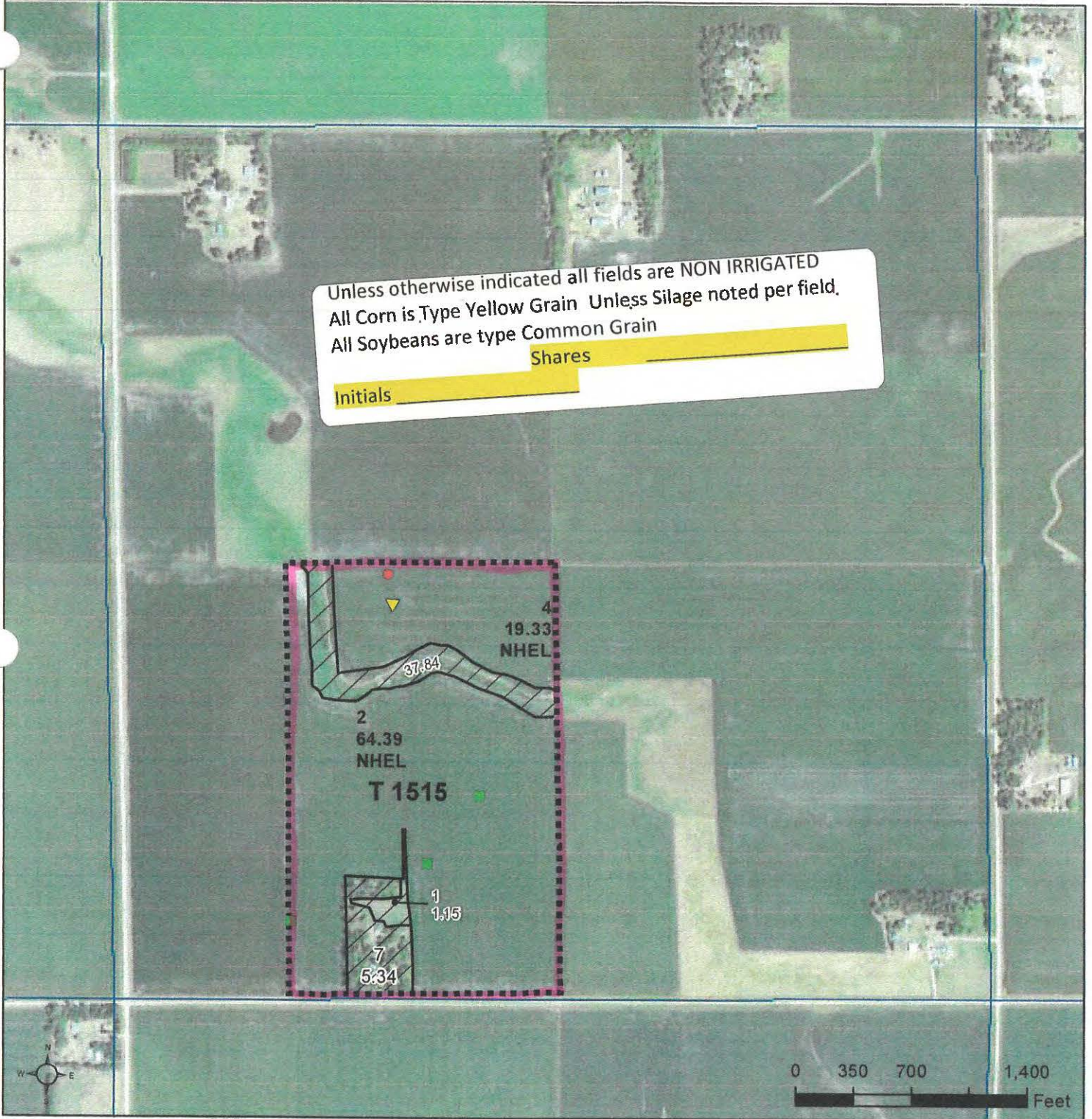


# **Attachment No. 13**



**Common Land Unit**

- Non-Cropland
- Cropland
- Tract Boundary
- PLSS

**Wetland Determination Identifiers**

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

2023 Program Year

Map Created October 31, 2022

Farm 822

35-108N-49W-Moody

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).



**HEARTLAND  
GREENWAY**

EXHIBIT A

Connie J. Beyer-Lalonde Living Trust  
HGS-SD-MO-1-017.000  
Moody County, SD

This exhibit is a mapping sketch  
descriptive only of the size, shape  
and location of corridor and does  
not constitute a plat or survey of  
the tract shown. For informational purposes only.

SUMMARY






PROPOSED LENGTH

2788.34 Feet  
168.99 Rods

PROPOSED ACREAGE

3.2 Permanent Easement Acres  
3.2 Temp Workspace Acres  
0.27 ATWS Acres

LEGEND

-  Easement Centerline
-  Permanent Easement
-  TWS
-  ATWS
-  Tracts



Grower : Connie Lalonde  
 Farm : Shorty's  
 Field : Shorty's  
 Year : 2022  
 Operation : Grain Harvest  
 Crop / Product : Multiple  
 Op. Instance : Harvest - 1  
 Area : 66.56 ac  
 Avg. Yield : 46.48 bu/ac  
 Avg. Moisture : 11.62 %

| Yield (Dry) |         |                   |
|-------------|---------|-------------------|
| (bu/ac)     |         |                   |
| ■           | 52.60 - | 387.11 ( 7.95 ac) |
| ■           | 49.92 - | 52.60 ( 9.76 ac)  |
| ■           | 47.95 - | 49.92 (10.03 ac)  |
| ■           | 45.93 - | 47.95 (10.10 ac)  |
| ■           | 43.37 - | 45.93 ( 9.96 ac)  |
| ■           | 39.71 - | 43.37 ( 9.66 ac)  |
| ■           | 5.00 -  | 39.71 ( 9.10 ac)  |

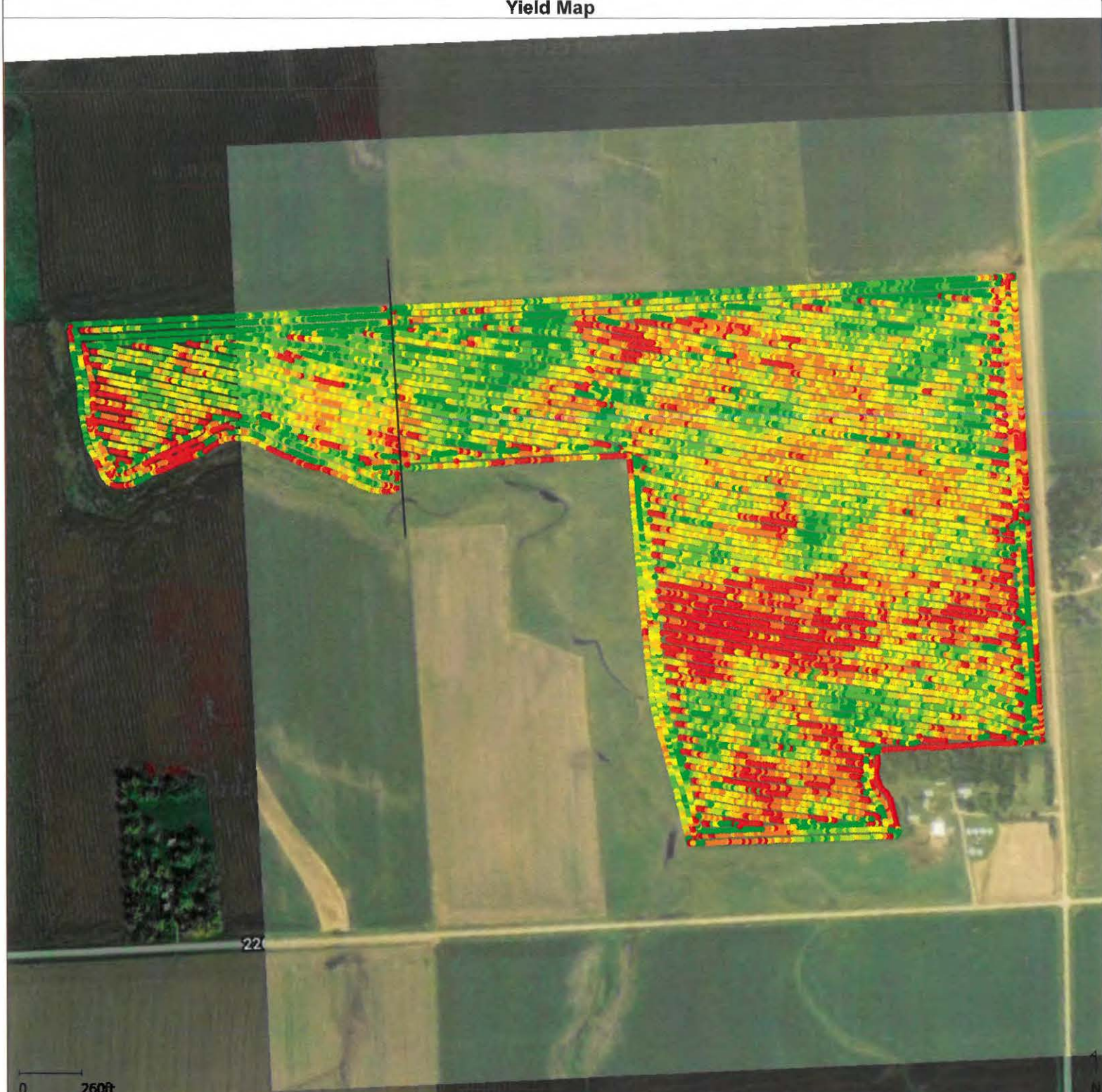
Yield Map



Grower : Connie Lalonde  
 Farm : Betty's  
 Field : Betty's N field  
 Year : 2022  
 Operation : Grain Harvest  
 Crop / Product : 09XF0  
 Op. Instance : Harvest - 1  
 Area : 124.50 ac  
 Avg. Yield : 44.56 bu/ac  
 Avg. Moisture : 9.522 %

| Yield (Dry) |   |                   |
|-------------|---|-------------------|
| (bu/ac)     |   |                   |
| 49.81       | - | 365.83 (15.33 ac) |
| 47.38       | - | 49.81 (18.07 ac)  |
| 45.62       | - | 47.38 (18.48 ac)  |
| 43.92       | - | 45.62 (18.54 ac)  |
| 42.07       | - | 43.92 (18.58 ac)  |
| 39.08       | - | 42.07 (18.17 ac)  |
| 5.09        | - | 39.08 (17.33 ac)  |

