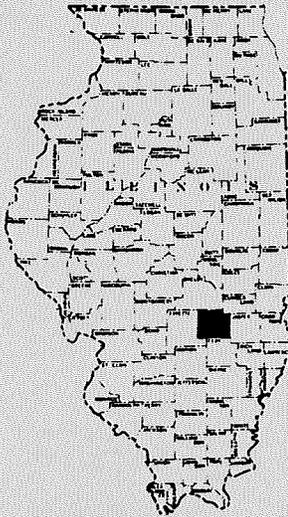


CLASSIFICATION AND CORRELATION
OF
THE SOILS OF
EFFINGHAM COUNTY
ILLINOIS

MARCH 1986

LOCATION



U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
MIDWEST NATIONAL TECHNICAL CENTER
LINCOLN, NEBRASKA

UNITED STATES DEPARTMENT OF AGRICULTURE
Soil Conservation Service
Midwest National Technical Center
Lincoln, Nebraska 68508-3866

Classification and Correlation
of the Soils of
Effingham County, Illinois

The final correlation was prepared at the MNTC in Lincoln, Nebraska, during the period of October 14-18, 1985, by Robert I. Turner, soil correlator. J. Wiley Scott, assistant state soil scientist, was available to clarify questions via the telephone. The draft copy of the manuscript, soil interpretation records, soil maps, correlation samples, field correlation, field notes, and laboratory data were available to prepare this correlation. Robert I. Turner also participated in the comprehensive field review the week of July 11-15, 1984.

Headnote for Detailed Soil Survey Legend:

Map symbols consist of numbers or a combination of numbers and letters. The initial numbers represent the kind of soil. A capital letter following these numbers indicates the class of slope. Symbols without a slope letter are for nearly level soils. A final number of 2 following the slope letter indicates that the soil is moderately eroded and 3 that it is severely eroded.

SOIL CORRELATION OF
EFFINGHAM COUNTY, ILLINOIS

| Field symbols | Field map unit name | Publication symbol | Approved map unit name |
|---------------|--|--------------------|--|
| 2 | Cisne silt loam | 2 | Cisne silt loam |
| 3A | Hoyleton silt loam, 0 to 2 percent slopes | 3A | Hoyleton silt loam, 0 to 2 percent slopes |
| 3B | Hoyleton silt loam, 2 to 7 percent slopes | 3B | Hoyleton silt loam, 2 to 7 percent slopes |
| 7C2, 5C2 | Atlas loam, 4 to 12 percent slopes, eroded | 7C2 | Atlas silt loam, 4 to 12 percent slopes, eroded |
| 7C3, 5C3 | Atlas silty clay loam, 4 to 12 percent slopes, severely eroded | 7C3 | Atlas silty clay loam, 4 to 12 percent slopes, severely eroded |
| 8D2 | Hickory loam, 10 to 15 percent slopes, eroded | 8D2 | Hickory silt loam, 10 to 15 percent slopes, eroded |
| 8E | Hickory loam, 15 to 20 percent slopes | 8E | Hickory loam, 15 to 20 percent slopes |
| 8F | Hickory loam, 20 to 50 percent slopes | 8F | Hickory loam, 20 to 50 percent slopes |
| 12 | Wynoose silt loam | 12 | Wynoose silt loam |
| 13A | Bluford silt loam, 0 to 2 percent slopes | 13A | Bluford silt loam, 0 to 2 percent slopes |
| 13B | Bluford silt loam, 2 to 5 percent slopes | 13B | Bluford silt loam, 2 to 5 percent slopes |
| 14B | Ava silt loam, 1 to 5 percent slopes | 14B | Ava silt loam, 1 to 5 percent slopes |
| 14C2 | Ava silt loam, 5 to 12 percent slopes, eroded | 14C2 | Ava silt loam, 5 to 12 percent slopes, eroded |
| 15B, 6014B | Parke silt loam, 1 to 5 percent slopes | 15B | Parke silt loam, 1 to 5 percent slopes |

