

**UNITED STATES DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE  
MLRA REGION 11, INDIANAPOLIS, INDIANA**

**FIRST AMENDMENT TO THE  
CLASSIFICATION AND  
CORRELATION OF THE SOILS IN  
CRAWFORD COUNTY, ILLINOIS  
(A SUBSET OF MLRA 113 and 115A)**

**AMENDMENT NO. 1**

August 2, 2004

A correlation amendment needs to be added to the "Classification and Correlation of the Soils in Crawford County, Illinois" document issued in April 2004. The corrections needed are as follows:

1. In the table "*Correlation of the Soils of Crawford County, Illinois,*" make the following changes:

19D3 -- Sylvan silty clay loam, 10 to 18 percent slopes, severely eroded  
goes to  
630D3 -- Navlyls silty clay loam, 10 to 18 percent slopes, severely eroded

Change the publication symbol 19D3 to 630D3 and change the Approved map unit name as above. Delete the previous field symbol 19D3 with its corresponding field map unit name as above. Retain field symbol 19D3 with field map unit name SYLVAN SILTY CLAY LOAM, 10 TO 15 PERCENT SLOPES, SEVERELY ERODED.

Several map units were determined to be in the 100 year flood plain and are now considered to be rarely flooded. Therefore, changes are needed in the table "*Correlation of the Soils of Crawford County, Illinois:*" Add prefix number 7 to the Publication symbol and add the words ", rarely flooded" to the Approved map unit name as indicated below.

<b>Current symbol and name</b>	<b>Amended to symbol and name</b>
155A -- Stockland gravelly sandy loam, 0 to 2 percent slopes	7155A -- Stockland gravelly sandy loam, 0 to 2 percent slopes, rarely flooded
155B -- Stockland gravelly sandy loam, 2 to 5 percent slopes	7155B -- Stockland gravelly sandy loam, 2 to 5 percent slopes, rarely flooded
155C -- Stockland gravelly sandy loam, 5 to 10 percent slopes	7155C -- Stockland gravelly sandy loam, 5 to 10 percent slopes, rarely flooded
286A -- Carmi sandy loam, 0 to 2 percent slopes	7286A -- Carmi sandy loam, 0 to 2 percent slopes, rarely flooded
286B -- Carmi sandy loam, 0 to 2 percent slopes	7286B -- Carmi sandy loam, 0 to 2 percent slopes, rarely flooded
803C -- Orthents	7803C -- Orthents, rarely flooded
865 -- Pits, gravel	7865 -- Pits, gravel, rarely flooded

Move all of the above to their proper numerical order according to Publication symbol.

2. In the list of series or components added to the previous correlated legend (August 1991) add Navlys.
3. In the list of series dropped from the previously correlated legend (August 1991) add Sylvan.
4. The following changes are needed in the table “*Soil Map Symbol Conversion Legend*”:

Field symbols	Current Publication Symbol	Amended to Publication symbol
19D3	19D3	630D3
155A	155A	7155A
155B	155B	7155B
155C	155C	7155C
286A	286A	7286A
286B	286B	7286B
630D3	(new)	630D3
803C	803C	7803C

Field symbols	Current Publication Symbol	Amended to Publication symbol
865	865	7865
7155A	(new)	7155A
7155B	(new)	7155B
7155C	(new)	7155C
7286A	(new)	7286A
7286B	(new)	7286B
7803C	(new)	7803C
7865	(new)	7865

Move, as needed, the “Field symbols” to the proper numerical position in the table.

5. In the “*Legend According to Alphabetical Sequence*” make the following changes:

Delete 19D3 -- Sylvan silty clay loam, 10 to 18 percent slopes, severely eroded;

Add in the appropriate alphabetical position 630D3 -- Navlys silty clay loam, 10 to 18 percent slopes, severely eroded.

Change the symbol and name for the following:

7286A -- Carmi sandy loam, 0 to 2 percent slopes, rarely flooded

7286B -- Carmi sandy loam, 0 to 2 percent slopes, rarely flooded

7803C -- Orthents, rarely flooded

7865 -- Pits, gravel, rarely flooded

7155A -- Stockland gravelly sandy loam, 0 to 2 percent slopes, rarely flooded

7155B -- Stockland gravelly sandy loam, 2 to 5 percent slopes, rarely flooded

7155C -- Stockland gravelly sandy loam, 5 to 10 percent slopes, rarely flooded

6. In the “*Notes to Accompany the Classification and Correlation...*” add the following notes:

**Carmi Series** - About 79% of these soils are within the 100 year flood plain.

**Darmstadt Series** - These soils do not have in the upper part of the argillic horizon a dominant chroma of 2 or less in the matrix or as redox features on ped faces. These soils are taxadjuncts to the series and classify as Fine-silty, mixed, superactive, mesic Aquic Natrudalfs.

**Navlys Series** - Previously mapped Sylvan (19D3). Prominent redox depletions are in the upper portion of the series control section. Navlys is better fit than Sylvan.

**Orthents** - About 88% of these soils are within the 100 year flood plain.

**Pits, gravel** - About 89% of these miscellaneous areas are within the 100 year flood plain.

**Stockland Series** - About 78% of these soils are within the 100 year flood plain.

**Sylvan Series** - Dropped. Correlated to Navlys.

7. In the table, "*Classification of the Soils*," make the following changes:

Indicate with an asterisk (\*) that Darmstadt is a taxadjunct. Change the classification of the Darmstadt taxadjunct to Fine-silty, mixed, superactive, mesic Aquic Natrudalfs.

Insert in the proper sequence Navlys -- Fine-silty, mixed, superactive, mesic Typic Hapludalfs.

Delete Sylvan.

8. Delete current EEO statement and insert the following:

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## Approval Signatures and Date

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