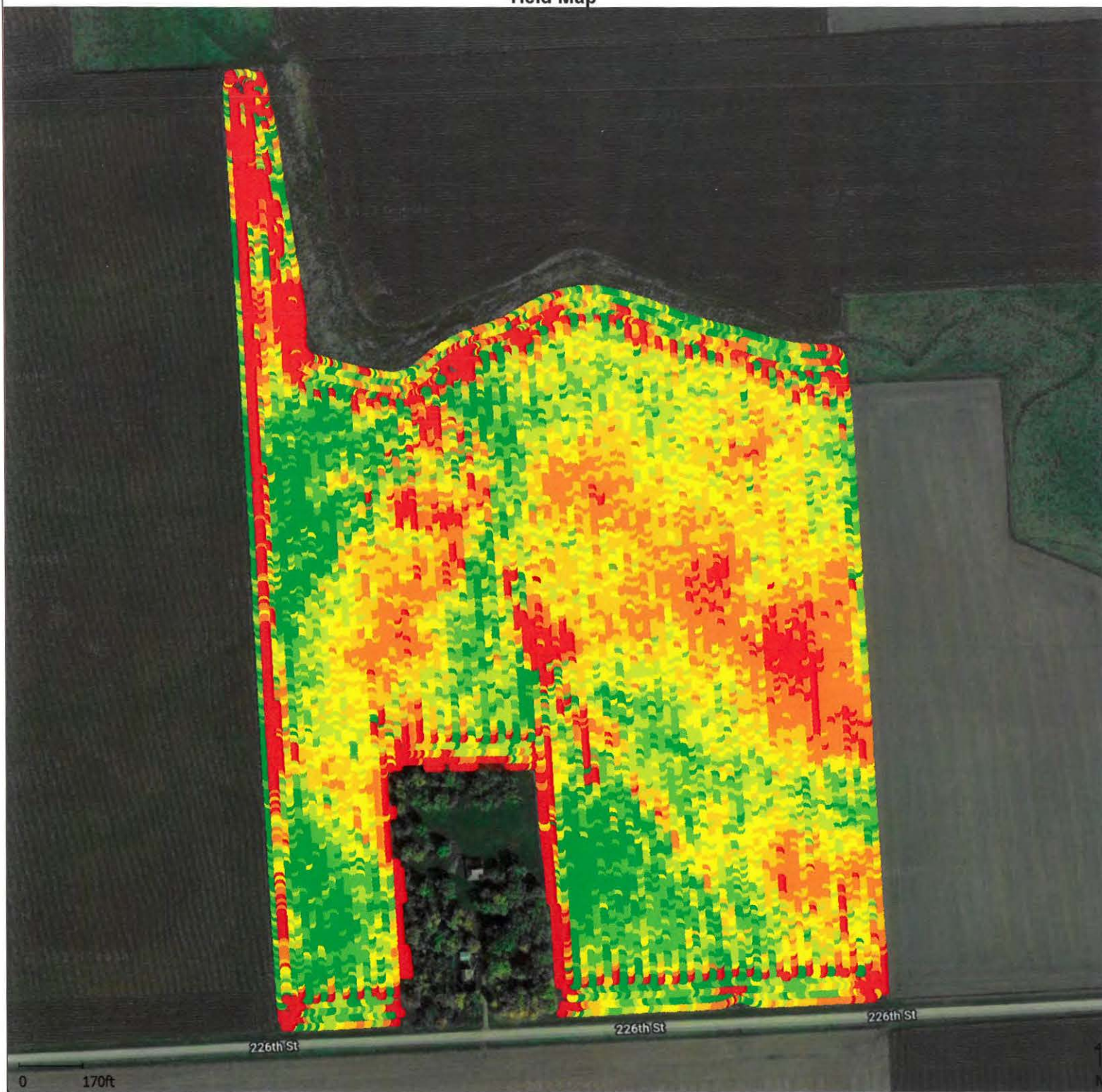
Yield Map



Grower : Connie Lalonde  
 Farm : Shorty's  
 Field : Shorty's  
 Year : 2021  
 Operation : Grain Harvest  
 Crop / Product : 9492AM  
 Op. Instance : Harvest - 1  
 Area : 65.34 ac  
 Avg. Yield : 171.83 bu/ac  
 Avg. Moisture : 15.17 %

| Yield (Dry)     |            |
|-----------------|------------|
| (bu/ac)         |            |
| 208.06 - 498.23 | ( 8.65 ac) |
| 193.59 - 208.06 | ( 9.63 ac) |
| 182.74 - 193.59 | ( 9.95 ac) |
| 172.92 - 182.74 | (10.07 ac) |
| 161.50 - 172.92 | (10.17 ac) |
| 141.09 - 161.50 | ( 9.93 ac) |
| 5.02 - 141.09   | ( 6.95 ac) |

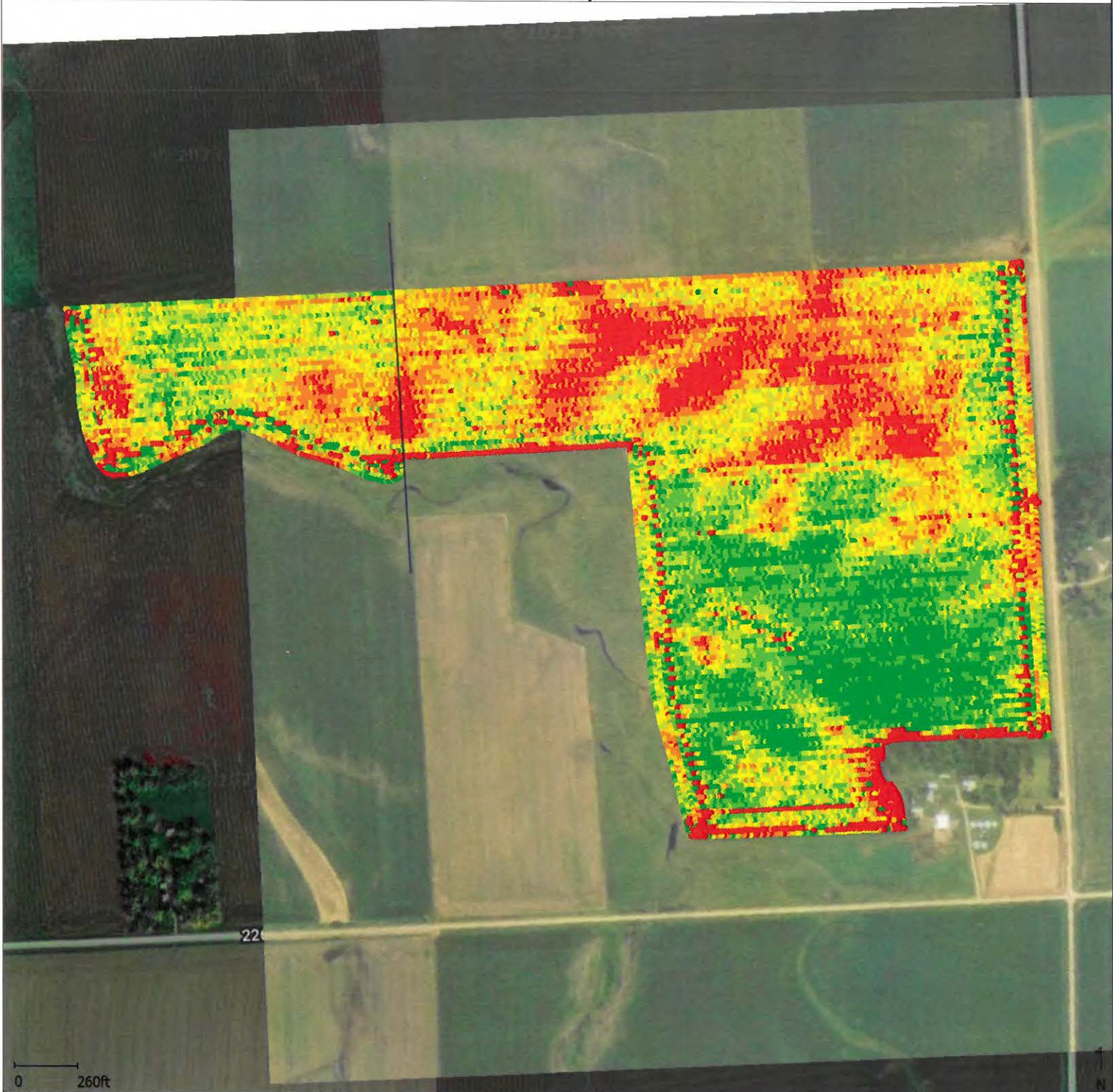
Yield Map



Grower : Connie Lalonde  
Farm : Betty's  
Field : Betty's N field  
Year : 2021  
Operation : Grain Harvest  
Crop / Product : 4727-4895  
Op. Instance : Harvest - 1  
Area : 119.20 ac  
Avg. Yield : 173.94 bu/ac  
Avg. Moisture : 16.30 %

| Yield (Dry)<br>(bu/ac) |            |
|------------------------|------------|
| 198.71 - 482.04        | (16.54 ac) |
| 187.32 - 198.71        | (17.42 ac) |
| 178.17 - 187.32        | (17.37 ac) |
| 170.05 - 178.17        | (17.38 ac) |
| 161.64 - 170.05        | (17.48 ac) |
| 150.68 - 161.64        | (17.66 ac) |
| 5.05 - 150.68          | (15.35 ac) |

Yield Map



Grower : Connie Lalonde  
 Farm : Shorty's  
 Field : Shorty's  
 Year : 2020  
 Operation : Grain Harvest  
 Crop / Product : Multiple  
 Op. Instance : Harvest - 1  
 Area : 65.33 ac  
 Avg. Yield : 51.51 bu/ac  
 Avg. Moisture : 10.79 %

| Yield (Dry)<br>(bu/ac) |                |            |
|------------------------|----------------|------------|
| ■                      | 59.26 - 377.34 | ( 6.99 ac) |
| ■                      | 54.93 - 59.26  | ( 9.00 ac) |
| ■                      | 52.59 - 54.93  | ( 9.57 ac) |
| ■                      | 50.62 - 52.59  | ( 9.93 ac) |
| ■                      | 48.63 - 50.62  | (10.21 ac) |
| ■                      | 46.10 - 48.63  | (10.47 ac) |
| ■                      | 5.19 - 46.10   | ( 9.16 ac) |

Yield Map





Grower : Connie Lalonde  
Farm : Betty's  
Field : Betty's N field  
Year : 2020  
Operation : Grain Harvest  
Crop / Product : Multiple  
Op. Instance : Harvest - 1  
Area : 119.68 ac  
Avg. Yield : 55.98 bu/ac  
Avg. Moisture : 11.09 %

| Yield (Dry)    |            |
|----------------|------------|
| (bu/ac)        |            |
| 63.41 - 395.56 | (13.53 ac) |
| 59.81 - 63.41  | (16.29 ac) |
| 57.20 - 59.81  | (17.17 ac) |
| 54.76 - 57.20  | (17.72 ac) |
| 52.34 - 54.76  | (18.13 ac) |
| 49.47 - 52.34  | (18.63 ac) |
| 5.40 - 49.47   | (18.21 ac) |

Yield Map



# Farm Record

Total Acres \_\_\_\_\_ Farm# \_\_\_\_\_ Landlord \_\_\_\_\_  
 Twp. \_\_\_\_\_ Rg. \_\_\_\_\_ Sec. \_\_\_\_\_

|                                |                                 |                                 |
|--------------------------------|---------------------------------|---------------------------------|
| Beans 118A<br>A2 11X8<br>(135) | Beans 64A<br>P10. A716X<br>(74) | Corn 23A<br>P10.<br>9772<br>(1) |
|--------------------------------|---------------------------------|---------------------------------|

S:

TILLAGE:

Sh... +  
B... B

## Fertilizer

| DATE | RATE | PRODUCT | TOTAL LBS | COST/A | TOTAL |
|------|------|---------|-----------|--------|-------|
|      |      |         |           |        |       |
|      |      |         |           |        |       |
|      |      |         |           |        |       |
|      |      |         |           |        |       |

### APPLICATION COSTS

### CROP INSURANCE

| DATE | RATE | PRE-PLANT HERBICIDE | COST/A |
|------|------|---------------------|--------|
|      |      |                     |        |
|      |      |                     |        |
|      |      |                     |        |
|      |      |                     |        |

## Seeding

### PLANTING

| DATE  | RATE   | ACRES  | CROP  | VARIETY   | UNIT COST |
|-------|--------|--------|-------|-----------|-----------|
| 10-30 | 160.00 | 113.06 | Beans | AS 11X8   |           |
| 11-1  | 160.00 | 4.09   | "     | FDA 11X8  |           |
| 5-1   | 150.00 | 66.53  | "     | P10 A716X |           |
| 4-23  | 33K    | 23     | Corn  | Pro 9772  |           |

## Corn Wet fld Harvest

### POST HERBICIDE

| DATE  | RATE   | PRODUCT | COST/A |
|-------|--------|---------|--------|
| 12-15 | 1000   | 39,230  | 40,280 |
|       | 20,920 | 33,820  | 26,640 |

Yld Mon = 4830 bu or 207.9 bu/A

## Harvest

### HARVEST RESULTS

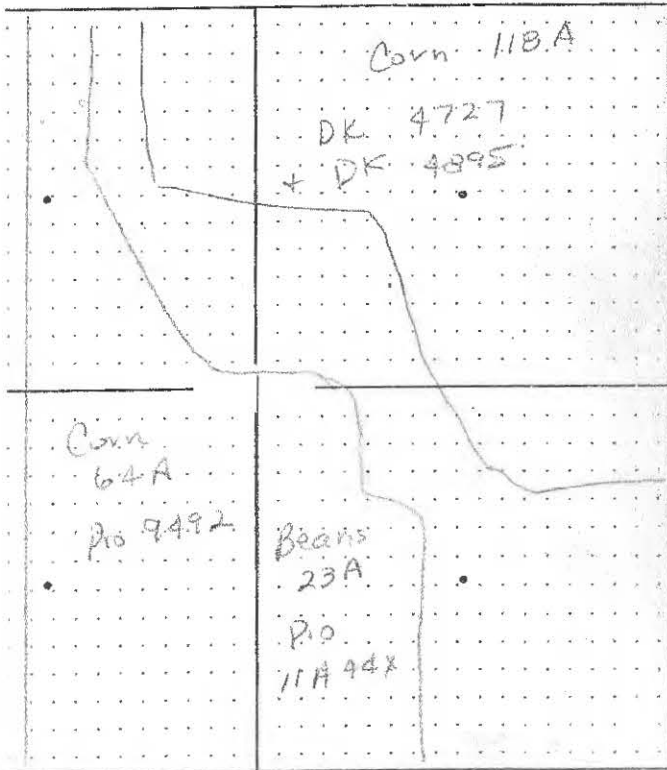
| DATE  | ACRES  | CROP  | BUSHEL  | YIELD                     | COST/A |
|-------|--------|-------|---|---------------------------|--------|
| 12-15 | 117.15 | Beans | 820 + 150 + 600 + 550 + 550 + 500 + 550 + 550 + 500 + 650 | Yld Mon = 6774 or 58 bu/A |        |
| 12-15 | 117.15 | Beans | 550 + 550 + 600 + 550 + 600 + 500 + 250                   | Yld Mon = 3427 or 29 bu/A |        |

RENT

2020

# Farm Record

Total Acres \_\_\_\_\_ Farm# \_\_\_\_\_ Landlord \_\_\_\_\_  
 Twp. \_\_\_\_\_ Rg. \_\_\_\_\_ Sec. \_\_\_\_\_



IS: \_\_\_\_\_  
 TILLAGE: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## Fertilizer

Betty's

| DATE | RATE | PRODUCT | TOTAL LBS | COST/A | TOTAL |
|------|------|---------|-----------|--------|-------|
|      |      |         |           |        |       |
|      |      |         |           |        |       |
|      |      |         |           |        |       |
|      |      |         |           |        |       |
|      |      |         |           |        |       |

### APPLICATION COSTS

CROP INSURANCE **Harvest**

| DATE  | RATE   | Betty's No. Harvest | PRE-PLANT HERBICIDE | COST/A |
|-------|--------|---------------------|---------------------|--------|
| 5-7   | 22,260 | 16,720              | 37,000              | 27,220 |
| 10-1  | 8,330  | 36,140              | 36,200              | 29,260 |
| 10-10 | 27,220 | 46,840              | 12,240              | 27,100 |
| 10-16 | 89,780 | 25,760              | 8,800               | 36,100 |
| 10-19 | 28,370 | 29,820              | 29,980              | 31,120 |
| 10-20 | 20,940 | 32,260              | 32,220              | 30,100 |
| 10-22 | 18,820 |                     | 30,530              | 14,820 |
|       |        |                     |                     | 28,940 |

Betty's No. field **Seeding** PLANTING

| DATE | RATE   | ACRES | CROP  | VARIETY     | UNIT COST                         |
|------|--------|-------|-------|-------------|-----------------------------------|
| 4-27 | 32,000 | 13.1  | Corn  | DK 727-4895 | Yld man = 2163 or 183.5 bu/A      |
| 4-28 | 33,000 | 9     | "     | "           | 1252160 or 22360 bu or 187.5 bu/A |
| 4-28 | 32,220 | 67.2  | Corn  | Plo 9492    |                                   |
| 5-3  | 1600   | 20    | Beans | Plo 11A 44X |                                   |

**Harvest** POST HERBICIDE

| DATE  | RATE   | West Corn | PRODUCT | COST/A |
|-------|--------|-----------|---------|--------|
| 10-13 | 32,140 | 35,060    | 29,200  | 28,160 |
|       | 31,500 | 31,560    | 34,400  | 35,080 |
|       | 31,160 | 32,120    | 35,920  | 32,340 |
|       | 34,720 |           | 33,800  | 34,200 |
|       |        |           |         | 21,860 |

Yld man = 11519 or 180 bu/A

6 wagons 3 grain carts to haul bins etc

### HARVEST RESULTS

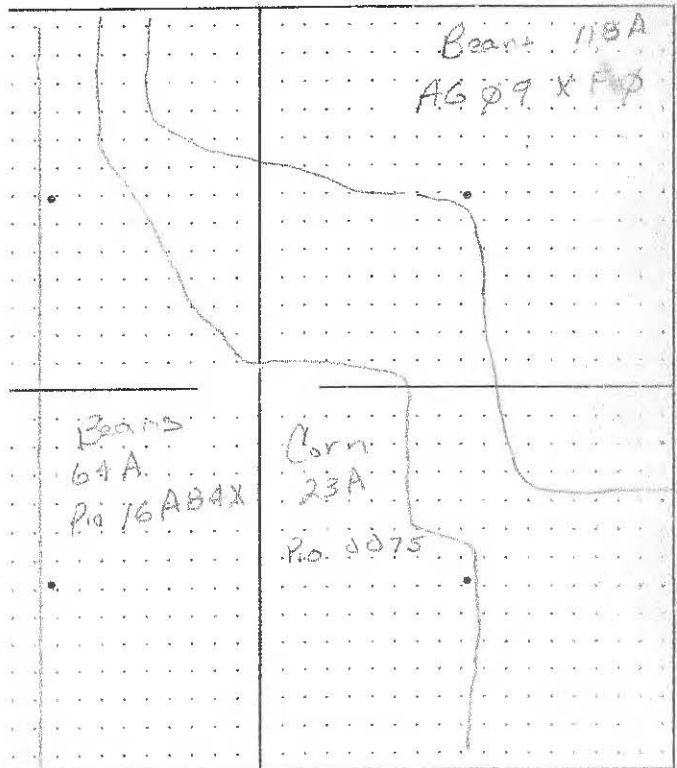
| DATE | ACRES | CROP  | BUSHELS | YIELD                       | COST/A |
|------|-------|-------|---------|-----------------------------|--------|
| 9-18 | 57.5  | Beans | 1220    | 53.3 bu/A                   |        |
|      |       |       |         | Yld man = 1217 or 52.9 bu/A |        |

RENT \_\_\_\_\_

2021

# Farm Record

Total Acres \_\_\_\_\_ Farm# \_\_\_\_\_ Landlord \_\_\_\_\_  
 Twp. \_\_\_\_\_ Rg. \_\_\_\_\_ Sec. \_\_\_\_\_



**IS:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**TILLAGE:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Rainfall 19.47  
 19" per Climate  
 Fertilizer

Shorty's + Betty's

| DATE | RATE | PRODUCT | TOTAL LBS | COST/A | TOTAL |
|------|------|---------|-----------|--------|-------|
|      |      |         |           |        |       |
|      |      |         |           |        |       |
|      |      |         |           |        |       |
|      |      |         |           |        |       |
|      |      |         |           |        |       |

APPLICATION COSTS  
 CROP INSURANCE

| DATE | RATE | PRE-PLANT HERBICIDE | COST/A |
|------|------|---------------------|--------|
|      |      |                     |        |
|      |      |                     |        |
|      |      |                     |        |
|      |      |                     |        |
|      |      |                     |        |

## Betty's West Seeding PLANTING

| DATE | RATE | ACRES | CROP             | VARIETY    | UNIT COST |
|------|------|-------|------------------|------------|-----------|
| 3-13 | 2200 | 23.9  | Corn             | Pio 0075   |           |
| 5-20 | 1600 | 120.5 | Beans            | AG 09F10   |           |
| 5-21 | 1600 | 64A   | Beans (Shorty's) | Pio 16AB4X |           |

## Harvest POST HERBICIDE

| DATE                                | RATE | Corn | PRODUCT          | COST/A |
|-------------------------------------|------|------|------------------|--------|
| 10-12                               | 220  |      |                  |        |
| 10-13                               | 1000 | 552  | 1700 600 900 550 | 5800   |
| Monitor = 4226 / 23A = 183.7 bu / A |      |      |                  |        |

