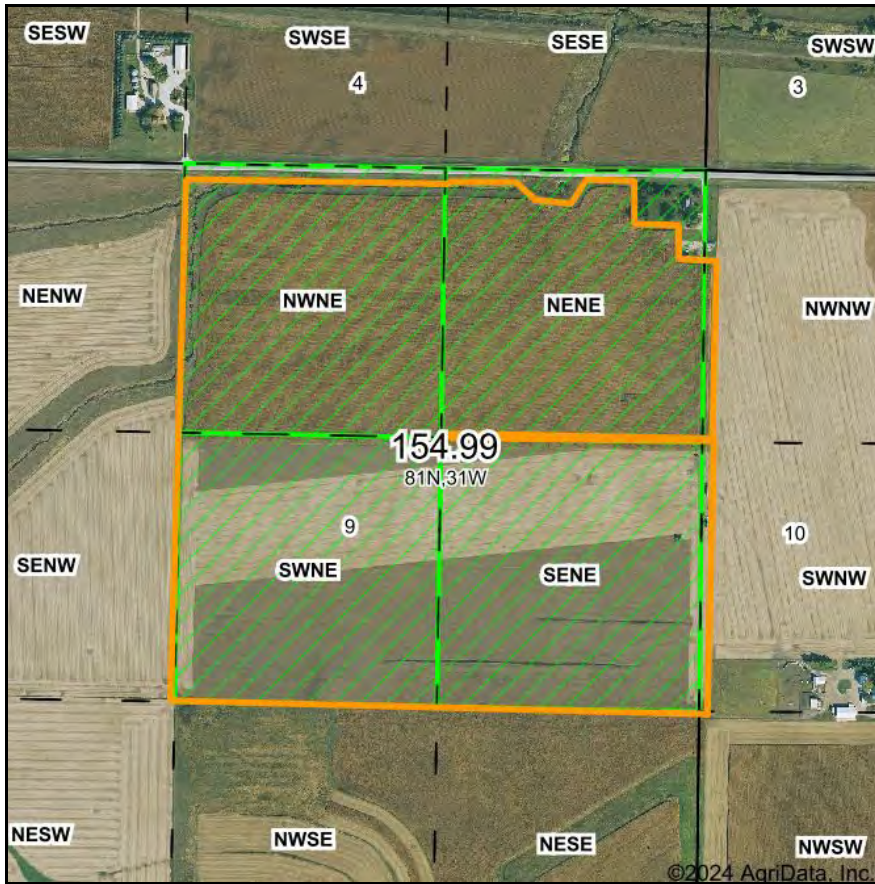
IA has updated the CSR values for each county to CSR2.

\*- CSR weighted average cannot be calculated on the current soils data, use prior data version for csr values.

\*c: Using Capabilities Class Dominant Condition Aggregation Method

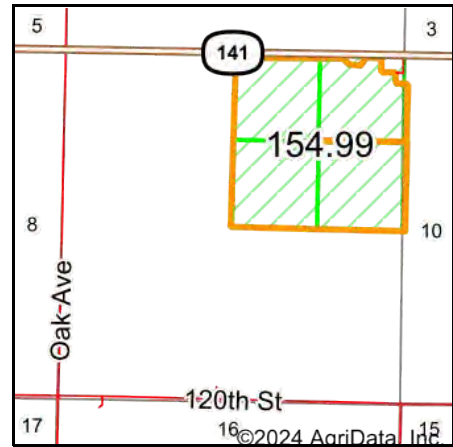


# PLSS Legal Description



Map Center: 41° 50' 45.4, -94° 27' 36.45

0ft 811ft 1622ft



Acres: **154.99**  
Date: **12/27/2024**  
Township: **Dodge**  
County: **Guthrie**  
State: **Iowa**

 **WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Maps Provided By:

 **surety**  
CUSTOMIZED ONLINE MAPPING  
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PLSS Source: **Bureau of Land Management (BLM)**

PLSS Note: **BLM contains Government Lots and Quarters. Availability and accuracy will vary by location**

Short Legal:

NWNE; PT NENE; S2NE 9-81N-31W

Long Legal:

NW1/4 NE1/4; PART OF THE NE1/4 NE1/4; S1/2 NE1/4 OF SECTION 9, TOWNSHIP 81 NORTH, 31 WEST, GUTHRIE COUNTY, IOWA



# Aerial Map



©2024 AgriData, Inc.



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Boundary Center: 41° 50' 43.77, -94° 27' 33.14

0ft 629ft 1258ft

**9-81N-31W**  
**Guthrie County**  
**Iowa**



Maps Provided By:



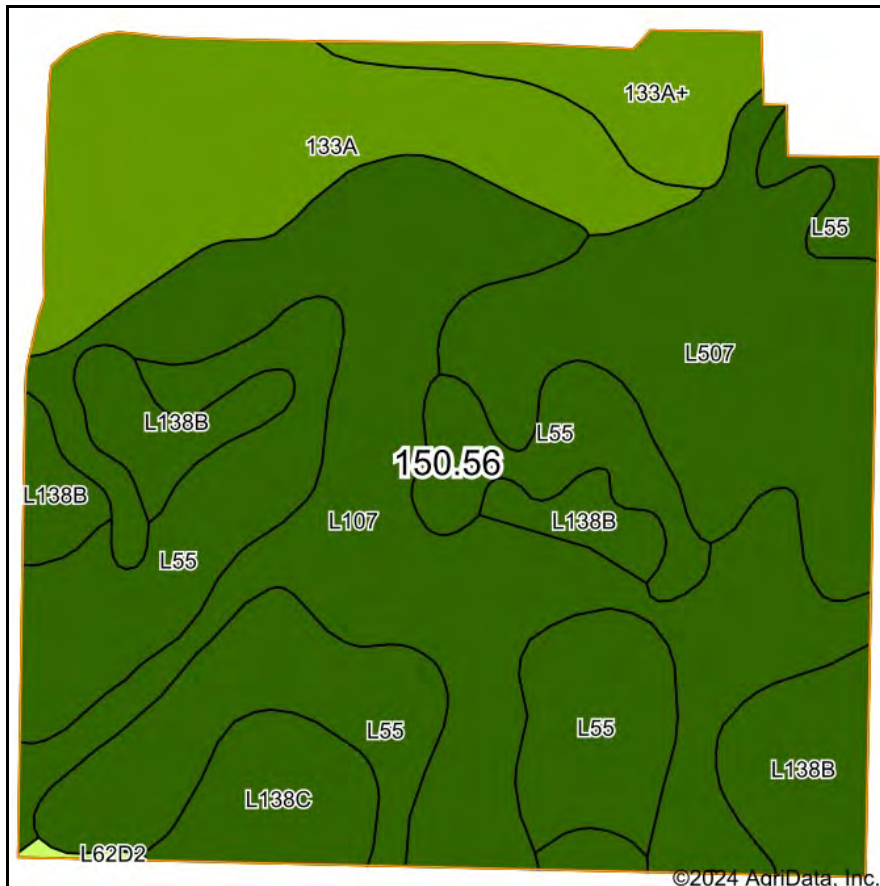
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12/27/2024

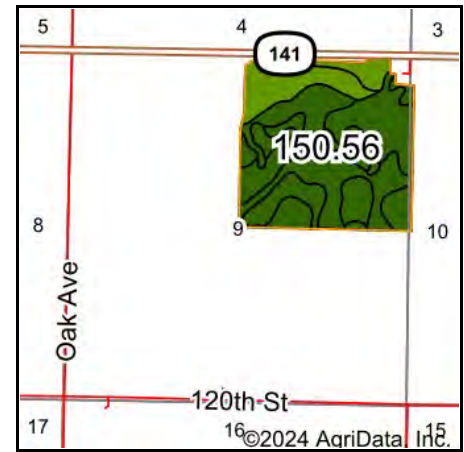
Field borders provided by Farm Service Agency as of 5/21/2008.



## Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
County: **Guthrie**  
Location: **9-81N-31W**  
Township: **Dodge**  
Acres: **150.56**  
Date: **12/27/2024**



Maps Provided By:



Area Symbol: IA077, Soil Area Version: 33

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**	CSR
L107	Webster clay loam, Bemis moraine, 0 to 2 percent slopes	41.52	27.5%		95	IIw	88	
L55	Nicollet loam, 1 to 3 percent slopes	37.91	25.2%		5	Ie	91	
L507	Canisteo clay loam, Bemis moraine, 0 to 2 percent slopes	22.77	15.1%		100	IIw	87	
133A	Colo silty clay loam, deep loess, 0 to 2 percent slopes, occasionally flooded	21.77	14.5%		95	IIw	78	80
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	14.34	9.5%			Ile	88	
133A+	Colo silt loam, deep loess, 0 to 2 percent slopes, overwash, occasionally flooded	6.42	4.3%		90	IIw	78	85
L138C	Clarion loam, Bemis moraine, 6 to 10 percent slopes	5.58	3.7%			IIle	84	
L62D2	Storden loam, Bemis moraine, 10 to 16 percent slopes, moderately eroded	0.25	0.2%			Ive	41	
Weighted Average						1.79	86.5	*

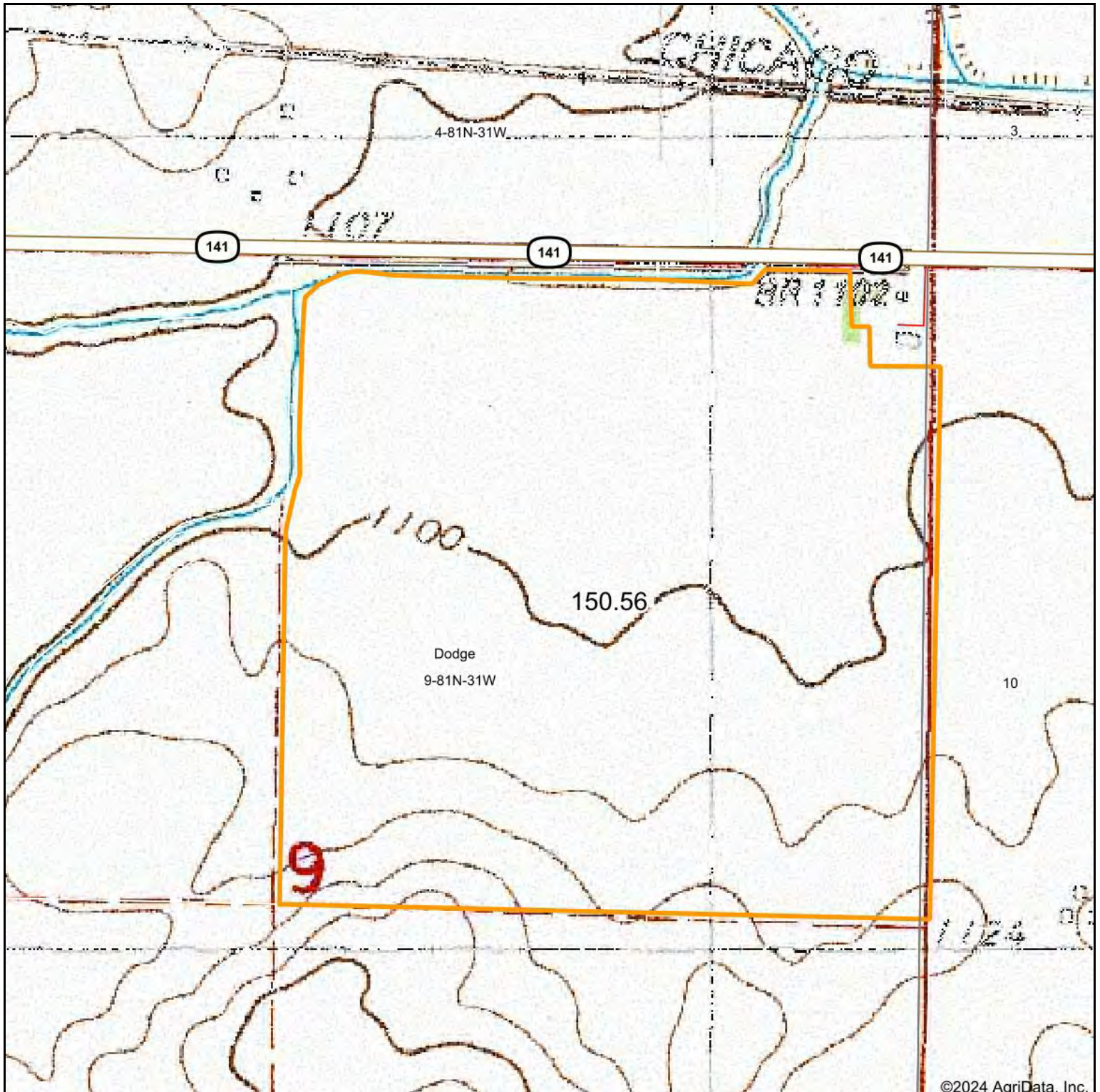
Soils data provided by USDA and NRCS

Soils data provided by USDA and NCRS  
IA has updated the CSR values for each county to CSR2.

\*- CSR weighted average cannot be calculated on the current soils data, use prior data version for csr values.

\*c: Using Capabilities Class Dominant Condition Aggregation Method

# Topography Map



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Map Center: 41° 50' 45.4, -94° 27' 36.45

0ft 629ft 1258ft

Maps Provided By:



**surety**  
CUSTOMIZED ONLINE MAPPING

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**9-81N-31W**  
**Guthrie County**  
**Iowa**

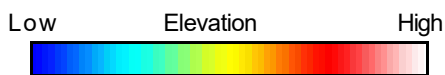
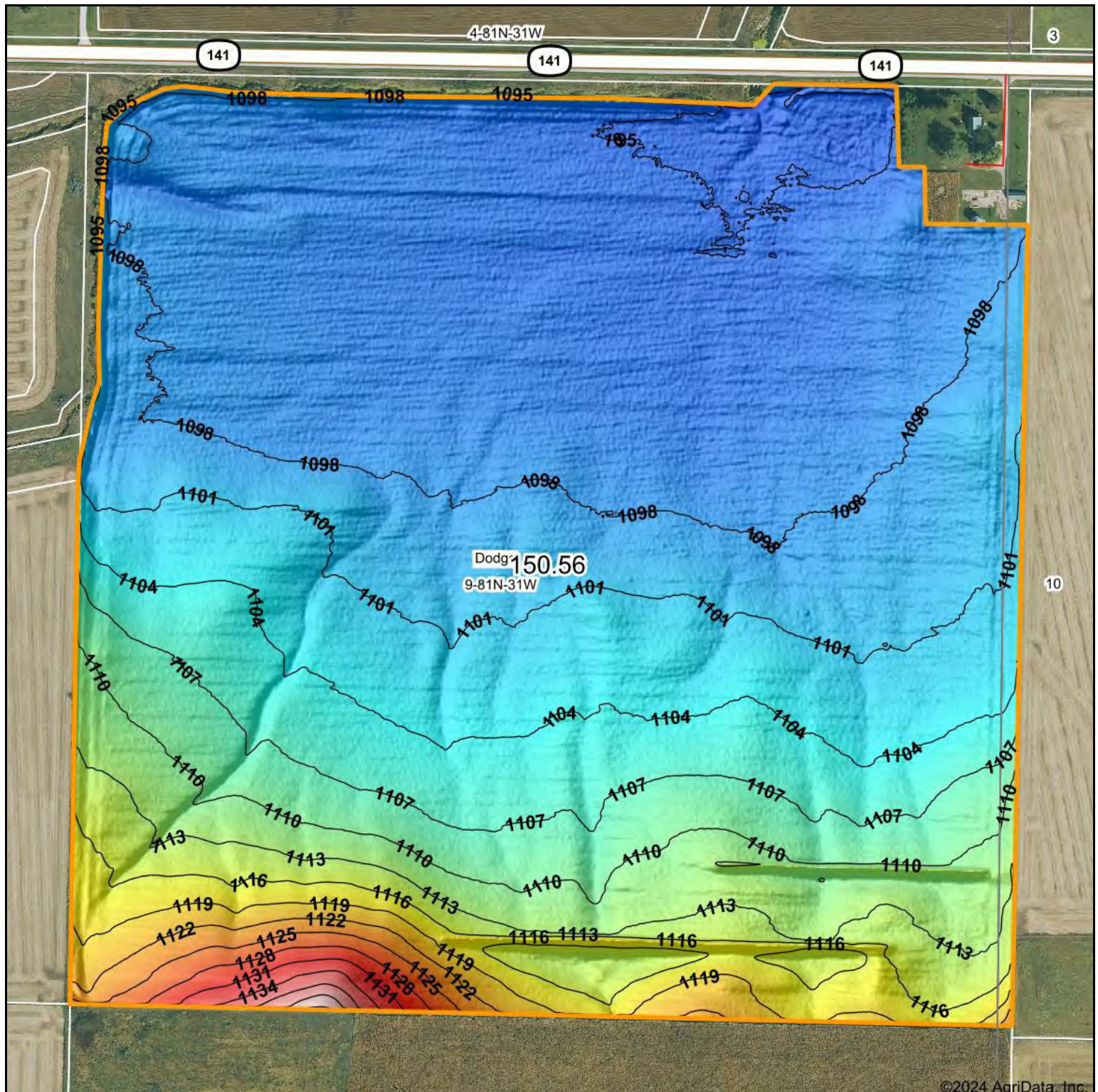


12/27/2024

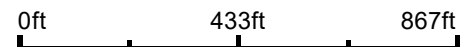
Field borders provided by Farm Service Agency as of 5/21/2008.



# Topography Hillshade



Source: USGS 1 meter dem  
 Interval(ft): 3  
 Min: 1,090.5  
 Max: 1,144.0  
 Range: 53.5  
 Average: 1,103.3  
 Standard Deviation: 8.2 ft



Maps Provided By:



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Field borders provided by Farm Service Agency as of 5/21/2008.



**9-81N-31W**  
**Guthrie County**  
**Iowa**

Boundary Center: 41° 50' 43.77, -94° 27' 33.14



4 Year Crop History



Owner/Operator:

Date:

Address:

Farm Name:

Address:

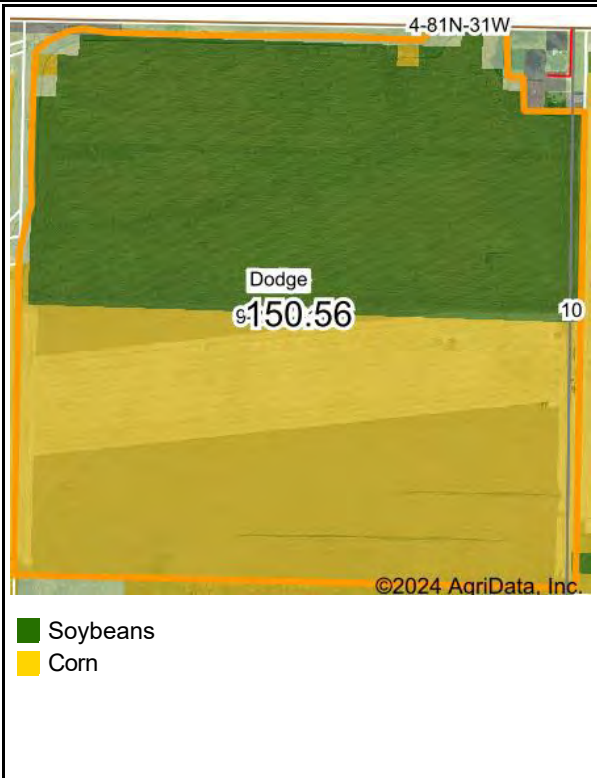
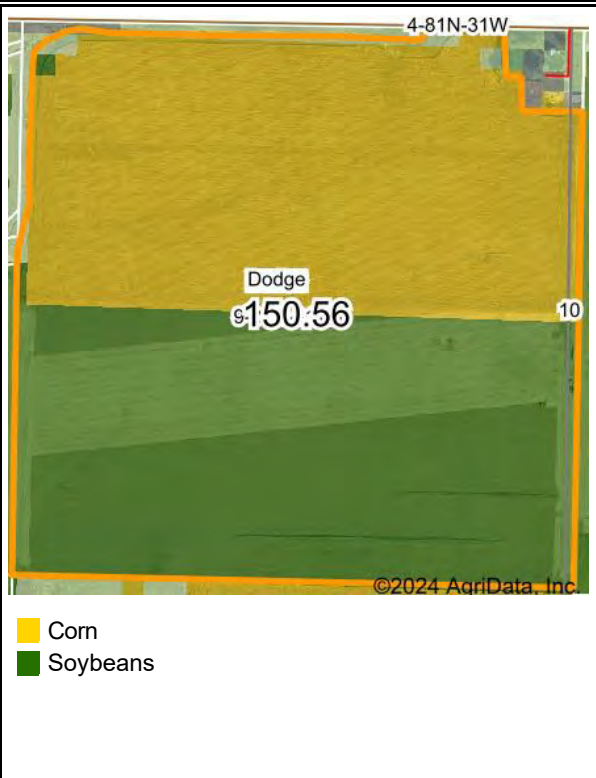
Field ID:

Phone:

Acct. #:

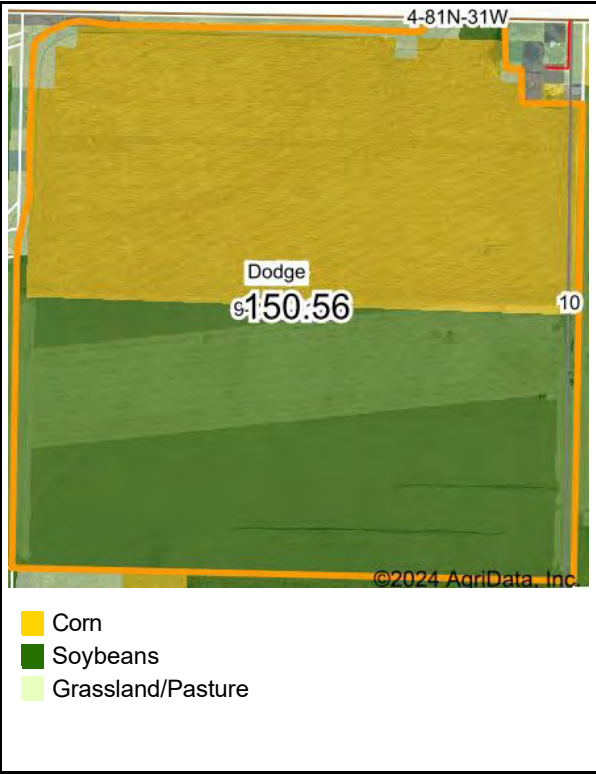
Crop Year:

Crop Year:



Crop Year:

Crop Year:



Boundary Center: 41° 50' 43.77, -94° 27' 33.14

State: IA County: Guthrie

Legal: 9-81N-31W Twnshp: Dodge

Field borders provided by Farm Service Agency as of 5/21/2008. Crop data provided by USDA National Agricultural Statistics Service Cropland Data Layer





Low Relative Biomass High

\_\_\_\_\_

A horizontal number line with three tick marks. The first tick mark is labeled '0ft', the second is labeled '403ft', and the third is labeled '806ft'.



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Standard Deviation: 8.2 ft



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Field borders provided by Farm Service Agency as of 5/21/2008.

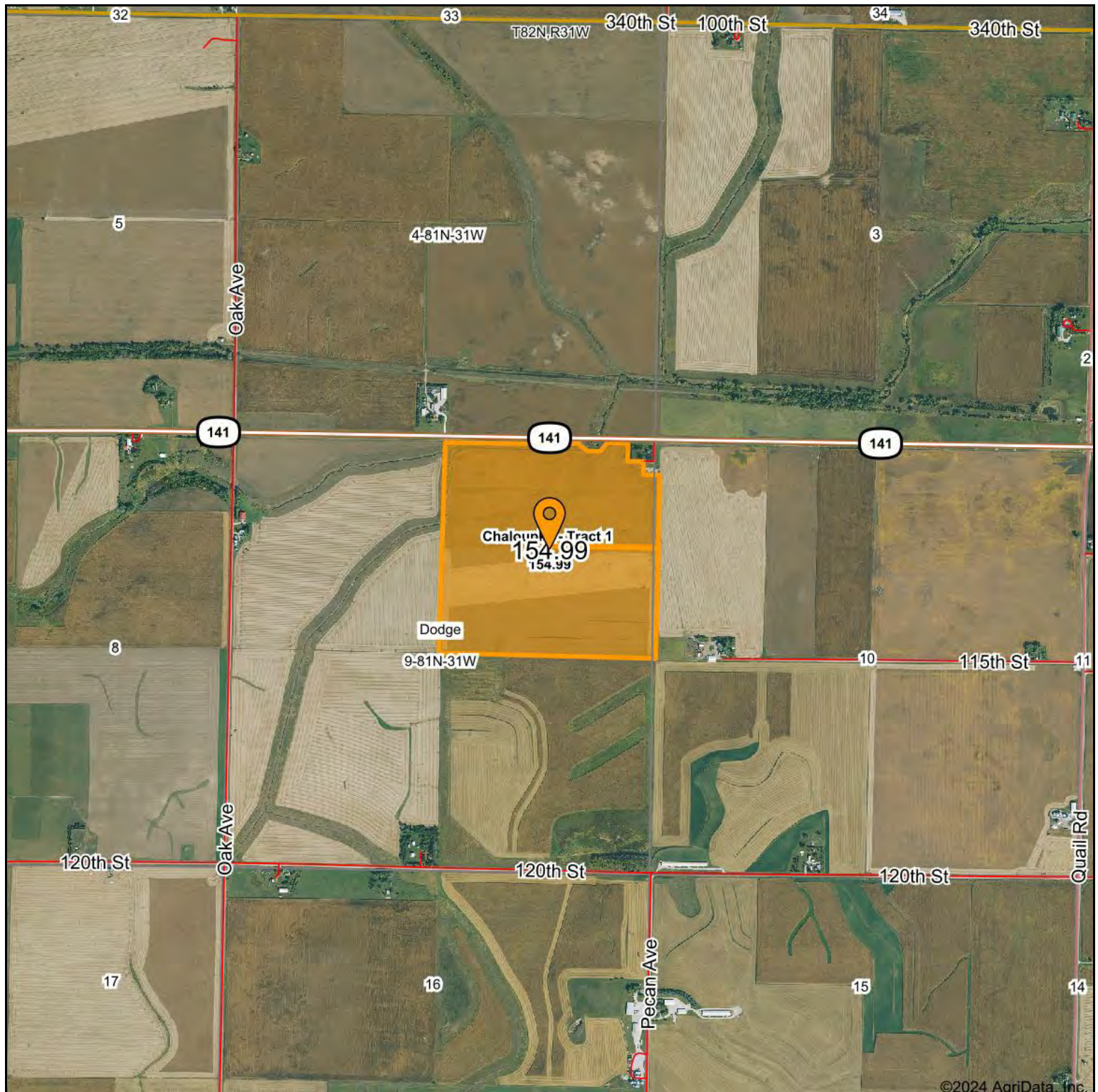


**9-81N-31W**  
**Guthrie County**  
**Iowa**

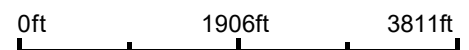
Boundary Center:  
41° 50' 43.77, -94° 27' 33.14



# Location Map

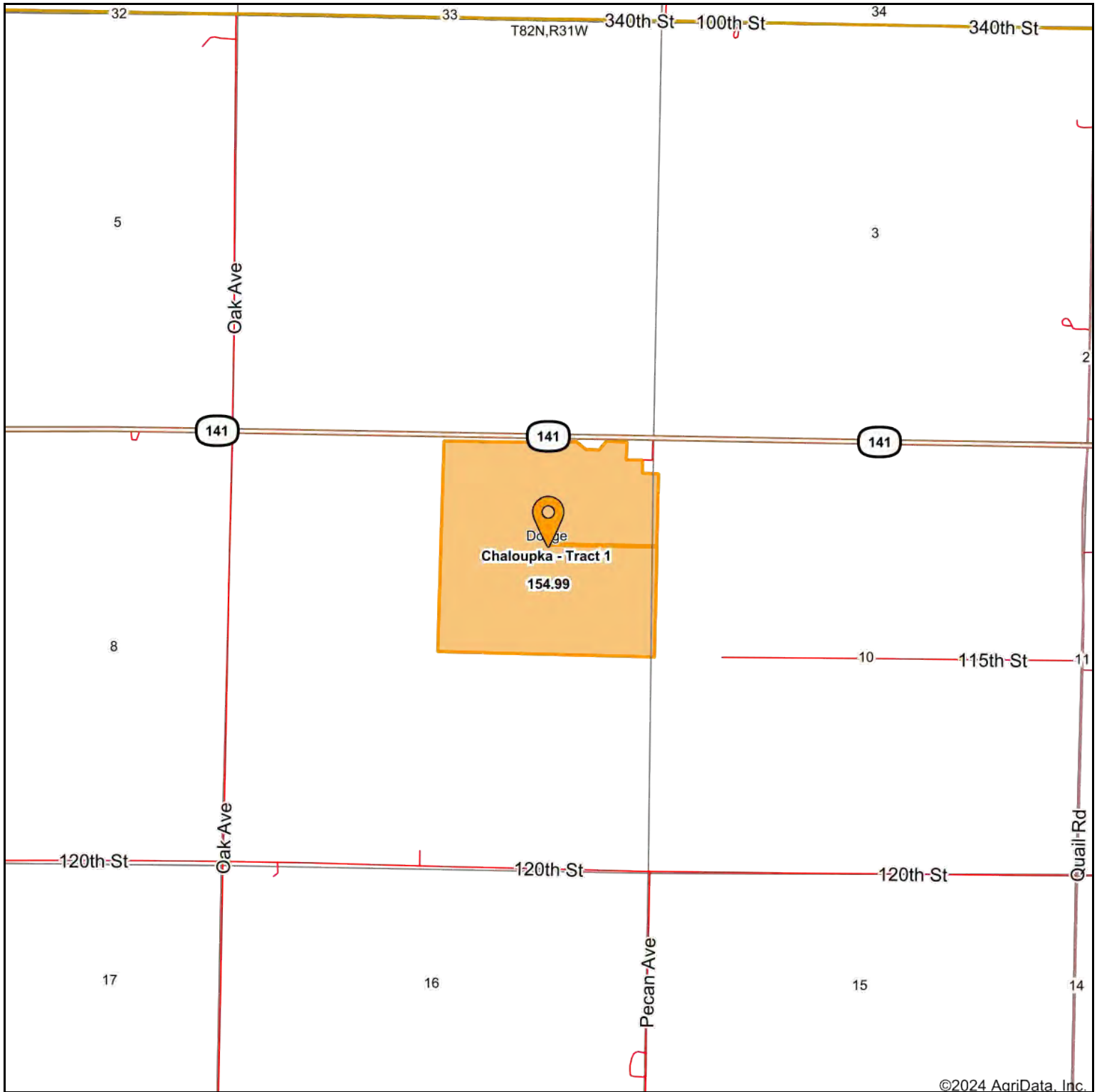


**9-81N-31W**  
**Guthrie County, IA**

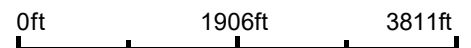




# Location Map



**9-81N-31W**  
**Guthrie County, IA**



12/27/2024

# Aerial Map



©2024 AgriData, Inc.



