

**CLASSIFICATION AND CORRELATION
OF
THE SOILS OF**

**MORGAN COUNTY
INDIANA**

APRIL 1979



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

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

Classification and Correlation
of the Soils of
Morgan County, Indiana

The final correlation was conducted at the Midwest Technical Service Center in Lincoln, Nebraska. Participants in the correlation were: Ralph H. Strum, Soil Survey Party Leader; Frank W. Sanders, Assistant State Soil Scientist; and Paul R. Johnson. The soils handbook, laboratory data, field sheets, field notes, interpretation tables, and correlation samples were the documentation and supporting evidence reviewed during the conference. Additional material was submitted by correspondence.

Map symbols consist of a combination of letters or letters and numbers. The first capital letter is the initial one of the map unit name. The lower case letter that follows separates mapping units having names that begin with the same letter, except that it does not separate sloping or eroded phases. A second capital letter indicates the class of slope. Symbols without a slope letter are for the nearly level soils or miscellaneous areas. The final number of 2 indicates the soil is moderately eroded and 3 that it is severely eroded.



SOIL CORRELATION OF
MORGAN COUNTY, INDIANA
FEBRUARY 1979

Field symbols	Field mapping unit name	Publi- cation symbol	Approved mapping unit name
RyA, GrA, FyA	Ryker silt loam, 0 to 2 percent slopes	AfA	Alford silt loam, 0 to 2 percent slopes
AfB2, AfB2, AlB2, GrB2, RyB	Alford silt loam, 2 to 6 percent slopes, eroded	AfB	Alford silt loam, 2 to 6 percent slopes
AfC2, AfD2, AlC2	Alford silt loam, 6 to 12 percent slopes, eroded	AfC2	Alford silt loam, 6 to 12 percent slopes, eroded
Ar	Armiesburg silty clay loam	Ar	Armiesburg silty clay loam
AvB2, AvA, CnB2	Ava silt loam, 2 to 6 percent slopes, eroded	AvB	Ava silt loam, 2 to 6 percent slopes
Ba, BaN, So	Banlic silt loam	Ba	Banlic silt loam
Bd, SaA	Bartle silt loam	Bd	Bartle silt loam
BeB2, BeA	Bedford silt loam, 2 to 6 percent slopes, eroded	BeB	Bedford silt loam, 2 to 6 percent slopes
BeC2	Bedford silt loam, 6 to 12 percent slopes, eroded	BeC2	Bedford silt loam, 6 to 12 percent slopes, eroded
BfG, MxG	Berks channery silt loam, 35 to 80 percent slopes	BfG	Berks channery silt loam, 35 to 80 percent slopes
BmC, BmD, Bm3	Bloomfield loamy fine sand, 6 to 12 percent slopes	BmC	Bloomfield loamy fine sand, 6 to 12 percent slopes
Bo	Bonnie silt loam	Bo	Bonnie silt loam
Br, Bk, Ra	Brookston silty clay loam	Br	Brookston clay loam

MORGAN COUNTY, INDIANA --Continued

Field symbols	Field mapping unit name	Publi- cation symbol	Approved mapping unit name
ChF, NgF	Chetwynd loam, 18 to 80 percent slopes	ChF	Chetwynd loam, 18 to 80 percent slopes
CnC2	Cincinnati silt loam, 6 to 12 percent slopes, eroded	CnC2	Cincinnati silt loam, 6 to 12 percent slopes, eroded
CnC3	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded	CnC3	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded
CnD2	Cincinnati silt loam, 12 to 18 percent slopes, eroded	CnD2	Cincinnati silt loam, 12 to 18 percent slopes, eroded
CnD3, H1D3, HkD3, HiD3	Cincinnati silt loam, 12 to 18 percent slopes, severely eroded	CnD3	Cincinnati silt loam, 12 to 18 percent slopes, severely eroded
CrA	Crosby silt loam, 0 to 2 percent slopes	CrA	Crosby silt loam, 0 to 2 percent slopes
CsB2, CrB2	Crosby-Miami silt loams, 2 to 4 percent slopes, eroded	CsB2	Crosby-Miami silt loams, 2 to 4 percent slopes, eroded
ESC2, EsB, EsB2	Elkinsville silt loam, 6 to 12 percent slopes, eroded	ESC2	Elkinsville silt loam, 6 to 12 percent slopes, eroded
Ev	Evansville silty clay loam	Ev	Evansville silty clay loam
FcA, FnA, XeA, RuA, MnA	Fincastle silt loam, 0 to 3 percent slopes	FcA	Fincastle silt loam, 0 to 3 percent slopes
FoA	Fox loam, 0 to 2 percent slopes	FoA	Fox loam, 0 to 2 percent slopes