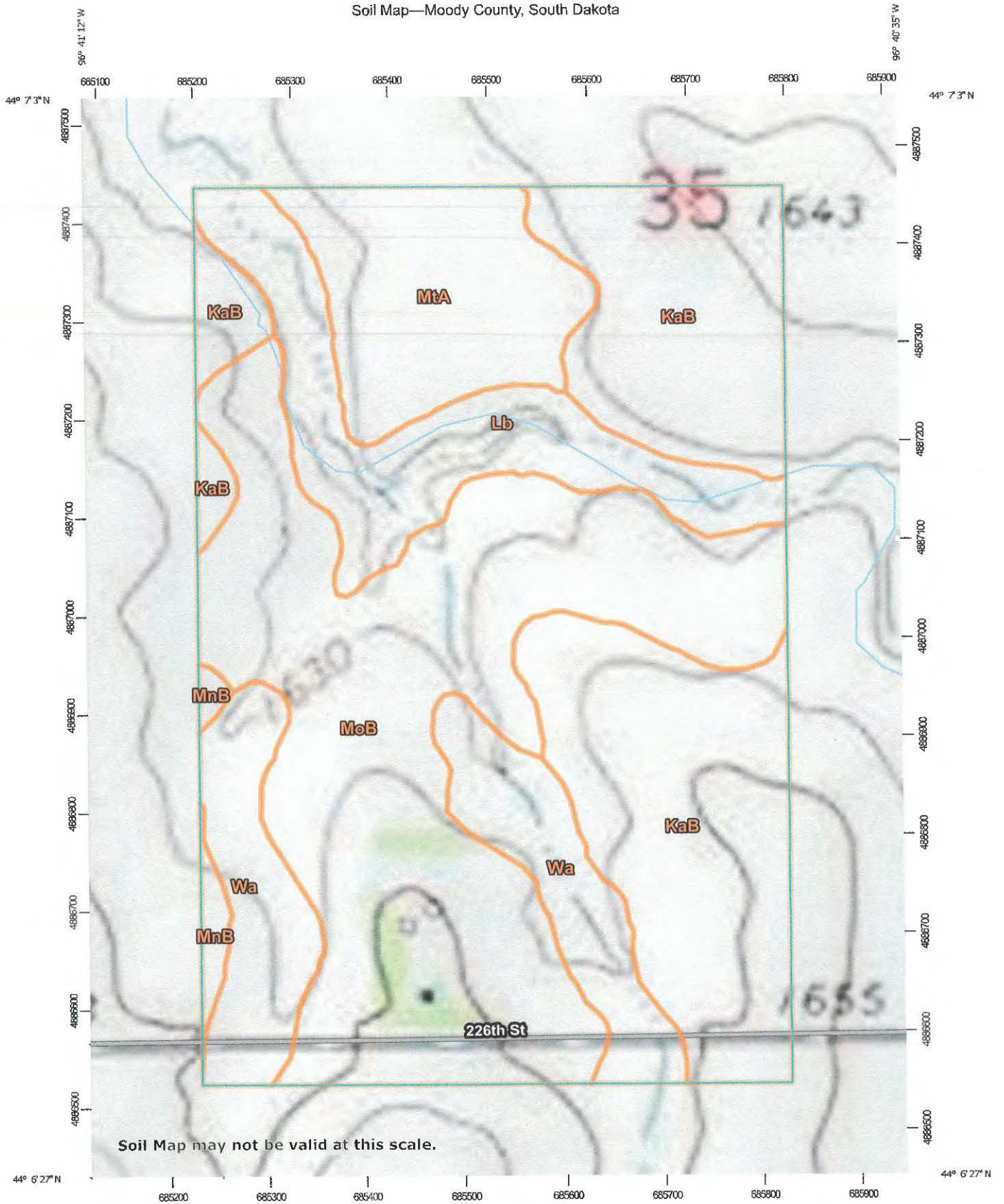
## HARVEST RESULTS

| DATE                                | ACRES    | CROP S.B.   | BUSHELS                                       | YIELD | COST/A | 5850 |
|-------------------------------------|----------|---|---|-------|--------|------|
| 9/30                                | Betty's  | 600 + 600 + 550 + 600 + 600 + 600 + 600 + 600 + 600 + 550 | 550 + 600 + 600 + 600 + 600 + 600 + 600 + 550 |       |        |      |
| Monitor = 5998 / 118A = 50.8 bu / A |          |   |   |       |        |      |
| 10/1                                | Shorty's | 400 many pods + green beans 200                           |   |       |        |      |
| 10/8                                | "        | 600 + 600 + 600 + 600 + 600 + 50                          |   |       |        |      |
| Monitor = 3133 / 64A = 49 bu / A    |          |   |   |       |        |      |

RENT

2022

Soil Map—Moody County, South Dakota



Map Scale: 1:5,350 if printed on A portrait (8.5" x 11") sheet.

0 50 100 200 300 Meters

0 250 500 1000 1500 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 14N WGS84








































Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

1/27/2023  
Page 1 of 3

### MAP LEGEND

- Area of Interest (AOI)**
  -  Area of Interest (AOI)
- Soils**
  -  Soil Map Unit Polygons
  -  Soil Map Unit Lines
  -  Soil Map Unit Points
- Special Point Features**
  -  Blowout
  -  Borrow Pit
  -  Clay Spot
  -  Closed Depression
  -  Gravel Pit
  -  Gravelly Spot
  -  Landfill
  -  Lava Flow
  -  Marsh or swamp
  -  Mine or Quarry
  -  Miscellaneous Water
  -  Perennial Water
  -  Rock Outcrop
  -  Saline Spot
  -  Sandy Spot
  -  Severely Eroded Spot
  -  Sinkhole
  -  Slide or Slip
  -  Sodic Spot
- Water Features**
  -  Streams and Canals
- Transportation**
  -  Rails
  -  Interstate Highways
  -  US Routes
  -  Major Roads
  -  Local Roads
- Background**
  -  Topographic Map
  -  Aerial Photography
- Other Features**
  -  Spoil Area
  -  Stony Spot
  -  Very Stony Spot
  -  Wet Spot
  -  Other
  -  Special Line Features

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

**Warning:** Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL:  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Moody County, South Dakota  
 Survey Area Data: Version 26, Sep 8, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

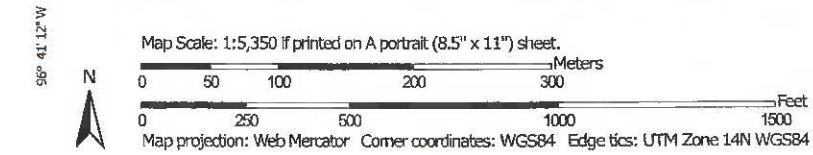
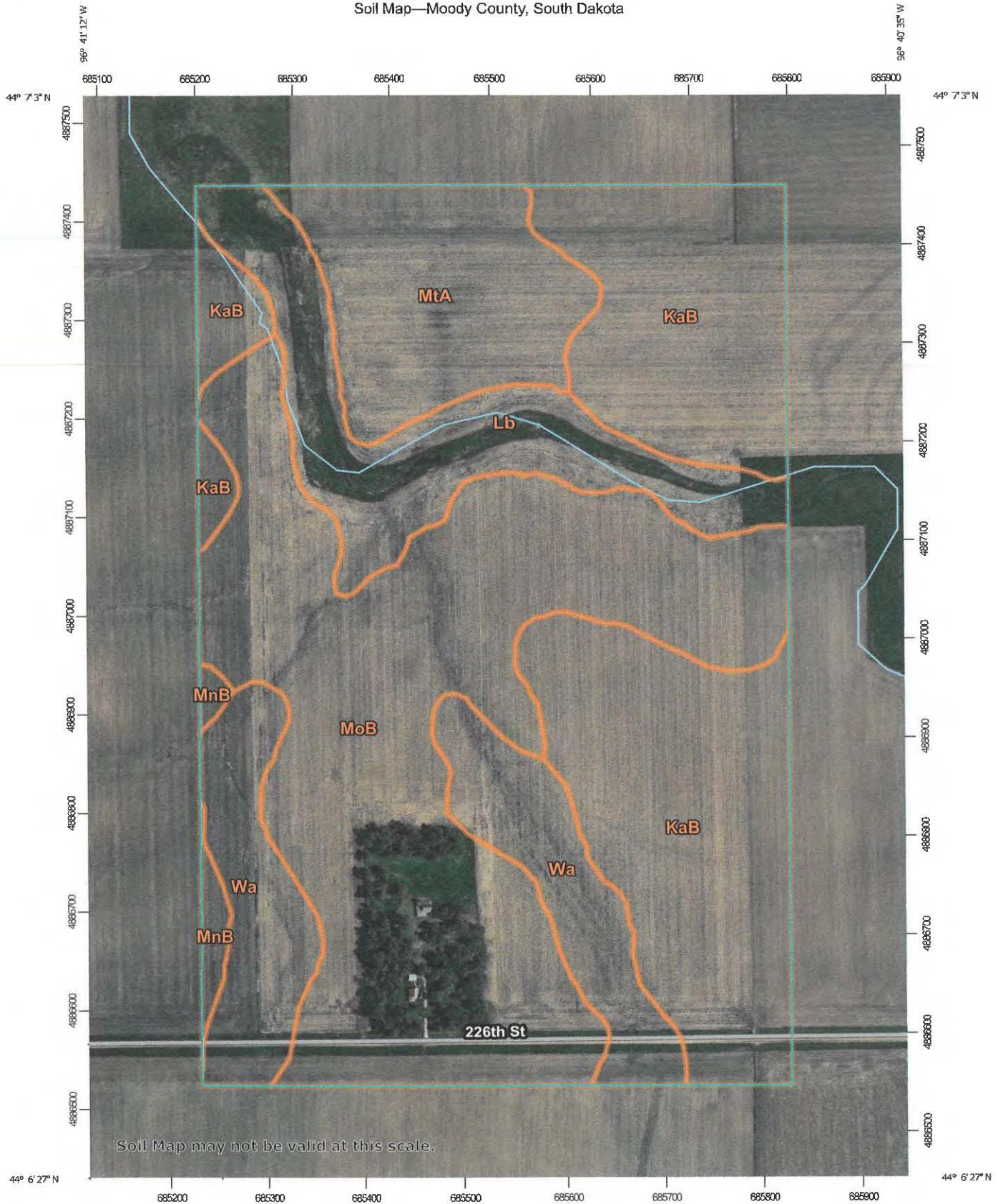
Date(s) aerial images were photographed: Jun 1, 2022—Jun 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend





































| Map Unit Symbol                    | Map Unit Name   | Acres in AOI | Percent of AOI |
|------------------------------------|---|--------------|----------------|
| KaB                                | Kranzburg-Brookings silty clay loams, 1 to 6 percent slopes | 39.7         | 29.3%          |
| Lb                                 | Lamo silty clay loam, frequently flooded                    | 14.9         | 11.0%          |
| MnB                                | Moody-Nora complex, 2 to 6 percent slopes                   | 1.3          | 1.0%           |
| MoB                                | Moody silty clay loam, cool, 2 to 6 percent slopes          | 49.6         | 36.7%          |
| MtA                                | Moody-Trent complex, 0 to 2 percent slopes                  | 13.8         | 10.2%          |
| Wa                                 | Wakonda-Chancellor complex, 0 to 2 percent slopes           | 16.0         | 11.8%          |
| <b>Totals for Area of Interest</b> |   | <b>135.3</b> | <b>100.0%</b>  |

Soil Map—Moody County, South Dakota





### MAP LEGEND

-  Area of Interest (AOI)
- Soils**
-  Soil Map Unit Polygons
-  Soil Map Unit Lines
-  Soil Map Unit Points
- Special Point Features**
-  Blowout
-  Borrow Pit
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-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

### MAP INFORMATION

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Survey Area Data: Version 26, Sep 8, 2022

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|------------------------------------|---|--------------|----------------|
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| Lb                                 | Lamo silty clay loam, frequently flooded                    | 14.9         | 11.0%          |
| MnB                                | Moody-Nora complex, 2 to 6 percent slopes                   | 1.3          | 1.0%           |
| MoB                                | Moody silty clay loam, cool, 2 to 6 percent slopes          | 49.6         | 36.7%          |
| MtA                                | Moody-Trent complex, 0 to 2 percent slopes                  | 13.8         | 10.2%          |
| Wa                                 | Wakonda-Chancellor complex, 0 to 2 percent slopes           | 16.0         | 11.8%          |
| <b>Totals for Area of Interest</b> |   | <b>135.3</b> | <b>100.0%</b>  |

United States Department of Agriculture



Natural Resources Conservation Service  
105 South Crescent  
Flandreau, South Dakota, 57028

December 5, 2006

Dear Ms. Beyer-LaLonde:

Enclosed is a **FINAL Technical Highly Erodible Land and Wetland Conservation Determination**, (See attached form NRCS-CPA-026E) for land you own and/or operate. This final determination was made in response to your request for our office to make a field visit concerning the Certified Wetland Determination that was made on a portion of Tract 1515.