**24.37 Acres**  
**3-81N-31W**  
**Guthrie County, IA**

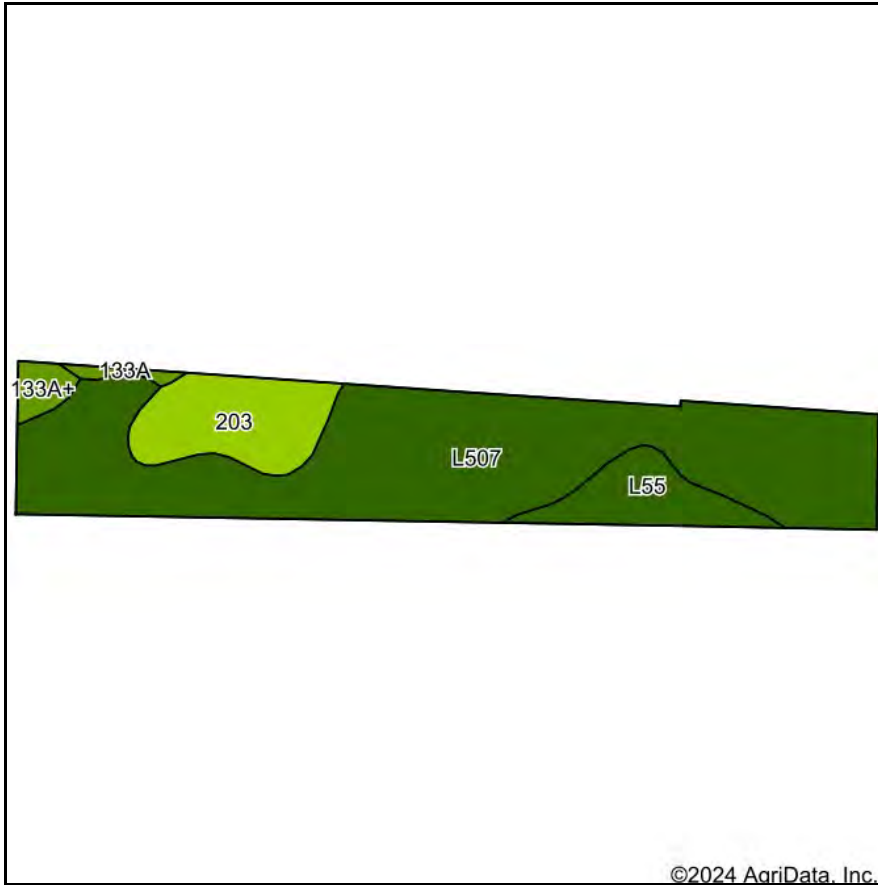
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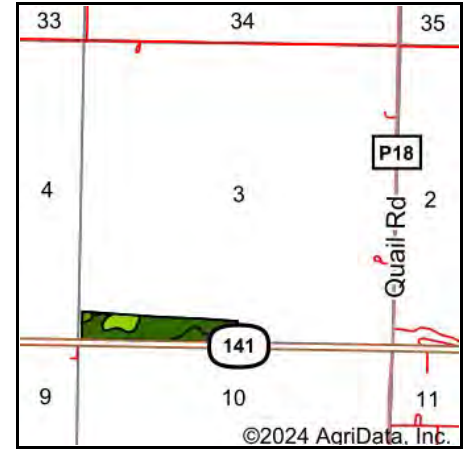
12/27/2024



# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Guthrie**  
 Location: **3-81N-31W**  
 Township: **Dodge**  
 Acres: **24.37**  
 Date: **12/27/2024**



Maps Provided By:



Area Symbol: IA077, Soil Area Version: 33

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**	CSR
L507	Canisteo clay loam, Bemis moraine, 0 to 2 percent slopes	17.88	73.4%		100	IIw	87	
203	Cylinder loam, 0 to 2 percent slopes	3.42	14.0%		15	IIs	58	78
L55	Nicollet loam, 1 to 3 percent slopes	2.26	9.3%		5	Ie	91	
133A+	Colo silt loam, deep loess, 0 to 2 percent slopes, overwash, occasionally flooded	0.58	2.4%		90	IIw	78	85
133A	Colo silty clay loam, deep loess, 0 to 2 percent slopes, occasionally flooded	0.23	0.9%		95	IIw	78	80
<b>Weighted Average</b>						<b>1.91</b>	<b>83</b>	<b>*-</b>

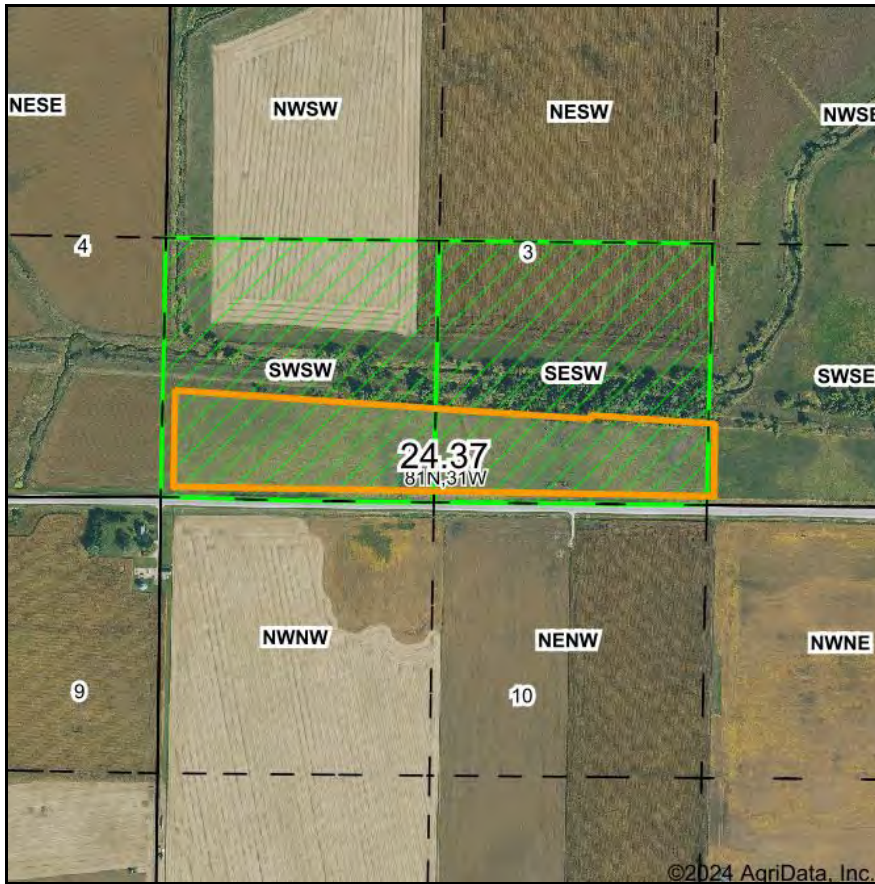
Soils data provided by USDA and NRCS.

IA has updated the CSR values for each county to CSR2.

\*- CSR weighted average cannot be calculated on the current soils data, use prior data version for csr values.

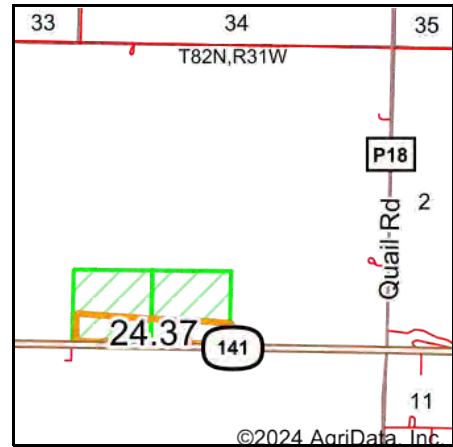
\*c: Using Capabilities Class Dominant Condition Aggregation Method

# PLSS Legal Description



Map Center: 41° 50' 57.28, -94° 27' 5.27

0ft 797ft 1595ft



Acres: **24.37**  
Date: **12/27/2024**  
Township: **Dodge**  
County: **Guthrie**  
State: **Iowa**



Maps Provided By:



PLSS Source: **Bureau of Land Management (BLM)**

PLSS Note: **BLM contains Government Lots and Quarters. Availability and accuracy will vary by location**

Short Legal:

PT SWSW; PT SESW 3-81N-31W

Long Legal:

PART OF THE SW1/4 SW1/4; PART OF THE SE1/4 SW1/4 OF SECTION 3, TOWNSHIP 81 NORTH, 31 WEST, GUTHRIE COUNTY, IOWA



# Aerial Map



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Boundary Center: 41° 51' 0.27, -94° 26' 58.5

0ft 827ft 1654ft

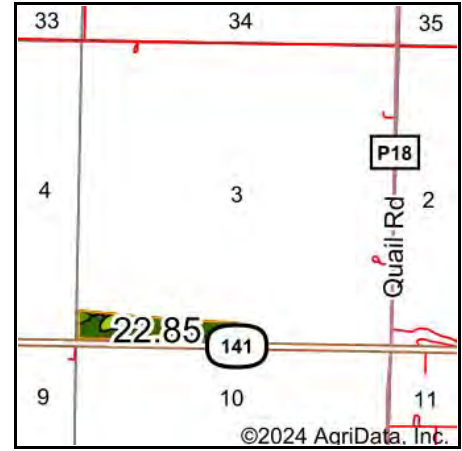
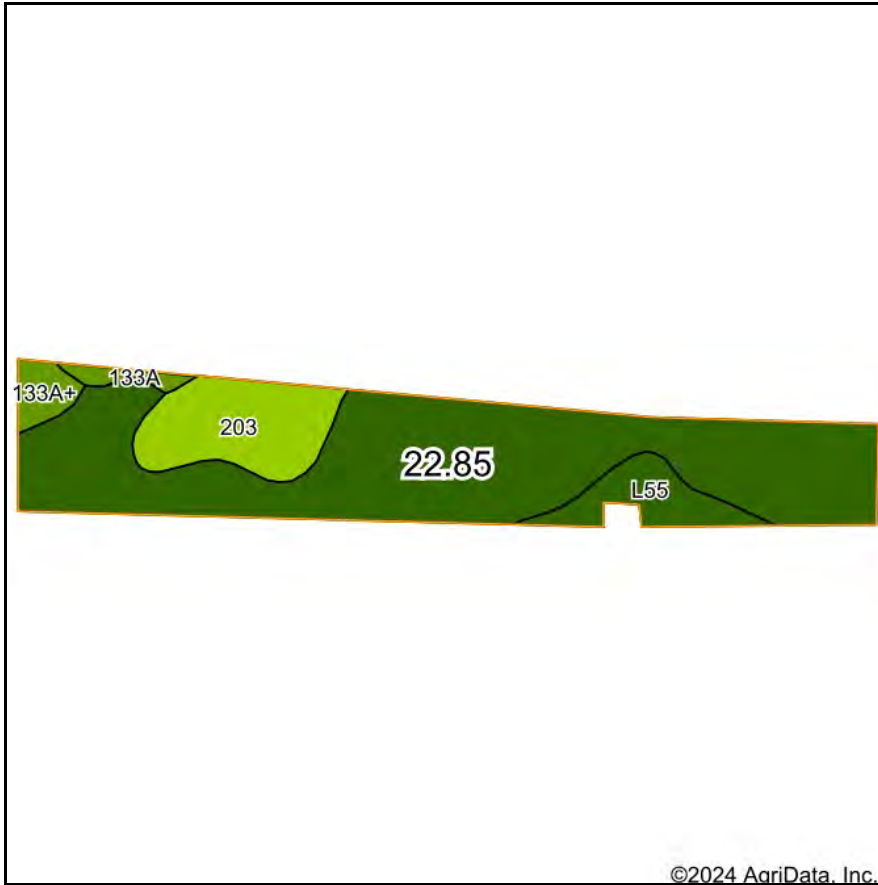
**3-81N-31W**  
**Guthrie County**  
**Iowa**



Maps Provided By:  
 **surety**  
CUSTOMIZED ONLINE MAPPING  
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12/27/2024

# Soils Map



State: **Iowa**  
 County: **Guthrie**  
 Location: **3-81N-31W**  
 Township: **Dodge**  
 Acres: **22.85**  
 Date: **12/27/2024**



Area Symbol: IA077, Soil Area Version: 33								
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**	CSR
L507	Canisteo clay loam, Bemis moraine, 0 to 2 percent slopes	16.47	72.0%		100	IIw	87	
203	Cylinder loam, 0 to 2 percent slopes	3.51	15.4%		15	IIs	58	78
L55	Nicollet loam, 1 to 3 percent slopes	1.76	7.7%		5	Ie	91	
133A+	Colo silt loam, deep loess, 0 to 2 percent slopes, overwash, occasionally flooded	0.71	3.1%		90	IIw	78	85
133A	Colo silty clay loam, deep loess, 0 to 2 percent slopes, occasionally flooded	0.40	1.8%		95	IIw	78	80
<b>Weighted Average</b>						<b>1.92</b>	<b>82.4</b>	<b>*-</b>

Soils data provided by USDA and NRCS.

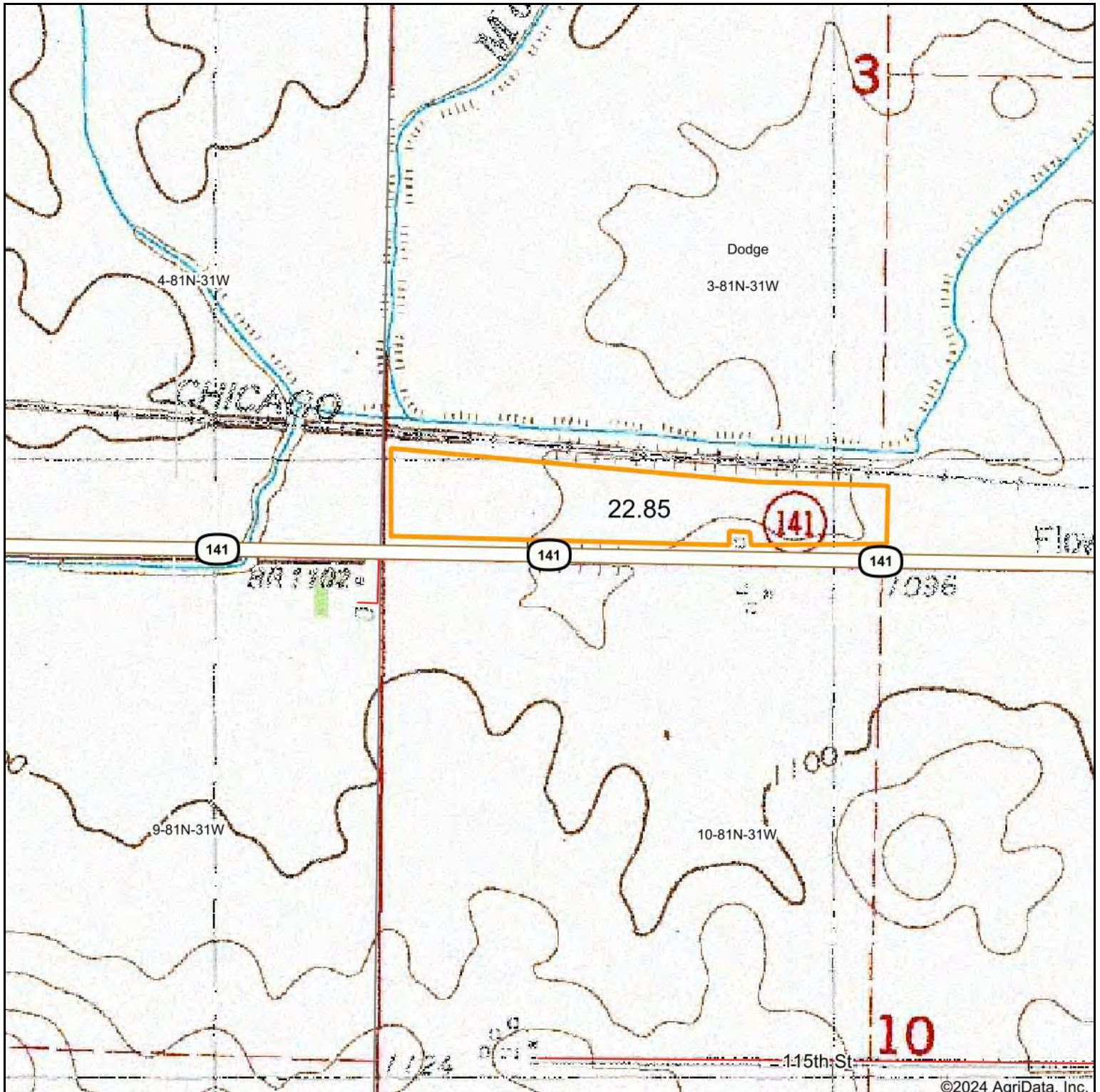
IA has updated the CSR values for each county to CSR2.

\*- CSR weighted average cannot be calculated on the current soils data, use prior data version for csr values.

\*c: Using Capabilities Class Dominant Condition Aggregation Method



# Topography Map



 **WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Map Center: 41° 50' 57.56, -94° 27' 4.73

0ft 827ft 1654ft

Maps Provided By:

 **surety**  
CUSTOMIZED ONLINE MAPPING

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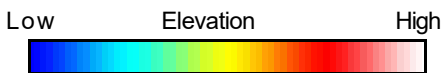
**3-81N-31W**  
**Guthrie County**  
**Iowa**



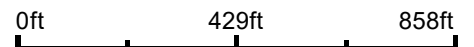
12/27/2024



# Topography Hillshade



Source: USGS 1 meter dem  
Interval(ft): 3  
Min: 1,088.5  
Max: 1,099.7  
Range: 11.2  
Average: 1,092.5  
Standard Deviation: 2.36 ft



Maps Provided By:



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12/27/2024

**3-81N-31W**  
**Guthrie County**  
**Iowa**

Boundary Center: 41° 51' 0.27, -94° 26' 58.5



4 Year Crop History



Owner/Operator:

Date:

Address:

Farm Name:

Address:

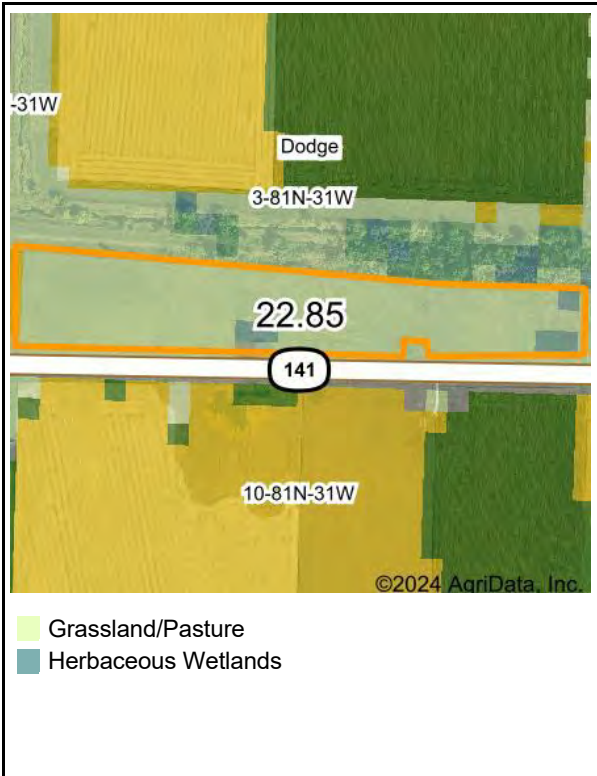
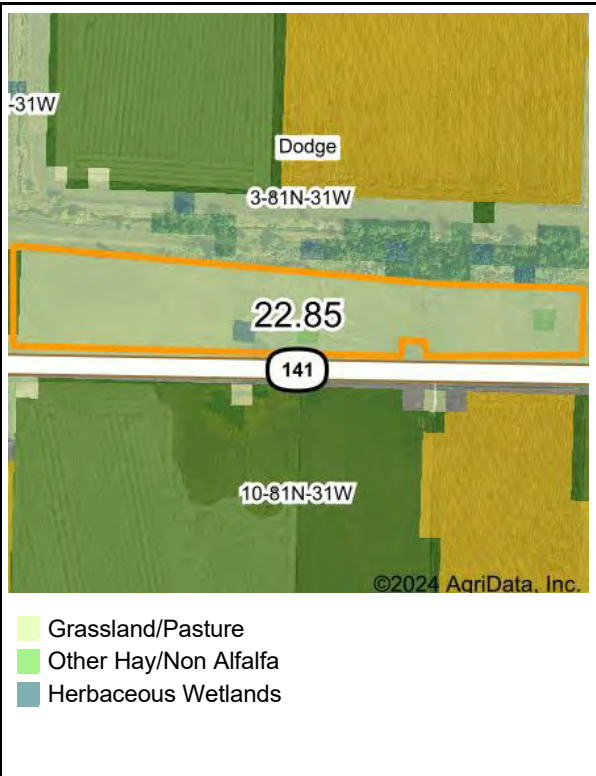
Field ID:

Phone:

Acct. #:

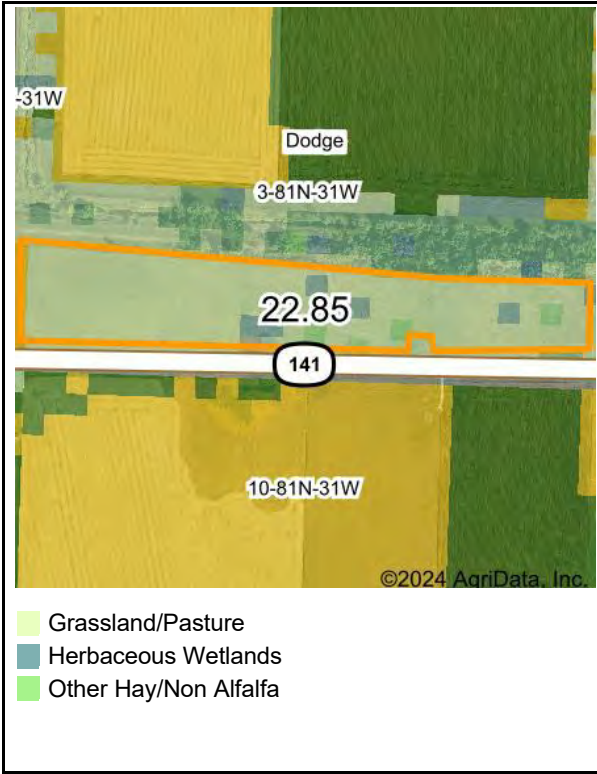
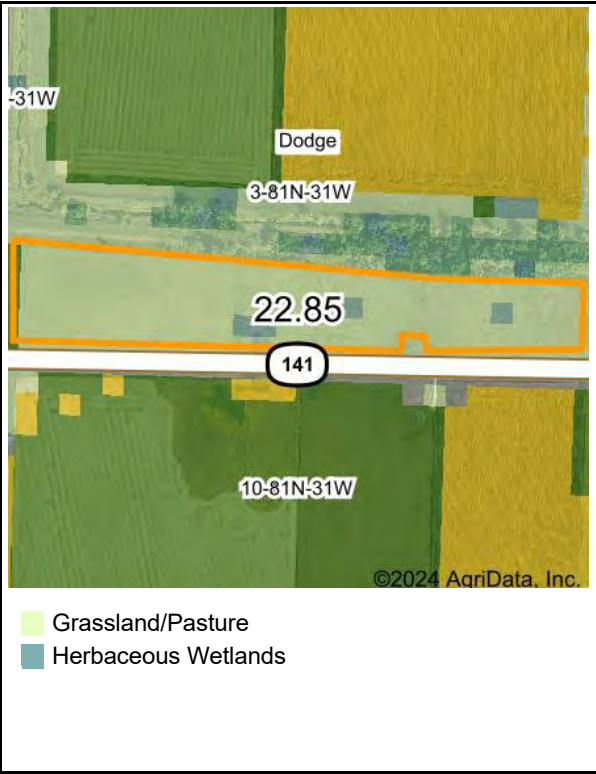
Crop Year:

Crop Year:



Crop Year:

Crop Year:



Boundary Center: 41° 51' 0.27, -94° 26' 58.5

State: IA County: Guthrie

Legal: 3-81N-31W Twnshp: Dodge

Crop data provided by USDA National Agricultural Statistics Service Cropland Data Layer





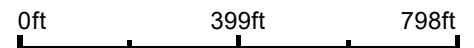
# Plant Growth(NDVI) with Hillshade 2024



©2024 AgriData, Inc.



Crop:



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Maps Provided By:



© AgriData, Inc. 2023 www.AgriDataInc.com

Elevation Min: 1,088.5

Max: 1,099.7

Range: 11.2

Average: 1,092.5

Standard Deviation: 2.36 ft



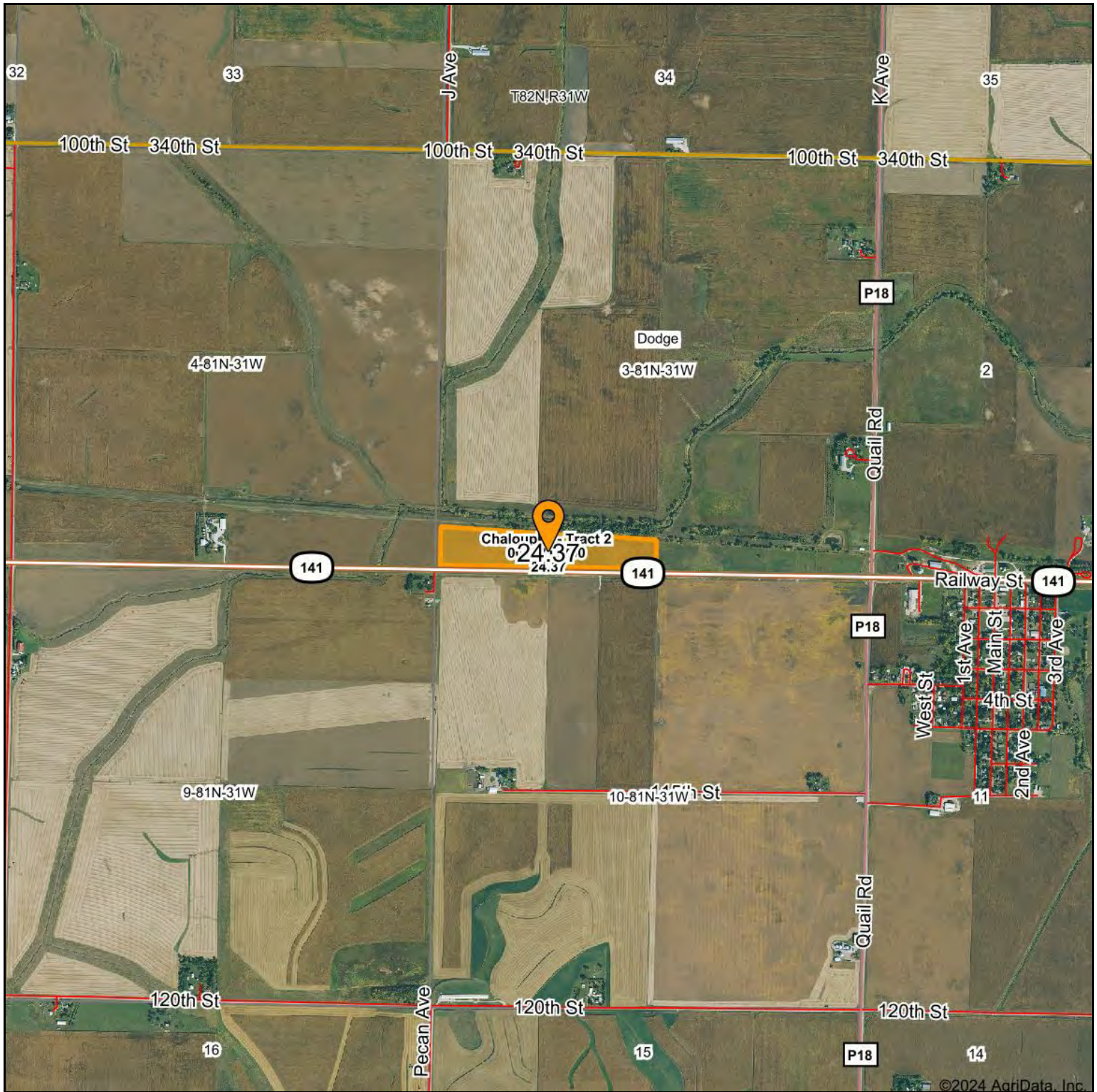
12/27/2024

**3-81N-31W**  
**Guthrie County**  
**Iowa**

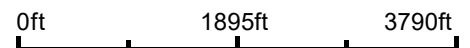
Boundary Center:  
41° 51' 0.27, -94° 26' 58.5



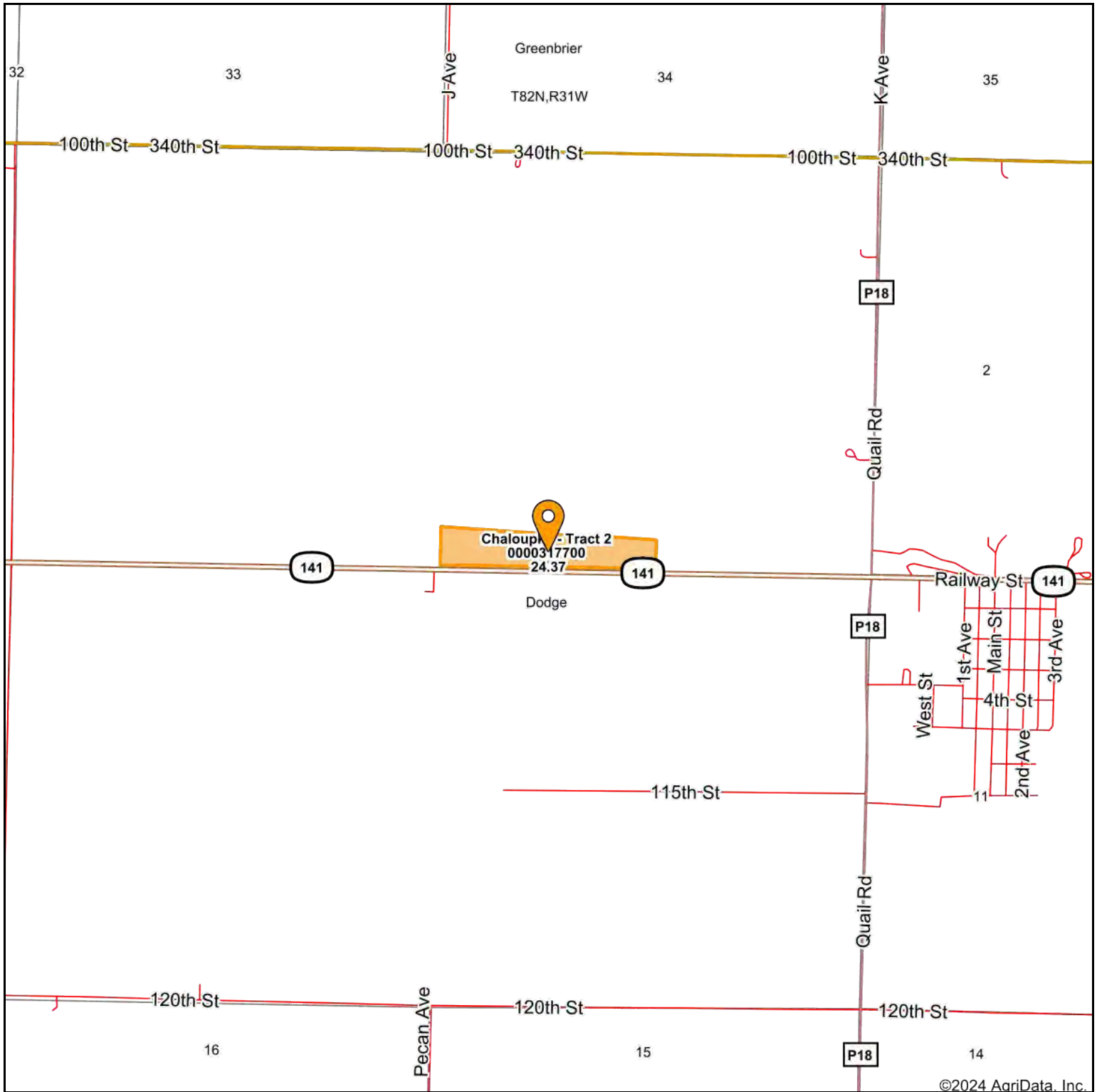
# Location Map



**3-81N-31W**  
**Guthrie County, IA**



# Location Map



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Maps Provided By:



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**3-81N-31W**  
**Guthrie County, IA**