MORGAN COUNTY, INDIANA --Continued

Field symbols	Field mapping unit name	Publi- cation symbol	Approved mapping unit name
FoB2	Fox loam, 2 to 6 percent slopes, eroded	FoB2	Fox loam, 2 to 6 percent slopes, eroded
FoC2, FoC2, FoD2, FxC3, FxD3, MeC2, RmF	Fox loam, 6 to 12 percent slopes, eroded	FxC2	Fox complex, 6 to 15 percent slopes, eroded
Ge, Gn, Ee	Genesee silt loam	Ge	Genesee silt loam
GpC2, GpC3	Gilpin silt loam, 6 to 12 percent slopes, eroded	GpC	Gilpin silt loam, 6 to 12 percent slopes
GpD, GpD2, GpD3, WeD2, WfD2	Gilpin silt loam, 12 to 18 percent slopes	GpD	Gilpin silt loam, 12 to 18 percent slopes
GpE	Gilpin silt loam, 18 to 24 percent slopes	GpE	Gilpin silt loam, 18 to 25 percent slopes
GrC2, GrC3	Grayford silt loam, 6 to 12 percent slopes, eroded	GrC	Grayford silt loam, 6 to 12 percent slopes
GrD2, GrD3	Grayford silt loam, 12 to 18 percent slopes, eroded	GrD2	Grayford silt loam, 12 to 18 percent slopes, eroded
Ha, Hd, Cu	Haymond silt loam	Ha	Haymond silt loam
HkF, HiF	Hickory loam, 18 to 50 percent slopes	HkF	Hickory loam, 18 to 50 percent slopes
IvA, MuREN, MuA, MuB2	Iva silt loam, 0 to 3 percent slopes	IvA	Iva silt loam, 0 to 3 percent slopes
MbD2, MbD3, Mbb2, Mbc3, Mbc2	Markland silt loam, 12 to 18 percent slopes, eroded	MbD2	Markland silt loam, 12 to 18 percent slopes, eroded
MbE, MbE2	Markland silt loam, 18 to 25 percent slopes	MbE	Markland silt loam, 18 to 25 percent slopes

MORGAN COUNTY, INDIANA --Continued

Field symbols	Field mapping unit name	Publi- cation symbol	Approved mapping unit name
MeA, MdA	Martinsville loam, 0 to 2 percent slopes	MeA	Martinsville loam, 0 to 2 percent slopes
MeB2, MdB2	Martinsville loam, 2 to 6 percent slopes, eroded	MeB	Martinsville loam, 2 to 6 percent slopes
MnB2, MtB3, MnB3	Miami silt loam, 2 to 6 percent slopes, eroded	MnB2	Miami silt loam, 2 to 6 percent slopes, eroded
MnC2, RuC2	Miami silt loam, 6 to 12 percent slopes, eroded	MnC2	Miami silt loam, 6 to 12 percent slopes, eroded
MnD2	Miami silt loam, 12 to 18 percent slopes, eroded	MnD2	Miami silt loam, 12 to 18 percent slopes, eroded
MnE	Miami silt loam, 18 to 24 percent slopes	MnE	Miami silt loam, 18 to 25 percent slopes
MnF, HeF, SwF, Sw	Miami loam, 25 to 50 percent slopes	MnF	Miami loam, 25 to 50 percent slopes
MoC3, MtC3, MnC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	MoC3	Miami clay loam, 6 to 12 percent slopes, severely eroded
MoD3, MtD3, MnD3	Miami clay loam, 12 to 18 percent slopes, severely eroded	MoD3	Miami clay loam, 12 to 18 percent slopes, severely eroded
Mf, Mi, MiL, Mr	Milford silty clay loam	Mp	Milford silty clay loam
Mu	Montgomery silty clay loam	Mu	Montgomery silty clay loam
OcA	Ockley loam, 0 to 2 percent slopes	OcA	Ockley loam, 0 to 2 percent slopes
OcB2	Ockley loam, 2 to 6 percent slopes, eroded	OcB2	Ockley loam, 2 to 6 percent slopes, eroded