**On November 17, 2006, a field review was conducted to further confirm the findings contained in the Certified Wetland Determination listed above. One wetland was identified on this portion of Tract 1515.**

**Section I of the attached NRCS-CPA-026E** contains a complete list of fields considered **highly erodible land (HEL)**. In order to maintain USDA program eligibility, you will need to farm the HEL fields following an approved conservation plan.

**Section II of the NRCS-CPA-026E** contains a complete list of **wetlands** that have been identified and will be used to determine eligibility for USDA programs. Please refer to the Wetlands Explanation section to determine the conditions under which these areas may be cropped and alterations maintained. If you plan to alter any type of wetland you should notify our office (NRCS) well in advance of starting the alteration. In this way, your plans may be reviewed so you have full knowledge of the potential effect the alterations will have on your USDA program eligibility and benefits. Restricted wetland alterations include: maintaining, improving, or installing drainage systems, removing trees and shrubs, dredging, leveling and placing fill material in wetlands, or any other activities that impair wetland functions and values.

This **final technical determination** is valid for USDA and Clean Water Act (CWA) purposes only. This is not a County Drainage Permit nor a US Army corps of Engineers 404 Permit, which may also be required. You will be responsible for complying with other federal, state, and local regulations as they apply to altering wetlands and drainage flows. Contact the appropriate agencies for more information.

If you do not agree with this **final technical determination**, you will have 30 days to appeal. If you chose to appeal, you should state the reasons for your appeal and furnish factual information why you believe the determination is wrong and mail your appeal to: County Committee, Moody County Farm Service Agency, 105 South Crescent, Flandreau, SD. 57028. If the County Committee sees merit in the appeal, they may refer it to the NRCS State Conservationist for a technical determination before they issue a decision. When this determination is considered final and if it includes certified wetlands, they will be added to the public list of certified wetland determinations maintained at the Farm Service Agency. If you have any questions regarding this matter, please contact me at (605) 987-2624.

Sincerely,

A handwritten signature in cursive script that reads "Joel Curran".

Joel Curran, District Conservationist  
cc: FSA and owner(s) w/attachments.



HIGHLY ERODIBLE LAND AND WETLAND CONSERVATION DETERMINATION

Name: Connie Beyer-LaLonde, Address: 22827 473rd Ave Flandreau, SD 57028, Request Date: 11/6/06, County: Moody, Agency or Person: Farm Service Agency, Tract No: T1515, FSA Farm No.:

Section I - Highly Erodible Land (Y/N)

Is a soil survey now available for making a highly erodible land determination? Y, Are there highly erodible soil map units on this farm? N

Fields in this section have undergone a determination of whether they are highly erodible land (HEL) or not; fields for which an HEL Determination has not been completed are not listed. In order to be eligible for USDA benefits, a person must be using an

Table with columns: Field(s), HEL(Y/N), Sodbust(Y/N), Acres, Determination Date. Includes a row with 'See previous determination'.

The Highly Erodible Land determination was completed in the

Section II - Wetlands

Are there hydric soils on this farm? Y

Fields in this section have had wetland determinations completed. See the Definition of Wetland Label Codes for additional information regarding allowable activities under the wetland conservation provisions of the Food Security Act and/or when wetland d

Table with columns: Field(s), Wetland Label\*, Occurrence Year (CW)\*\*, Acres, Determination Date, Certification Date. Includes rows for FW, NWDitch, NW, and PC.

The wetland determination was completed in the Field It was mailed to the person on

Remarks: See cover letter

I certify that the above determinations are correct and were conducted in accordance with policies and procedures contained in the National Food Security Act Manual.

Signature: Joel Curran, Designated Conservationist, Date: 12/1/2006

# Certified Wetland Determination

Field Office: Flandreau Service Center

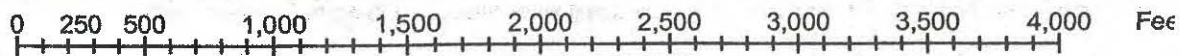
Certified By: K. Cameron-Howell

Legal Desc: E1/2SW1/4 35-108-49

Agency: USDA-NRCS

Certified Date: 12/1/06

Tract: 1515

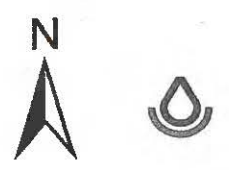


**Legend**

- Certified Wetland Determination Boundary
- Wetlands
- Wetlands
- Ditch
- NI
- NRDitch
- Tile

- W** Wetland
- FW** Farmed Wetland Drained or modified & cropped prior to 12-23-1985, but still meets wetland criteria
- PC** Prior Converted
- NW** Non Wetland
- NI** Not Inventoried Potential Waters of the US

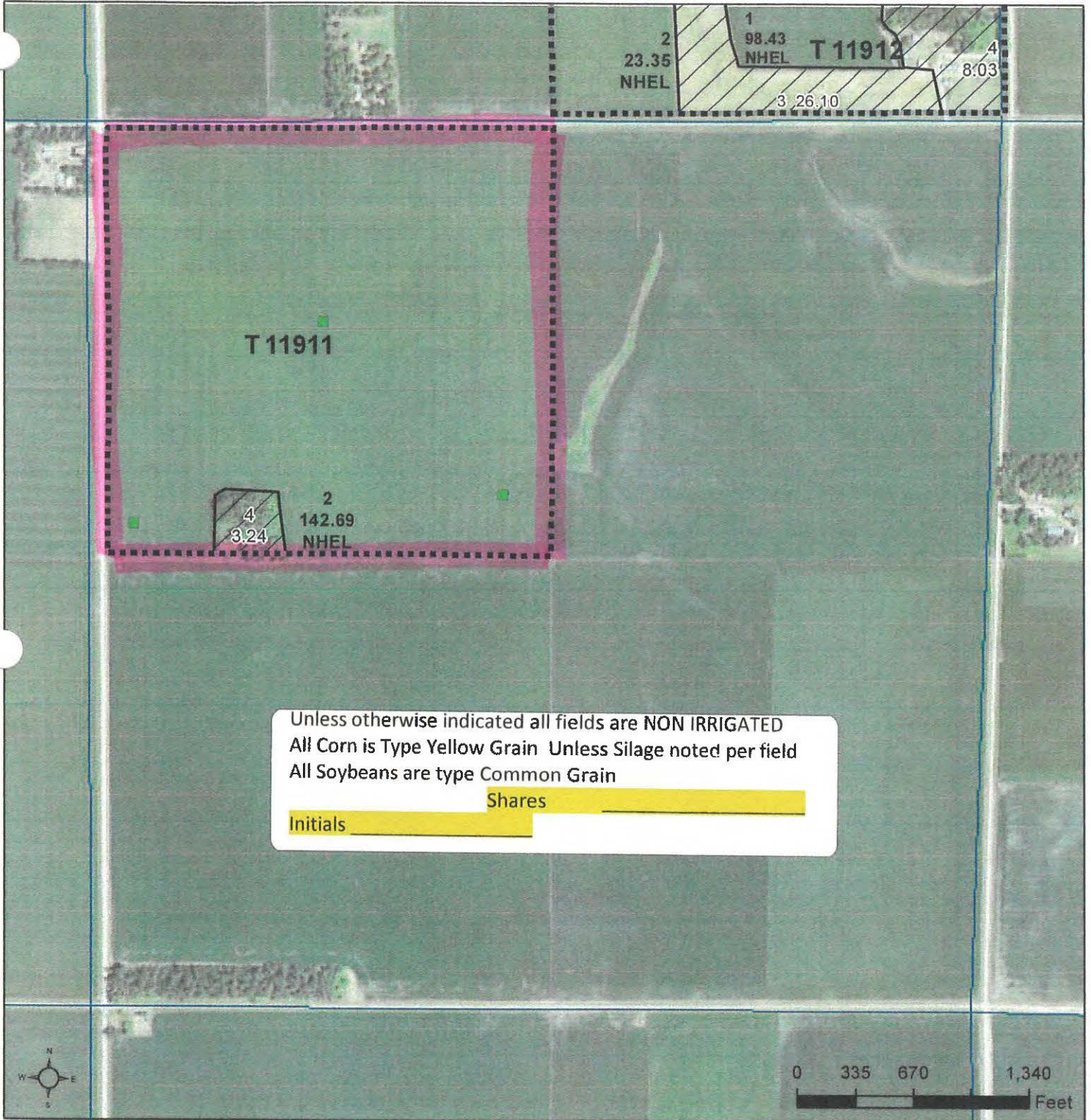
See NRCS CPA-O26E for definitions and additional info





United States  
Department of  
Agriculture

# Moody County, South Dakota



**Common Land Unit**

Non-Cropland

Cropland

Tract Boundary

PLSS

**Wetland Determination Identifiers**

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

2023 Program Year  
Map Created October 31, 2022

**Farm 2957**

**2-107N-49W-Moody**

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).



**HEARTLAND  
GREENWAY**

EXHIBIT A

Connie J. Beyer-LaLonde Living  
Trust  
HGS-SD-MO-1-018.000  
Moody County, SD

This exhibit is a mapping sketch  
descriptive only of the size, shape  
and location of corridor and does  
not constitute a plat or survey of  
the tract shown. For informational purposes only.