EFFINGHAM COUNTY, ILLINOIS --Continued

| Field symbols | Field map unit name | Publication symbol | Approved map unit name |
|---------------------------------------|--|--------------------|--|
| 15C2, 6014C | Parke silt loam, 5 to 10 percent slopes, eroded | 15C2 | Parke silt loam, 5 to 10 percent slopes, eroded |
| 48 | Ebbert silt loam | 48 | Ebbert silt loam |
| 120A | Huey silt loam, 0 to 2 percent slopes | 120 | Huey silt loam |
| 134B, 134A, 132, 131B | Camden silt loam, 1 to 5 percent slopes | 134B | Camden silt loam, 1 to 5 percent slopes |
| 134C2 | Camden silt loam, 5 to 10 percent slopes, eroded | 134C2 | Camden silt loam, 5 to 10 percent slopes, eroded |
| 138 | Shiloh silty clay loam | 138 | Shiloh silty clay loam |
| 218 | Newberry silt loam | 218 | Newberry silt loam |
| 225, 424, 428, 334, 288, 333, 70, 451 | Holton silt loam | 225 | Holton silt loam |
| 226 | Wirt loam | 226 | Wirt loam |
| 581A | Tamalco silt loam, 0 to 2 percent slopes | 581 | Tamalco silt loam |
| 620B, 120B2, 581B2, 620B2 | Darmstadt silt loam, 2 to 5 percent slopes | 584B2 | Grantfork silty clay loam, 2 to 5 percent slopes, eroded |
| 620A | Darmstadt silt loam, 0 to 2 percent slopes | 620 | Darmstadt silt loam |

Series Established By This Correlation:

None

Series Dropped or Made Inactive:

None

Certification Statement:

The state soil scientist certifies that:

1. Mapping is complete.
2. There are no completed modern soil surveys joining Effingham County. Project surveys are underway in Fayette, Shelby, and Jasper Counties. Copies of the field sheets from Effingham County have been provided to all these counties. The general soil map is completed and has three soil associations.
3. Soil interpretations are coordinated.
4. The typical pedons are all accurately located and are in delineations of areas using those reference names.

Verification of Exact Cooperators Names:

For the front cover:

United States Department of Agriculture
Soil Conservation Service
In Cooperation with
Illinois Agricultural Experiment Station

The cooperators to be listed on the inside of the front cover are the same as those listed on the front cover and in addition: "It is part of the technical assistance provided to the Effingham County Soil and Water Conservation District. The cost was shared by the Effingham County Board and the Illinois Department of Agriculture. This soil survey is Illinois Agricultural Experiment Station Soil Report No. 133."

Disposition of Field Sheets:

The soil maps have been compiled at a scale of 1:15840. All compiled maps, field sheets, and other map materials, including the names overlay, are in the map finishing unit at the state office.

Prior Soil Survey Publication:

The first soil survey of Effingham County was published in 1931. Norton, E.A., R.S. Smith, E.E. De Turk, F.C. Bauer, and L.H. Smith, 1931. Effingham County Soils, University of Illinois Agricultural Experiment Station Soil Report 48. 55 pp., illustrated. This survey updates the first survey and provides additional information and larger maps that show soils in greater detail.

Instruction for Map Finishing:

Map finishing will be done at the map finishing unit at the state office using the soil identification legend, symbols legend, and conversion legend approved at the final correlation conference. Symbols for map finishing should not be ordered until after the final correlation.