MORGAN COUNTY, INDIANA --Continued

Field symbols	Field mapping unit name	Publi- cation symbol	Approved mapping unit name
PkC2, PkC	Parke silt loam, 6 to 12 percent slopes, eroded	PkC2	Parke silt loam, 6 to 12 percent slopes, eroded
PkD2	Parke silt loam, 12 to 18 percent slopes, eroded	PkD	Parke silt loam, 12 to 18 percent slopes
Pm, Pn	Patton silty clay loam	Pm	Patton silty clay loam
PnB2, PeB2, PnA, PeA	Pekin silt loam, 2 to 6 percent slopes, eroded	PnB	Pekin silt loam, 2 to 6 percent slopes
PpA	Pike silt loam, 0 to 2 percent slopes	PpA	Pike silt loam, 0 to 2 percent slopes
PpB2, PkB2	Pike silt loam, 2 to 6 percent slopes, eroded	PpB2	Pike silt loam, 2 to 6 percent slopes, eroded
PrA	Princeton fine sandy loam, 0 to 2 percent slopes	PrA	Princeton fine sandy loam, 0 to 2 percent slopes
PrB2	Princeton fine sandy loam, 2 to 6 percent slopes, eroded	PrB	Princeton fine sandy loam, 2 to 6 percent slopes
PrC2	Princeton fine sandy loam, 6 to 12 percent slopes, eroded	PrC	Princeton fine sandy loam, 6 to 12 percent slopes
PrD2, PrD3	Princeton fine sandy loam, 12 to 18 percent slopes, eroded	PrD	Princeton fine sandy loam, 12 to 18 percent slopes
PrE	Princeton fine sandy loam, 18 to 24 percent slopes	PrE	Princeton fine sandy loam, 18 to 25 percent slopes
Pg, C.F., Ep, G.P.	Pits	Ps	Pits

MORGAN COUNTY, INDIANA --Continued

Field symbols	Field mapping unit name	Publi- cation symbol	Approved mapping unit name
Rd, HgA	Reesville silt loam	Rd	Reesville silt loam
Re, Wn	Rensselaer clay loam	Re	Rensselaer clay loam
Ro, Nk, NkA	Ross loam	Ro	Ross loam
RuB2	Russell silt loam, 2 to 6 percent slopes, eroded	RuB	Russell silt loam, 2 to 6 percent slopes
Sh	Shoals silt loam	Sh	Shoals silt loam
Sn	Sloan silty clay loam	Sn	Sloan silty clay loam
St	Stonelick sandy loam	St	Stonelick sandy loam
Ta, TaA	Taggart silt loam	Ta	Taggart silt loam
VoA, FoA	Vigo silt loam, 0 to 2 percent slopes	VoA	Vigo silt loam, 0 to 2 percent slopes
Wa	Wakeland silt loam	Wa	Wakeland silt loam
WcG, WeG	Weikert channery silt loam, 40 to 80 percent slopes	WcG	Weikert channery silt loam, 40 to 80 percent slopes
WfC, WeC2, HpC2, WfC2, WfB, WfB2	Wellston silt loam, 6 to 12 percent slopes	WfC	Wellston silt loam, 6 to 12 percent slopes
Wr, Wra, Aya, Sk, Wh	Whitaker loam, 0 to 2 percent slopes	Wr	Whitaker loam
Wu	Wilbur silt loam	Wu	Wilbur silt loam
XeB2	Xenia silt loam, 2 to 7 percent slopes, eroded	XeB2	Xenia silt loam, 2 to 7 percent slopes, eroded
ZaB2, TSA, TSB2	Zanesville silt loam, 2 to 6 percent slopes, eroded	ZaB	Zanesville silt loam, 2 to 6 percent slopes