12/27/2024

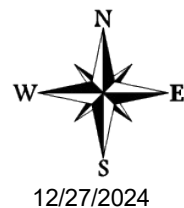


# Aerial Map

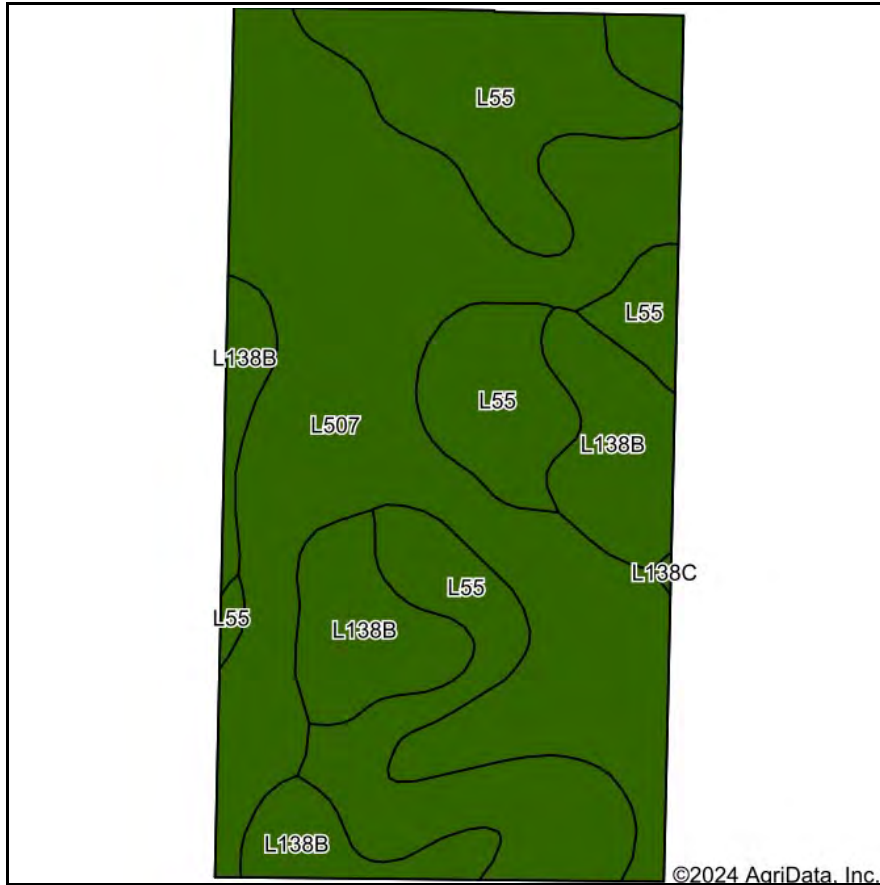


**79 Acres**  
**10-81N-31W**  
**Guthrie County, IA**

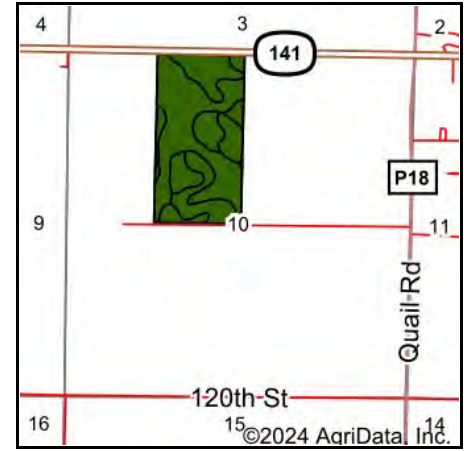
0ft 638ft 1276ft



# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Guthrie**  
 Location: **10-81N-31W**  
 Township: **Dodge**  
 Acres: **79**  
 Date: **12/27/2024**



Maps Provided By:



Area Symbol: IA077, Soil Area Version: 33

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**
L507	Canisteo clay loam, Bemis moraine, 0 to 2 percent slopes	39.14	49.6%		100	IIw	87
L55	Nicollet loam, 1 to 3 percent slopes	25.93	32.8%		5	Ie	91
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	13.85	17.5%			Ile	88
L138C	Clarion loam, Bemis moraine, 6 to 10 percent slopes	0.08	0.1%			IIle	84
<b>Weighted Average</b>						<b>1.67</b>	<b>88.5</b>

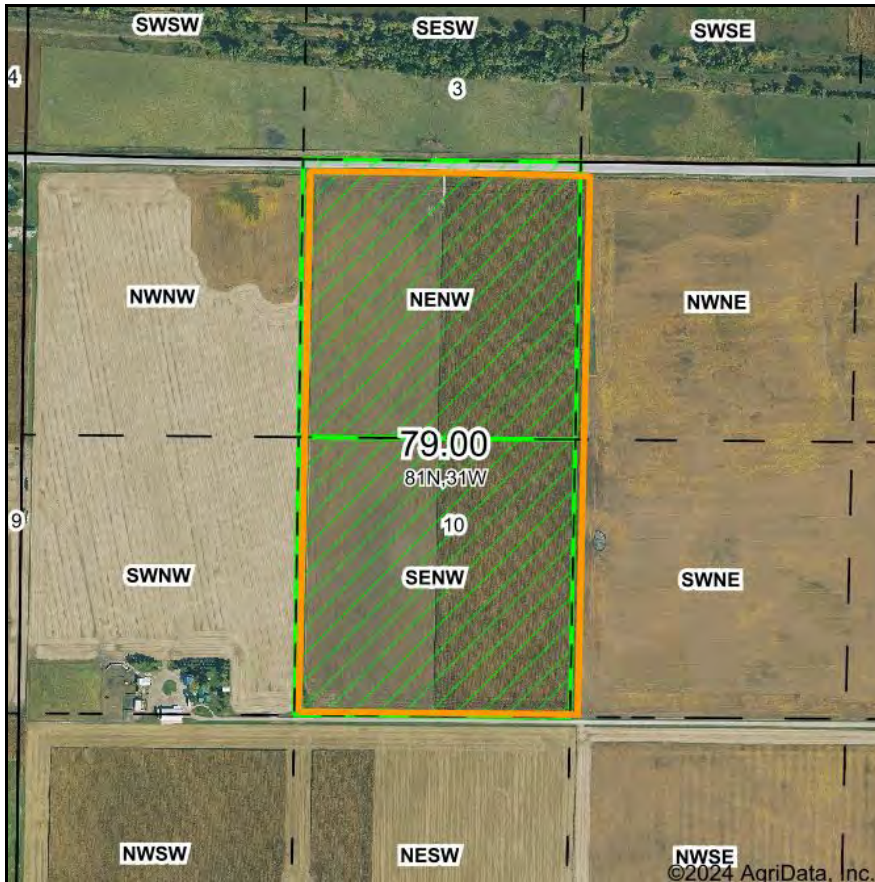
Soils data provided by USDA and NRCS.

\*A has updated the CSR values for each county to CSR2.

\*c: Using Capabilities Class Dominant Condition Aggregation Method

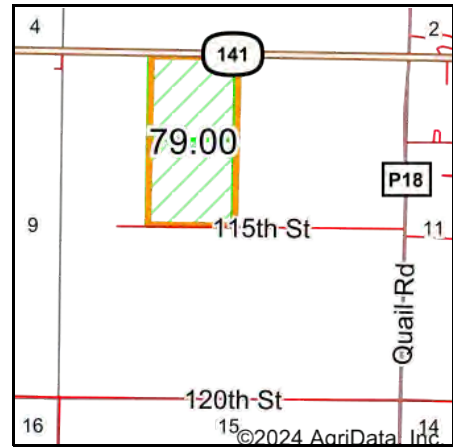


# PLSS Legal Description



Map Center: 41° 50' 44.94, -94° 26' 49

0ft 784ft 1568ft



Acres: 79  
Date: 12/27/2024  
Township: Dodge  
County: Guthrie  
State: Iowa



Maps Provided By:



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PLSS Source: **Bureau of Land Management (BLM)**

PLSS Note: **BLM contains Government Lots and Quarters. Availability and accuracy will vary by location**

Short Legal:

E2NW 10-81N-31W

Long Legal:

E1/2 NW1/4 OF SECTION 10, TOWNSHIP 81 NORTH, 31 WEST, GUTHRIE COUNTY, IOWA



# Aerial Map



©2024 AgriData, Inc.

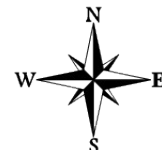


**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Boundary Center: 41° 50' 43.86, -94° 26' 49.62

0ft 638ft 1276ft

**10-81N-31W**  
**Guthrie County**  
**Iowa**



Maps Provided By:



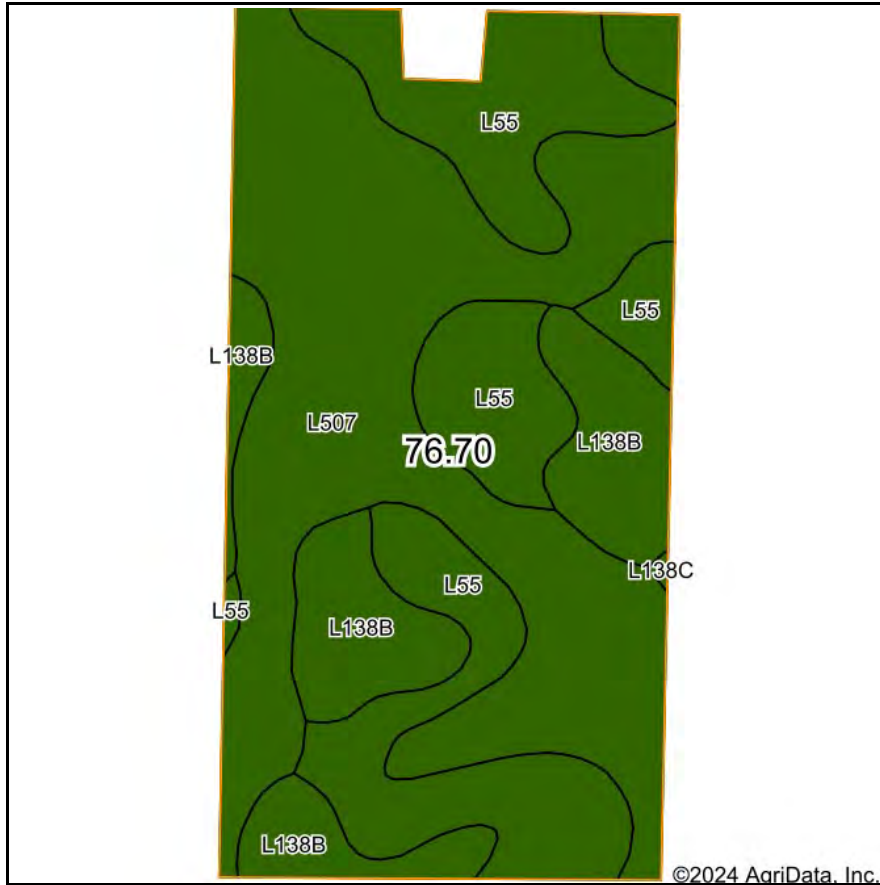
© AgriData, Inc. 2023 www.AgriDataInc.com

12/27/2024

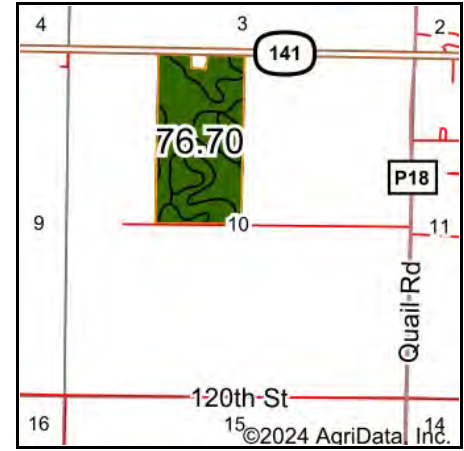
Field borders provided by Farm Service Agency as of 5/21/2008.



# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Guthrie**  
 Location: **10-81N-31W**  
 Township: **Dodge**  
 Acres: **76.7**  
 Date: **12/27/2024**



Maps Provided By:



Area Symbol: IA077, Soil Area Version: 33

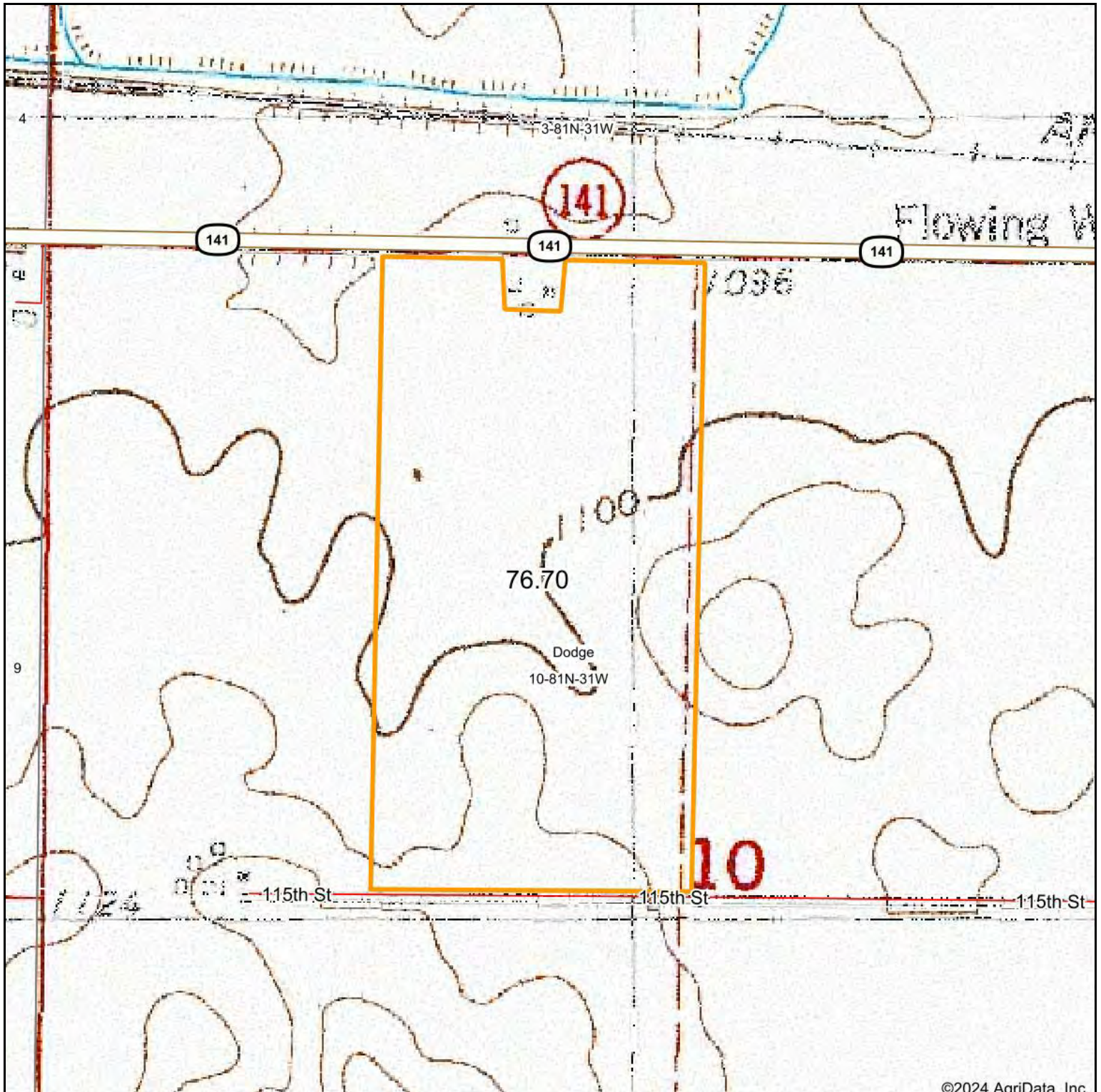
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**
L507	Canisteo clay loam, Bemis moraine, 0 to 2 percent slopes	38.51	50.2%		100	IIw	87
L55	Nicollet loam, 1 to 3 percent slopes	24.57	32.0%		5	Ie	91
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	13.54	17.7%			Ile	88
L138C	Clarion loam, Bemis moraine, 6 to 10 percent slopes	0.08	0.1%			IIle	84
<b>Weighted Average</b>						<b>1.68</b>	<b>88.5</b>

Soils data provided by USDA and NRCS.

\*A has updated the CSR values for each county to CSR2.

\*c: Using Capabilities Class Dominant Condition Aggregation Method

# Topography Map



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Map Center: 41° 50' 44.94, -94° 26' 49

0ft 638ft 1276ft

Maps Provided By:



**surety**  
CUSTOMIZED ONLINE MAPPING

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**10-81N-31W**  
**Guthrie County**  
**Iowa**

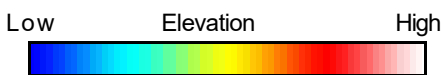
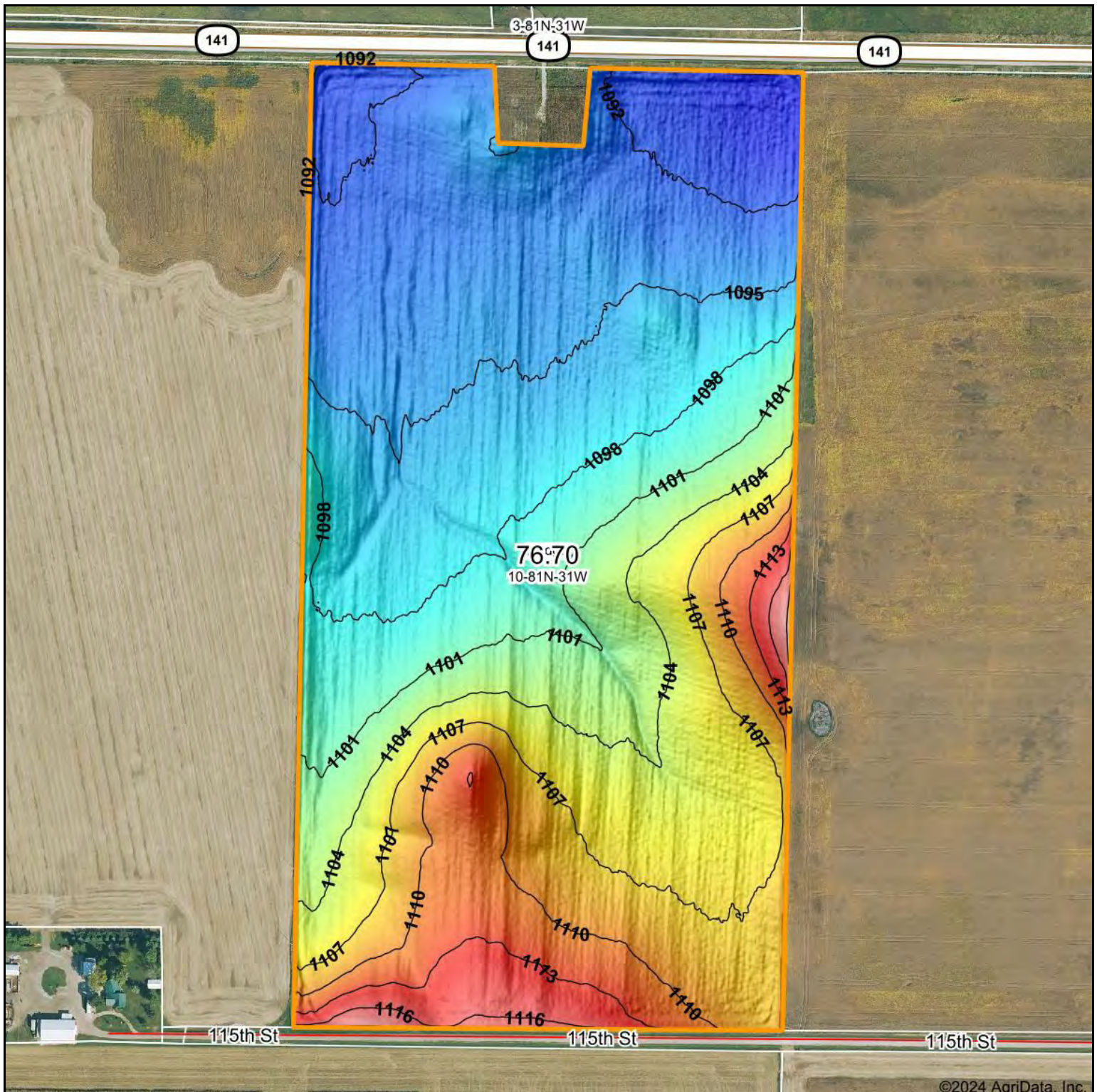


12/27/2024

Field borders provided by Farm Service Agency as of 5/21/2008.



# Topography Hillshade



Source: USGS 1 meter dem  
Interval(ft): 3

0ft 418ft 835ft

**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Maps Provided By:

**surety**  
CUSTOMIZED ONLINE MAPPING

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Min: 1,089.9  
Max: 1,121.8  
Range: 31.9  
Average: 1,100.9  
Standard Deviation: 6.96 ft



12/27/2024

**10-81N-31W**  
**Guthrie County**  
**Iowa**

Boundary Center: 41° 50' 43.86, -94° 26' 49.62

Field borders provided by Farm Service Agency as of 5/21/2008.



4 Year Crop History



Owner/Operator:

Address:

Address:

Phone:

Date:

Farm Name:

Field ID:

Acct. #:

Crop Year:

Crop Year:



Crop Year:

Crop Year:



Boundary Center: 41° 50' 43.86, -94° 26' 49.62

State: IA County: Guthrie

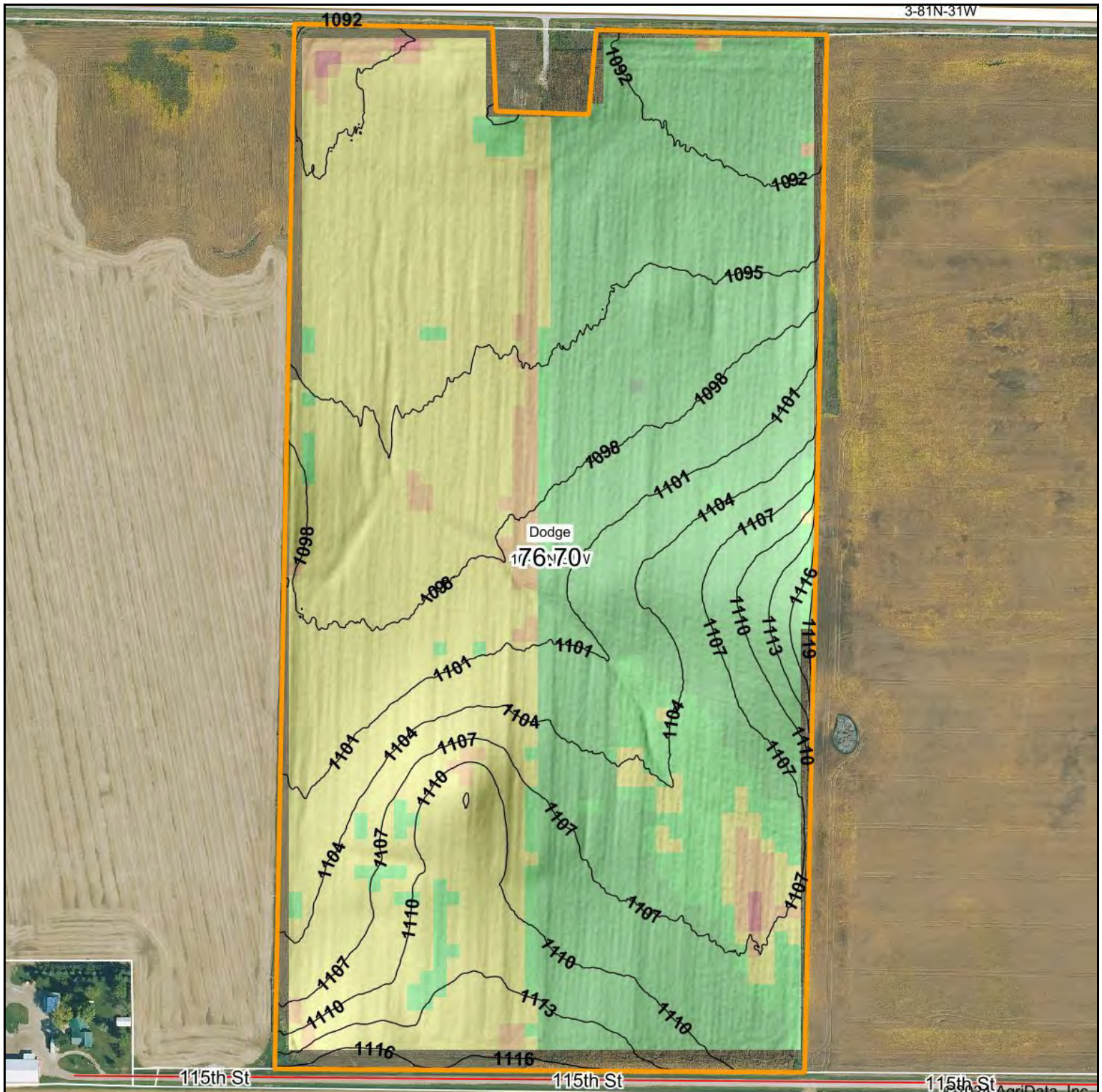
Legal: 10-81N-31W Twnshp: Dodge

Field borders provided by Farm Service Agency as of 5/21/2008. Crop data provided by USDA National Agricultural Statistics Service Cropland Data Layer





# Plant Growth(NDVI) with Hillshade 2024



Low Relative Biomass High

Crop:

0ft 387ft 775ft



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Elevation Min: 1,089.9

Max: 1,121.8

Range: 31.9

Average: 1,100.9

Standard Deviation: 6.96 ft



12/27/2024

**10-81N-31W**  
**Guthrie County**  
**Iowa**

Boundary Center:  
41° 50' 43.86, -94° 26' 49.62

Maps Provided By:

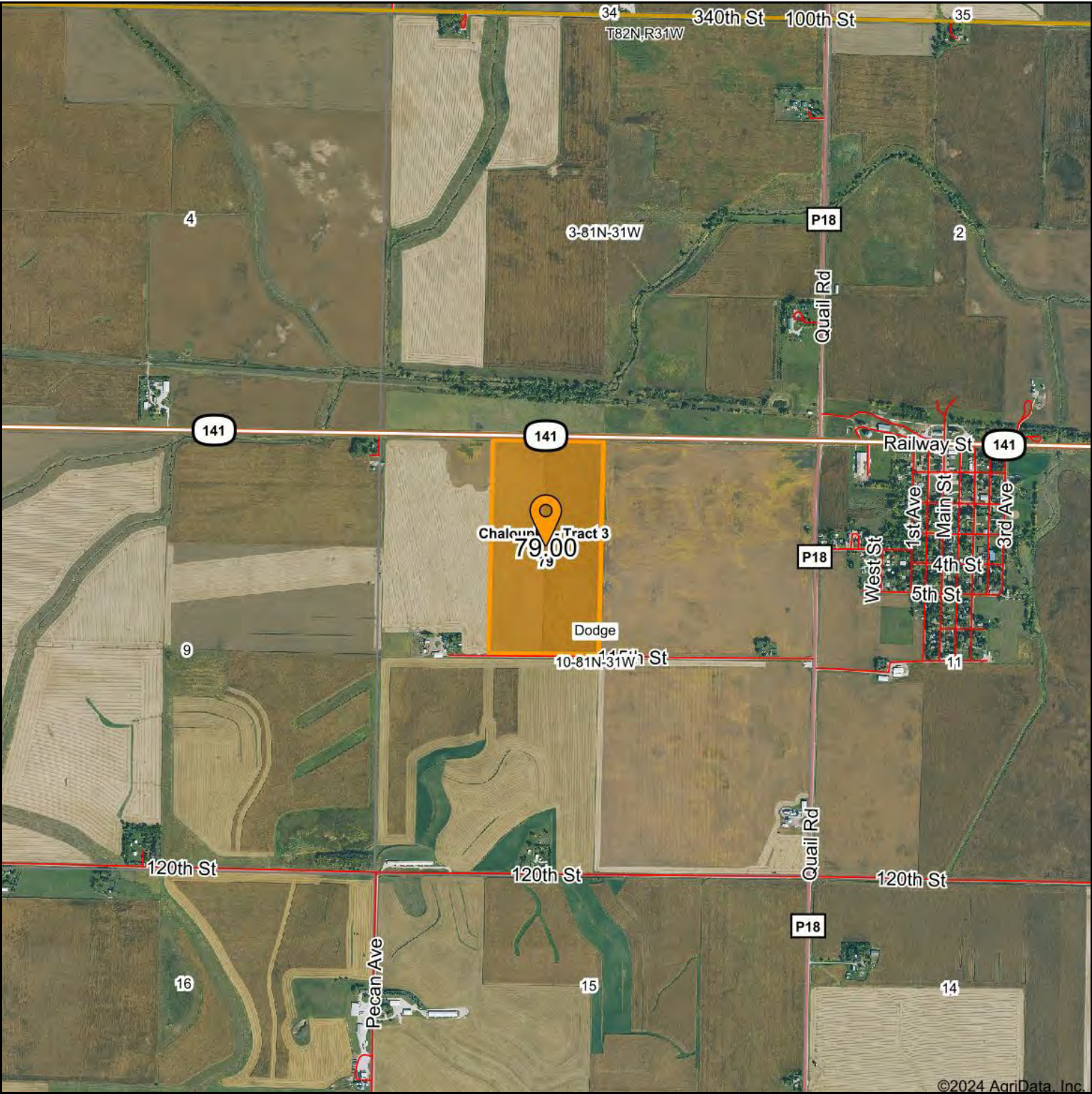


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Field borders provided by Farm Service Agency as of 5/21/2008.



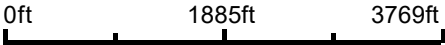
Location Map



©2024 AgriData, Inc.