SUMMARY






PROPOSED LENGTH

2,515.47 Feet  
152.45 Rods

PROPOSED ACREAGE

2.89 Permanent Easement Acres  
2.84 Temp Workspace Acres  
0.23 ATWS Acres

LEGEND

-  Easement Centerline
-  Permanent Easement
-  TWS
-  ATWS
-  Tracts



Grower : Connie Lalonde

Farm : S 1/4

Field : S 1/4

Year : 2020

Operation : Grain Harvest

Crop / Product : Multiple

Op. Instance : Harvest - 1

Area : 141.62 ac

Avg. Yield : 190.38 bu/ac

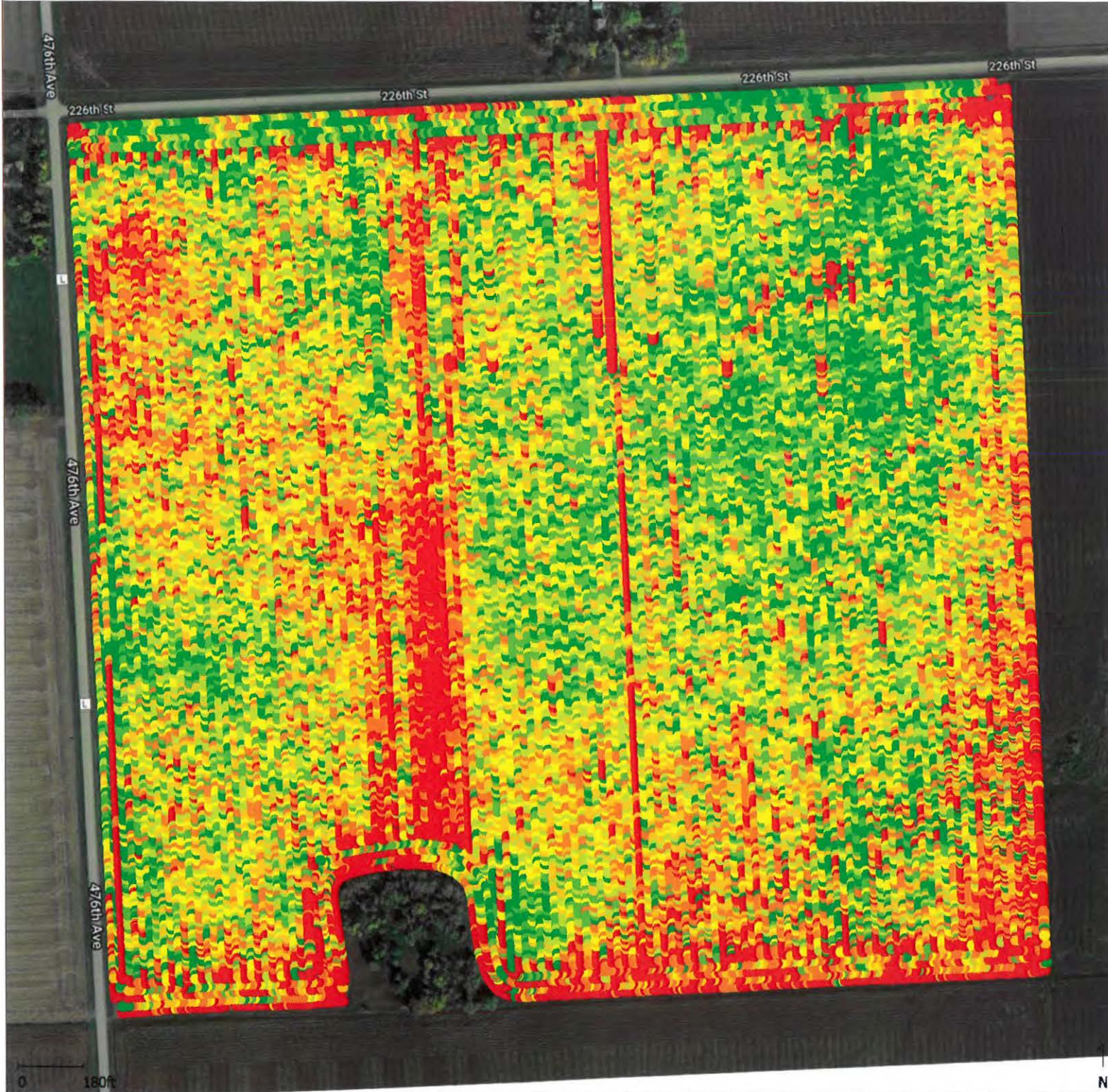
Avg. Moisture : 15.64 %

Yield (Dry)

(bu/ac)

|        |   |        |            |
|--------|---|--------|------------|
| 216.16 | - | 479.83 | (19.77 ac) |
| 205.04 | - | 216.16 | (21.22 ac) |
| 196.37 | - | 205.04 | (21.30 ac) |
| 187.94 | - | 196.37 | (21.11 ac) |
| 178.00 | - | 187.94 | (20.65 ac) |
| 163.32 | - | 178.00 | (19.98 ac) |
| 5.01   | - | 163.32 | (17.60 ac) |

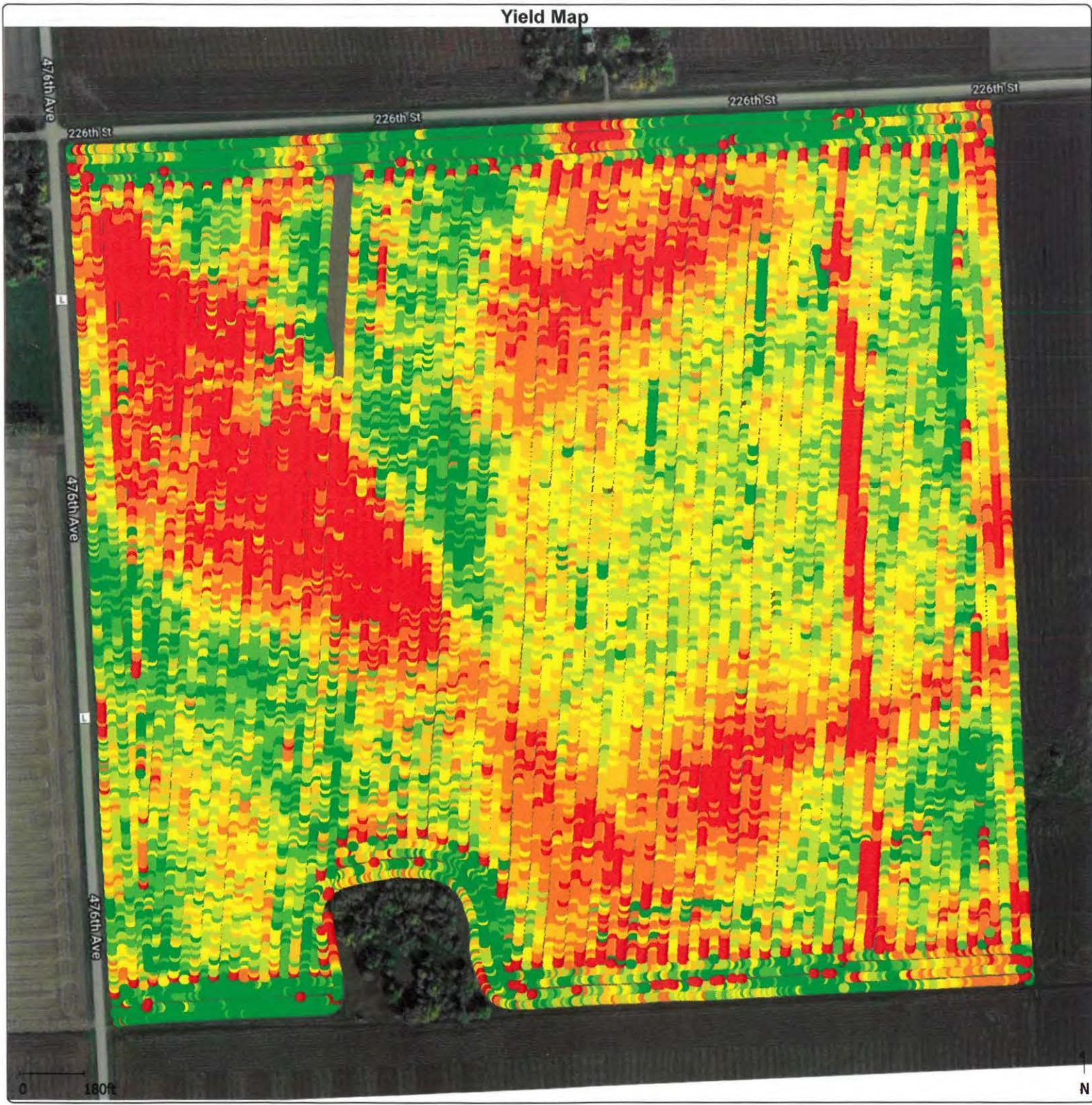
Yield Map





Grower : Connie Lalonde  
 Farm : S 1/4  
 Field : S 1/4  
 Year : 2021  
 Operation : Grain Harvest  
 Crop / Product : 09A62X-11A44X  
 Op. Instance : Harvest - 1  
 Area : 149.57 ac  
 Avg. Yield : 52.87 bu/ac  
 Avg. Moisture : 10.77 %

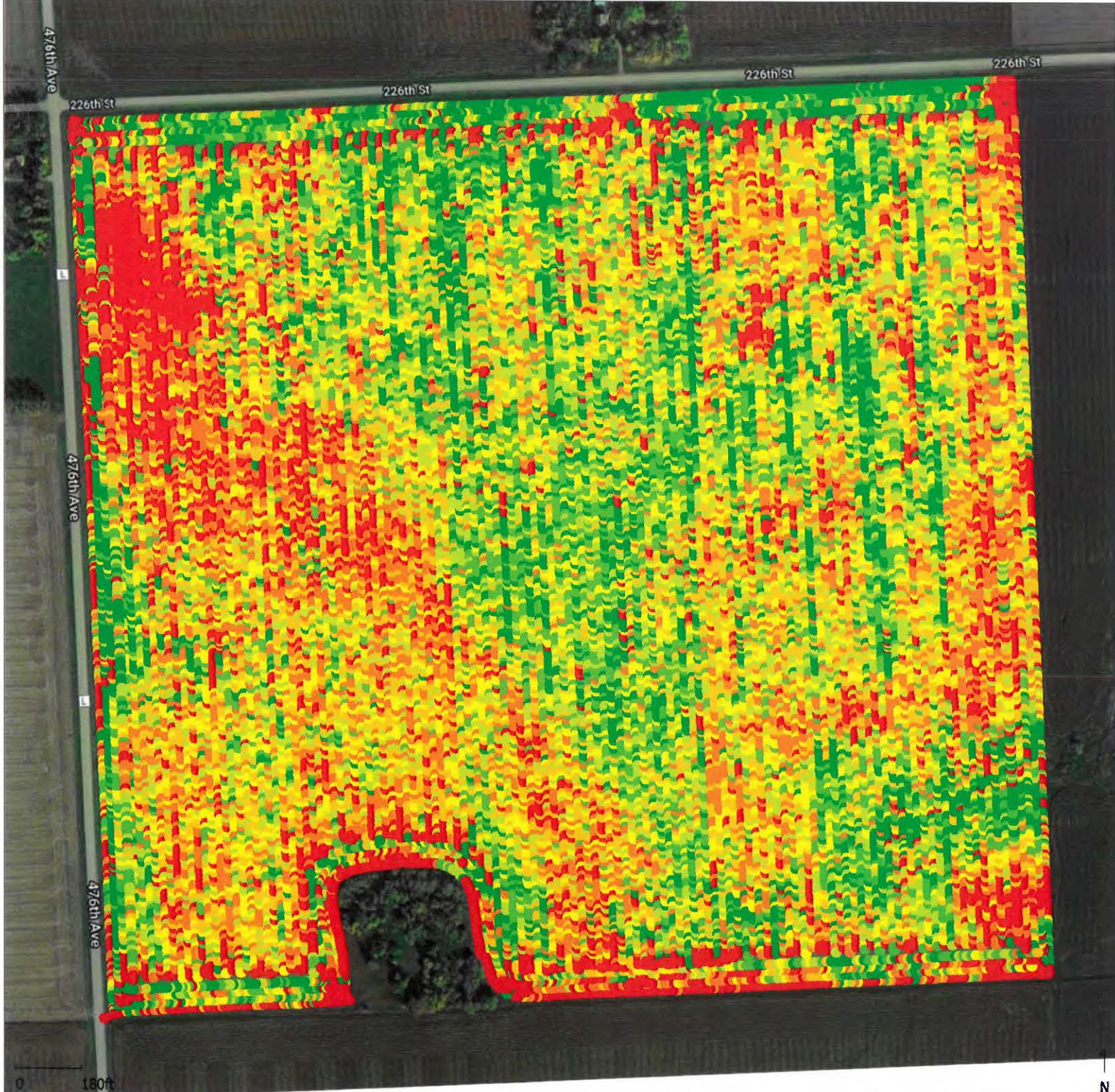
| Yield (Dry) |   |                   |
|-------------|---|-------------------|
|             |   | (bu/ac)           |
| 61.19       | - | 268.14 (17.06 ac) |
| 57.18       | - | 61.19 (20.54 ac)  |
| 54.58       | - | 57.18 (22.16 ac)  |
| 52.16       | - | 54.58 (22.72 ac)  |
| 49.13       | - | 52.16 (22.71 ac)  |
| 44.95       | - | 49.13 (22.89 ac)  |
| 5.07        | - | 44.95 (21.49 ac)  |