MORGAN COUNTY, INDIANA --Continued

Field symbols	Field mapping unit name	Publication symbol	Approved mapping unit name
ZaC2	Zanesville silt loam, 6 to 12 percent slopes	ZaC	Zanesville silt loam, 6 to 12 percent slopes
Zp, MgA	Zipp silty clay loam	Zp	Zipp silty clay loam

Morgan County, Indiana

Series established by this correlation:

None

Series dropped or made inactive:

None

Join Statement:

Morgan County is joined by the published soil survey of Hendricks, Johnson, Marion, and Owen Counties and the completed soil surveys of Putnam and Monroe Counties. The field sheets and the general soils maps join. There are some acceptable differences on the field sheets and general soil maps because of differences in design of the map units, changes in series concepts, and aerial extent of series. All of these items are discussed in a detailed join statement prepared by Indiana.

The field mapping is completed, the typical pedons are located in representative areas, and interpretations have been updated and coordinated.

Verification of Cooperator Names:

On the front cover the cooperator citation will read:

United States Department of Agriculture
Soil Conservation Service
in Cooperation with
Purdue University
Agricultural Experiment Station
and
Indiana Division of Natural Resources
Soil and Water Conservation Committee

In the box on the inside of the front cover, the credit line will read:

"This survey was made cooperatively by the Soil Conservation Service; Purdue University, Agricultural Experiment Station; and the Indiana Department of Natural Resources, Soil and Water Conservation Committee. Financial assistance was made available by the Morgan County Board of County Commissioners."

Disposition of Field Sheets:

The field sheets will be retained in Indiana for use in map compilation and map finishing.

Prior Soil Survey Publications:

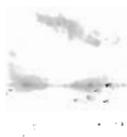
The following statement will be part of the introduction in the soil survey:

"The first soil survey of Morgan County was published in 1950. This survey updates the first survey and provides additional information and larger maps that show the soils in greater detail.

Morgan County, Indiana

Instructions for Map Compilation:

The conventional symbols used in this survey are those listed in the following Legend of Conventional Symbols. The field mapping was done using the symbols as they appear on the SCS-SOILS-37A.



3-75
 Soil Survey Area: Morgan Co.
 State: INDIANA

CONVENTIONAL AND SPECIAL SYMBOLS LEGEND

U.S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE
 REVISED
 Date: June 16, 1978

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		Farmstead, house (omit in urban areas)	•	ESCARPMENTS	
Minor civil division		Church	⋈	Bedrock (points down slope)	
Reservation (national forest or park, state forest or park, and large airport)		School	⋈	Other than bedrock (points down slope)	
Limit of soil survey (label)				SHORT STEEP SLOPE	
Field sheet matchline & nestline				GULLY	
AD HOC BOUNDARY (label)				DEPRESSION OR SWK	◊
Small airport, airfield, park, oilfield, cemetery, or flood pool				MISCELLANEOUS	
STATE COORDINATE TICK		WATER FEATURES		Gravelly spot	⊙
LAND DIVISION CORNERS (sections and land grants)		DRAINAGE		Rock outcrop (includes sandstone and shale)	∇
ROADS		Perennial, double line		Sandy spot	⊙
Divided (median shown if scale permits)		Perennial, single line		Severely eroded spot	⊙
County, town or ranch		Intermittent			
Trait		Drainage end			
ROAD EMBLEMS & DESIGNATIONS		Drainage and/or irrigation			
Interstate				RECOMMENDED AD HOC SOIL SYMBOLS	
Federal		LAKES, PONDS AND RESERVOIRS		Borrow pits	#
State		Perennial		1 per 10 AC. or less	
Other					
RAILROAD		MISCELLANEOUS WATER FEATURES			
		Marsh or swamp			
LEVEES		Wet spot	↓		
Without road					
DAMS					
Large (to scale)					
Medium or small					
PITS					
Gravel pit	⊗				
Mine or quarry	⊗				