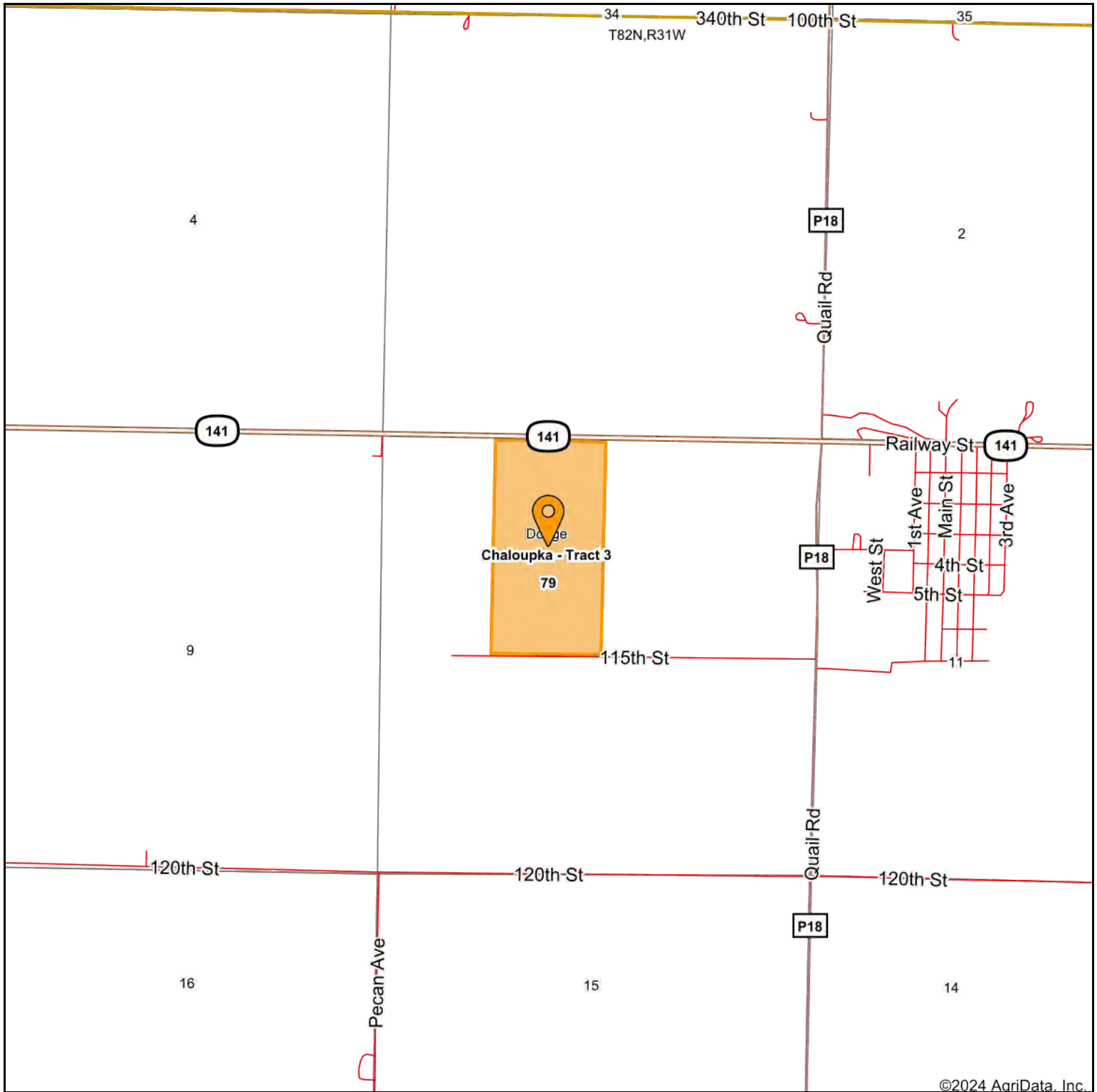


10-81N-31W  
Guthrie County, IA





# Location Map



0ft 1885ft 3769ft

**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

**10-81N-31W**  
**Guthrie County, IA**

Maps Provided By:  
**surety**  
CUSTOMIZED ONLINE MAPPING  
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# Aerial Map



Maps Provided By:



**70 Acres**  
**28-81N-30W**  
**Guthrie County, IA**

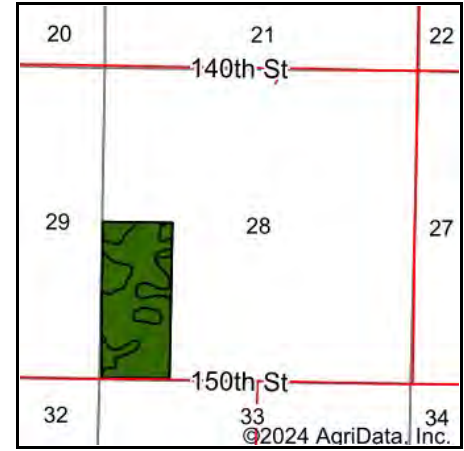
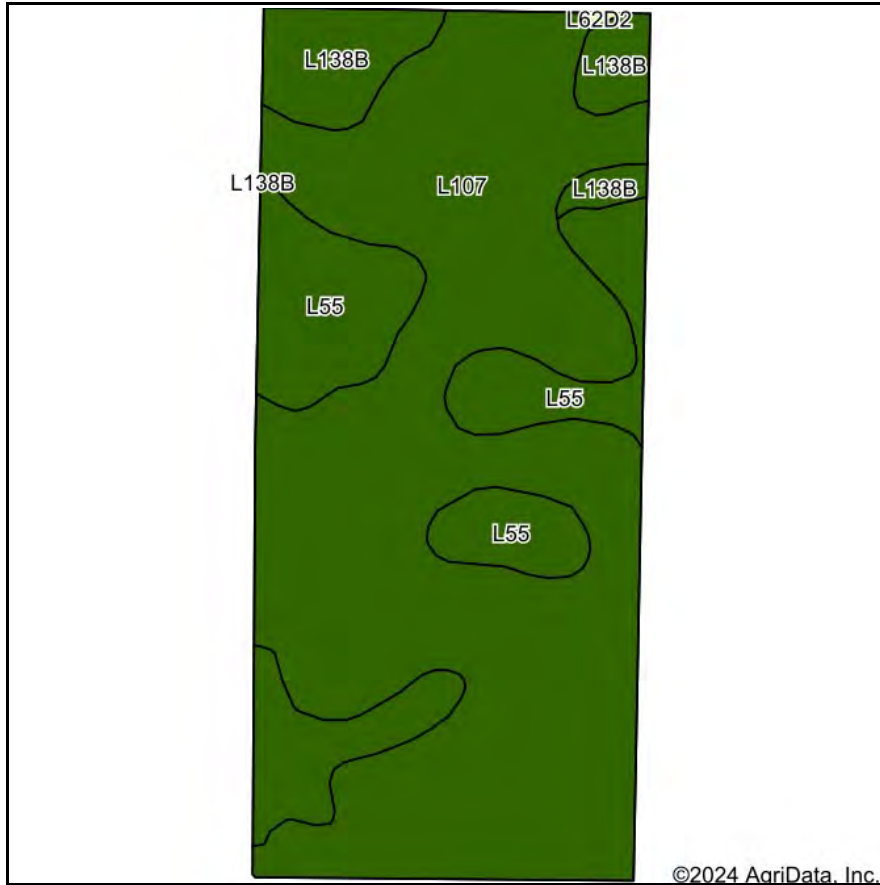
0ft      635ft      1271ft



12/27/2024



# Soils Map



State: **Iowa**  
 County: **Guthrie**  
 Location: **28-81N-30W**  
 Township: **Richland**  
 Acres: **70**  
 Date: **12/27/2024**



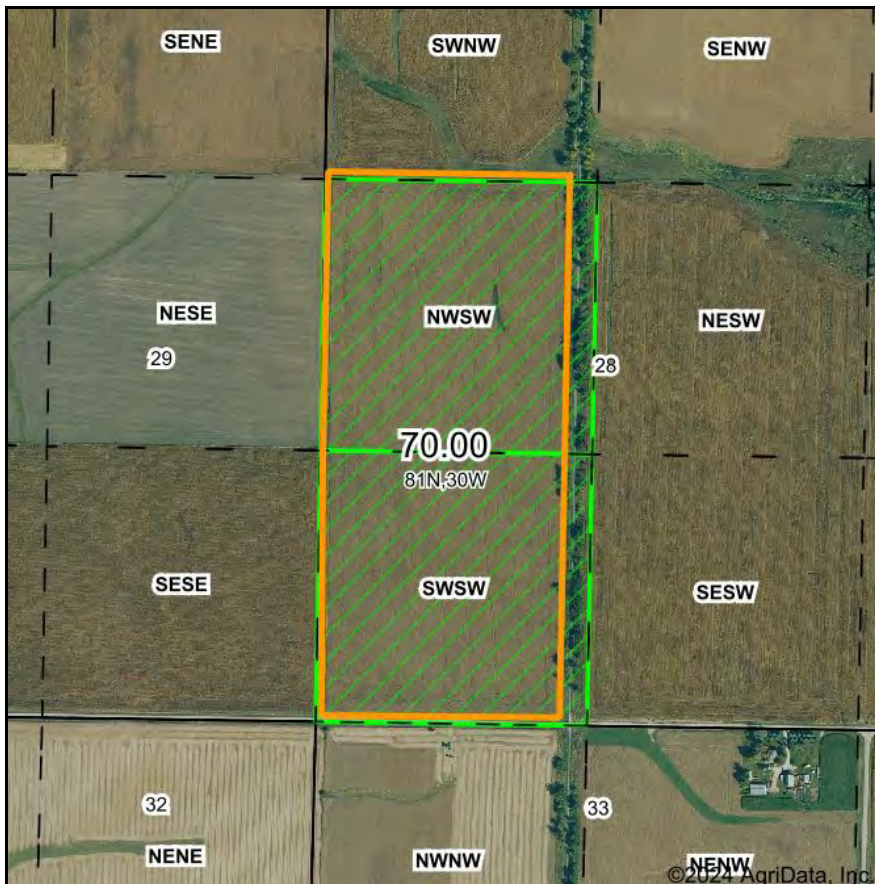
Area Symbol: IA077, Soil Area Version: 33							
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**
L107	Webster clay loam, Bemis moraine, 0 to 2 percent slopes	49.54	70.8%		95	IIw	88
L55	Nicollet loam, 1 to 3 percent slopes	15.08	21.5%		5	Ie	91
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	5.31	7.6%			Ile	88
L62D2	Storden loam, Bemis moraine, 10 to 16 percent slopes, moderately eroded	0.07	0.1%			IVe	41
<b>Weighted Average</b>						<b>1.79</b>	<b>88.6</b>

Soils data provided by USDA and NRCS.

\*A has updated the CSR values for each county to CSR2.

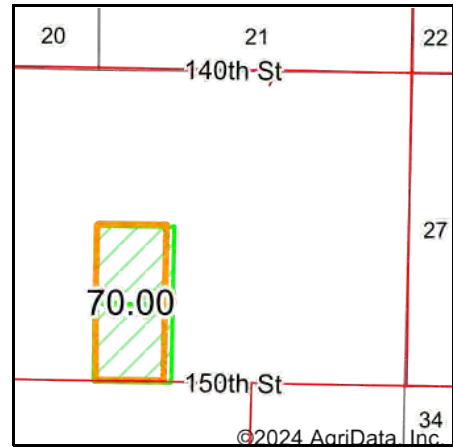
\*c: Using Capabilities Class Dominant Condition Aggregation Method

# PLSS Legal Description



Map Center: 41° 47' 38.21, -94° 21' 24.31

0ft 792ft 1584ft



Acres: 70  
Date: 12/27/2024  
Township: Richland  
County: Guthrie  
State: Iowa



Maps Provided By:



PLSS Source: **Bureau of Land Management (BLM)**  
PLSS Note: **BLM contains Government Lots and Quarters. Availability and accuracy will vary by location**

Short Legal:

PT NWSW; PT SWSW 28-81N-30W

Long Legal:

PART OF THE NW1/4 SW1/4; PART OF THE SW1/4 SW1/4 OF SECTION 28, TOWNSHIP 81 NORTH, 30 WEST, GUTHRIE COUNTY, IOWA



# Aerial Map



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**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Boundary Center: 41° 47' 41.65, -94° 21' 19.66

0ft 635ft 1271ft

**28-81N-30W**  
**Guthrie County**  
**Iowa**



Maps Provided By:

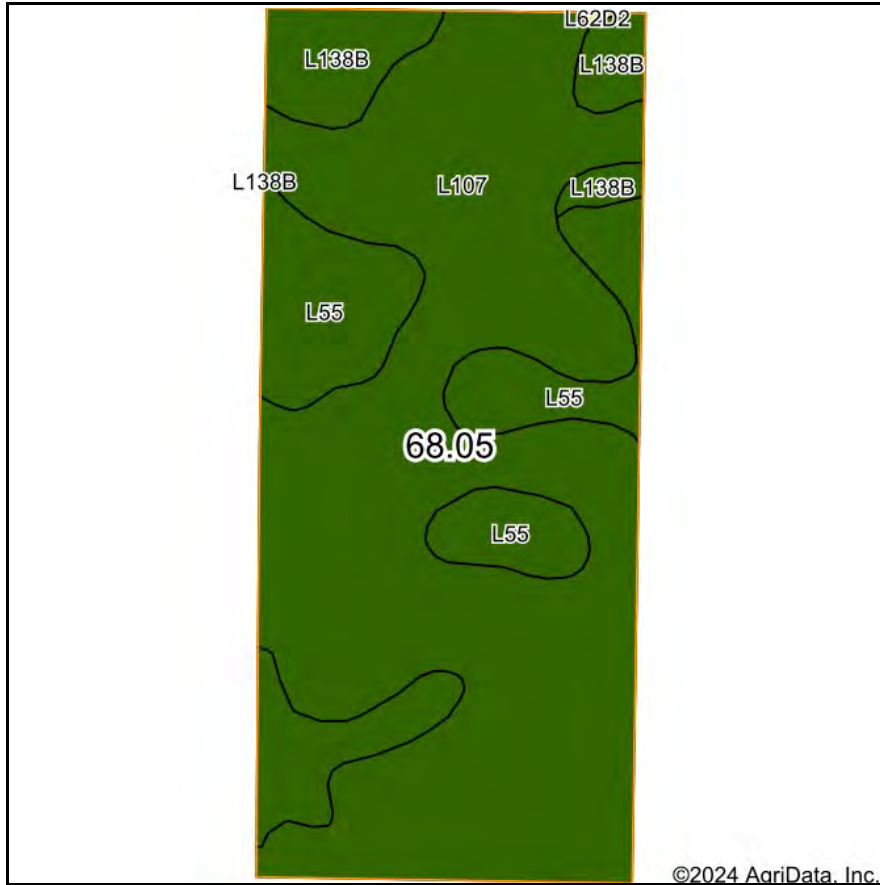


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12/27/2024

Field borders provided by Farm Service Agency as of 5/21/2008.

# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Guthrie**  
 Location: **28-81N-30W**  
 Township: **Richland**  
 Acres: **68.05**  
 Date: **12/27/2024**



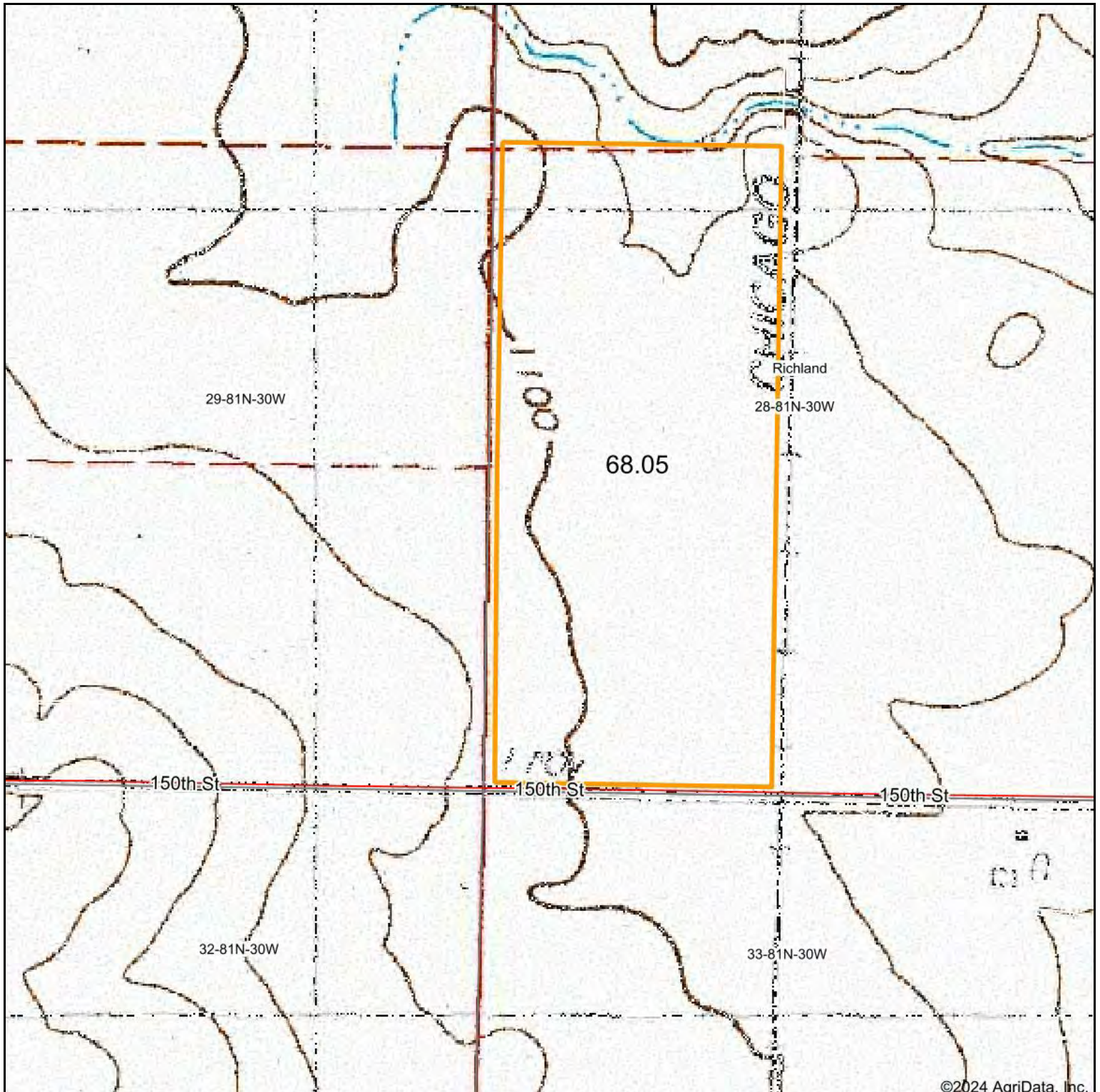
Area Symbol: IA077, Soil Area Version: 33							
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**
L107	Webster clay loam, Bemis moraine, 0 to 2 percent slopes	48.71	71.6%		95	IIw	88
L55	Nicollet loam, 1 to 3 percent slopes	14.38	21.1%		5	Ie	91
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	4.96	7.3%			Ile	88
<b>Weighted Average</b>						<b>1.79</b>	<b>88.6</b>

Soils data provided by USDA and NRCS. Area has updated the CSR values for each county to CSR2.

\*c: Using Capabilities Class Dominant Condition Aggregation Method



# Topography Map



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Map Center: 41° 47' 38.21, -94° 21' 24.31

0ft 635ft 1271ft

Maps Provided By:



**surety**  
CUSTOMIZED ONLINE MAPPING

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**28-81N-30W**  
**Guthrie County**  
**Iowa**

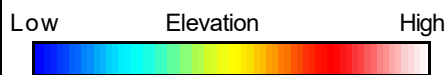
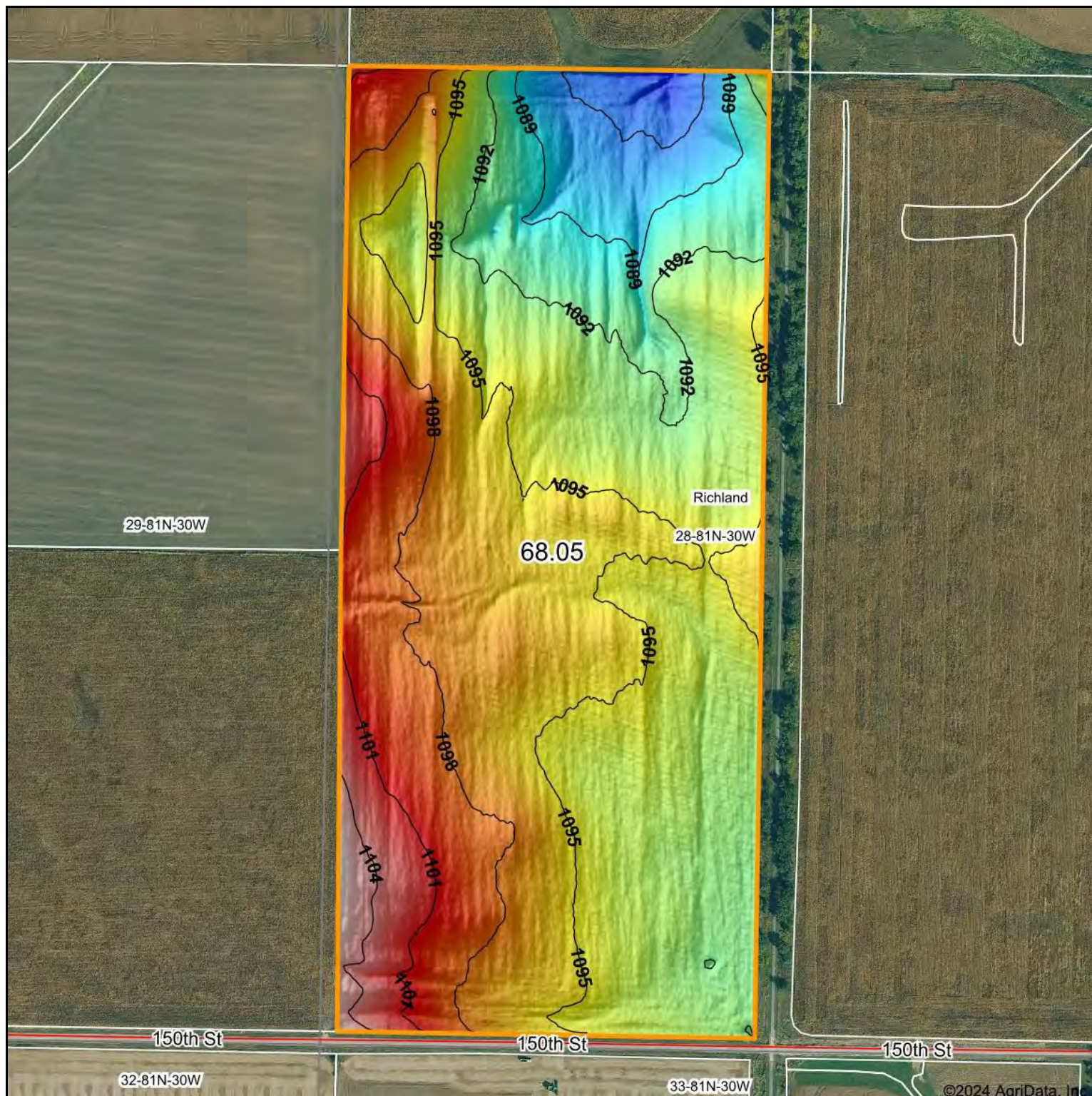


12/27/2024

Field borders provided by Farm Service Agency as of 5/21/2008.



# Topography Hillshade



Source: USGS 1 meter dem

0ft 422ft 843ft

Interval(ft): 3

Min: 1,083.5

Max: 1,106.4

Range: 22.9

Average: 1,094.9

Standard Deviation: 3.84 ft



12/27/2024

**28-81N-30W**  
**Guthrie County**  
**Iowa**

Boundary Center: 41° 47' 41.65, -94° 21' 19.66

**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Maps Provided By:

**surety**  
CUSTOMIZED ONLINE MAPPING

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Field borders provided by Farm Service Agency as of 5/21/2008.

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4 Year Crop History



Owner/Operator:

Address:

Address:

Phone:

Date:

Farm Name:

Field ID:

Acct. #:

Crop Year:

Crop Year:



Crop Year:

Crop Year:



Boundary Center: 41° 47' 41.65, -94° 21' 19.66

State: IA County: Guthrie

Legal: 28-81N-30W Twnshp: Richland

Field borders provided by Farm Service Agency as of 5/21/2008. Crop data provided by USDA National Agricultural Statistics Service Cropland Data Layer





# Plant Growth(NDVI) with Hillshade 2024



Low Relative Biomass High

Crop:

0ft 391ft 783ft



Elevation Min: 1,083.5

Max: 1,106.4

Range: 22.9

Average: 1,094.9

Standard Deviation: 3.84 ft



**28-81N-30W**  
**Guthrie County**  
**Iowa**

12/27/2024

Boundary Center:  
41° 47' 41.65, -94° 21' 19.66

Maps Provided By:

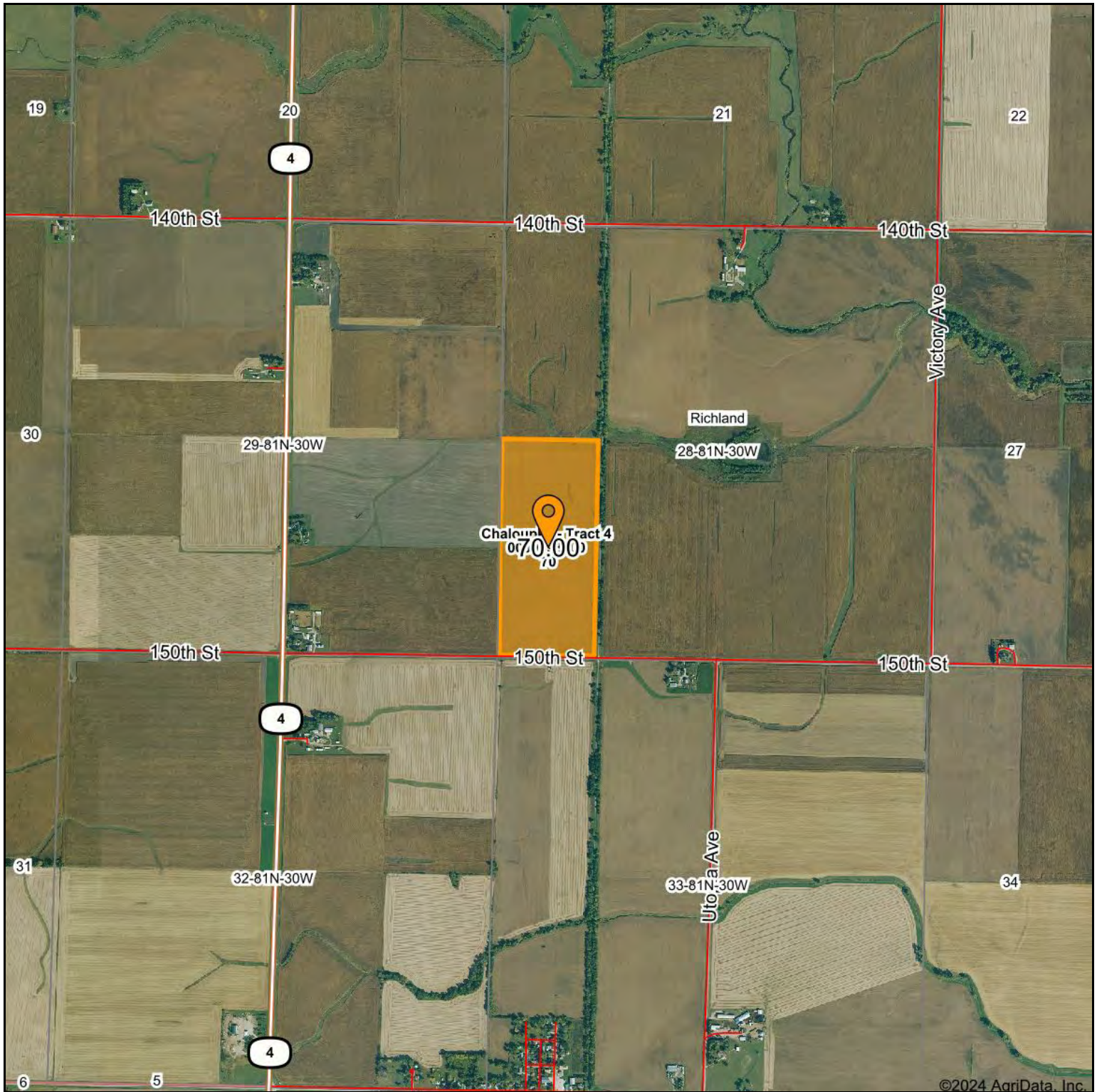


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Field borders provided by Farm Service Agency as of 5/21/2008.



# Location Map



 **WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Maps Provided By:  
 **surety**  
CUSTOMIZED ONLINE MAPPING  
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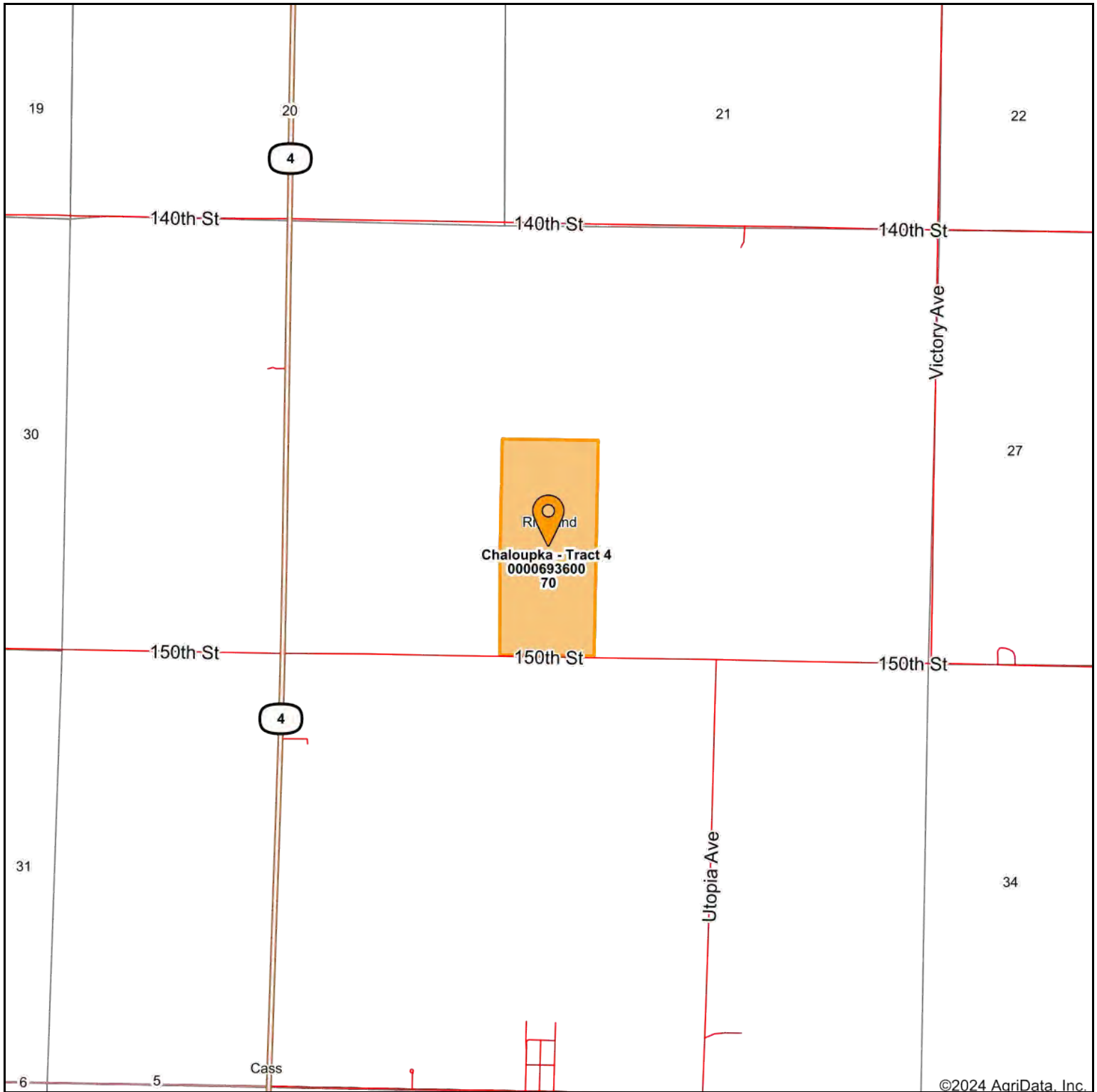
**28-81N-30W**  
**Guthrie County, IA**

0ft 1891ft 3782ft



12/27/2024

# Location Map



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Maps Provided By:  
**surety**  
CUSTOMIZED ONLINE MAPPING  
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**28-81N-30W**  
**Guthrie County, IA**

0ft      1891ft      3782ft





# Aerial Map



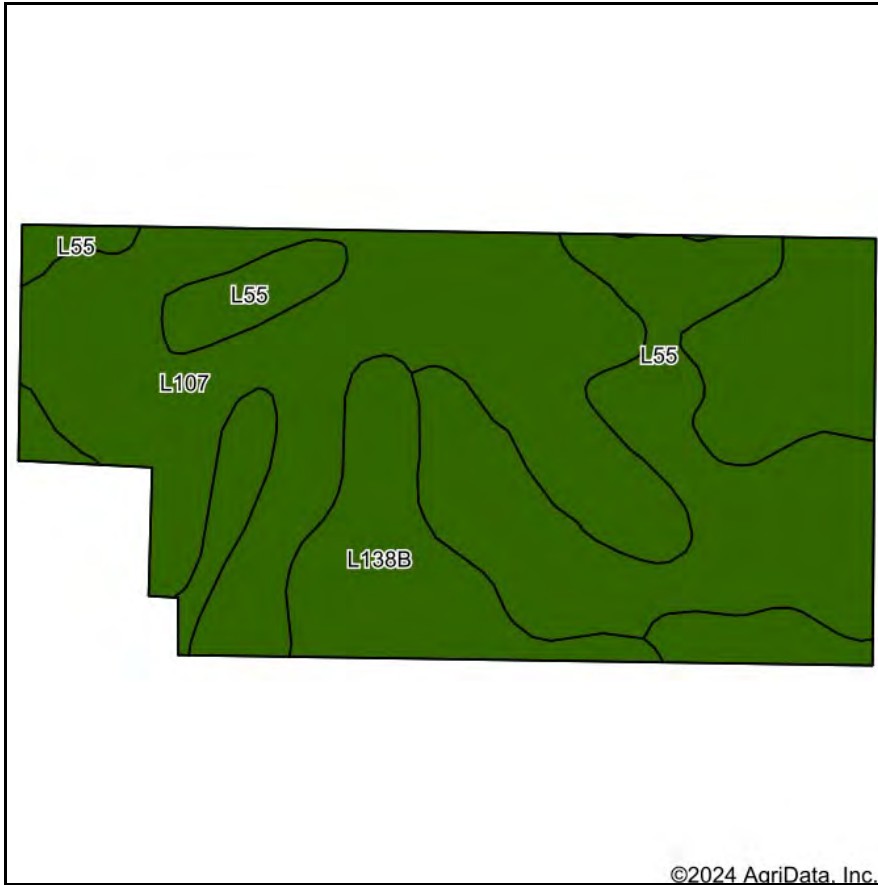
**71.5 Acres**  
**29-81N-30W**  
**Guthrie County, IA**

0ft      635ft      1271ft

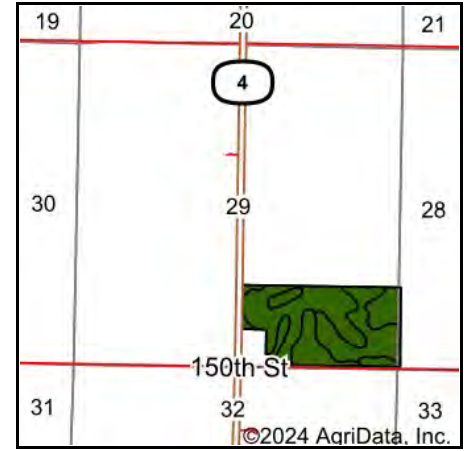


12/27/2024

# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Guthrie**  
 Location: **29-81N-30W**  
 Township: **Richland**  
 Acres: **71.5**  
 Date: **12/27/2024**



Maps Provided By:



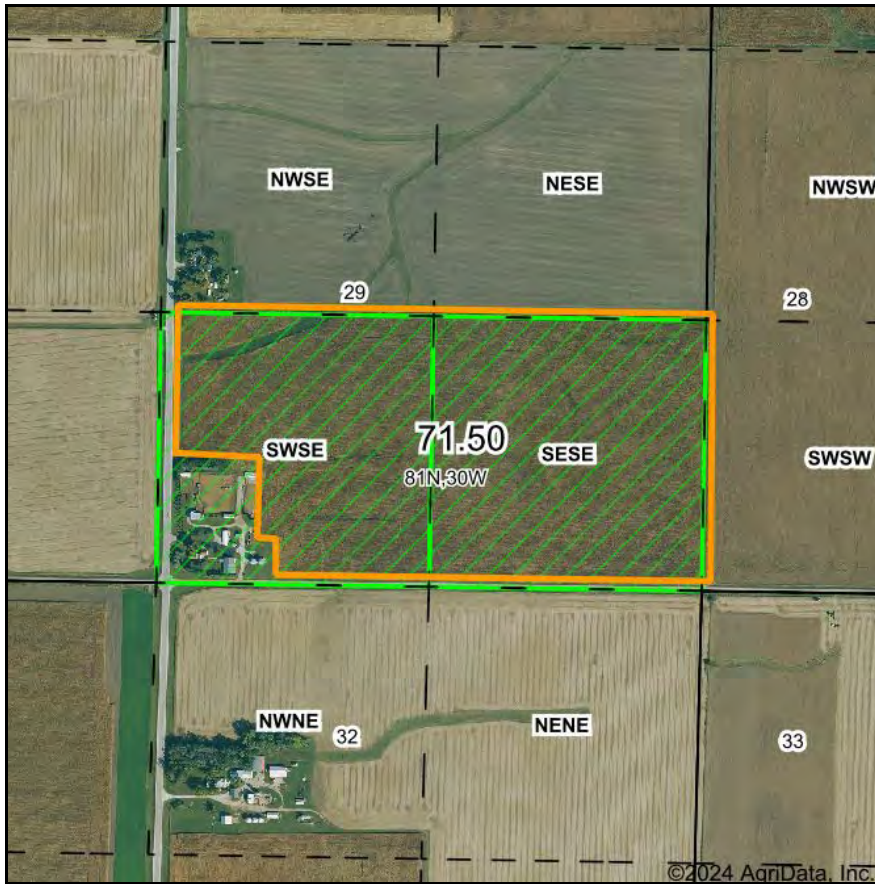
Area Symbol: IA077, Soil Area Version: 33							
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**
L107	Webster clay loam, Bemis moraine, 0 to 2 percent slopes	37.69	52.8%		95	Ilw	88
L55	Nicollet loam, 1 to 3 percent slopes	22.34	31.2%		5	le	91
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	11.47	16.0%			lle	88
<b>Weighted Average</b>						<b>1.69</b>	<b>88.9</b>

Soils data provided by USDA and NRCS. Area has updated the CSR values for each county to CSR2.

