

19 MAR 1945

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Ames, Iowa

March 17, 1945

(Location)

To: James C. Halasey, District Conservationist

From: Harry L. Hoegh, Survey Supervisor

Subject: Hardin Co. SCD - Unit Resource Areas

Harry L. Hoegh

Attached hereto find

listed as follows:

PERIOD OR DATE	NUMBER	ISSUED TO—	AMOUNT
Attached is an original and two copies of a description of the Unit Resource Areas for Hardin County Soil Conservation District.			
Attachments			
<i>When you have copies made of the Hardin Co. Unit Resource areas please send me a copy.</i> <i>glt</i>			

Official Project No. _____ Work Project No. _____

(Signature)

(Date)

(Title)

Purchase Orders (Form SCS-111) and Notice of Miscellaneous Encumbrances (Treasury Form A-5) are the only forms that may be listed on the same sheet. Each other type of document should be listed on separate sheets. There should be listed on one sheet only the documents pertaining to a single Work Project.

Hardin Co. SCD - Unit Resource Areas

5. Rolling to gently rolling dark colored prairie soils (Tama, Muscatine, Clarion)
1. Undulating and level, dark colored prairie soils (Clarion, Webster and Rolfe)

The major soils in this unit resource area are Clarion, Webster and Rolfe. These soils are developed in the prairie region from calcareous glacial till. They are deep, and highly productive.

The major problem is as follows:

Clarion - Erosion (Sheet)

Webster and Rolfe - Drainage

2. Gently rolling to level dark colored prairie soils (Clarion, Webster, Rolfe, Lamoure, Wabash, and Terril soils.

This unit resource area differs from No. 1 in that it has more sloping land, slightly steeper slopes; and a higher percentage of alluvial and colluvial soils of the Lamoure, Wabash, and Terril series.

The major problems are as follows:

Clarion - Erosion (Sheet)

Webster and Rolfe - Drainage

Lamoure, Wabash and Terril - Drainage and Overflow

3. Steep upland, dark colored prairie soils and light colored timber soils and mixed alluvial and colluvial soils.

The soils in this unit resource area vary considerably in color, depth, productivity, and permeability. They are as follows:

Color - dark to light

Depth - deep to shallow

Productivity - high to low

Permeability - slow to excessive

The major problems are as follows:

Lindley and Storden - Erosion (Sheet and Gully)

O'Neil and Buckner - Drought, Fertility and Erosion

Lamoure, Wabash, Bremer - Drainage and Overflow

4. Gently rolling to level dark colored prairie soils (Tama, Muscatine, Clarion and Wabash.

This unit resource area is similar to No. 2 except that the major soil (Tama) in this area is developed from wind blown material rather than calcareous glacial till.

The major problems are as follows:

Tama and Clarion - Erosion (Sheet)

Muscatine - Drainage

Wabash and Judson - Drainage and Overflow

3/17/45

5. Rolling to gently rolling dark colored prairie soils (Tama, Muscatine, Clarion and Wabash.)

This unit resource area differs from No. 4 in having steeper slopes a greater gully erosion problem.

3/17/45