Grower : Connie Lalonde  
 Farm : S 1/4  
 Field : S 1/4  
 Year : 2022  
 Operation : Grain Harvest  
 Crop / Product : 4727-4895  
 Op. Instance : Harvest - 1  
 Area : 141.54 ac  
 Avg. Yield : 175.54 bu/ac  
 Avg. Moisture : 16.54 %

| Yield (Dry) |                     |
|-------------|---------------------|
| (bu/ac)     |                     |
| 191.62      | - 489.90 (17.40 ac) |
| 183.59      | - 191.62 (19.80 ac) |
| 178.17      | - 183.59 (20.55 ac) |
| 173.41      | - 178.17 (21.01 ac) |
| 168.47      | - 173.41 (21.37 ac) |
| 161.63      | - 168.47 (21.69 ac) |
| 5.01        | - 161.63 (19.73 ac) |

### Yield Map



Soil Map—Moody County, South Dakota



Soil Map may not be valid at this scale.


Map Scale: 1:6,970 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 14N WGS84


### MAP LEGEND

**Area of Interest (AOI)**

 Area of Interest (AOI)


**Soils**

 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

**Special Point Features**

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow


 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water


 Perennial Water

 Rock Outcrop


 Saline Spot

 Sandy Spot

 Severely Eroded Spot


 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot


 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

**Water Features**

 Streams and Canals


**Transportation**

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

**Background**

 Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

**Warning:** Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Moody County, South Dakota

Survey Area Data: Version 26, Sep 8, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

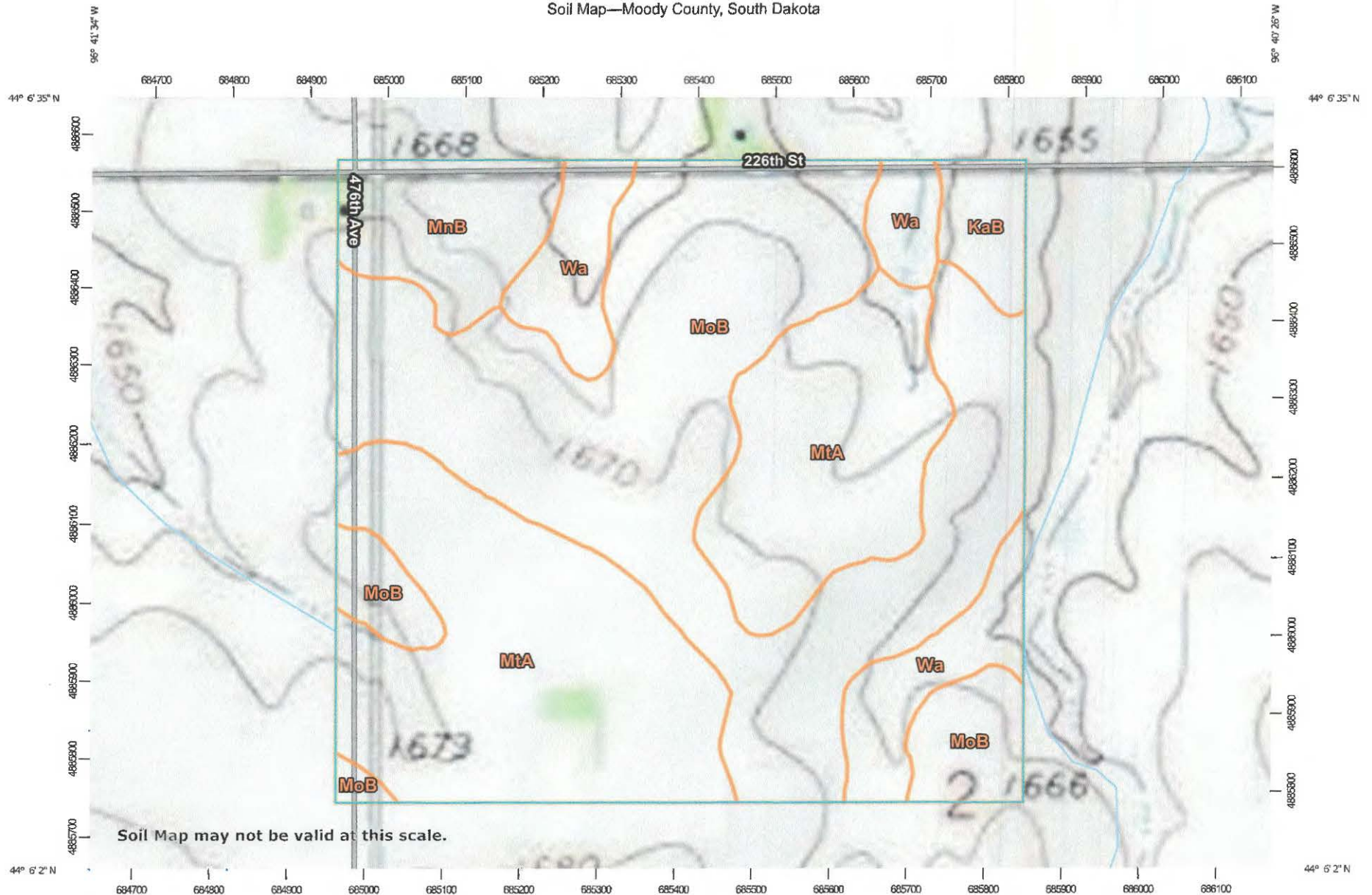
Date(s) aerial images were photographed: Jun 1, 2022—Jun 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

| Map Unit Symbol                    | Map Unit Name   | Acres in AOI | Percent of AOI |
|------------------------------------|---|--------------|----------------|
| KaB                                | Kranzburg-Brookings silty clay loams, 1 to 6 percent slopes | 4.7          | 2.6%           |
| MnB                                | Moody-Nora complex, 2 to 6 percent slopes                   | 11.8         | 6.5%           |
| MoB                                | Moody silty clay loam, cool, 2 to 6 percent slopes          | 84.2         | 46.5%          |
| MtA                                | Moody-Trent complex, 0 to 2 percent slopes                  | 63.0         | 34.8%          |
| Wa                                 | Wakonda-Chancellor complex, 0 to 2 percent slopes           | 17.5         | 9.7%           |
| <b>Totals for Area of Interest</b> |   | <b>181.3</b> | <b>100.0%</b>  |

Soil Map—Moody County, South Dakota








































Map Scale: 1:6,970 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 14N WGS84

### MAP LEGEND

- Area of Interest (AOI)**
-  Area of Interest (AOI)
- Soils**
-  Soil Map Unit Polygons
-  Soil Map Unit Lines
-  Soil Map Unit Points
- Special Point Features**
-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Topographic Map
-  Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.  
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 Web Soil Survey URL:  
 Coordinate System: Web Mercator (EPSG:3857)

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| <b>Totals for Area of Interest</b> |   | <b>181.3</b> | <b>100.0%</b>  |



# Farm Record

Total Acres \_\_\_\_\_ Farm# \_\_\_\_\_ Landlord \_\_\_\_\_

Twp. \_\_\_\_\_ Rg. \_\_\_\_\_ Sec. \_\_\_\_\_

corn 143A  
4757 + 4755

S:

TILLAGE:

5/4

## Fertilizer

| DATE | RATE | PRODUCT | TOTAL LBS | COST/A | TOTAL |
|------|------|---------|-----------|--------|-------|
|      |      |         |           |        |       |
|      |      |         |           |        |       |
|      |      |         |           |        |       |
|      |      |         |           |        |       |

### APPLICATION COSTS

### CROP INSURANCE

| DATE | RATE | PRE-PLANT HERBICIDE | COST/A |
|------|------|---------------------|--------|
|      |      |                     |        |
|      |      |                     |        |
|      |      |                     |        |
|      |      |                     |        |
|      |      |                     |        |

**Seeding Plan**

| DATE | RATE  | ACRES  | CROP | VARIETY      | UNIT COST |
|------|-------|--------|------|--------------|-----------|
| 4-25 | 32000 | 4.320  | Corn | DK 4727-4755 | 75        |
| 4-24 | "     | 139.26 |      |              |           |

**Harvest**

| DATE  | RATE   | PRODUCT              | COST/A               |
|-------|--------|----------------------|----------------------|
| 10-15 | 19800  | 33,660 28,480        | 17,200 39,440 20,520 |
| 10-16 | 35556  | 23,380 28,260 20,440 | 16,360 28,420 23,130 |
| 10-22 | 25800  | 26,360 21,520 39,000 | 13,020 38,060 26,100 |
| 10-24 | 17500  | 29,140 26,080 49,080 | 42,520 36,000 28,000 |
|       | 37940  | 16,800 37,500 19,580 | 36,580 27,400 22,340 |
| 10-30 | 38,620 | 32,560 14,540 38,780 | 40,560 11,160 14,000 |
|       | 37900  | 38,220 48,000 19,880 | 10,370 33,000 14,640 |

**HARVEST RESULTS**

| DATE  | ACRES  | CROP | BUSHELS | YIELD  | COST/A                                |
|-------|--------|------|---------|--------|---------------------------------------|
| 10-30 | 33,520 |      | 40,460  | 16,020 | done / 1492720 = 26620 bu = 1862 bu/A |
|       |        |      |         |        |                                       |
|       |        |      |         |        |                                       |
|       |        |      |         |        |                                       |
|       |        |      |         |        |                                       |
|       |        |      |         |        |                                       |

RENT

2020

# Farm Record

Total Acres \_\_\_\_\_ Farm# \_\_\_\_\_ Landlord \_\_\_\_\_  
 Twp. \_\_\_\_\_ Rg. \_\_\_\_\_ Sec. \_\_\_\_\_

|                                    |  |
|------------------------------------|--|
| 2ms<br>9 A 62X<br>11A 44X<br>143 A |  |
|                                    |  |