\*c: Using Capabilities Class Dominant Condition Aggregation Method

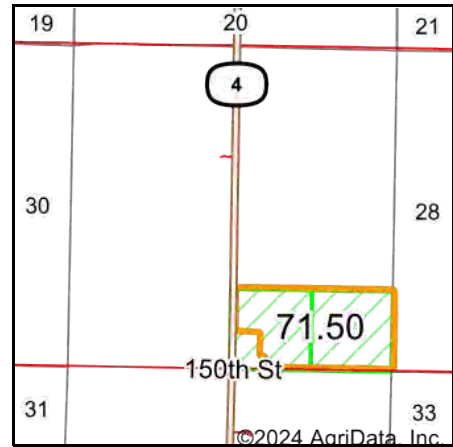


# PLSS Legal Description



Map Center: 41° 47' 33.63, -94° 21' 50.82

0ft 794ft 1588ft



Acres: 71.5  
Date: 12/27/2024  
Township: Richland  
County: Guthrie  
State: Iowa



Maps Provided By:



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PLSS Source: **Bureau of Land Management (BLM)**  
PLSS Note: **BLM contains Government Lots and Quarters. Availability and accuracy will vary by location**

Short Legal:

PT SWSE; SESE 29-81N-30W

Long Legal:

PART OF THE SW1/4 SE1/4; SE1/4 SE1/4 OF SECTION 29, TOWNSHIP 81 NORTH, 30 WEST, GUTHRIE COUNTY, IOWA



# Aerial Map

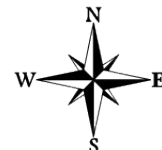


**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Boundary Center: 41° 47' 35.23, -94° 21' 44.12

0ft 635ft 1271ft

**29-81N-30W**  
**Guthrie County**  
**Iowa**



Maps Provided By:



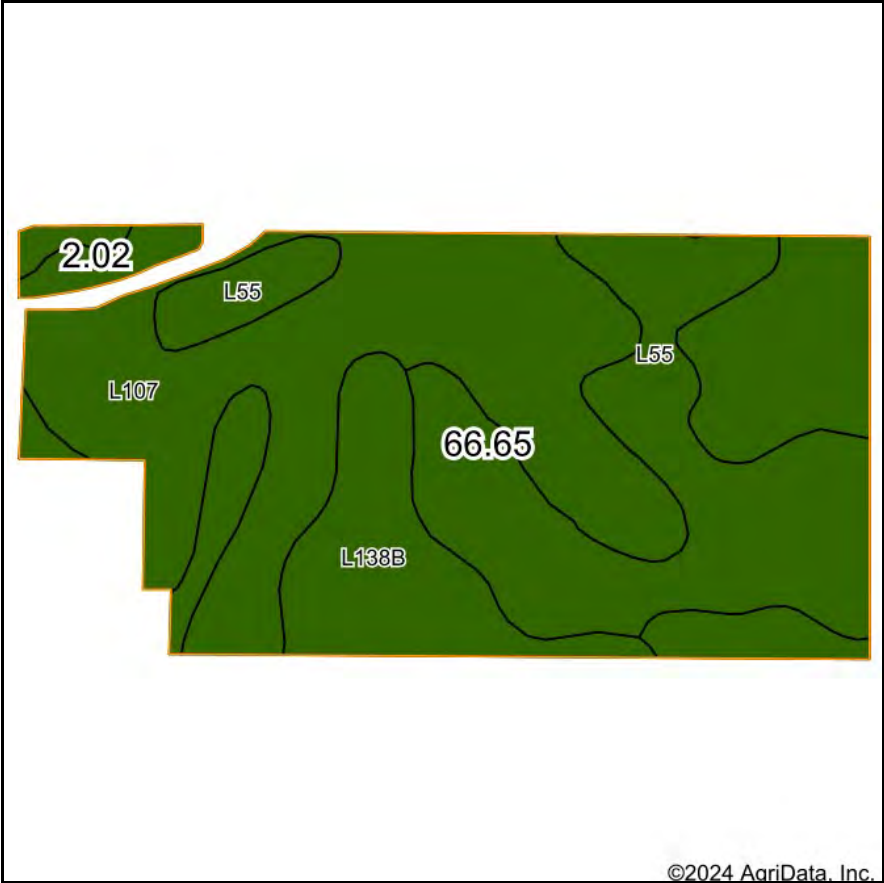
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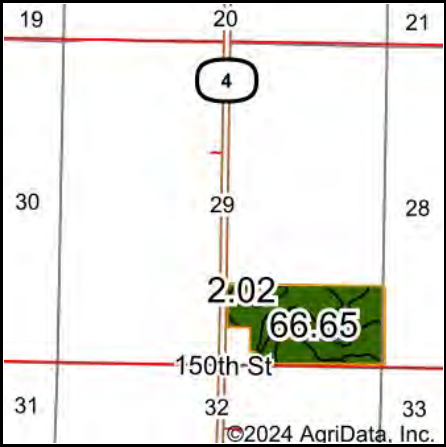
12/27/2024



Soils Map



Soils data provided by USDA and NRCS.



State: Iowa  
County: Guthrie  
Location: 29-81N-30W  
Township: Richland  
Acres: 68.67  
Date: 12/27/2024

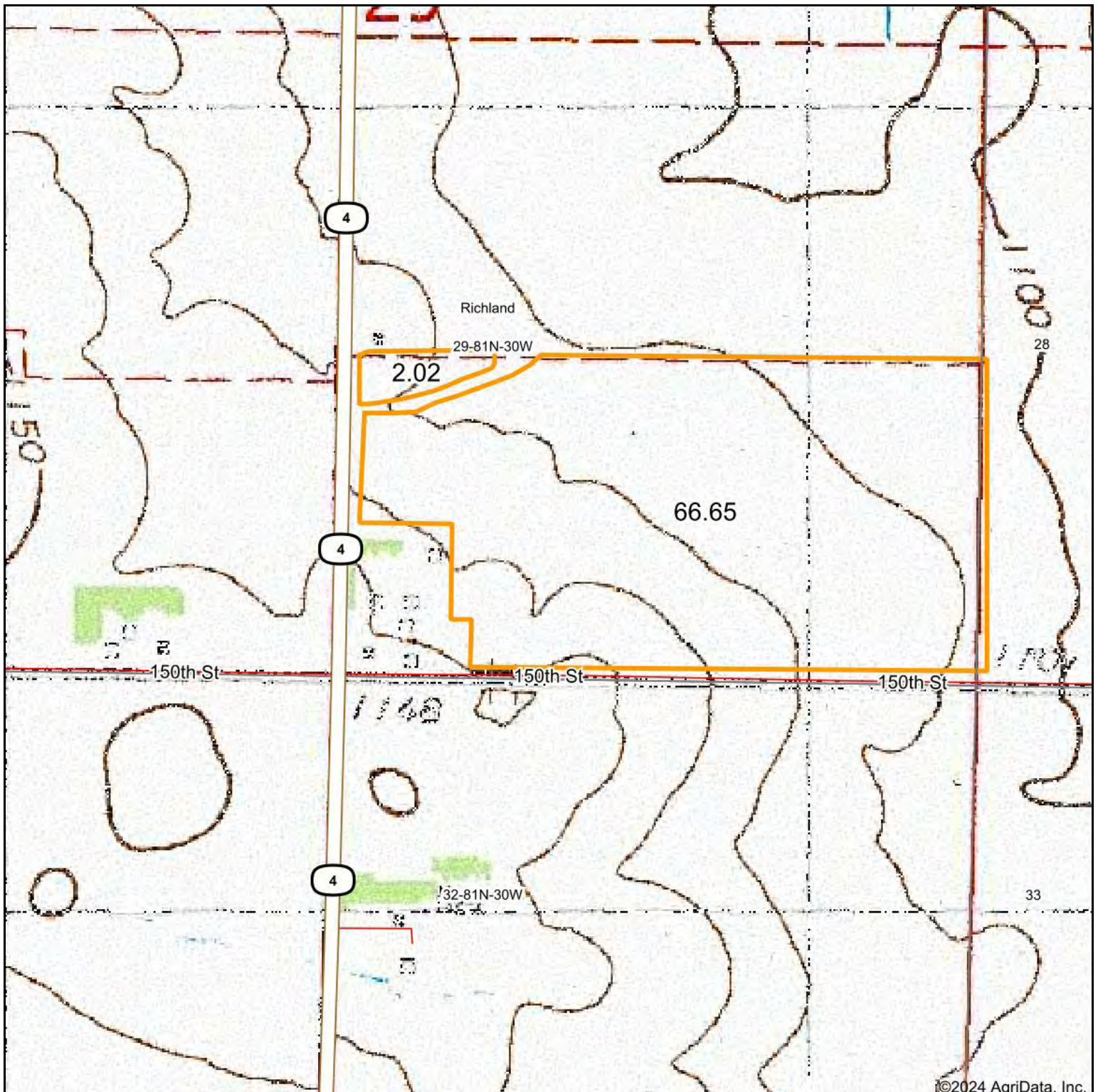


Area Symbol: IA077, Soil Area Version: 33							
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**
L107	Webster clay loam, Bemis moraine, 0 to 2 percent slopes	35.55	51.8%		95	Ilw	88
L55	Nicollet loam, 1 to 3 percent slopes	22.00	32.0%		5	le	91
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	11.12	16.2%			lle	88
Weighted Average						1.68	89

Soils data provided by USDA and NRCS. AgriData has updated the CSR values for each county to CSR2.

\*c: Using Capabilities Class Dominant Condition Aggregation Method

# Topography Map



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Map Center: 41° 47' 33.63, -94° 21' 50.82

0ft 635ft 1271ft

Maps Provided By:



**surety**  
CUSTOMIZED ONLINE MAPPING

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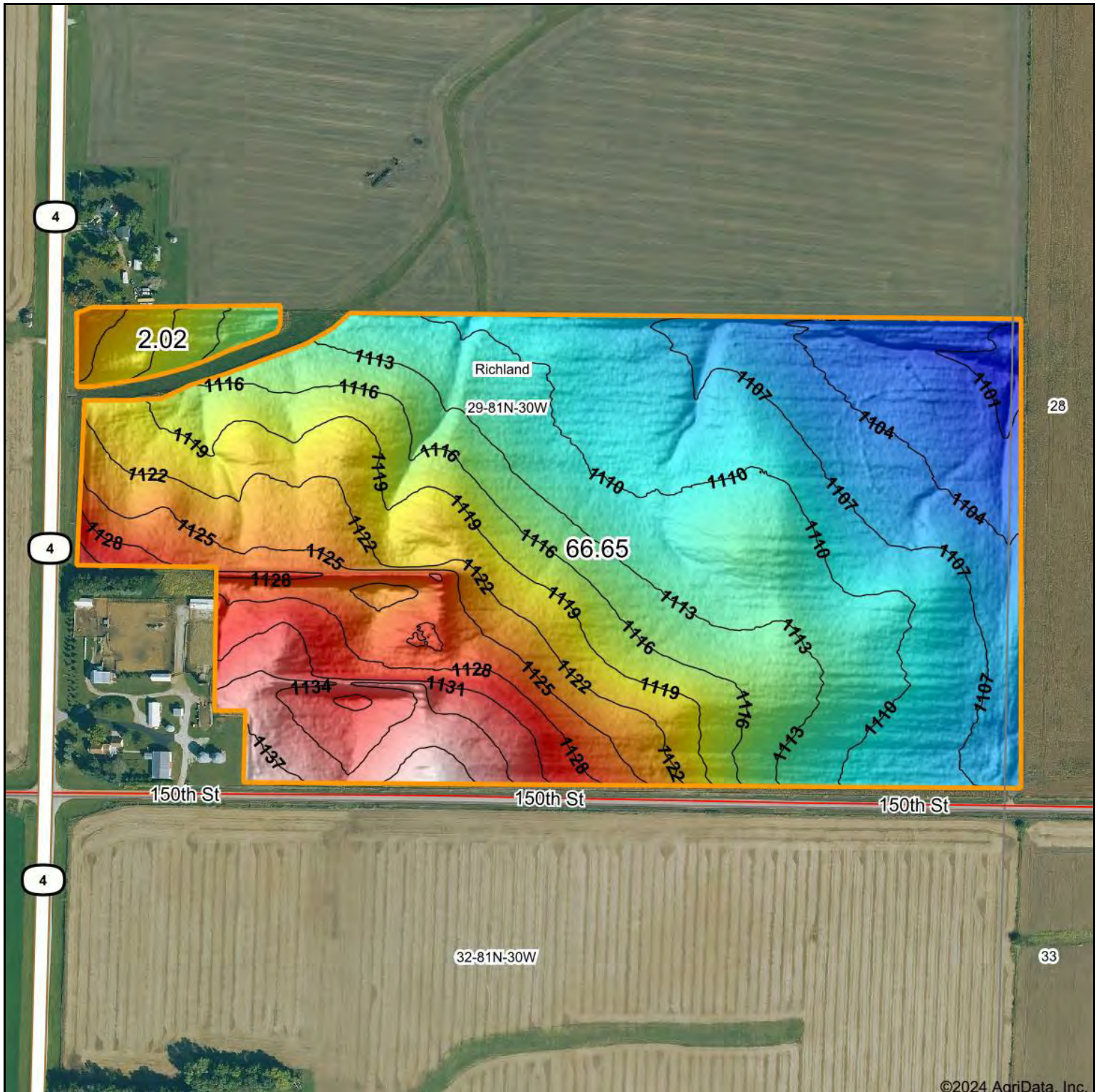
**29-81N-30W**  
**Guthrie County**  
**Iowa**



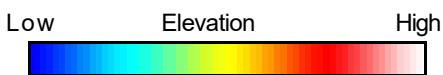
12/27/2024



# Topography Hillshade



©2024 AgriData, Inc.



Source: USGS 1 meter dem

0ft 423ft 846ft

Interval(ft): 3

Min: 1,099.4

Max: 1,139.8

Range: 40.4

Average: 1,115.9

Standard Deviation: 9.12 ft



12/27/2024

**29-81N-30W**  
**Guthrie County**  
**Iowa**

Boundary Center: 41° 47' 35.23, -94° 21' 44.12



Maps Provided By:



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4 Year Crop History



Owner/Operator:

Date:

Address:

Farm Name:

Address:

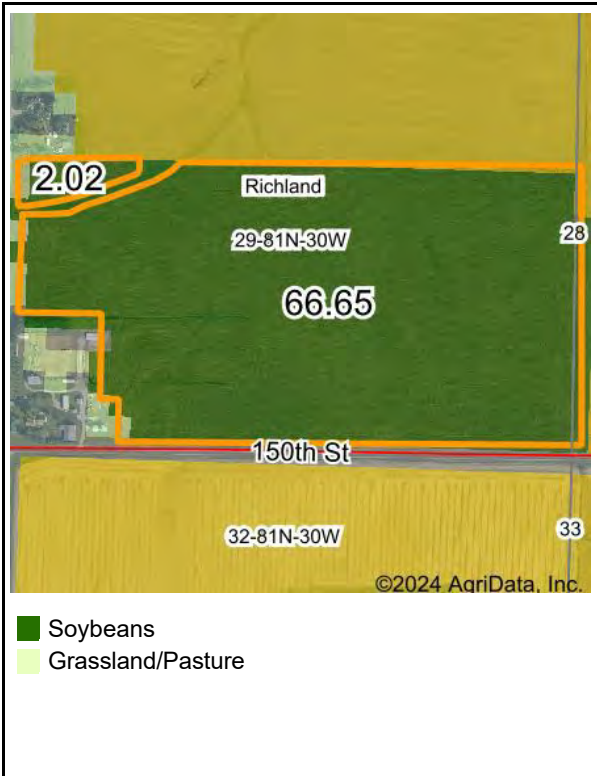
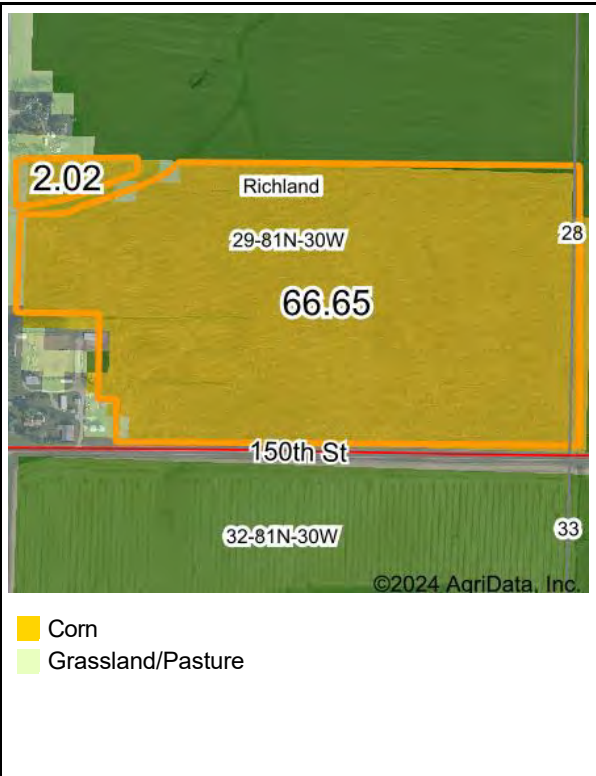
Field ID:

Phone:

Acct. #:

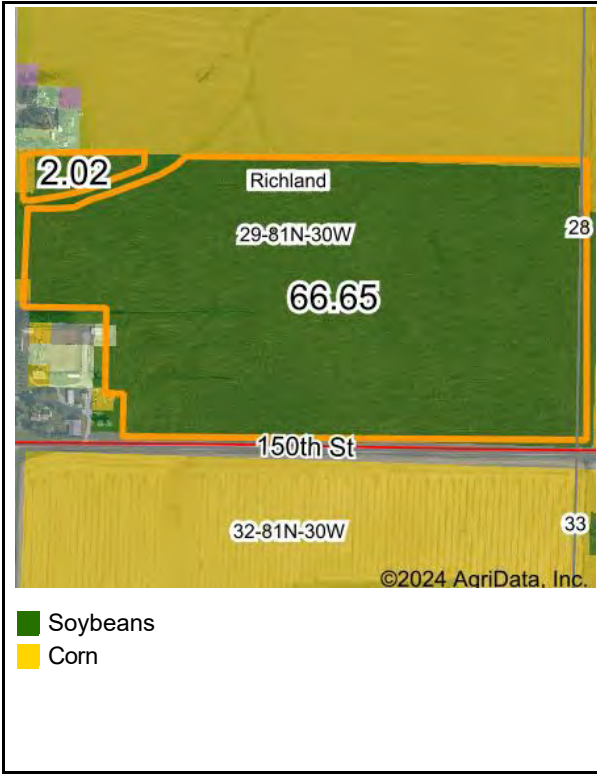
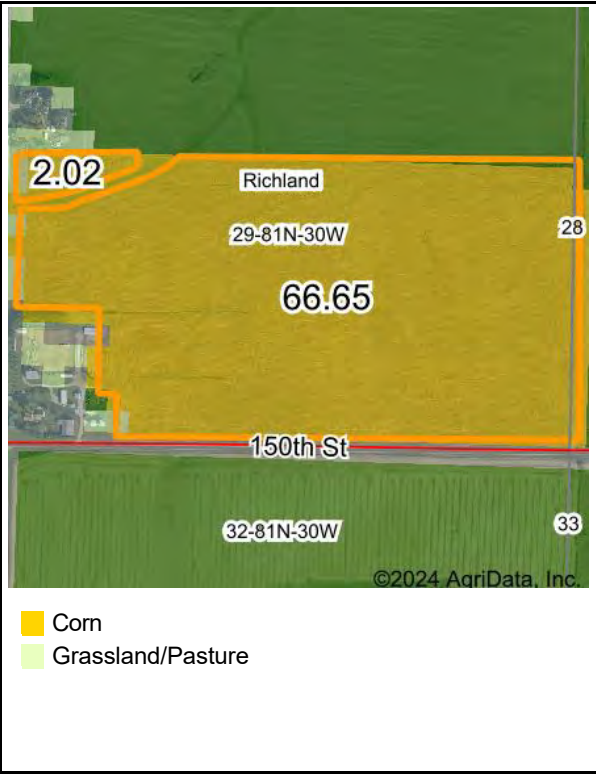
Crop Year:

Crop Year:



Crop Year:

Crop Year:



Boundary Center: 41° 47' 35.23, -94° 21' 44.12

State: IA County: Guthrie

Legal: 29-81N-30W Twnshp: Richland

Crop data provided by USDA National Agricultural Statistics Service Cropland Data Layer





## A topographic map of a rural area. The map features several land parcels outlined in orange. One parcel in the upper left is labeled '2.02'. A larger central parcel is labeled '66.65' and contains the name 'Richland' and the bearing '29-81N-30W'. Elevation contours are drawn across the terrain with values ranging from 1107 to 1137. At the bottom, a road is labeled '150th St' in three locations. Below the road, another bearing '32-81N-30W' is shown. On the right side, there are two small white boxes containing the numbers '28' and '33'. The bottom right corner has a copyright notice: '©2024 AgriData, Inc.'

Low Relative Biomass High

--



**29-81N-30W**  
**Guthrie County**  
**Iowa**

Boundary Center:  
41° 47' 35.23, -94° 21' 44.12

Maps Provided By:



**surety®**  
CUSTOMIZED ONLINE MAPPING

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# Location Map



©2024 AgriData, Inc.



Maps Provided By:  
 **surety**  
CUSTOMIZED ONLINE MAPPING  
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**29-81N-30W**  
**Guthrie County, IA**

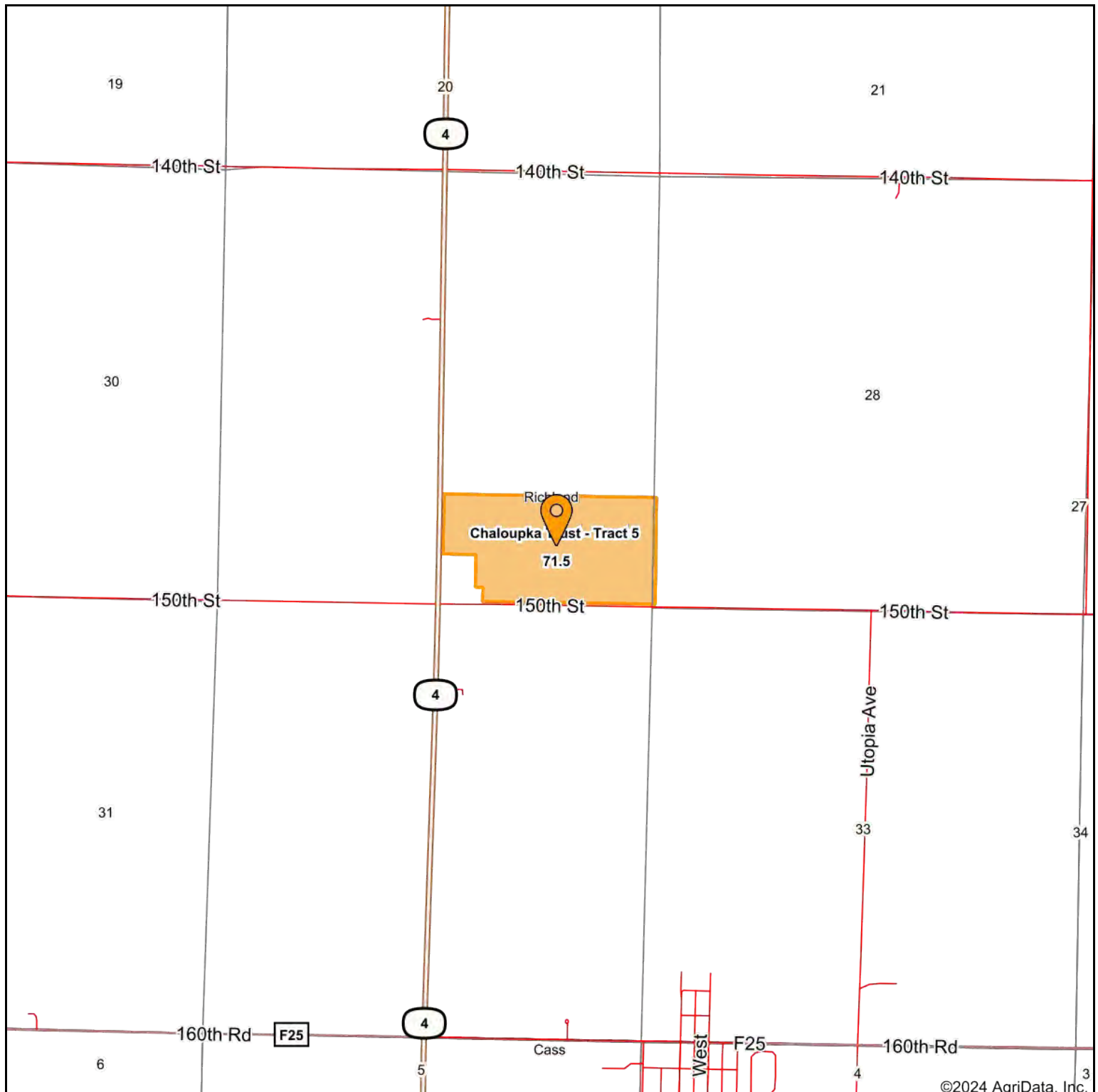
0ft 1891ft 3782ft



12/27/2024



# Location Map



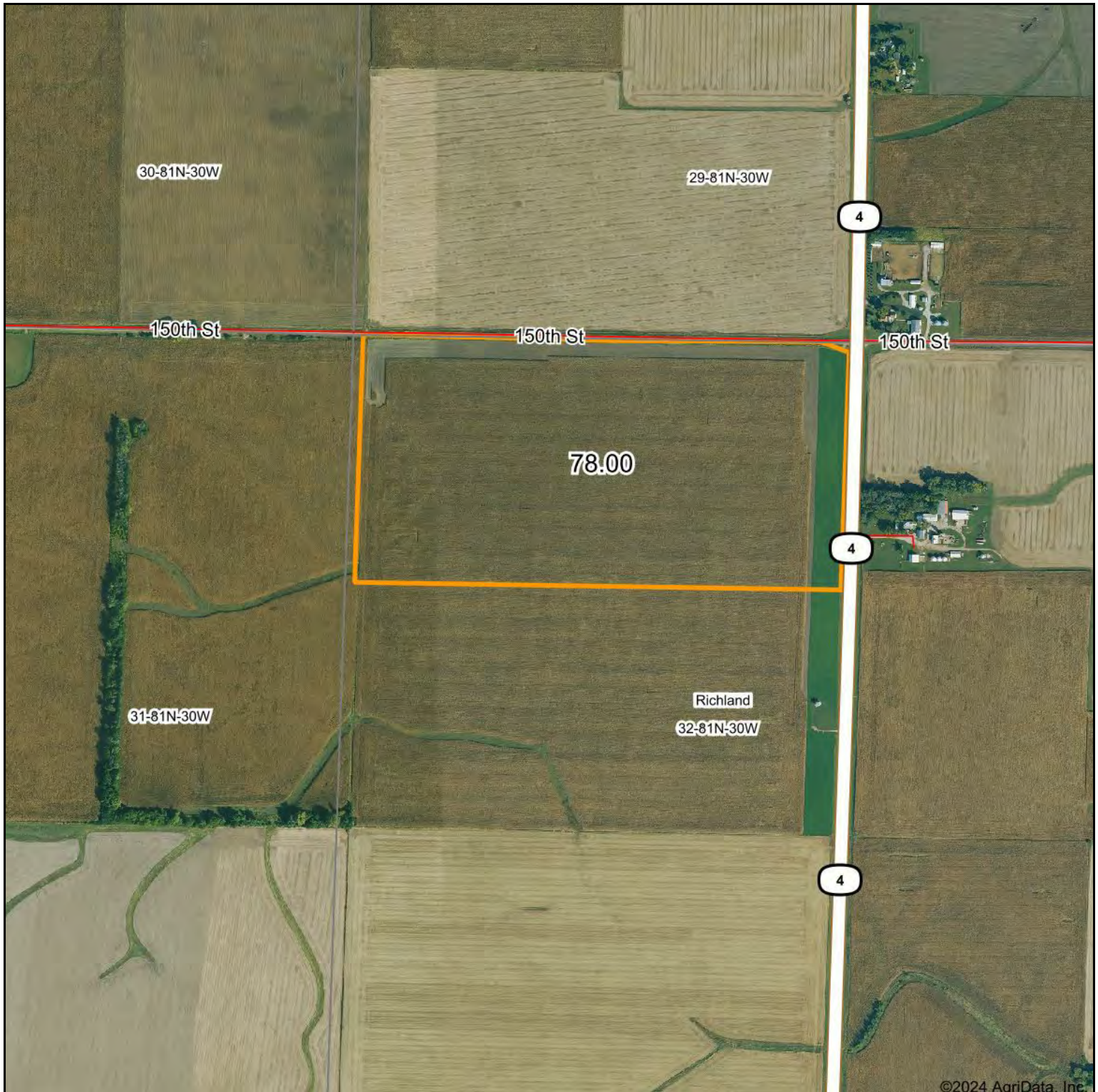
**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Maps Provided By:  
**surety**  
CUSTOMIZED ONLINE MAPPING  
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**29-81N-30W**  
**Guthrie County, IA**



# Aerial Map



Maps Provided By:



**78 Acres**  
**32-81N-30W**  
**Guthrie County, IA**

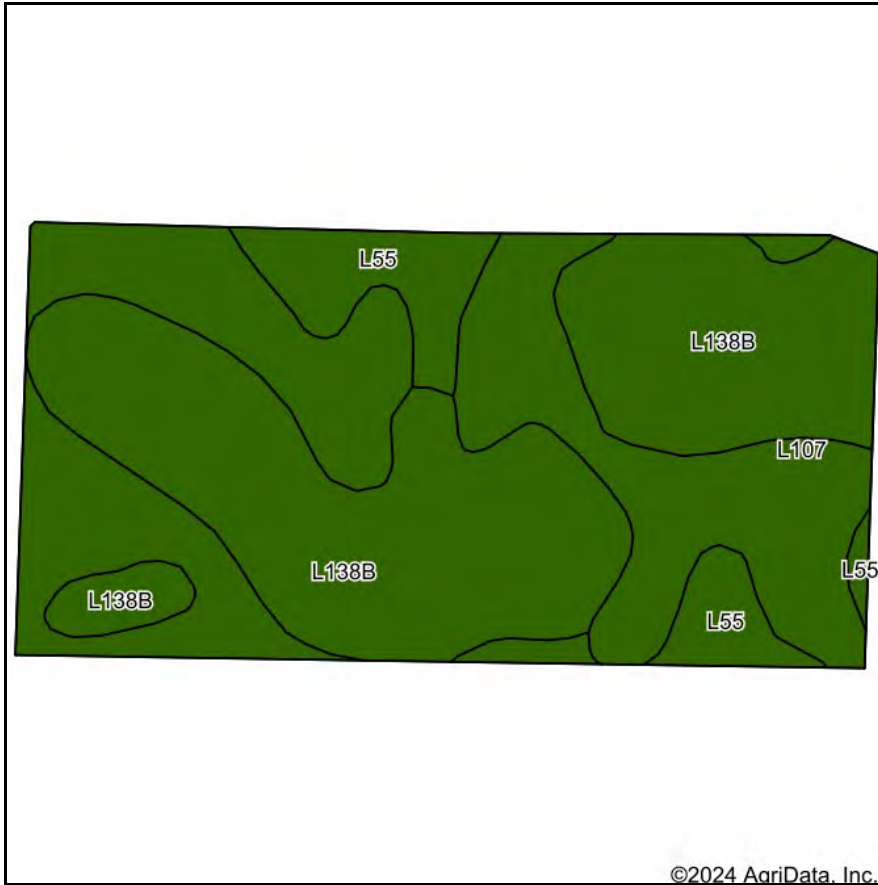
0ft      830ft      1659ft



12/27/2024



# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Guthrie**  
 Location: **32-81N-30W**  
 Township: **Richland**  
 Acres: **78**  
 Date: **12/27/2024**



Maps Provided By:



Area Symbol: IA077, Soil Area Version: 33							
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	38.43	49.3%			Ile	88
L107	Webster clay loam, Bemis moraine, 0 to 2 percent slopes	31.68	40.6%		95	IIw	88
L55	Nicollet loam, 1 to 3 percent slopes	7.89	10.1%		5	Ie	91
<b>Weighted Average</b>						<b>1.90</b>	<b>88.3</b>

Soils data provided by USDA and NRCS. Acres reported are CSR values for each county to CSR2.