Soil Survey Area: Effingham County
State: Illinois

CONVENTIONAL AND SPECIAL SYMBOLS LEGEND

Date: 7/25/85

| DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL |
|--|--------|--|--------|---|--------|
| CULTURAL FEATURES | | CULTURAL FEATURES (cont.) | | SPECIAL SYMBOLS FOR SOIL SURVEY | |
| BOUNDARIES | | MISCELLANEOUS CULTURAL FEATURES | | SOIL DELINEATIONS AND SOIL SYMBOLS | |
| County or parish | | Church | | ESCARPMENTS | |
| Field sheet matchline & neatline | | School | | Other than bedrock (points down slope) | |
| AD HOC BOUNDARY (label) | | Wells, oil or gas | | SHORT STEEP SLOPE | |
| Small airport, airfield, park, oilfield, cemetery, or flood pool | | WATER FEATURES | | SOIL SAMPLE SITE (normally not shown) | |
| STATE COORDINATE TICK (890 000 FEET) | | DRAINAGE | | MISCELLANEOUS | |
| LAND DIVISION CORNERS (sections and land grants) | | Perennial, single line | | Gumbo, slick or scabby spot (sodic) | |
| ROADS | | Intermittent | | Rock outcrop (includes sandstone and shale) | |
| Divided (median shown if scale permits) | | Drainage end | | Sandy spot | |
| County, farm or ranch | | Canals or ditches | | Severely eroded spot | |
| ROAD EMBLEMS & DESIGNATIONS | | Drainage and/or irrigation | | RECOMMENDED AD HOC SOIL SYMBOLS | |
| Interstate | | LAKES, PONDS AND RESERVOIRS | | Oil-waste land | |
| Federal | | Perennial | | | |
| State | | | | | |
| RAILROAD | | | | | |
| DAMS | | | | | |
| Large (to scale) | | | | | |
| Medium or small | | | | | |
| PITS | | | | | |
| Gravel pit | | | | | |

SOIL SURVEY EFFINGHAM COUNTY, ILLINOIS

PRIME FARMLAND

(Only the soils considered prime farmland are listed. Urban or built-up areas of the soils listed are not considered prime farmland. If a soil is prime farmland only under certain conditions, the conditions are specified in parentheses after the soil name)

| Map symbol | Soil name |
|------------|---|
| 2 | Cisne silt loam (where drained) |
| 3A | Hoyleton silt loam, 0 to 2 percent slopes |
| 3B | Hoyleton silt loam, 2 to 7 percent slopes |
| 13A | Bluford silt loam, 0 to 2 percent slopes (where drained) |
| 13B | Bluford silt loam, 2 to 5 percent slopes (where drained) |
| 14B | Ava silt loam, 1 to 5 percent slopes |
| 15B | Parke silt loam, 1 to 5 percent slopes |
| 48 | Ebbert silt loam (where drained) |
| 134B | Camden silt loam, 1 to 5 percent slopes |
| 138 | Shiloh silty clay loam (where drained) |
| 218 | Newberry silt loam (where drained) |
| 225 | Holton silt loam (where drained and either protected from flooding or not frequently flooded during the growing season) |
| 226 | Wirt loam (where protected from flooding or not frequently flooded during the growing season) |