ES: \_\_\_\_\_ TILLAGE: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

5/4

## Fertilizer

| DATE | RATE | PRODUCT | TOTAL LBS | COST/A | TOTAL |
|------|------|---------|-----------|--------|-------|
|      |      |         |           |        |       |
|      |      |         |           |        |       |
|      |      |         |           |        |       |

APPLICATION COSTS  
 CROP INSURANCE

| DATE | RATE    | PRE-PLANT HERBICIDE     | COST/A |
|------|---------|-------------------------|--------|
| 5-3  | 160,000 | Pro 09A62X + Pro 11A44X |        |
|      |         |                         |        |
|      |         |                         |        |

## Seeding Plan

## PLANTING

| DATE | RATE    | ACRES | CROP  | VARIETY       | UNIT COST |
|------|---------|-------|-------|---------------|-----------|
| 5-3  | 160,000 | 143 A | Beans | 09A62X 11A44X | Drilled   |
|      |         |       |       |               |           |
|      |         |       |       |               |           |

## POST HERBICIDE

| DATE | RATE | PRODUCT | COST/A |
|------|------|---------|--------|
|      |      |         |        |
|      |      |         |        |

## Harvest

## HARVEST RESULTS

| DATE | ACRES | CROP  | BUSHELS     | YIELD             | COST/A    |
|------|-------|---|-------------|-------------------|-----------|
| 2-21 | Beans | 550 + 500 + 600 + 300 + 600                   | + 300 + 500 |                   |           |
| 8-28 |       | 550 + 600 + 600 + 600 + 600 + 600 + 500 + 500 |             |                   | 17900 or  |
|      |       | started E bin which had some 2020 beans left  |             |                   | 55.2 bu/A |
|      |       | 43000 bu left                                 |             | Yld Man = 7743 or | 55.5 bu   |

RENT

2021

# Farm Record

Total Acres \_\_\_\_\_ Farm# \_\_\_\_\_ Landlord \_\_\_\_\_

Twp. \_\_\_\_\_ Rg. \_\_\_\_\_ Sec. \_\_\_\_\_

3A  
7 + DK 4895

ES:

TILLAGE:

Rainfall  
19.48

18.7 per Climate  
Fertilizer

SY4

| DATE | RATE | PRODUCT | TOTAL LBS | COST/A | TOTAL |
|------|------|---------|-----------|--------|-------|
|      |      |         |           |        |       |
|      |      |         |           |        |       |
|      |      |         |           |        |       |
|      |      |         |           |        |       |

APPLICATION COSTS

CROP INSURANCE

| DATE | RATE | PRE-PLANT HERBICIDE | COST/A |
|------|------|---------------------|--------|
|      |      |                     |        |
|      |      |                     |        |
|      |      |                     |        |
|      |      |                     |        |

Seeding Plan

PLANTING

| DATE | RATE | ACRES | CROP | VARIETY           | UNIT COST |
|------|------|-------|------|-------------------|-----------|
| 5-10 | 32K  | 143.4 |      | DK 4727 - DK 4895 |           |
|      |      |       |      |                   |           |
|      |      |       |      |                   |           |
|      |      |       |      |                   |           |

POST HERBICIDE

| DATE | RATE | PRODUCT | COST/A |
|------|------|---------|--------|
|      |      |         |        |
|      |      |         |        |
|      |      |         |        |
|      |      |         |        |

Harvest

HARVEST RESULTS

| DATE  | ACRES   | CROP     | BUSHELS     | YIELD         | COST/A       |
|-------|---------|----------|-------------|---------------|--------------|
| 10-13 |         | 700 700  |             |               |              |
| 10-14 |         | 800 600  | 800 800 700 | 900 700 900   | 700 400      |
| 10-15 |         | 800 700  | 800 700 900 | 900 780 900   | 600 1000 600 |
| 10-17 |         | 350 1500 | 1500 1500   | 1000          |              |
| 10-18 | 4000 bu | 1500     |             | 24930 bu      |              |
|       |         |          | monitor =   | 26304/143 A = | 183.9 bu/A   |

RENT

2022

United States Department of Agriculture



Natural Resources Conservation Service  
105 South Crescent  
Flandreau, South Dakota, 57028

December 5, 2006

Dear Ms. Beyer-LaLonde:

Enclosed is a **FINAL Technical Highly Erodible Land and Wetland Conservation Determination**, (See attached form NRCS-CPA-026E) for land you own and/or operate. This final determination was made in response to your request for our office to make a field visit concerning the Certified Wetland Determination that was made on a portion of Tract 1515.

**On November 17, 2006, a field review was conducted to further confirm the findings contained in the Certified Wetland Determination listed above. One wetland was identified on this portion of Tract 1515.**

**Section I of the attached NRCS-CPA-026E contains a complete list of fields considered highly erodible land (HEL). In order to maintain USDA program eligibility, you will need to farm the HEL fields following an approved conservation plan.**

**Section II of the NRCS-CPA-026E contains a complete list of wetlands that have been identified and will be used to determine eligibility for USDA programs. Please refer to the Wetlands Explanation section to determine the conditions under which these areas may be cropped and alterations maintained. If you plan to alter any type of wetland you should notify our office (NRCS) well in advance of starting the alteration. In this way, your plans may be reviewed so you have full knowledge of the potential effect the alterations will have on your USDA program eligibility and benefits. Restricted wetland alterations include: maintaining, improving, or installing drainage systems, removing trees and shrubs, dredging, leveling and placing fill material in wetlands, or any other activities that impair wetland functions and values.**

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**If you do not agree with this final technical determination, you will have 30 days to appeal. If you chose to appeal, you should state the reasons for your appeal and furnish factual information why you believe the determination is wrong and mail your appeal to: County Committee, Moody County Farm Service Agency, 105 South Crescent, Flandreau, SD. 57028. If the County Committee sees merit in the appeal, they may refer it to the NRCS State Conservationist for a technical determination before they issue a decision. When this determination is considered final and if it includes certified wetlands, they will be added to the public list of certified wetland determinations maintained at the Farm Service Agency. If you have any questions regarding this matter, please contact me at (605) 987-2624.**

Sincerely,

A handwritten signature in black ink that reads "Joel Curran".

Joel Curran, District Conservationist  
cc: FSA and owner(s) w/attachments.



**HIGHLY ERODIBLE LAND AND WETLAND CONSERVATION DETERMINATION**

|  |  |               |         |               |       |
|--|--|---------------|---------|---------------|-------|
| Name                                       | Connie Beyer-LaLonde                   | Request Date: | 11/6/06 | County:       | Moody |
| Address:                                   | 22827 473rd Ave<br>Flandreau, SD 57028 |               |         |               |       |
| Agency or Person Requesting Determination: | Farm Service Agency                    | Tract No:     | T1515   | FSA Farm No.: |       |

**Section I - Highly Erodible Land**

(Y/N)

|   |   |
|---|---|
| Is a soil survey now available for making a highly erodible land determination? | Y |
| Are there highly erodible soil map units on this farm?                          | N |

Fields in this section have undergone a determination of whether they are highly erodible land (HEL) or not; fields for which an HEL Determination has not been completed are not listed. In order to be eligible for USDA benefits, a person must be using an

| Field(s) | HEL(Y/N) | Sodbust(Y/N) | Acres                      | Determination Date |
|----------|----------|--------------|----------------------------|--------------------|
|          |          |              | See previous determination |                    |
|          |          |              |                            |                    |
|          |          |              |                            |                    |
|          |          |              |                            |                    |
|          |          |              |                            |                    |
|          |          |              |                            |                    |
|          |          |              |                            |                    |
|          |          |              |                            |                    |
|          |          |              |                            |                    |
|          |          |              |                            |                    |

The Highly Erodible Land determination was completed in the

**Section II - Wetlands**

|                                      |   |
|--------------------------------------|---|
| Are there hydric soils on this farm? | Y |
|--------------------------------------|---|

Fields in this section have had wetland determinations completed. See the Definition of Wetland Label Codes for additional information regarding allowable activities under the wetland conservation provisions of the Food Security Act and/or when wetland d

| Field(s) | Wetland Label* | Occurrence Year (CW)** | Acres | Determination Date | Certification Date |
|----------|----------------|------------------------|-------|--------------------|--------------------|
|          | FW             |                        | 0.2   | 12/1/06            | 1/1/06             |
|          | N/Ditch        |                        | 0.3   | 12/1/06            | 1/1/06             |
|          | NW             |                        | 0.5   | 12/1/06            | 1/1/06             |
|          | PC             |                        | 0.5   | 12/1/06            | 1/1/06             |
|          |                |                        |       |                    |                    |
|          |                |                        |       |                    |                    |
|          |                |                        |       |                    |                    |
|          |                |                        |       |                    |                    |
|          |                |                        |       |                    |                    |
|          |                |                        |       |                    |                    |
|          |                |                        |       |                    |                    |
|          |                |                        |       |                    |                    |

The wetland determination was completed in the Field It was mailed to the person on

|          |                   |
|----------|-------------------|
| Remarks: | See cover letter. |
|----------|-------------------|

I certify that the above determinations are correct and were conducted in accordance with policies and procedures contained in the National Food Security Act Manual.

|                                      |           |
|--------------------------------------|-----------|
| Signature Designated Conservationist | Date      |
| <i>Joel Cunn</i>                     | 12/1/2006 |

F- 2957

T- 11911

F- 3997

T- 1595

# 1  
132.3

# 2  
9.9

# 1  
141.9

F- 3496 T- 12179

# 2  
2.1

F- 3100

T- 273

# 1  
132.9

# 1  
147.3

United States Department of Agriculture  
Farm Service Agency

02-107-49

# Moody County

June 14, 2004



1997 Digital Orthophotography - Not To Scale

# LAND RECLAMATION of the Bison Pipeline

TRANSCANADA'S BISON PIPELINE in  
Montana 04/12/2011

Pictures: Bob Zellar – Billing Gazette  
Lincoln Star Journal

A cattleguard damaged during installation of the Bison high pressure gas pipeline in southeast Montana 04/12/2011





Blowing and blown soil on Robert Rusley's property on the Bison high pressure gas pipeline right of way in southeast Montana. 10/27/2010

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A pipeline sign lies fallen in a trench left after the soil over the Bison pipeline sunk in spring on Robert Rusley's property in southeast Montana 04/12/2011



One sign has fallen while another leans in the soft soil on the Bison high pressure gas pipeline right of way in southeast Montana 04/12/2011



Janelle Reiger walks on a concrete creek crossing damaged during installation of the Bison high pressure gas pipeline in southeast Montana 04/12/2011



Janelle Reiger stand in a trench left after the soil over the Bison pipeline sunk this spring on Wade Klauzer's property in southeast Montana 04/12/2011



Wade Kllauzer stands by a trench left after the soil over the Bison pipeline sunk this spring on his property in southeast Montana 04/12/2011



A pipeline sign lies fallen in a trench left after the soil over the Bison pipeline  
sunk this spring on Robert Rusley's property in southeast Montana  
04/12/2011



Water erosion on Wade Klauzer's property on the Bison high pressure gas pipeline right of way in southeast Montana 04/12/2011





Janelle Reiger walks by a trench left after the soil over the Bison pipeline sunk this spring in southeast Montana 04/12/2011