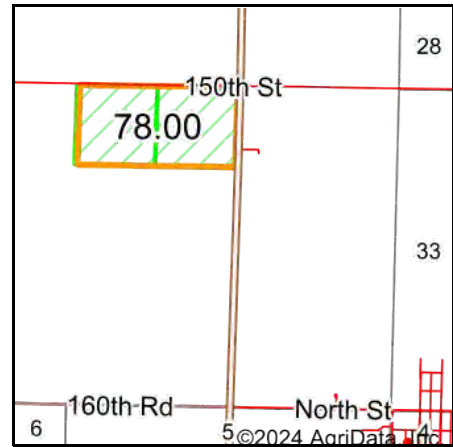
\*c: Using Capabilities Class Dominant Condition Aggregation Method

# PLSS Legal Description



Map Center: 41° 47' 17.29, -94° 22' 23.44

0ft 797ft 1594ft



Acres: 78  
Date: 12/27/2024  
Township: Richland  
County: Guthrie  
State: Iowa



Maps Provided By:



PLSS Source: Bureau of Land Management (BLM)

PLSS Note: BLM contains Government Lots and Quarters. Availability and accuracy will vary by location

Short Legal:

N2NW 32-81N-30W

Long Legal:

N1/2 NW1/4 OF SECTION 32, TOWNSHIP 81 NORTH, 30 WEST, GUTHRIE COUNTY, IOWA



# Aerial Map



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Boundary Center: 41° 47' 21.89, -94° 22' 19.83

0ft 830ft 1659ft

**32-81N-30W**  
**Guthrie County**  
**Iowa**



Maps Provided By:

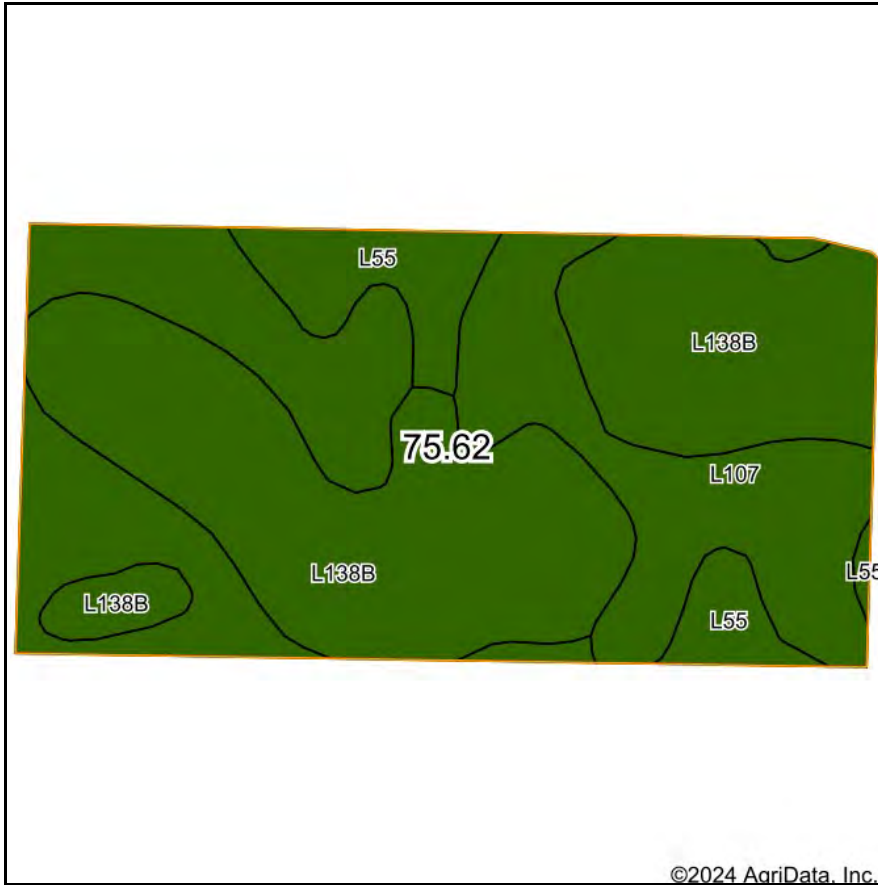


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12/27/2024

Field borders provided by Farm Service Agency as of 5/21/2008.

# Soils Map



State: **Iowa**  
 County: **Guthrie**  
 Location: **32-81N-30W**  
 Township: **Richland**  
 Acres: **75.62**  
 Date: **12/27/2024**



Maps Provided By:



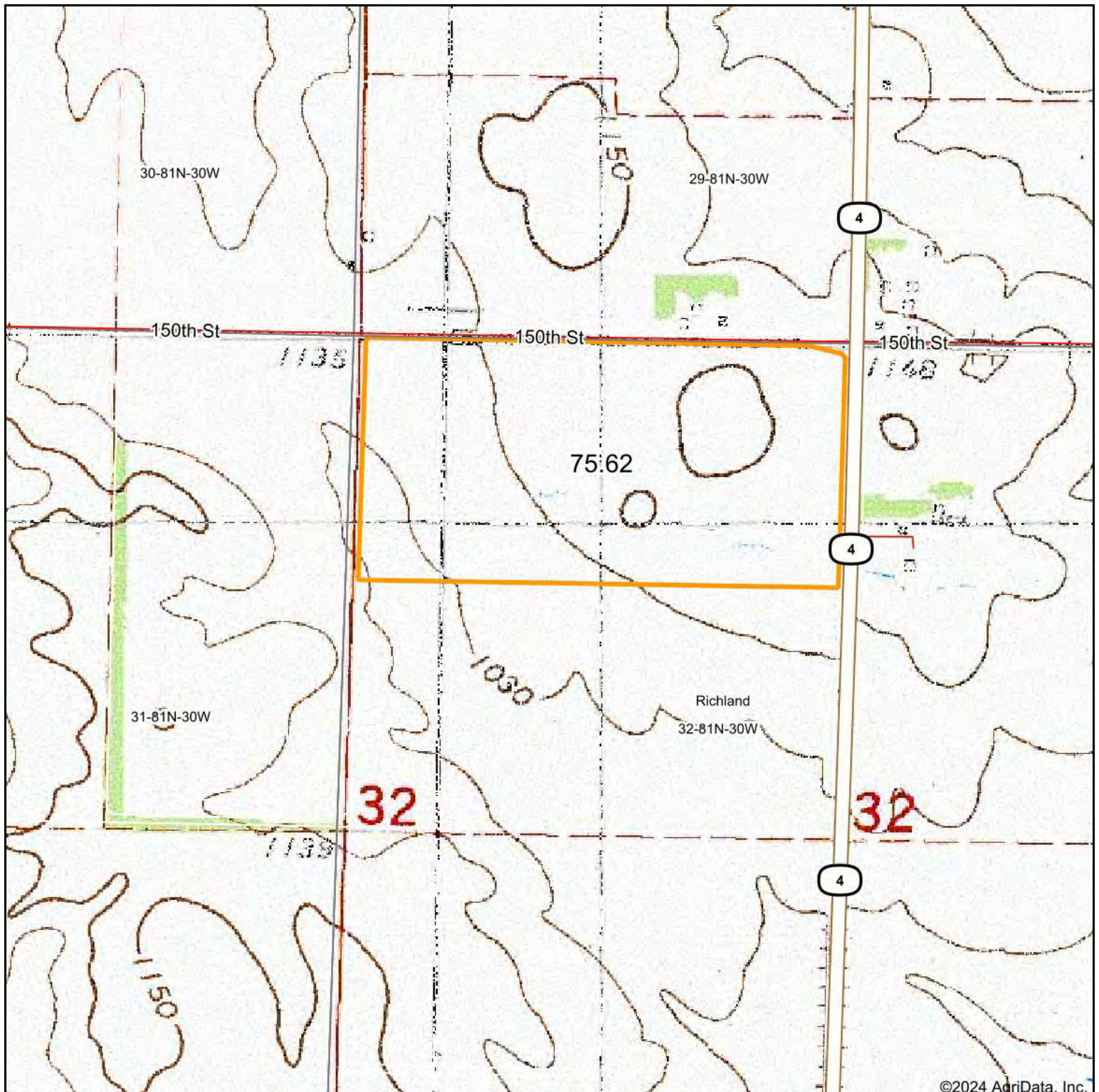
Area Symbol: IA077, Soil Area Version: 33							
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	37.86	50.1%			Ile	88
L107	Webster clay loam, Bemis moraine, 0 to 2 percent slopes	30.41	40.2%		95	Ilw	88
L55	Nicollet loam, 1 to 3 percent slopes	7.35	9.7%		5	Ie	91
<b>Weighted Average</b>						<b>1.90</b>	<b>88.3</b>

Soils data provided by USDA and NRCS. Acres are reported to the nearest 0.01.

\*c: Using Capabilities Class Dominant Condition Aggregation Method



# Topography Map



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Map Center: 41° 47' 17.29, -94° 22' 23.44

0ft 830ft 1659ft

Maps Provided By:



**surety**  
CUSTOMIZED ONLINE MAPPING

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**32-81N-30W**  
**Guthrie County**  
**Iowa**

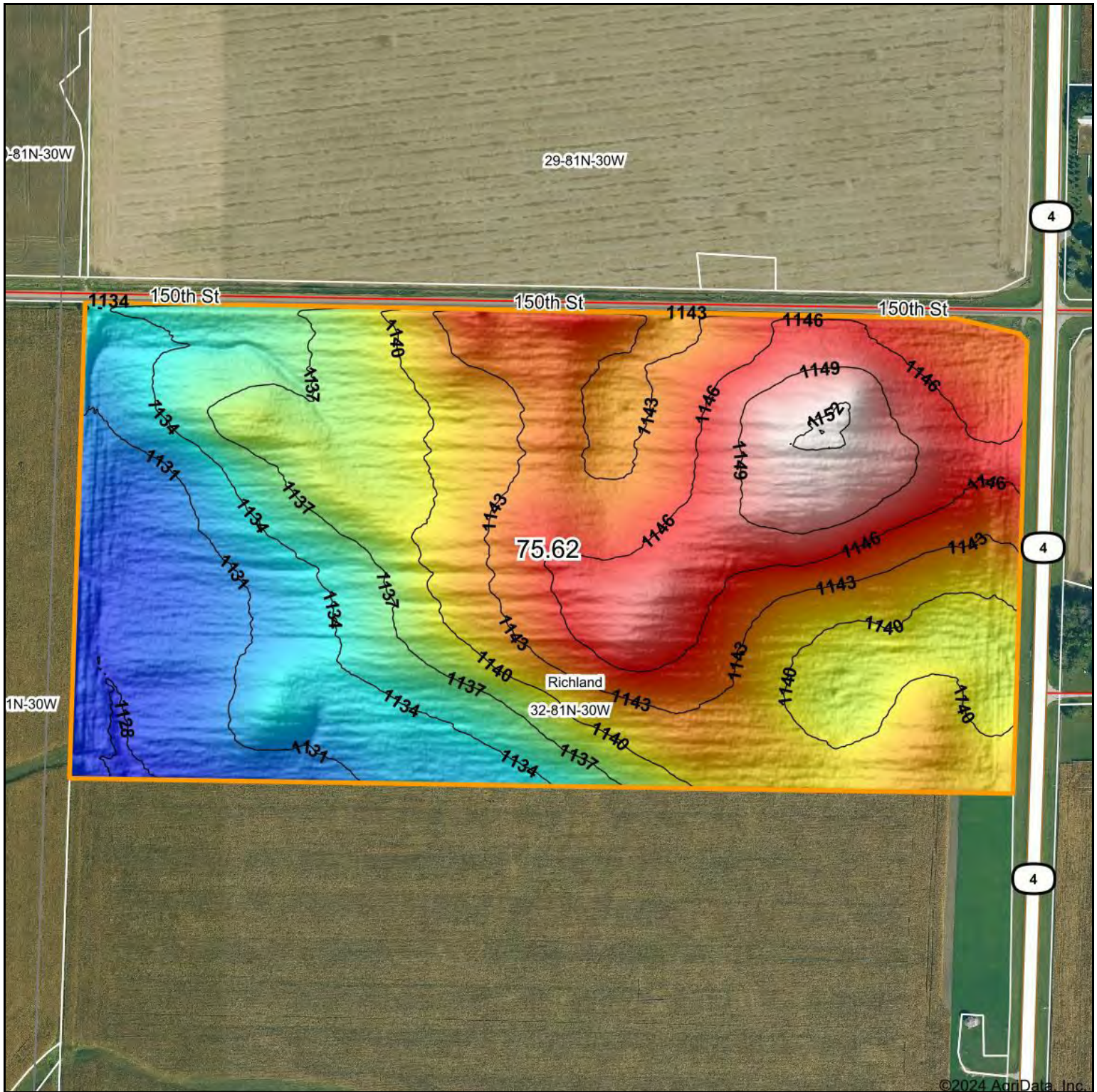


12/27/2024

Field borders provided by Farm Service Agency as of 5/21/2008.



## Topography Hillshade



Source: USGS 1 meter dem

Interval(ft): 3

Min: 1,127.5

Max: 1,152.3

Range: 24.8

Average: 1,139.8

Standard Deviation: 6.14 ft

0ft                      422ft                      844ft



12/27/2024

**32-81N-30W**  
**Guthrie County**  
**Iowa**

Boundary Center: 41° 47' 21.89, -94° 22' 19.83



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Maps Provided By:



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Field borders provided by Farm Service Agency as of 5/21/2008.



4 Year Crop History



Owner/Operator:

Date:

Address:

Farm Name:

Address:

Field ID:

Phone:

Acct. #:

Crop Year:

Crop Year:



Crop Year:

Crop Year:



Boundary Center: 41° 47' 21.89, -94° 22' 19.83

State: IA County: Guthrie

Legal: 32-81N-30W Twnshp: Richland

Field borders provided by Farm Service Agency as of 5/21/2008. Crop data provided by USDA National Agricultural Statistics Service Cropland Data Layer



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# Plant Growth(NDVI) with Hillshade 2024



Crop:

0ft 392ft 784ft



Elevation Min: 1,127.5  
Max: 1,152.3  
Range: 24.8  
Average: 1,139.8  
Standard Deviation: 6.14 ft



**32-81N-30W**  
**Guthrie County**  
**Iowa**

Maps Provided By:



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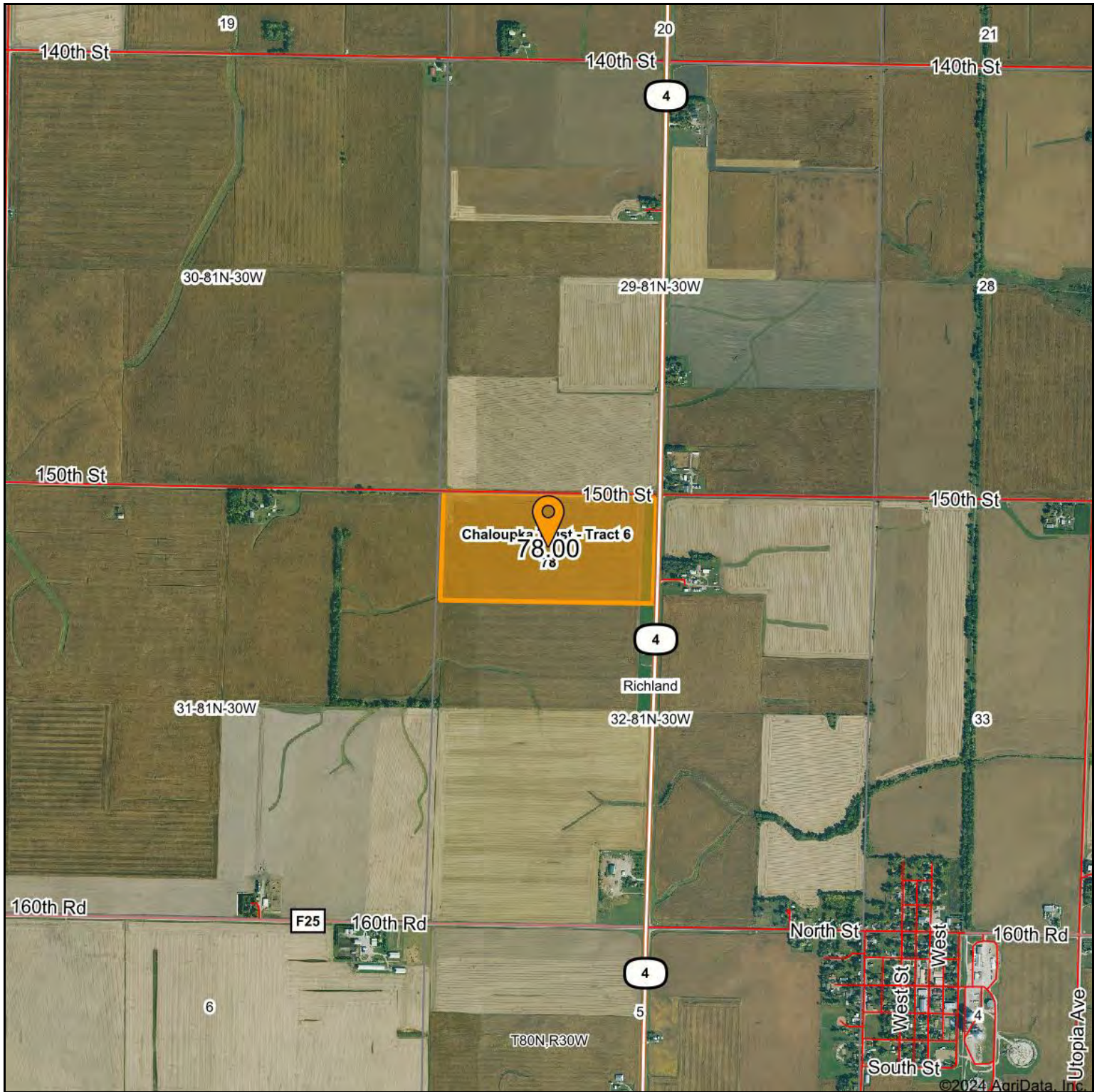
Field borders provided by Farm Service Agency as of 5/21/2008.

12/27/2024

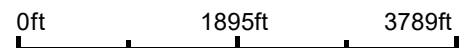
Boundary Center:  
41° 47' 21.89, -94° 22' 19.83



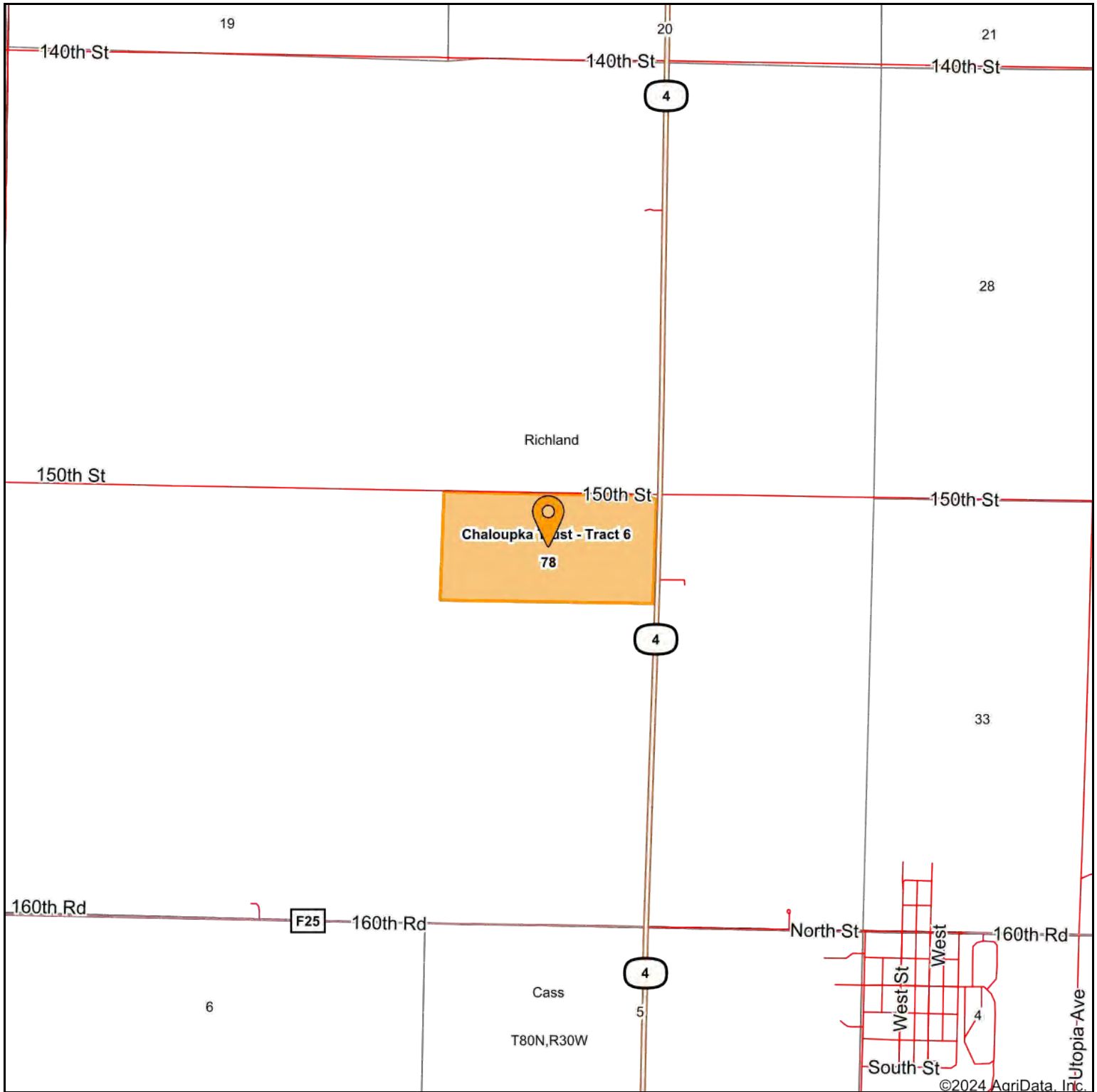
# Location Map



**32-81N-30W**  
**Guthrie County, IA**



# Location Map



**32-81N-30W**  
**Guthrie County, IA**

0ft 1895ft 3789ft



12/27/2024



# Aerial Map



Maps Provided By:



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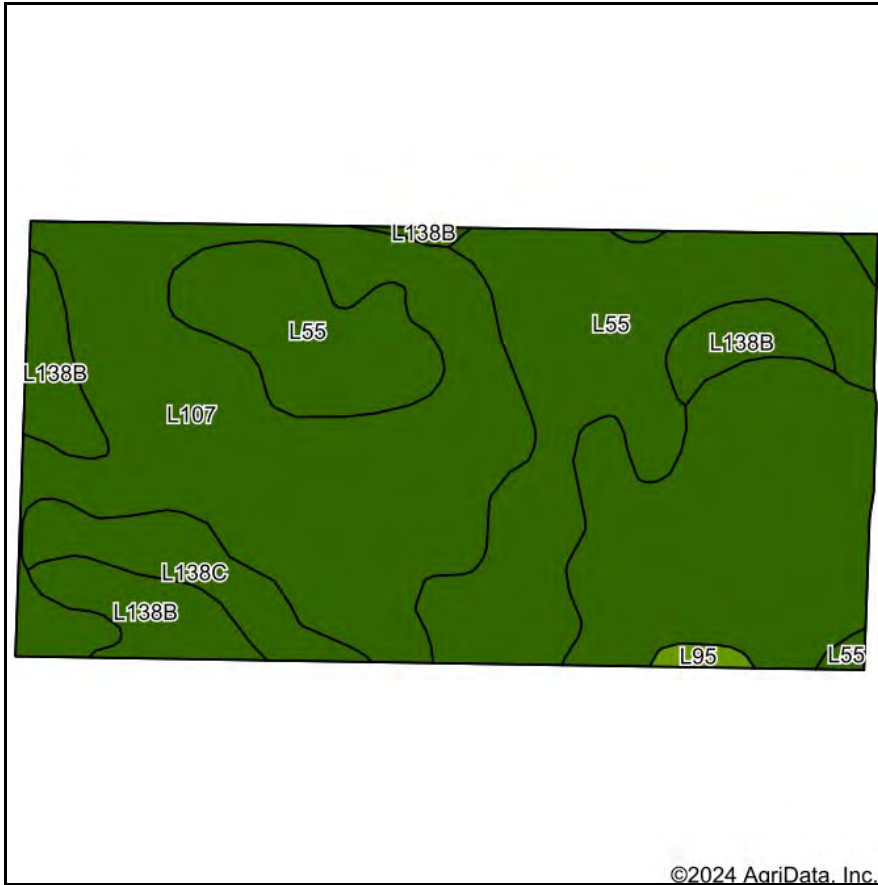
**78 Acres**  
**32-81N-30W**  
**Guthrie County, IA**

0ft 645ft 1291ft

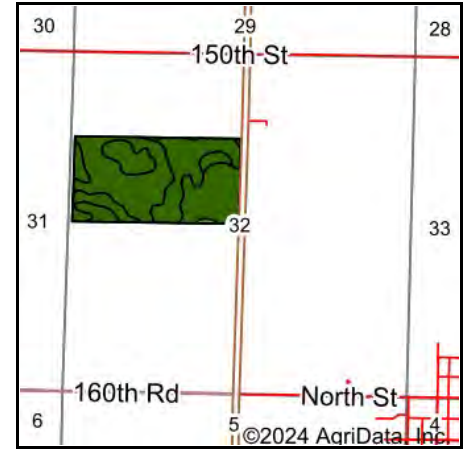


12/27/2024

# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Guthrie**  
 Location: **32-81N-30W**  
 Township: **Richland**  
 Acres: **78**  
 Date: **12/27/2024**



Maps Provided By:



Area Symbol: IA077, Soil Area Version: 33							
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**
L107	Webster clay loam, Bemis moraine, 0 to 2 percent slopes	43.19	55.4%		95	IIw	88
L55	Nicollet loam, 1 to 3 percent slopes	23.39	30.0%		5	Ie	91
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	7.12	9.1%			Ile	88
L138C	Clarion loam, Bemis moraine, 6 to 10 percent slopes	3.88	5.0%			IIle	84
L95	Harps clay loam, Bemis moraine, 0 to 2 percent slopes	0.42	0.5%		100	IIw	75
<b>Weighted Average</b>						<b>1.75</b>	<b>88.6</b>

Soils data provided by USDA and NRCS.

\*c: Using Capabilities Class Dominant Condition Aggregation Method

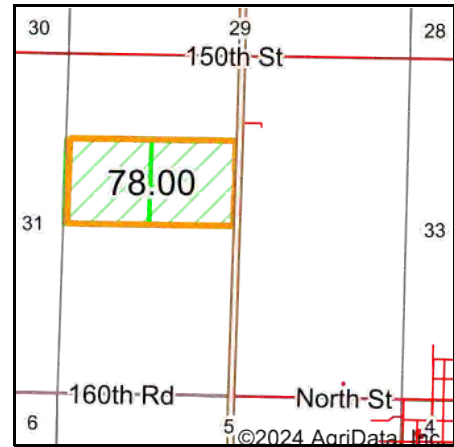


# PLSS Legal Description



Map Center: 41° 47' 8.68, -94° 22' 19.1

0ft 794ft 1588ft



Acres: 78  
Date: 12/27/2024  
Township: Richland  
County: Guthrie  
State: Iowa



Maps Provided By:



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PLSS Source: **Bureau of Land Management (BLM)**

PLSS Note: **BLM contains Government Lots and Quarters. Availability and accuracy will vary by location**

Short Legal:

S2NW 32-81N-30W

Long Legal:

S1/2 NW1/4 OF SECTION 32, TOWNSHIP 81 NORTH, 30 WEST, GUTHRIE COUNTY, IOWA



# Aerial Map



Boundary Center: 41° 47' 9.07, -94° 22' 20.09

0ft 645ft 1291ft

**32-81N-30W**  
**Guthrie County**  
**Iowa**



Maps Provided By:  
 **surety**  
CUSTOMIZED ONLINE MAPPING  
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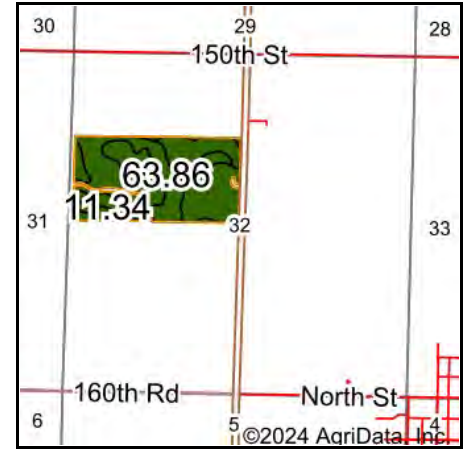
12/27/2024



# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Guthrie**  
 Location: **32-81N-30W**  
 Township: **Richland**  
 Acres: **75.2**  
 Date: **12/27/2024**



Maps Provided By:



Area Symbol: IA077, Soil Area Version: 33

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**
L107	Webster clay loam, Bemis moraine, 0 to 2 percent slopes	40.92	54.4%		95	IIw	88
L55	Nicollet loam, 1 to 3 percent slopes	23.34	31.0%		5	Ie	91
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	6.92	9.2%			Ile	88
L138C	Clarion loam, Bemis moraine, 6 to 10 percent slopes	3.73	5.0%			IIle	84
L95	Harps clay loam, Bemis moraine, 0 to 2 percent slopes	0.29	0.4%		100	IIw	75
<b>Weighted Average</b>						<b>1.74</b>	<b>88.7</b>

Soils data provided by USDA and NRCS.