Approved: April 30, 1979

 Maurice Stout, Jr.
 Head, Soils Staff
 Midwest TSC

CONVERSION LEGEND FOR
MORGAN COUNTY, INDIANA
FEBRUARY 1979

Field symbol	Publi- cation symbol	Field symbol	Publi- cation symbol	Field symbol	Publi- cation symbol	Field symbol	Publi- cation symbol
AfB2	AfB	FcA	FcA	MbE	MbE	PkC2	PkC2
AfB2	AfB	FnA	FcA	MbE2	MbE	PkD2	PkD
AfC2	AfC2	FoA	FoA	MdA	MeA	Pm	Pm
AfD2	AfC2	FoB2	FoB2	MdB2	MeB	Pn	Pm
AlB2	AfB	FoC2	FxC2	MeA	MeA	PnA	PnB
AlC2	AfC2	FoC2	FxC2	MeB2	MeB	PnB2	PnB
Ar	Ar	FoD2	FxC2	MeC2	FxC2	PoA	VoA
AvA	AvB	FxC3	FxC2	Mf	Mp	PpA	PpA
AvB2	AvB	FxD3	FxC2	MgA	Zp	PpB2	PpB2
AyA	Wr	G.P.	Ps	Mi	Mp	Pq	Ps
Ba	Ba	Ge	Ge	MiL	Mp	PrA	PrA
BaN	Ba	Gn	Ge	MnA	FcA	PrB2	PrB
Bd	Bd	GpC2	GpC	MnB2	MnB2	PrC2	PrC
BeA	BeB	GpC3	GpC	MnB3	MnB2	PrD2	PrD
BeB2	BeB	GpD	GpD	MnC2	MnC2	PrD3	PrD
BeC2	BeC2	GpD2	GpD	MnC3	MoC3	PrE	PrE
BfG	BfG	GpD3	GpD	MnD2	MnD2	Ra	Br
Bk	Br	GpE	GpE	MnD3	MoD3	Rd	Rd
BmB	BmC	GrA	AfA	MnE	MnE	Re	Re
BmC	BmC	GrB2	AfB	MnF	MnF	RmF	FxC2
BmD	EmC	GrC2	GrC	MoC3	MoC3	Ro	Ro
Bo	Bo	GrC3	GrC	MoD3	MoD3	RuA	FcA
Bp	Ps	GrD2	GrD2	Mr	Mp	RuB2	RuB
Br	Br	GrD3	GrD2	MtB3	MnB2	RuC2	MnC2
C.F.	Ps	Ha	Ha	MtC3	MoC3	RyA	AfA
ChF	ChF	Hd	Ha	MtD3	MoD3	RyA	AfA
CnB2	AvB	HeF	MnF	Mu	Mu	RyB	AfB
CnC2	CnC2	HgA	Rd	MuA	IvA	SaA	Bd
CnC3	CnC3	HiD3	CnD3	MuB2	IvA	Sh	Sh
CnD2	CnD2	HiF	HkF	MuREN	IvA	Sk	Wr
CnD3	CnD3	HkD3	CnD3	MxG	BfG	Sn	Sn
CrA	CrA	HkF	HkF	NgF	ChF	So	Ba
CrB2	CsB2	HlD3	CnD3	Nk	Ro	St	St
CsB2	CsB2	HpC2	WfC	NkA	Ro	Sw	MnF
Cu	Ha	IvA	IvA	OcA	OcA	SWF	MnF
Ee	Ge	MbB2	MbD2	OcB2	OcB2	Ta	Ta
EsB	EsC2	MbC2	MbD2	PeA	PnB	TaA	Ta
EsB2	EsC2	MbC3	MbD2	PeB2	PnB	TsA	ZaB
EsC2	EsC2	MbD2	MbD2	PkB2	PpB2	TsB2	ZaB
Ev	Ev	MbD3	MbD2	PkC	PkC2	VoA	VoA