Approved: March 28, 1986

Rodney F. Harner

RODNEY F. HARNER
Head, Soils Staff
Midwest NTC

CONVERSION LEGEND FOR
EFFINGHAM COUNTY, ILLINOIS

| Field symbol | Publi- cation symbol |
|--------------|-------------------------|--------------|-------------------------|--------------|-------------------------|--------------|-------------------------|
| 2 | 2 | 620B2 | 584B2 | | | | |
| 3A | 3A | 6014B | 15B | | | | |
| 3B | 3B | 6014C | 15C2 | | | | |
| 5C2 | 7C2 | | | | | | |
| 5C3 | 7C3 | | | | | | |
| 7C2 | 7C2 | | | | | | |
| 7C3 | 7C3 | | | | | | |
| 8D2 | 8D2 | | | | | | |
| 8E | 8E | | | | | | |
| 8F | 8F | | | | | | |
| 12 | 12 | | | | | | |
| 13A | 13A | | | | | | |
| 13B | 13B | | | | | | |
| 14B | 14B | | | | | | |
| 14C2 | 14C2 | | | | | | |
| 15B | 15B | | | | | | |
| 15C2 | 15C2 | | | | | | |
| 48 | 48 | | | | | | |
| 70 | 225 | | | | | | |
| 120A | 120 | | | | | | |
| 120B2 | 584B2 | | | | | | |
| 131B | 134B | | | | | | |
| 132 | 134B | | | | | | |
| 134A | 134B | | | | | | |
| 134B | 134B | | | | | | |
| 134C2 | 134C2 | | | | | | |
| 138 | 138 | | | | | | |
| 218 | 218 | | | | | | |
| 225 | 225 | | | | | | |
| 226 | 226 | | | | | | |
| 288 | 225 | | | | | | |
| 333 | 225 | | | | | | |
| 334 | 225 | | | | | | |
| 424 | 225 | | | | | | |
| 428 | 225 | | | | | | |
| 451 | 225 | | | | | | |
| 581A | 581 | | | | | | |
| 581B2 | 584B2 | | | | | | |
| 620A | 620 | | | | | | |
| 620B | 584B2 | | | | | | |

LEGEND OF MAP UNITS ACCORDING TO ALPHABETICAL SEQUENCE
FOR EFFINGHAM COUNTY, ILLINOIS

| Publication Symbol | Approved Map Unit Name |
|-----------------------|--|
| 7C2 | ATLAS SILT LOAM, 4 TO 12 PERCENT SLOPES, ERODED |
| 7C3 | ATLAS SILTY CLAY LOAM, 4 TO 12 PERCENT SLOPES, SEVERELY ERODED |
| 14B | AVA SILT LOAM, 1 TO 5 PERCENT SLOPES |
| 14C2 | AVA SILT LOAM, 5 TO 12 PERCENT SLOPES, ERODED |
| 13A | BLUFORD SILT LOAM, 0 TO 2 PERCENT SLOPES |
| 13B | BLUFORD SILT LOAM, 2 TO 5 PERCENT SLOPES |
| 134B | CAMDEN SILT LOAM, 1 TO 5 PERCENT SLOPES |
| 134C2 | CAMDEN SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED |
| 2 | CISNE SILT LOAM |
| 620 | DARMSTADT SILT LOAM |
| 48 | EBBERT SILT LOAM |
| 584B2 | GRANTFORK SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, ERODED |
| 8E | HICKORY LOAM, 15 TO 20 PERCENT SLOPES |
| 8F | HICKORY LOAM, 20 TO 50 PERCENT SLOPES |
| 8D2 | HICKORY SILT LOAM, 10 TO 15 PERCENT SLOPES, ERODED |
| 225 | HOLTON SILT LOAM |
| 3A | HOYLETON SILT LOAM, 0 TO 2 PERCENT SLOPES |
| 3B | HOYLETON SILT LOAM, 2 TO 7 PERCENT SLOPES |
| 120 | HUEY SILT LOAM |
| 218 | NEWBERRY SILT LOAM |
| 15B | PARKE SILT LOAM, 1 TO 5 PERCENT SLOPES |
| 15C2 | PARKE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED |
| 138 | SHILOH SILTY CLAY LOAM |
| 581 | TAMALCO SILT LOAM |
| 226 | WIRT LOAM |
| 12 | WYNOOSE SILT LOAM |