\*c: Using Capabilities Class Dominant Condition Aggregation Method

# Topography Map



Map Center: 41° 47' 8.68, -94° 22' 19.1

0ft 645ft 1291ft

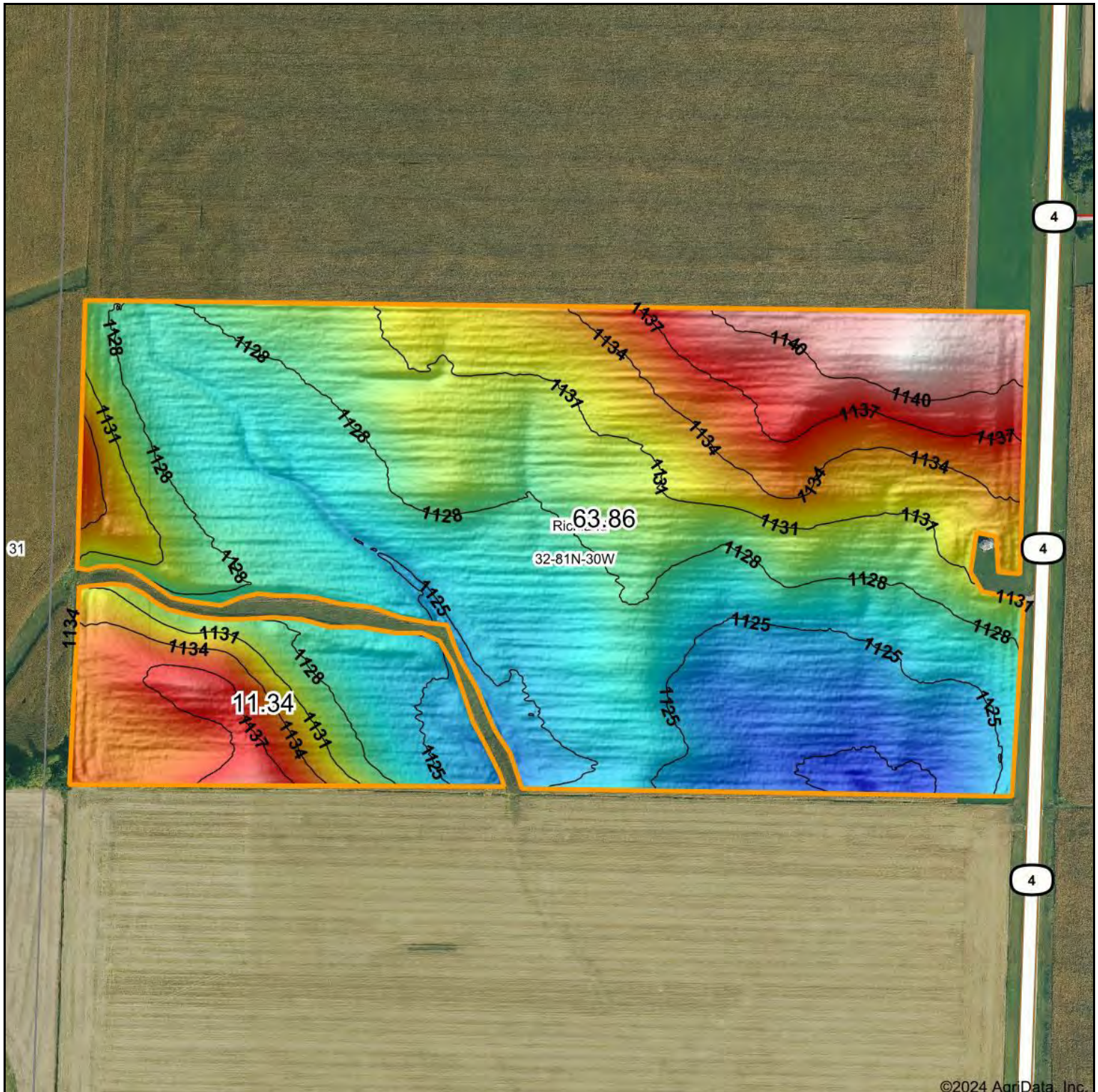
Maps Provided By:  
 **surety**  
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**32-81N-30W**  
**Guthrie County**  
**Iowa**





# Topography Hillshade



Low Elevation High

**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Maps Provided By:

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Source: USGS 1 meter dem

Interval(ft): 3

Min: 1,120.8

Max: 1,142.6

Range: 21.8

Average: 1,129.7

Standard Deviation: 4.79 ft

0ft 423ft 846ft



12/27/2024

**32-81N-30W**  
**Guthrie County**  
**Iowa**

Boundary Center: 41° 47' 9.07, -94° 22' 20.09



4 Year Crop History



Owner/Operator:

Address:

Address:

Phone:

Date:

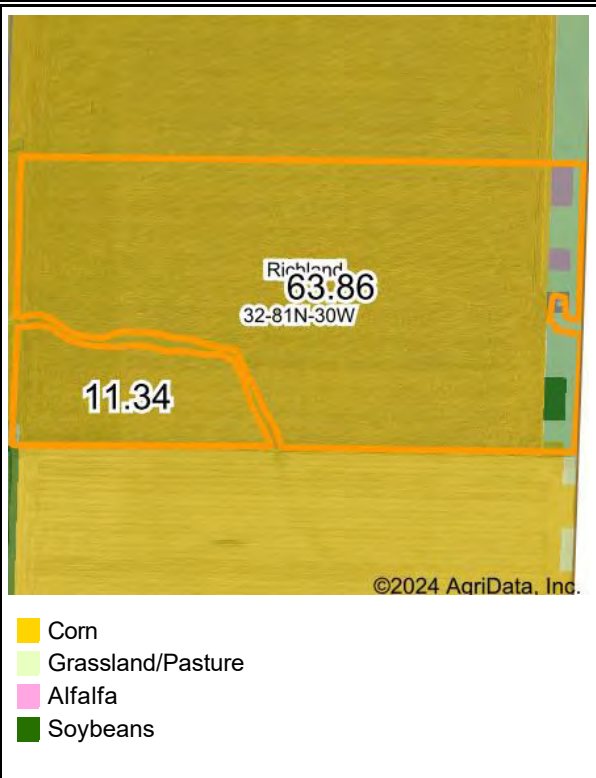
Farm Name:

Field ID:

Acct. #:

Crop Year:

Crop Year:



Crop Year:

Crop Year:



Boundary Center: 41° 47' 9.07, -94° 22' 20.09

State: IA County: Guthrie

Legal: 32-81N-30W Twnshp: Richland

Crop data provided by USDA National Agricultural Statistics Service Cropland Data Layer





# Plant Growth(NDVI) with Hillshade 2024



©2024 AgriData, Inc.



Crop:

0ft 393ft 786ft



Elevation Min: 1,120.8  
Max: 1,142.6  
Range: 21.8  
Average: 1,129.7  
Standard Deviation: 4.79 ft



**32-81N-30W**  
**Guthrie County**  
**Iowa**

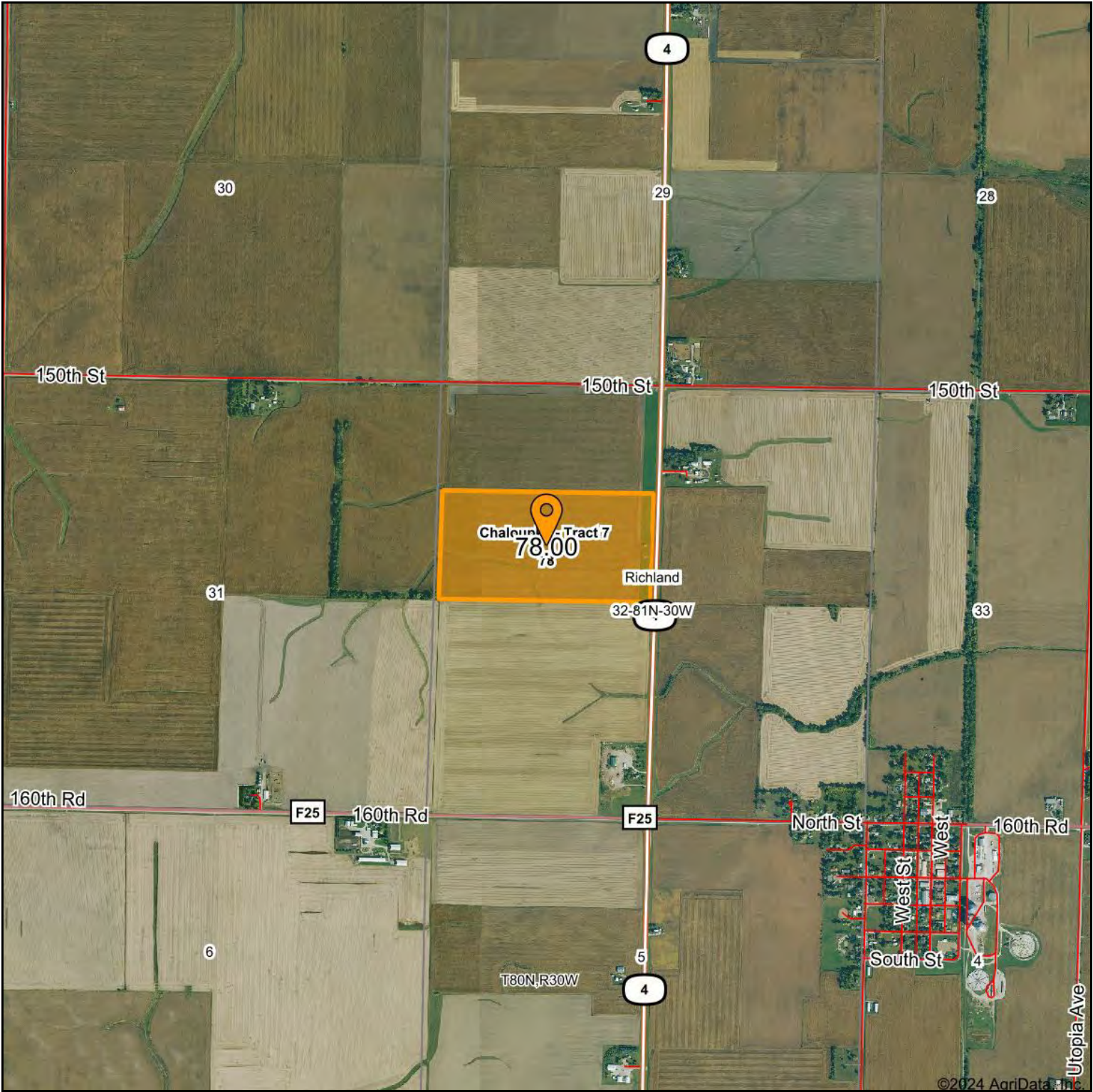
12/27/2024

Boundary Center:  
41° 47' 9.07, -94° 22' 20.09

Maps Provided By:  
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Location Map



 **WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Maps Provided By:  
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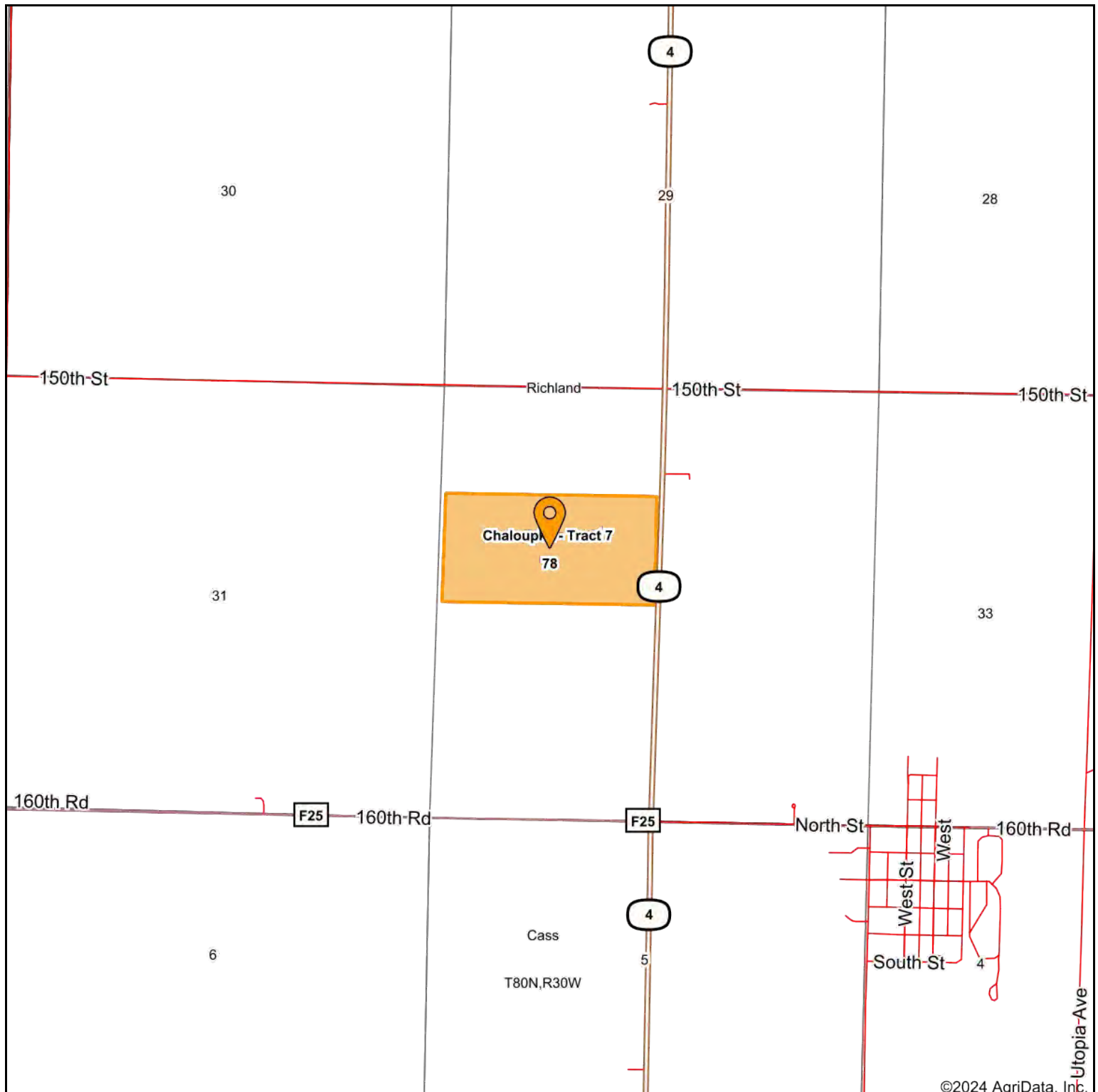
**32-81N-30W**  
**Guthrie County, IA**

0ft 1892ft 3785ft





# Location Map



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Maps Provided By:  
**surety**  
CUSTOMIZED ONLINE MAPPING  
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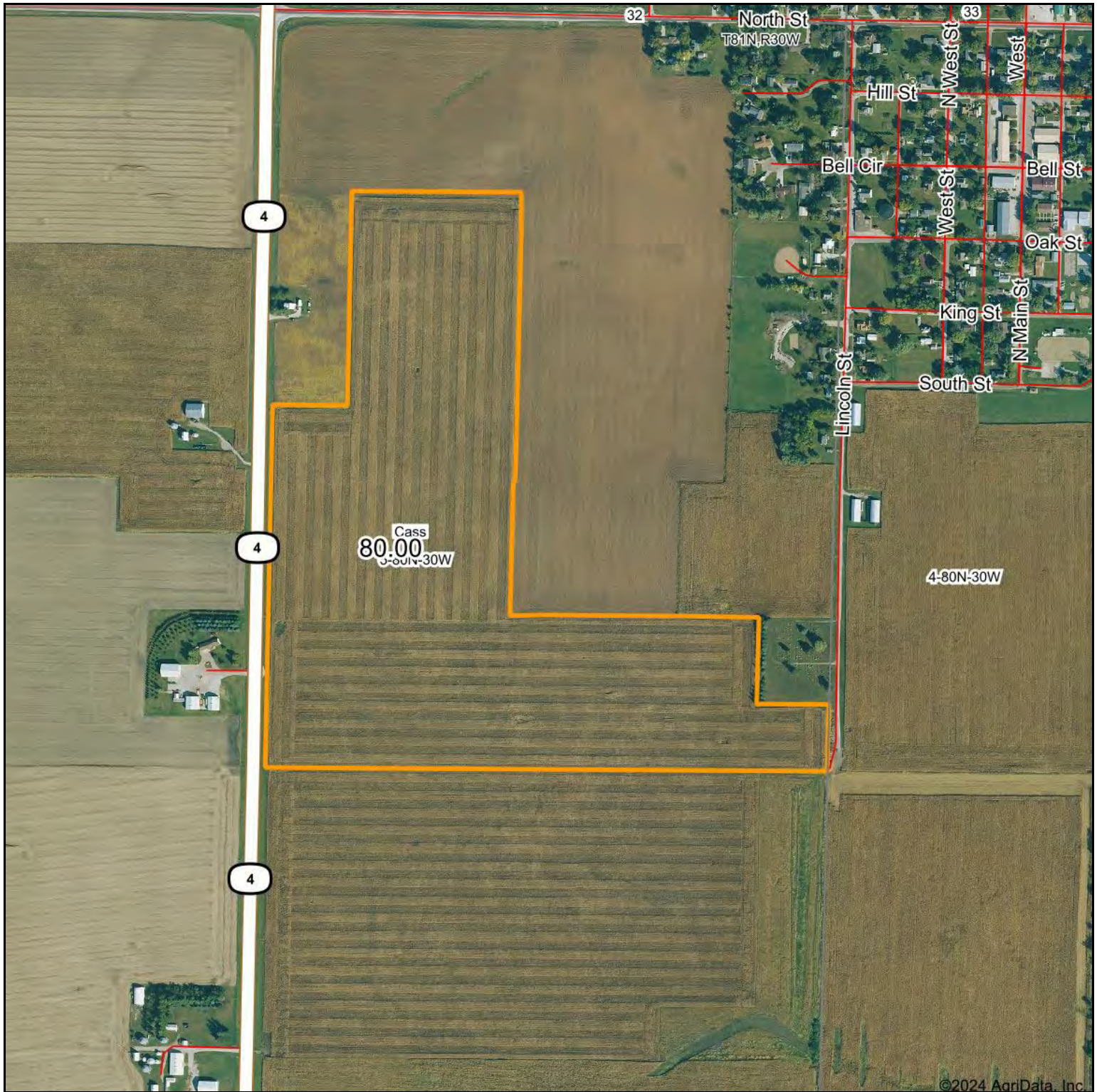
**32-81N-30W**  
**Guthrie County, IA**

0ft 1892ft 3785ft



12/27/2024

# Aerial Map



Maps Provided By:  
 **surety**  
CUSTOMIZED ONLINE MAPPING  
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**80 Acres**  
**5-80N-30W**  
**Guthrie County, IA**

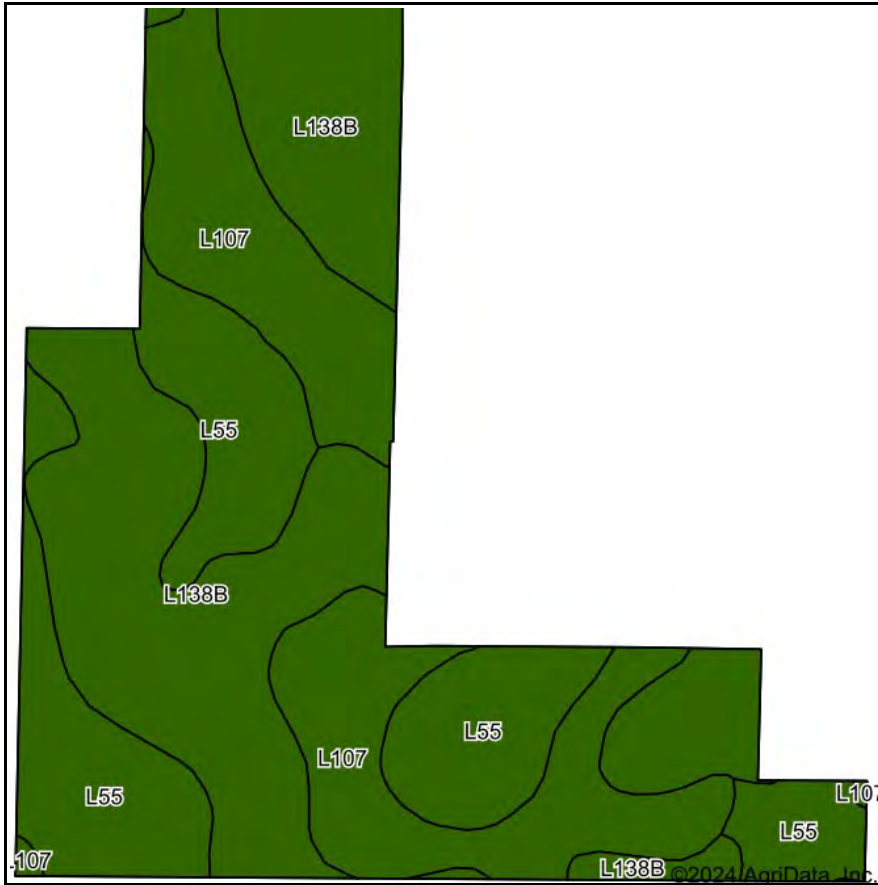
0ft 710ft 1421ft



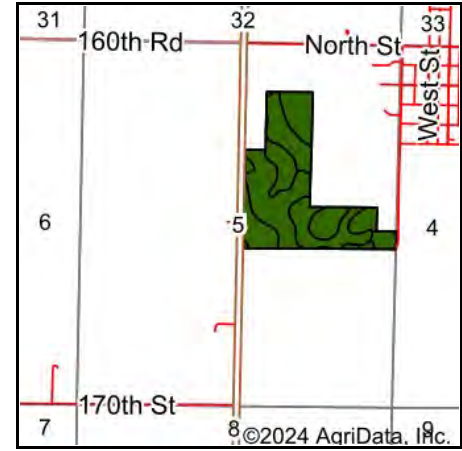
12/27/2024



# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Guthrie**  
 Location: **5-80N-30W**  
 Township: **Cass**  
 Acres: **80**  
 Date: **12/27/2024**



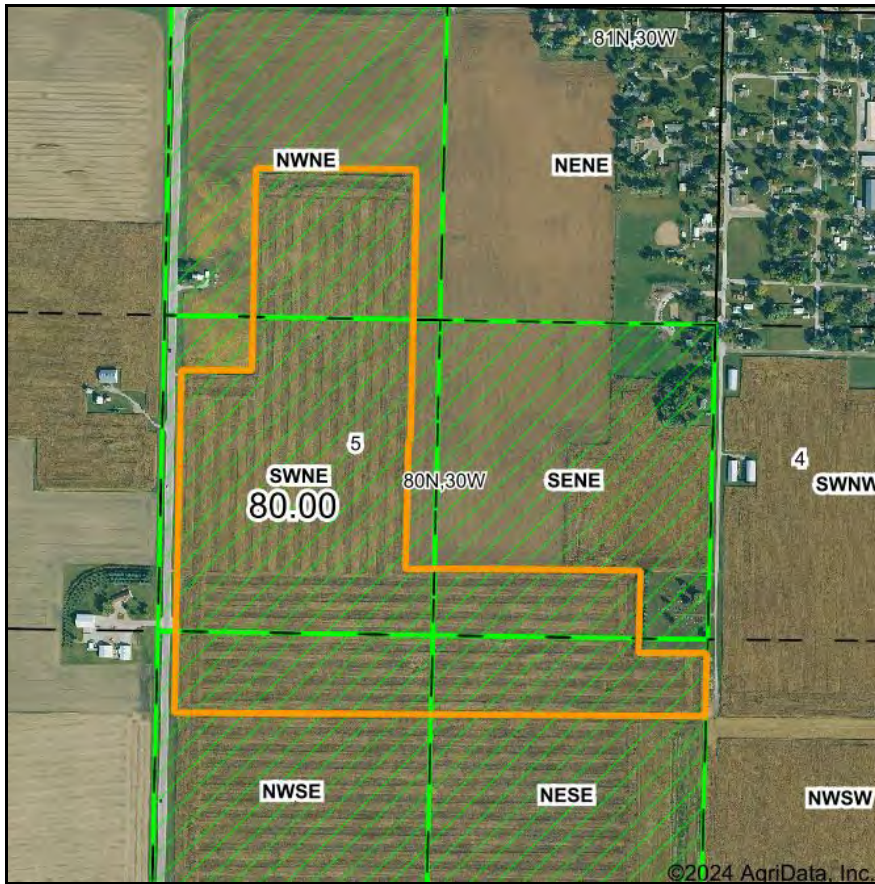
Area Symbol: IA077, Soil Area Version: 33

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	33.86	42.4%			Ile	88
L55	Nicollet loam, 1 to 3 percent slopes	23.39	29.2%		5	le	91
L107	Webster clay loam, Bemis moraine, 0 to 2 percent slopes	22.75	28.4%		95	Ilw	88
<b>Weighted Average</b>						<b>1.71</b>	<b>88.9</b>

Soils data provided by USDA and NRCS. Area has updated the CSR values for each county to CSR2.

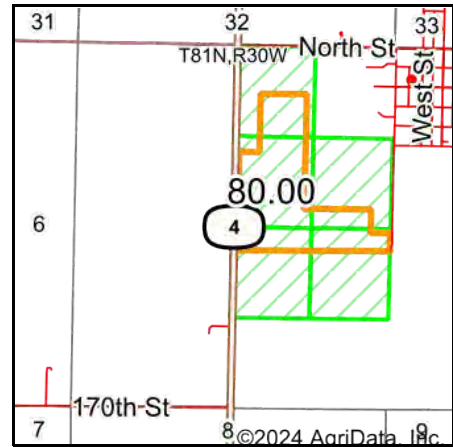
\*c: Using Capabilities Class Dominant Condition Aggregation Method

# PLSS Legal Description



Map Center: 41° 46' 12.41, -94° 21' 45.73

0ft 792ft 1584ft



Acres: 80  
Date: 12/27/2024  
Township: Cass  
County: Guthrie  
State: Iowa



Maps Provided By:



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PLSS Source: **Bureau of Land Management (BLM)**

PLSS Note: **BLM contains Government Lots and Quarters. Availability and accuracy will vary by location**

Short Legal:

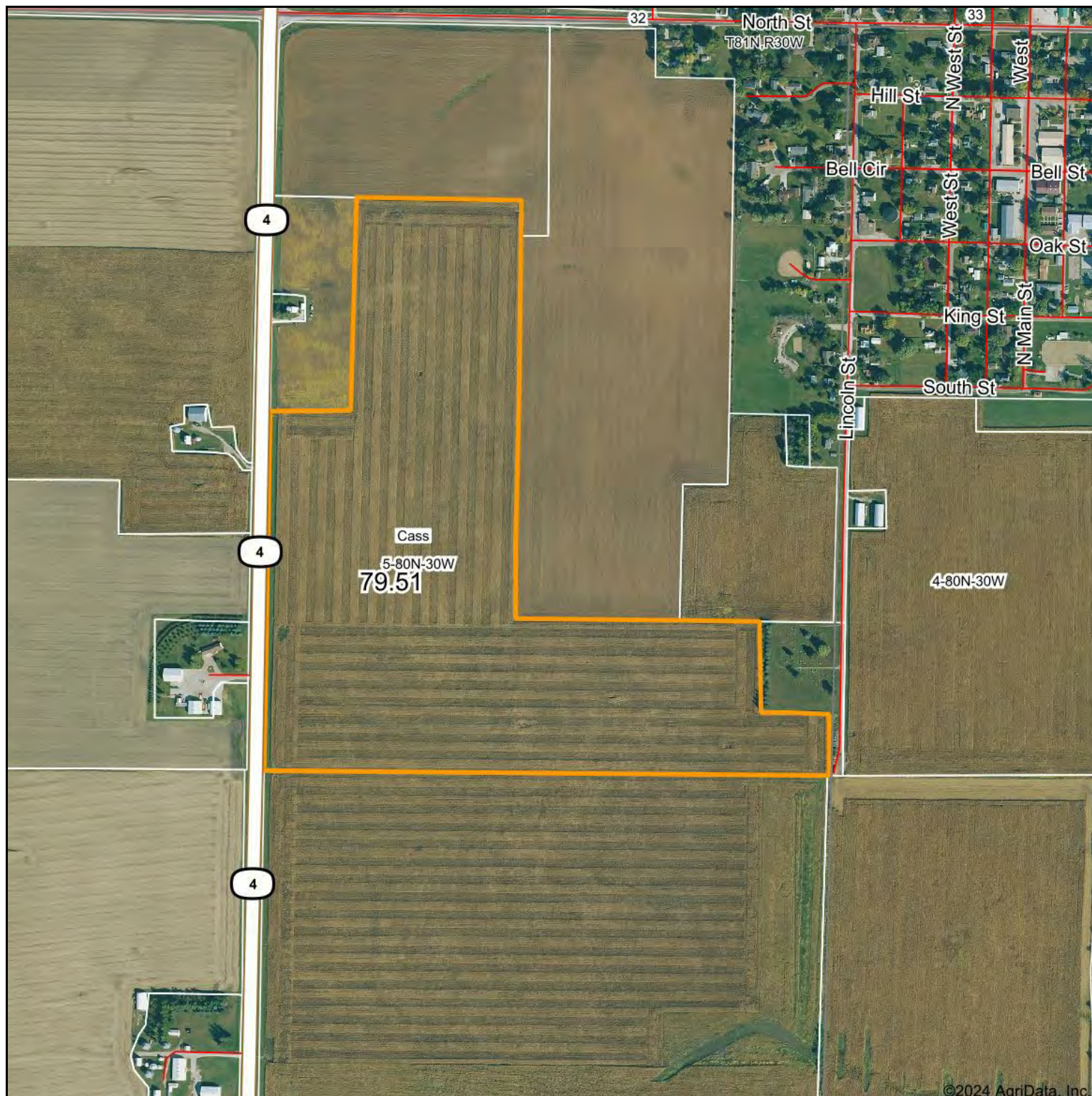
PT NWNE; PT SWNE; PT SENE; PT NWSE; PT NESE 5-80N-30W

Long Legal:

PART OF THE NW1/4 NE1/4; PART OF THE SW1/4 NE1/4; PART OF THE SE1/4 NE1/4; PART OF THE NW1/4 SE1/4; PART OF THE NE1/4 SE1/4 OF SECTION 5, TOWNSHIP 80 NORTH, 30 WEST, GUTHRIE COUNTY, IOWA



# Aerial Map



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Boundary Center: 41° 46' 15.29, -94° 21' 45.82

0ft 710ft 1421ft

**5-80N-30W**  
**Guthrie County**  
**Iowa**



Maps Provided By:



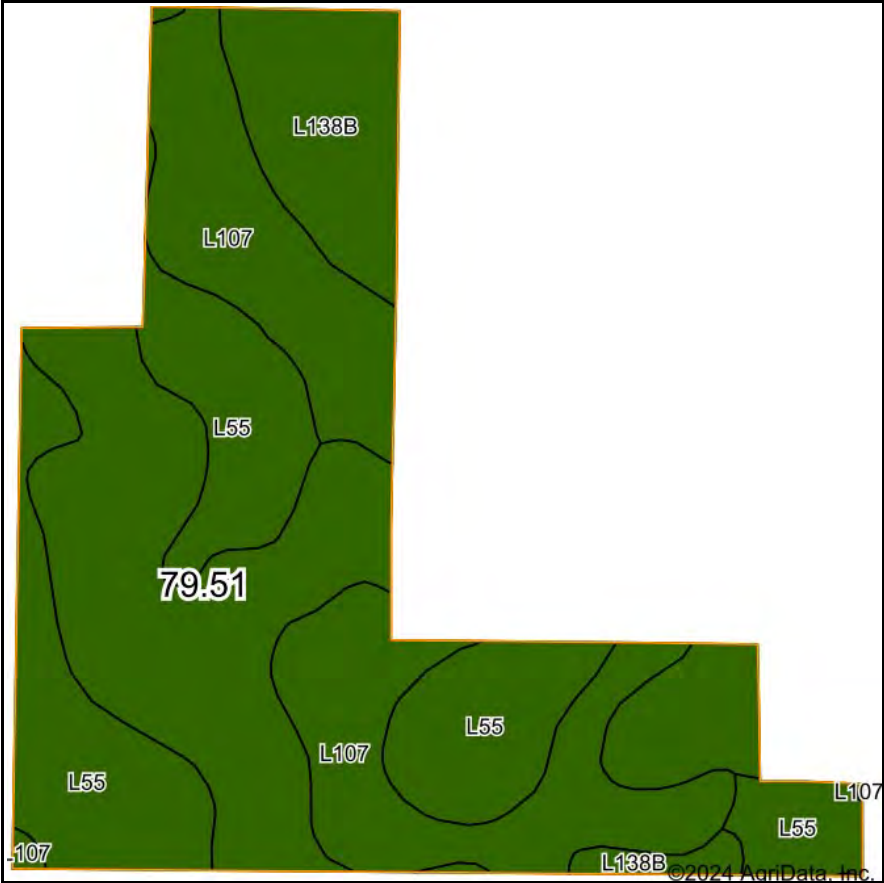
© AgriData, Inc. 2023

www.AgriDataInc.com

12/27/2024

Field borders provided by Farm Service Agency as of 5/21/2008.