MORGAN COUNTY, INDIANA --Continued

Field symbol	Publi- cation symbol						
Wa	Wa						
WcG	WcG						
WeC2	WfC						
WeD2	GpD						
WeG	WcG						
WfB	WfC						
WfB2	WfC						
WfC	WfC						
WfC2	WfC						
WfD2	GpD						
Wh	Wr						
Wn	Re						
Wr	Wr						
WrA	Wr						
Wu	Wu						
XeA	FcA						
XeB2	XeB2						
ZaB2	ZaB						
ZaC2	ZaC						
Zp	Zp						

Morgan County, Indiana

CLASSIFICATION OF PEDONS SAMPLED FOR LABORATORY ANALYSIS

Purdue University Soil Characterization Laboratory

<u>Sampled As</u>	<u>Sample No.</u>	<u>Approved Name</u>
Alford	S76 IN 109-19-(1-8)	Alford
Armiesburg	S76 IN 109-22-(1-6)	Armiesburg
Banlic	S76 IN 109-6-(1-8)	Banlic
Banlic	S76 IN 109-7-(1-9)	Banlic
Bedford	S76 IN 109-26-(1-9)	Bedford
Berks	S76 IN 109-15-(1-6)	Berks
Bonnie	S76 IN 109-10-(1-7)	Bonnie
Brookston	S77 IN 109-30-(1-7)	Brookston
Chetwynd	S76 IN 109-32-(1-8)	Chetwynd
Eel	S76 IN 109-9-(1-8)	Shoals
Elkinsville	S76 IN 109-12-(1-9)	Elkinsville
Gilpin	S76 IN 109-2-(1-7)	Gilpin
Gilpin	S76 IN 109-3-(1-6)	Gilpin
Gilpin	S76 IN 109-4-(1-7)	Gilpin
Gilpin	S76 IN 109-5-(1-7)	Gilpin
Grayford	S76 IN 109-24-(1-7)	Grayford
Martinsville	S77 IN 109-28-(1-7)	Martinsville
Negley	S76 IN 109-8-(1-8)	Chetwynd
Ockley	S77 IN 109-31-(1-7)	Ockley
Pekin	S76 IN 109-16-(1-8)	Pekin
Shoals	S77 IN 109-27-(1-7)	Shoals
Strawn	S76 IN 109-23-(1-6)	Miami
Taggart	S75 IN 109-1-(1-8)	Taggart
Vigo	S76 IN 109-2-(1-7)	Vigo
Vigo	S76 IN 109-18-(1-8)	Vigo
Wellston	S76 IN 109-1-(1-8)	Wellston
Zipp	S76 IN 109-17-(1-7)	Zipp

Morgan County, Indiana

Notes to Accompany
Classification and Correlation
of the Soils of
Morgan County, Indiana

by
Paul R. Johnson

BEDFORD SERIES

This soil is a taxadjunct to the Bedford series because the base saturation is higher below the fragipan than is typical for the series.

CHEWYND SERIES

This soil has its type location in Morgan County. It was established in Monroe County, Indiana.

GRAYFORD SERIES

This soil is slightly deeper than 60 inches to bedrock.

MARTINSVILLE SERIES

This series was established in Morgan County in 1937. The original type location has been destroyed and a new type location for this series will be selected.

PATTON SERIES

This soil is a taxadjunct to the Patton series because the solum is thicker than described for the series.

RENSSELAER SERIES

This soil lacks a stratification within a solum as described for the series.