CLASSIFICATION OF PEDONS SAMPLED
FOR LABORATORY ANALYSIS

1. Laboratory data from NSSL with SCS-SOILS-8 forms.

| <u>Sampled as</u> | <u>Pedon Sample No.</u> | <u>Publication Symbol</u> | <u>Approved Series Name or Classification</u> |
|-------------------|-----------------------------|-------------------------------|---|
| Blair | 83IL-049-6 | 7C2 | Atlas ^{1/} |
| Blair | 82IL-049-11 | 7C2 | Atlas taxadjunct; fine-loamy, mixed, mesic, sloping Aeric Ochraqualf. Mapped as inclusion in Atlas. |
| Camden | 80IL-049-48 | 134B | Camden ^{1/} |
| Cisne | 82IL-049-9 | 2 | Cisne taxadjunct; fine, montmorillonitic, mesic Typic Albaqualf. Thin dark colored surface layer. Mapped as inclusion in Cisne. |
| Shoals | 82IL-049-1 | 225 | Holton taxadjunct; coarse-loamy, mixed, nonacid, mesic Aquic Udifluent. |
| Hoyleton | 80IL-049-4 | 3A | Hoyleton ^{1/} |
| Newberry | 83IL-049-5 | 218 | Newberry ^{1/} |
| Parke | 83IL-049-13 | 15C2 | Parke--Redder hue in part of Bt horizon formed in material I than allowed in series definition. ^{2/} |
| Shiloh | 61IL-049-4 | 138 | Shiloh ^{1/} |
| Tamalco | 83IL-049-3 | 581 | Tamalco ^{1/} |
| Wynoose | 82IL-049-7 | 12 | Wynoose |

2. Data from the Pedology Laboratory, University of Illinois, with SCS-SOILS-8 forms.

| | | | |
|-------|------------|-----|---------------------|
| Blair | 83IL-049-6 | 7C2 | Atlas ^{1/} |
|-------|------------|-----|---------------------|

| <u>Sampled as</u> | <u>Pedon Sample No.</u> | <u>Publication Symbol</u> | <u>Approved Series Name or Classification</u> |
|-------------------|-----------------------------|-------------------------------|---|
| Blair | 82IL-049-11 | 7C2 | Atlas taxadjunct; fine-loamy, mixed, mesic, sloping Aeric Ochraqualf. Mapped as inclusion in Atlas. |
| Blair | 81IL-049-21 | 7C3 | Atlas taxadjunct; fine-loamy, mixed, mesic, sloping Aeric Ochraqualf. |
| Blair | 81IL-049-6 | 7C3 | Atlas taxadjunct; fine-loamy, mixed, mesic, sloping Aeric Ochraqualf. ^{2/} |
| Blair | 81IL-049-5 | 7C3 | Atlas taxadjunct; fine, montmorillonitic mesic Aquic Hapludalf. It also has high pH in the lower part of the solum. Mapped as inclusion in Atlas. |
| Bluford | 81IL-049-2 | 13A | Bluford ^{1/} |
| Cisne | 80IL-049-6 | 2 | Cisne--Organic carbon data only. ^{1/} |
| Cisne | 81IL-049-13 | 2 | Cisne |
| Cisne | 80IL-049-12 | 2 | Cisne; organic carbon data only. |
| Darmstadt | 82IL-049-12 | 620A | Darmstadt ^{1/} |
| Darmstadt | 81IL-049-14 | 620A | Darmstadt taxadjunct; fine-silty, mixed, mesic Typic Natraqualf. Mapped as inclusion in Darmstadt. |
| Huey | 80IL-049-11 | 620A | Darmstadt |
| Shoals | 82IL-049-1 | 225 | Holton taxadjunct; coarse-loamy, mixed, nonacid, mesic Aquic Udifluent. |
| Coffeen | 82IL-049-2 | 225 | Holton taxadjunct; coarse-loamy, mixed, nonacid, mesic Aquic Udifluent. |