Soils Map



Soils data provided by USDA and NRCS.



State: Iowa  
County: Guthrie  
Location: 5-80N-30W  
Township: Cass  
Acres: 79.51  
Date: 12/27/2024



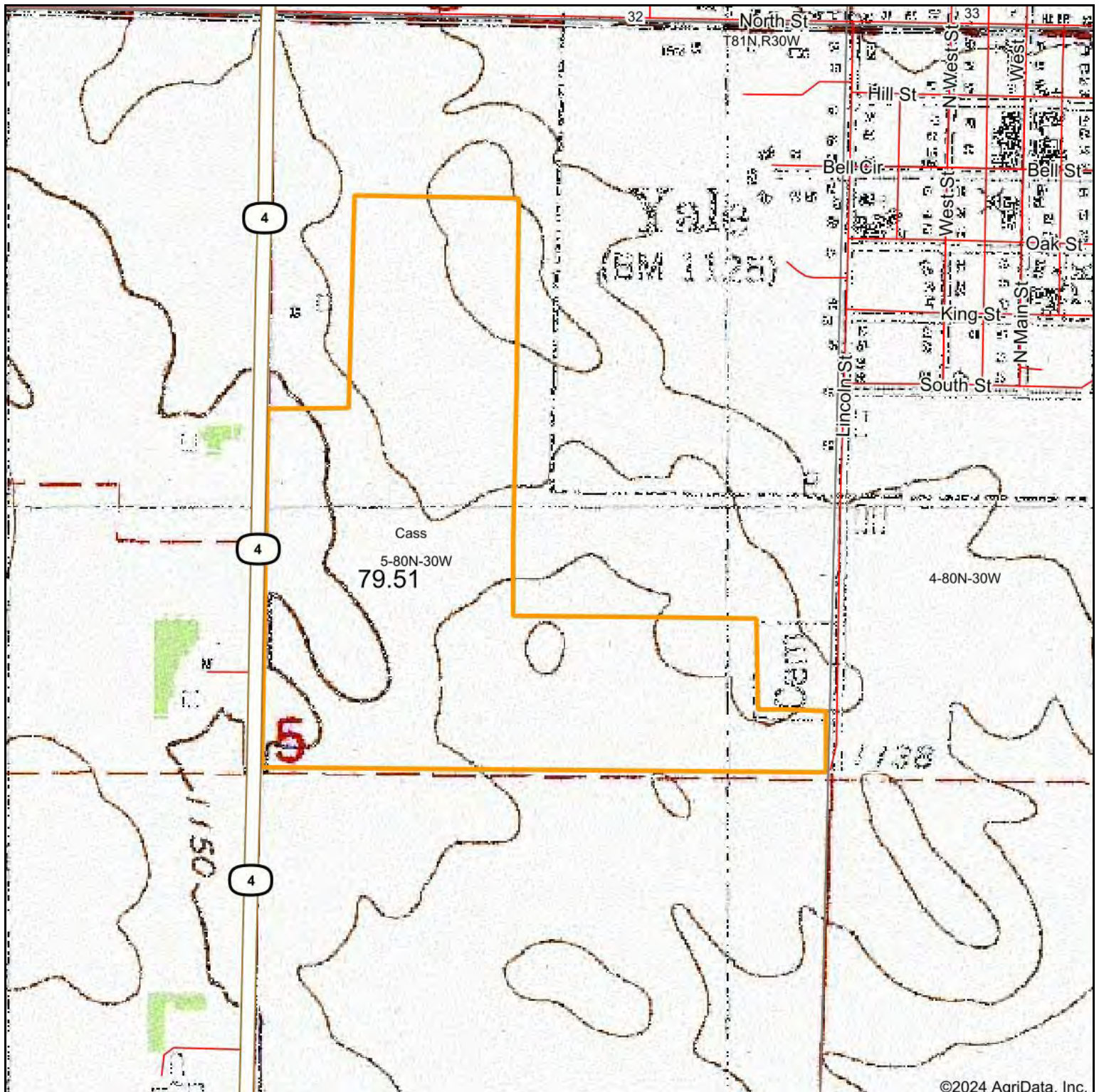
Area Symbol: IA077, Soil Area Version: 33							
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Hydric Rating	Non-Irr Class *c	CSR2**
L138B	Clarion loam, Bemis moraine, 2 to 6 percent slopes	33.21	41.8%			Ile	88
L55	Nicollet loam, 1 to 3 percent slopes	23.70	29.8%		5	le	91
L107	Webster clay loam, Bemis moraine, 0 to 2 percent slopes	22.60	28.4%		95	Ilw	88
Weighted Average						1.70	88.9

Soils data provided by USDA and NRCS. AgriData has updated the CSR values for each county to CSR2.

\*c: Using Capabilities Class Dominant Condition Aggregation Method



# Topography Map



Map Center: 41° 46' 12.41, -94° 21' 45.73

0ft 710ft 1421ft

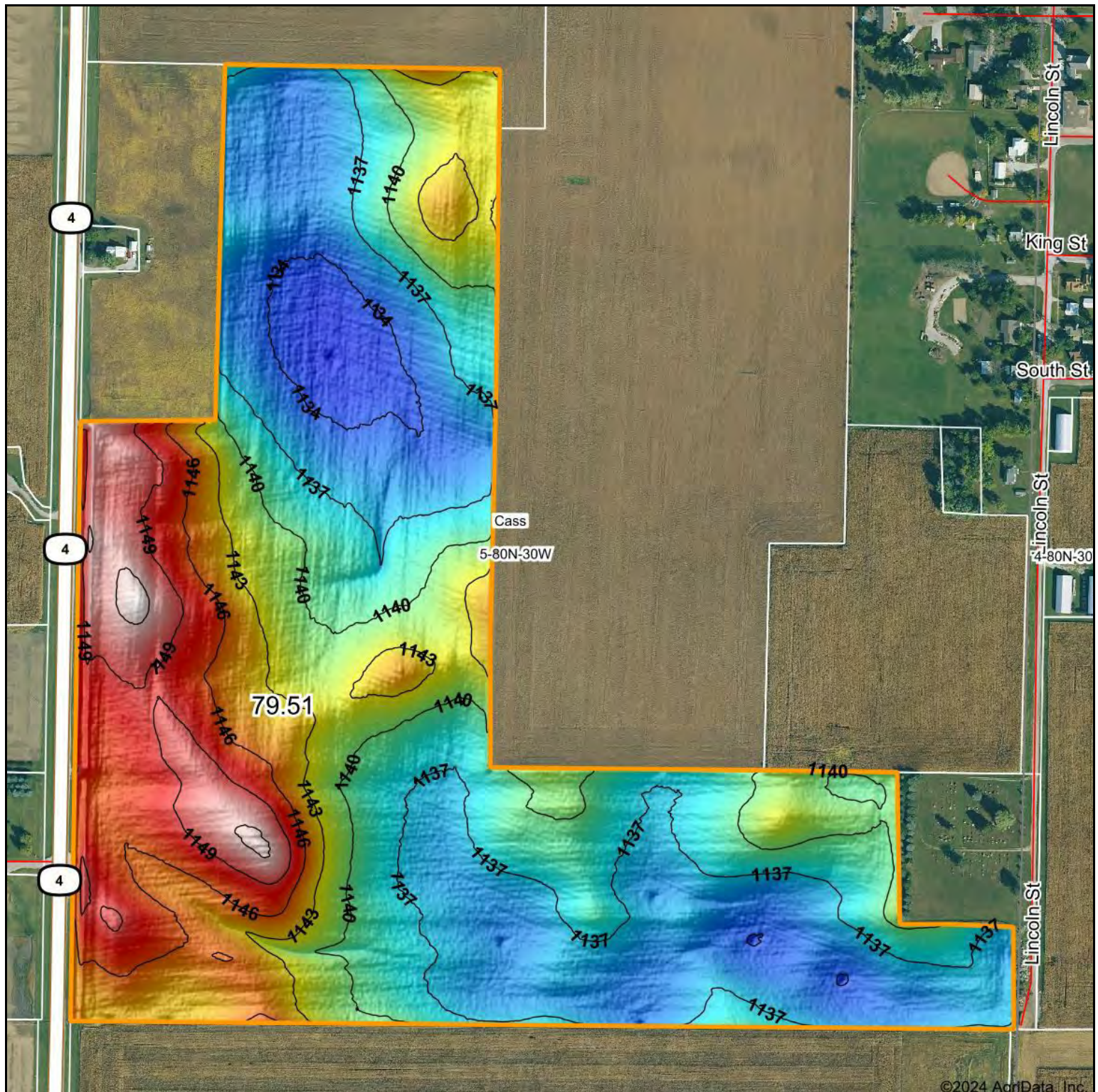


**5-80N-30W**  
**Guthrie County**  
**Iowa**

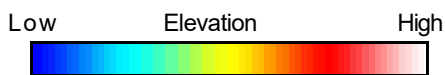




# Topography Hillshade



©2024 AgriData, Inc.



Source: USGS 1 meter dem

0ft 425ft 849ft

Interval(ft): 3

Min: 1,132.7

Max: 1,152.9

Range: 20.2

Average: 1,140.3

Standard Deviation: 4.92 ft



12/27/2024

**5-80N-30W**  
**Guthrie County**  
**Iowa**

Boundary Center: 41° 46' 15.29, -94° 21' 45.82

**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Maps Provided By:

**surety**  
CUSTOMIZED ONLINE MAPPING

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Field borders provided by Farm Service Agency as of 5/21/2008.



4 Year Crop History



Owner/Operator:

Address:

Address:

Phone:

Date:

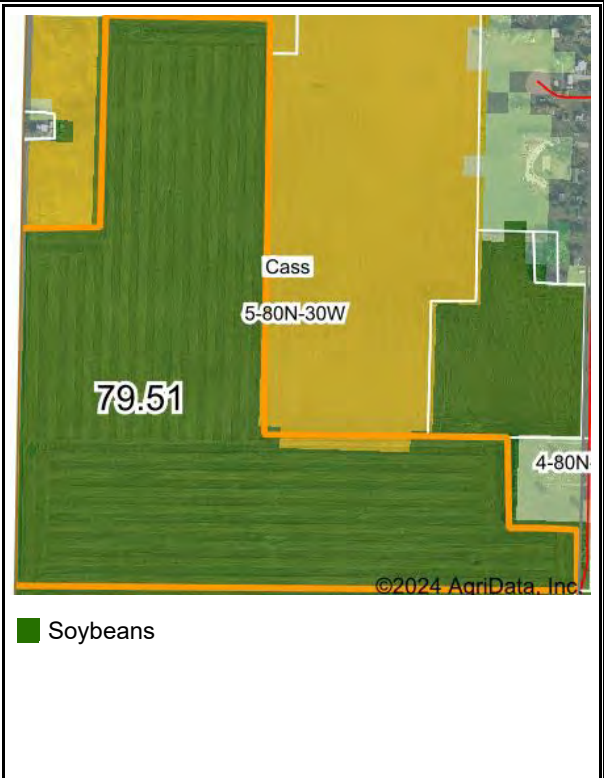
Farm Name:

Field ID:

Acct. #:

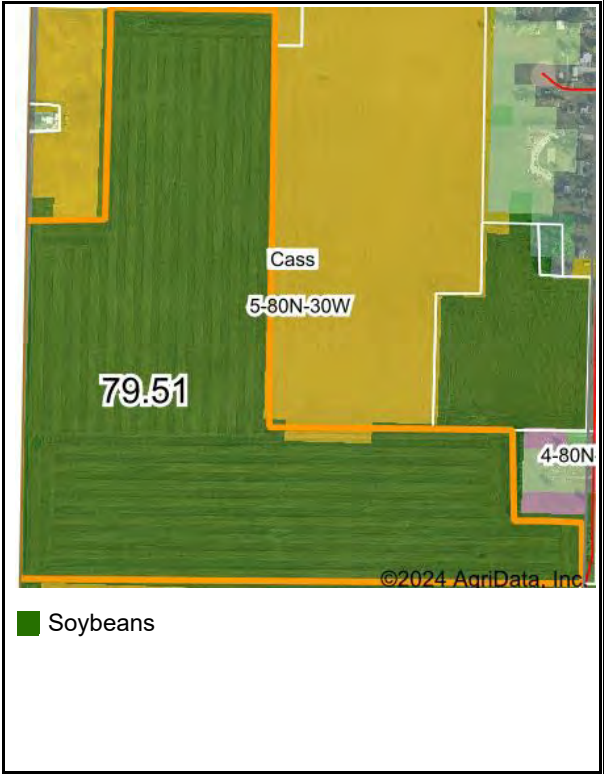
Crop Year:

Crop Year:



Crop Year:

Crop Year:



Boundary Center: 41° 46' 15.29, -94° 21' 45.82

State: IA County: Guthrie

Legal: 5-80N-30W Twnshp: Cass

Field borders provided by Farm Service Agency as of 5/21/2008. Crop data provided by USDA National Agricultural Statistics Service Cropland Data Layer





# Plant Growth(NDVI) with Hillshade 2024



©2024 AgriData, Inc.



Crop:

0ft 394ft 789ft



**WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Elevation Min: 1,132.7

Max: 1,152.9

Range: 20.2

Average: 1,140.3

Standard Deviation: 4.92 ft



12/27/2024

**5-80N-30W**  
**Guthrie County**  
**Iowa**

Boundary Center:  
41° 46' 15.29, -94° 21' 45.82

Maps Provided By:

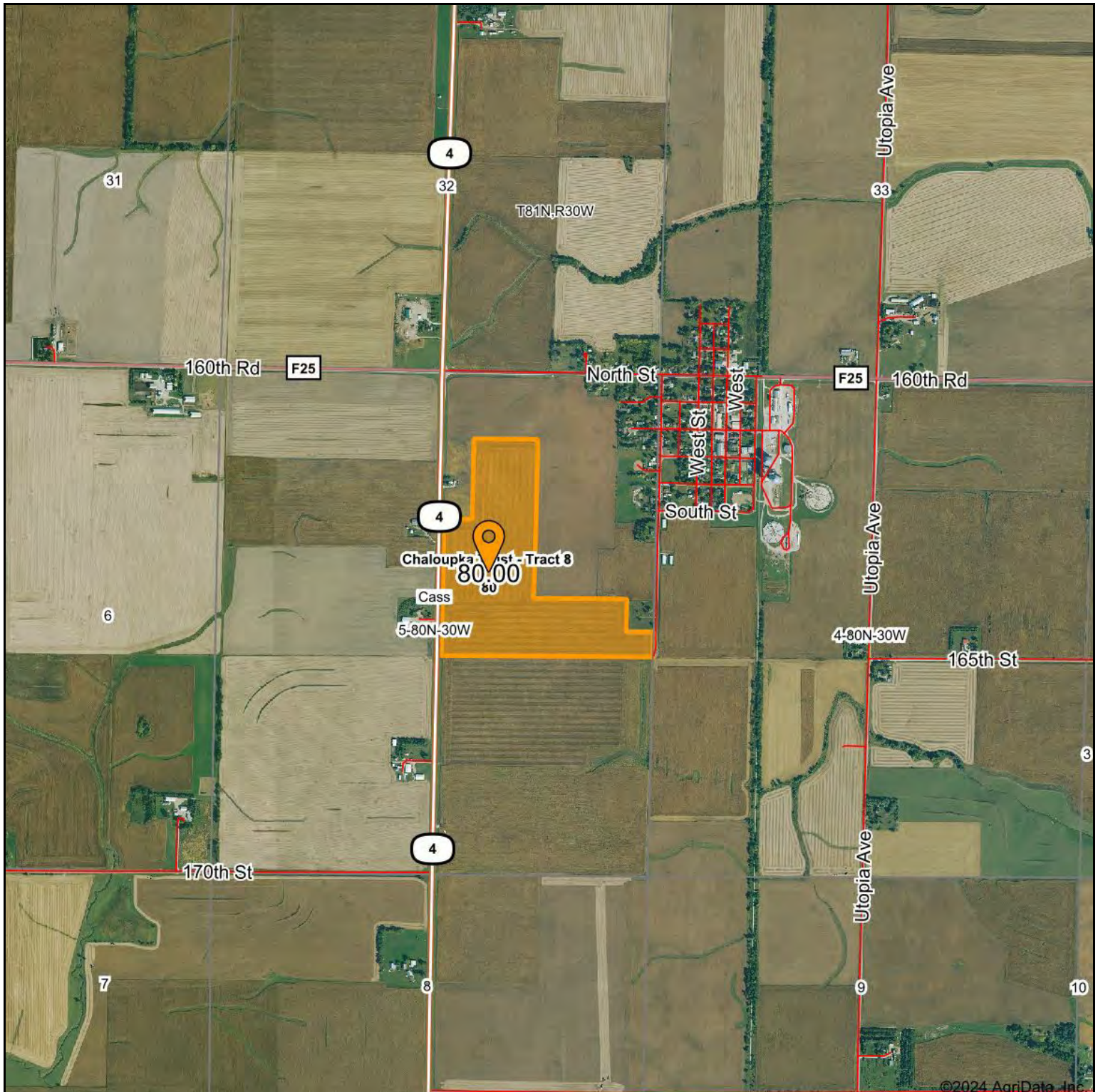


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Field borders provided by Farm Service Agency as of 5/21/2008.



# Location Map



 **WHITAKER MARKETING GROUP**  
AUCTIONS | REAL ESTATE

Maps Provided By:  
 **surety**  
CUSTOMIZED ONLINE MAPPING  
© AgriData, Inc. 2023 [www.AgrIDataInc.com](http://www.AgrIDataInc.com)

**5-80N-30W**  
**Guthrie County, IA**

0ft 1891ft 3782ft



12/27/2024

The map displays a section of Chaloupka, Mississippi, with a focus on the area around Tract 8. Key features include:

- Tract 8:** A yellow-shaded L-shaped area labeled "Chaloupka East - Tract 8" with the number "80" inside.
- Counties:** Richland to the north and Cass to the south.
- Roads:**
  - 160th Rd (F25) running horizontally across the top.
  - 170th St running horizontally across the bottom.
  - Utopia Ave running vertically on the right side.
  - North St, West St, and South St running horizontally within the tract area.
- Geographic Markers:**
  - A yellow pin with a red dot is located on the northern boundary of Tract 8.
  - Section numbers 31, 32, 33, 6, 7, 8, 9, and 10 are visible along the top and bottom edges.
  - Range T81N, R30W is indicated in the upper right.

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12/27/2024



# PLAT OF SURVEY

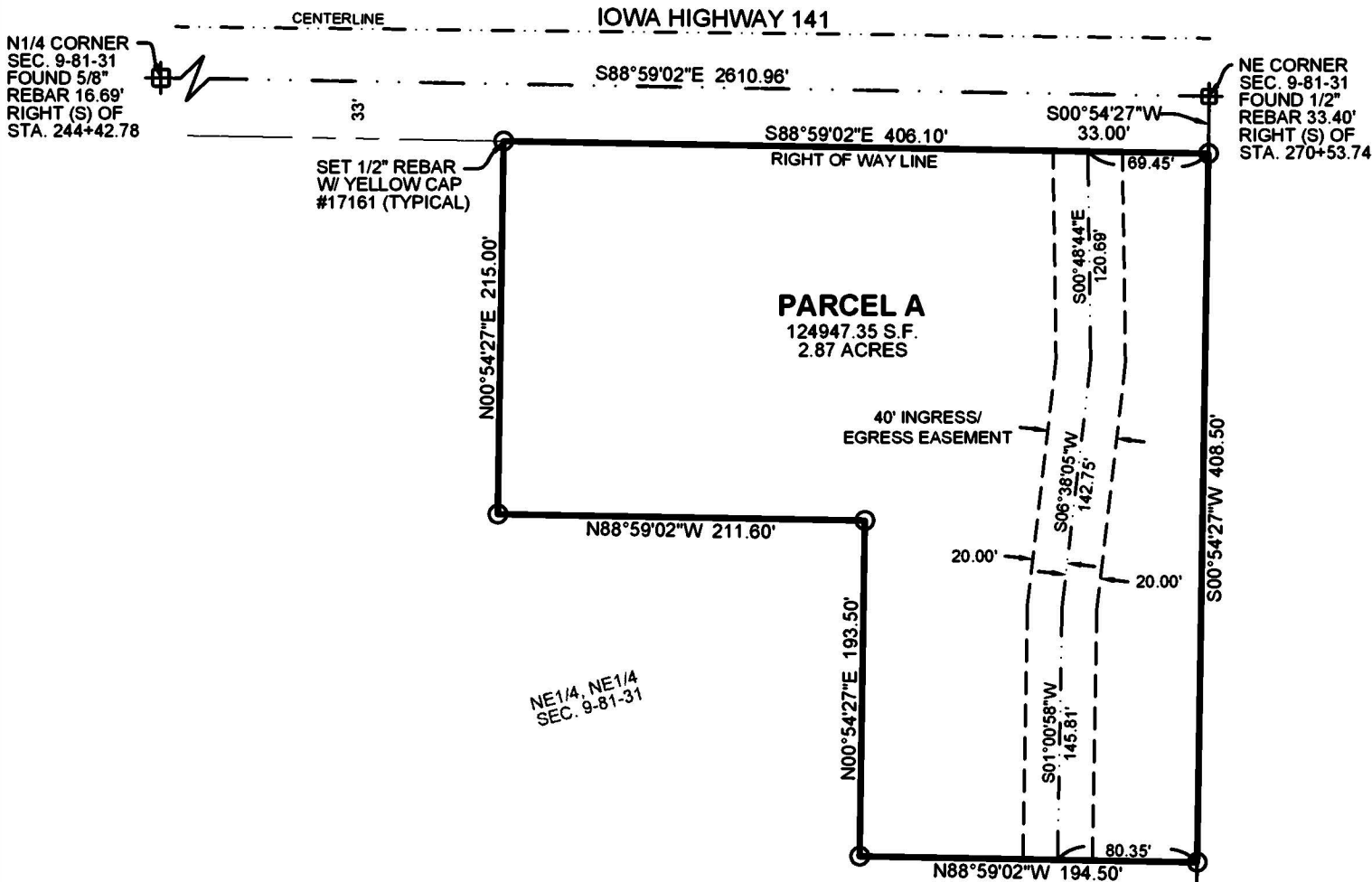
**LOCATION:** IN THE NE1/4, NE1/4 OF SEC. 9-81-31  
GUTHRIE COUNTY, IOWA

**PROPRIETOR:** FRANCES CATHERINE CHALOUPKA REV. TRUST,  
CATHERINE L. CHALOUPKA, CAROLYN J. DEARDORF,  
CONNIE E. CHALOUPKA, CELIA F. MOREY,  
CHERYL A. HUMPHREY

**REQUESTED BY:** CONNIE CHALOUPKA

**PREPARED BY  
& RETURN TO:** R. BRADLEY STUMBO, PLS #17161  
STRAND ASSOCIATES, INC.  
AMES, IA 50010  
515-233-0000

Recorded: 1/14/2025 at 10:07:05.0 AM  
County Recording Fee: \$7.00  
Iowa E-Filing Fee: \$3.13  
Combined Fee: \$10.13  
Revenue Tax:  
Guthrie County, Iowa  
Tristen Richard RECORDER  
BK: PG:  
Instr. Number: 2025-0085



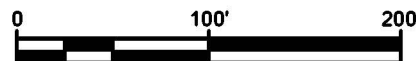
### Survey Description - Parcel A:

That part of the Northeast Quarter of the Northeast Quarter of Section 9, Township 81 North, Range 31 West of the 5th P.M., Guthrie County, Iowa, being more particularly described as follows: Commencing at the Northeast Corner of said Section 9; thence S00°54'27"W, 33.00 feet along the east line thereof to the south right of way line of Iowa Highway 141 and the point of beginning; thence continuing S00°54'27"W, 408.50 feet; thence N88°59'02"W, 194.50 feet; thence N00°54'27"E, 193.50 feet; thence N88°59'02"W, 211.60 feet; thence N00°54'27"E, 215.00 feet to the south right of way line of Iowa Highway 141; thence S88°59'02"E, 406.10 feet to the point of beginning, containing 2.87 acres.

**Description - Ingress/Egress Easement:**

A strip of land 40.00 feet in width across Parcel A in the Northeast Quarter of the Northeast Quarter of Section 9, Township 81 North, Range 31 West of the 5th P.M., Guthrie County, Iowa, being situated 20.00 feet on each side of the following centerline: Beginning at a point on the north line of said Parcel A which is 69.45 feet West of the Northeast Corner thereof; thence S00°48'44"E, 120.69 feet; thence S06°38'05"W, 142.75 feet; thence S01°00'58"W, 145.81 feet to the south line of said Parcel A, and there terminating.

E1/4 CORNER  
SEC. 9-81-31  
FOUND 1/2"  
REBAR

STRAND  
ASSOCIATES<sup>2</sup>

**Strand Associates, Inc.**  
**414 South 17th Street, Suite 107**  
**Ames, Iowa 50010**  
**Phone: (515) 233-0000**  
**FAX: (515) 233-0103**

I hereby certify that this land surveying document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Land Surveyor under the laws of the State of Iowa.

R. Bully Stl

**R. BRADLEY STUMBO, PLS**

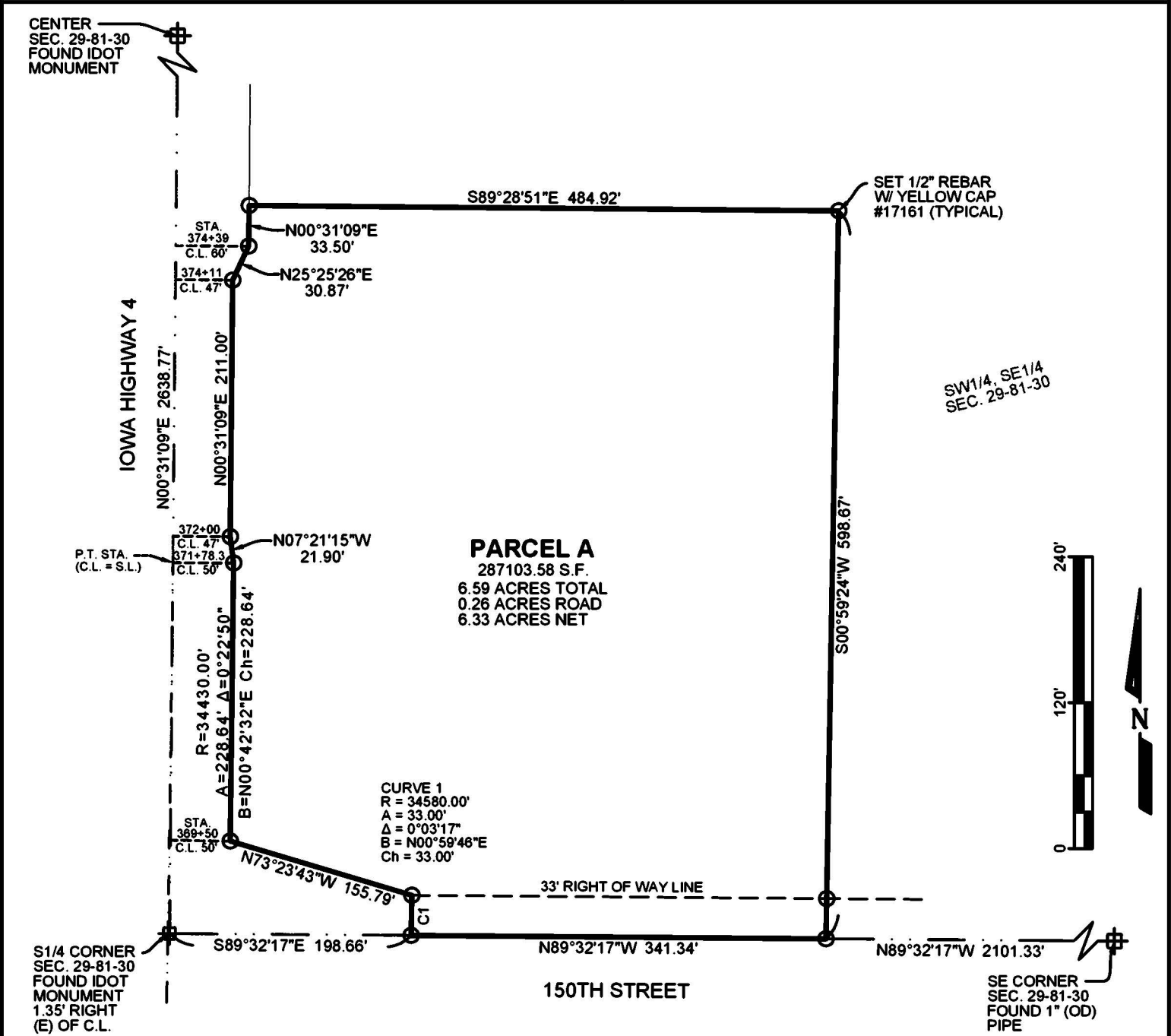
**My license renewal date is December 31, 2025.**

1/14/2025

DATE \_\_\_\_\_



PLAT OF SURVEY		Recorded: 1/14/2025 at 10:03:25.0 AM County Recording Fee: \$7.00 Iowa E-Filing Fee: \$3.13 Combined Fee: \$10.13 Revenue Tax: Guthrie County, Iowa Tristen Richard RECORDER BK: PG: Instr. Number: 2025-0084
LOCATION:	IN THE SW1/4, SE1/4 OF SECTION 29-81-30 GUTHRIE COUNTY, IOWA	
PROPRIETOR:	VERNON LEE CHALOUPKA REVOCABLE TRUST FRANCES CATHERINE CHALOUPKA REVOCABLE TRUST	
REQUESTED BY:	CONNIE CHALOUPKA	
PREPARED BY & RETURN TO:	R. BRADLEY STUMBO, PLS #17161 STRAND ASSOCIATES, INC. AMES, IA 50010 515-233-0000	



**Survey Description - Parcel A:**  
That part of the Southwest Quarter of the Southeast Quarter of Section 29, Township 81 North, Range 30 West of the 5th P.M., Guthrie County, Iowa, being more particularly described as follows: Commencing at the South Quarter Corner of said Section 29; thence S89°32'17"E, 198.66 feet along the south line of said Section 29 to the easterly right of way line of Iowa Highway 4 and the point of beginning; thence following said easterly right of way line Northerly, 33.00 feet along a curve having a radius of 34580.00 feet, concave to the West, a central angle of 0°03'17" and being subtended by a chord bearing N00°59'46"E, 33.00 feet to its intersection with the north right of way line of 150th Street; thence N73°23'43"W, 155.79 feet; thence Northerly, 228.64 feet along a curve having a radius of 34430.00 feet, concave to the West, a central angle of 0°22'50" and being subtended by a chord bearing N00°42'32"E, 228.64 feet; thence N07°21'15"W, 21.90 feet; thence N00°31'09"E, 211.00 feet; thence N25°25'26"E, 30.87 feet; thence N00°31'09"E, 33.50 feet; thence departing said right of way line S89°28'51"E, 484.92 feet; thence S00°59'24"W, 598.67 feet to the south line of said Section 29; thence N89°32'17"W, 341.34 feet to the point of beginning, containing 6.59 acres, which includes 0.26 acres of existing public right of way.

 <b>STRAND ASSOCIATES<sup>®</sup></b> Strand Associates, Inc. 414 South 17th Street, Suite 107 Ames, Iowa 50010 Phone: (515) 233-0000 FAX: (515) 233-0103	I hereby certify that this land surveying document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Land Surveyor under the laws of the State of Iowa.		
	R. BRADLEY STUMBO, PLS	1/14/2025	
	DATE		
	License number 17161		
	My license renewal date is December 31, 2025.		