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
Alford-----	Fine-silty, mixed, mesic Typic Hapludalfs
Armiesburg---	Fine-silty, mixed, mesic Fluventic Hapludolls
Ava-----	Fine-silty, mixed, mesic Typic Fragiudalfs
Banlic-----	Coarse-silty, mixed, nonacid, mesic Aeric Haplaquepts
Bartle-----	Fine-silty, mixed, mesic Aeric Fragiaguqualfs
*Bedford-----	Fine-silty, mixed, mesic Typic Fragiudults
Berks-----	Loamy-skeletal, mixed, mesic Typic Dystrochrepts
Bloomfield---	Coarse-loamy, mixed, mesic Psammentic Hapludalfs
Bonnie-----	Fine-silty, mixed, acid, mesic Typic Fluvaquents
Brookston---	Fine-loamy, mixed, mesic Typic Argiaquolls
Chetwynd-----	Fine-loamy, mixed, mesic Typic Hapludults
Cincinnati---	Fine-silty, mixed, mesic Typic Fragiudalfs
Crosby-----	Fine, mixed, mesic Aeric Ochraququalfs
Elkinsville	Fine-silty, mixed, mesic Ultic Hapludalfs
Evansville---	Fine-silty, mixed, nonacid, mesic Typic Haplaquepts
Fincastle---	Fine-silty, mixed, mesic Aeric Ochraququalfs
Fox-----	Fine-loamy over sandy or sandy-skeletal, mixed, mesic Typic Hapludalfs
Genesee-----	Fine-loamy, mixed, nonacid, mesic Typic Udifulvents
Gilpin-----	Fine-loamy, mixed, mesic Typic Hapludults
Grayford-----	Fine-silty, mixed, mesic Typic Hapludalfs
Haymond-----	Coarse-silty, mixed, nonacid, mesic Typic Udifulvents
Hickory-----	Fine-loamy, mixed, mesic Typic Hapludalfs
Iva-----	Fine-silty, mixed, mesic Aeric Ochraququalfs
Markland-----	Fine, mixed, mesic Typic Hapludalfs
Martinsville	Fine-loamy, mixed, mesic Typic Hapludalfs
Miami-----	Fine-loamy, mixed, mesic Typic Hapludalfs
Milford-----	Fine, mixed, mesic Typic Haplaquolls
Montgomery---	Fine, mixed, mesic Typic Haplaquolls

CLASSIFICATION OF THE SOILS--Continued

Soil name	Family or higher taxonomic class
Ockley-----	Fine-loamy, mixed, mesic Typic Hapludalfs
Parke-----	Fine-silty, mixed, mesic Ultic Hapludalfs
*Patton-----	Fine-silty, mixed, mesic Typic Haplaquolls
Pekin-----	Fine-silty, mixed, mesic Aquic Fragiudalfs
Pike-----	Fine-silty, mixed, mesic Ultic Hapludalfs
Princeton----	Fine-loamy, mixed, mesic Typic Hapludalfs
Reesville----	Fine-silty, mixed, mesic Aeric Ochraqualfs
Rensselaer---	Fine-loamy, mixed, mesic Typic Argiaquolls
Ross-----	Fine-loamy, mixed, mesic Cumulic Hapludolls
Russell-----	Fine-silty, mixed, mesic Typic Hapludalfs
Shoals-----	Fine-loamy, mixed, nonacid, mesic Aeric Fluvaquents
Sloan-----	Fine-loamy, mixed, mesic Fluvaquentic Haplaquolls
Stonelick----	Coarse-loamy, mixed (calcareous), mesic Typic Udifulvents
Taggart-----	Fine-silty, mixed, mesic Aeric Ochraqualfs
Vigo-----	Fine-silty, mixed, mesic Typic Glossaqualfs
Wakeland----	Coarse-silty, mixed, nonacid, mesic Aeric Fluvaquents
Weikert-----	Loamy-skeletal, mixed, mesic Lithic Dystrochrepts
Wellston----	Fine-silty, mixed, mesic Ultic Hapludalfs
Whitaker----	Fine-loamy, mixed, mesic Aeric Ochraqualfs
Wilbur-----	Coarse-silty, mixed, nonacid, mesic Aquic Udifulvents
Xenia-----	Fine-silty, mixed, mesic Aquic Hapludalfs
Zanesville---	Fine-silty, mixed, mesic Typic Fragiudalfs
Zipp-----	Fine, mixed, nonacid, mesic Typic Haplaquepts