| <u>Sampled as</u> | <u>Pedon Sample No.</u> | <u>Publication Symbol</u> | <u>Approved Series Name or Classification</u> |
|-------------------|-------------------------|---------------------------|--|
| Richview | 61IL-049-2 | 3B | Hoyleton |
| Huey | 80IL-049-28 | 120 | Huey |
| Newberry | 83IL-049-5 | 218 | Newberry ^{1/} |
| Parke | 83IL-049-13 | 15C2 | Parke--Redder hue in part of Bt horizon formed in material I than allowed in series definition. ^{2/} |
| Ava | 80IL-049-1 | 15B | Parke--Data on partial pedon. Upper part of 2Bt horizon has less sand than typical for Parke series. ^{1/} |
| Shiloh | 61IL-049-4 | 138 | Shiloh ^{1/} |
| Tamalco | 83IL-049-3 | 581 | Tamalco ^{1/} |
| Genessee | 82IL-049-4 | 226 | Wirt ^{1/} |
| Raddle | 80IL-049-49 | 226 | Wirt taxadjunct; coarse-loamy, mixed, nonacid, mesic Mollic Udifluent. Mapped as inclusion in Wirt. |
| Raddle | 82IL-049-3 | 226 | Wirt taxadjunct; coarse-loamy, mixed, nonacid, mesic Mollic Udifluent. Mapped as inclusion in Wirt. |
| Wynoose | 81IL-049-15 | 12 | Rushville; mapped as inclusion in Wynoose. |

3. Engineering test data from Illinois Department of Transportation with SCS-SOILS-10 forms.

| | | | |
|-------|------------|-----|---------------------|
| Blair | 83IL-049-6 | 7C2 | Atlas ^{1/} |
|-------|------------|-----|---------------------|

| <u>Sampled as</u> | <u>Pedon Sample No.</u> | <u>Publication Symbol</u> | <u>Approved Series Name or Classification</u> |
|-------------------|-------------------------|---------------------------|---|
| Blair | 82IL-049-11 | 7C2 | Atlas taxadjunct; fine-loamy, mixed, mesic, sloping Aeric Ochraqualf. Mapped as inclusion in Atlas. |
| Camden | 80IL-049-48 | 134B | Camden ^{1/} |
| Cisne | 82IL-049-9 | 2 | Cisne taxadjunct; fine, montmorillonitic, mesic Typic Albaqualf. Thin dark colored surface layer. Mapped as inclusion map unit 2. |
| Shoals | 82IL-049-1 | 225 | Holton taxadjunct; coarse-loamy, mixed, nonacid, mesic Aquic Udifluent. |
| Hoyleton | 80IL-049-4 | 3A | Hoyleton ^{1/} |
| Newberry | 83IL-049-5 | 218 | Newberry ^{1/} |
| Parke | 83IL-049-13 | 15C2 | Parke--Redder hue in part of Bt horizon formed in material I than allowed in series definition. ^{2/} |
| Shiloh | 61IL-049-4 | 138 | Shiloh ^{1/} |
| Tamalco | 83IL-049-3 | 581 | Tamalco ^{1/} |
| Wynoose | 82IL-049-7 | 12 | Wynoose |

4. Other data from Pedology Laboratory, University of Illinois, not to be published in the National Pedon Data File.

| | | | |
|---------|------------|-----|---|
| Bluford | 81IL-049-1 | 13B | Bluford taxadjunct; fine-silty mixed, mesic Aeric Ochraqualf. Mapped as inclusion in 13B. |
|---------|------------|-----|---|

| <u>Sampled as</u> | <u>Pedon Sample No.</u> | <u>Publication Symbol</u> | <u>Approved Series Name or Classification</u> |
|-------------------|-----------------------------|-------------------------------|--|
| Alvin | 80IL-049-3 | 134B | Camden taxadjunct; fine-loamy, mixed, mesic Typic Hapludalf. Mapped as inclusion in Camden. |
| Cisne Variant | 80IL-049-22 | 2 | Cisne Variant-- 8 percent exchangeable sodium at 35 inches. Mapped as inclusion in map unit 2. |
| Darmstadt | 80IL-049-30 | 13A | Coulterville--Mapped as inclusion in Bluford 13A. |
| Hickory | 80IL-049-2 | 8F | Hickory taxadjunct; only E horizon sampled--too sandy for Hickory. |
| Unnamed | 81IL-049-4 | 225 | Series unspecified-- mapped as inclusion in Holton. |
| Wynoose | 80IL-049-23 | 12 | Wynoose--Organic carbon data only mapped as inclusion in Wynoose. |
| Wynoose | 80IL-049-29 | 12 | Wynoose--Organic carbon data only mapped as inclusion in Wynoose. |

1/ Typical pedon.

2/ Representative pedon for map unit.

Notes to Accompany the
Classification and Correlation
of the Soils of
Effingham County, Illinois

by

J. Wiley Scott
and
Robert I. Turner

ATLAS SERIES

The soils in map unit 7C3 are taxadjuncts to the Atlas series because they are fine-loamy, mixed, mesic, sloping Aeric Ochraqualfs.

AVA SERIES

These soils are taxadjuncts to the Ava series because they do not have a Bx horizon within a depth of one meter below the soil surface, and the structure in the Bx horizon is too fine to meet the criteria of Fragiudalfs. These soils are fine-silty, mixed, mesic Typic Hapludalfs.

CAMDEN SERIES

The soils in map unit 134C2 are taxadjuncts to the Camden Series as they have more sand in the control section than defined for the Camden series. These soils would be fine-loamy, mixed, mesic Typic Hapludalfs.

GRANTFORK SERIES

Grantfork soils have slightly less slope than typical for sloping families as defined in Soil Taxonomy.

HOYLETON SERIES

Some Hoyleton soils are marginal to having an abrupt clay increase.

PARKE SERIES

These soils have 10YR 3/3 moist and 10YR 6/3 dry color in a surface layer less than 6 inches in thickness, and are silt loam in the 2Bt3 horizon; these properties are outside the defined range of the Parke series. The soils in map unit 15C2 have hue of 5YR in the upper material (loess); that is slightly redder than defined range of the Parke series.

TAMALCO SERIES

These soils have yellower hue and more mottles in the upper part of the Bt horizon than defined for the Tamalco series.

SOIL SURVEY EFFINGHAM COUNTY, ILLINOIS

CLASSIFICATION OF THE SOILS

(An asterisk in the first column indicates a taxadjunct to the series. See notes for a description of those characteristics of this taxadjunct that are outside the range of the series)

| Soil name | Family or higher taxonomic class |
|---------------|---|
| Atlas----- | Fine, montmorillonitic, mesic, sloping Aeric Ochraqualfs |
| *Ava----- | Fine-silty, mixed, mesic Typic Fragiudalfs |
| Bluford----- | Fine, montmorillonitic, mesic Aeric Ochraqualfs |
| Camden----- | Fine-silty, mixed, mesic Typic Hapludalfs |
| Cisne----- | Fine, montmorillonitic, mesic Mollic Albaqualfs |
| Darmstadt---- | Fine-silty, mixed, mesic Albic Natraqualfs |
| Ebbert----- | Fine-silty, mixed, mesic Argiaquic Argialbolls |
| Grantfork---- | Fine-loamy, mixed, mesic, sloping Aeric Ochraqualfs |
| Hickory----- | Fine-loamy, mixed, mesic Typic Hapludalfs |
| Holton----- | Coarse-loamy, mixed, nonacid, mesic Aeric Fluvaquents |
| Hoyleton----- | Fine, montmorillonitic, mesic Aquollic Hapludalfs |
| Huey----- | Fine-silty, mixed, mesic Typic Natraqualfs |
| Newberry----- | Fine-silty, mixed, mesic Mollic Ochraqualfs |
| Parke----- | Fine-silty, mixed, mesic Ultic Hapludalfs |
| Shiloh----- | Fine, montmorillonitic, mesic Cumulic Haplaquolls |
| Tamalco----- | Fine, montmorillonitic, mesic Typic Natrudalfs |
| Wirt----- | Coarse-loamy, mixed, nonacid, mesic Typic Udfluvents |
| Wynoose----- | Fine, montmorillonitic, mesic Typic Albaqualfs |