

**CLASSIFICATION AND CORRELATION
OF THE SOILS OF
SCOTT COUNTY, INDIANA
OCTOBER 1995**



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

AN EQUAL OPPORTUNITY EMPLOYER

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Classification and Correlation
of the Soils of
Scott County, Indiana

This correlation was prepared by William D. Hosteter and Byron G. Nagel in August, 1995. The Final Field Review was conducted April 16-20, 1990 by William D. Hosteter, Assistant State Soil Scientist. Other participants were Byron Nagel, Project Leader; Allan Nickell, Area Soil Scientist; and Henry Mount, Soil Scientist, SSQA staff from the National Soil Survey Center. Carl L. Glocker, Soil Scientist, SSQA staff made the technical review of this document.

In preparing this correlation, the following was available: 1) soil survey text manuscript, 2) soil maps, 3) field notes and transect data, 4) soil correlation samples, 5) laboratory data, 6) soil interpretation records, and 7) SOI-6 file.

Headnote for Detailed Soil Survey Legend

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. Then two lower case letters that follow separate the map units having names that begin with the same letter. It does not separate sloping or eroded phases. The second capital letter indicates the slope class. Symbols without a slope letter are for miscellaneous areas. Symbols ending with a number indicates the erosion class. Symbols ending with a capital letter as the fifth character indicate inundation phases or other soil phases.

SOIL CORRELATION OF
SCOTT COUNTY, INDIANA

Field symbols	Field map unit name	Publication symbol	Approved map unit name
AvA	Avonburg silt loam, 0 to 2 percent slopes	AddA	Avonburg silt loam, 0 to 2 percent slopes
AvB2	Avonburg silt loam, 2 to 4 percent slopes, eroded	AddB2	Avonburg silt loam, 2 to 4 percent slopes, eroded
BaA, Ba	Bartle silt loam, 0 to 2 percent slopes	BbhA	Bartle silt loam, 0 to 2 percent slopes
BaB, BaB2	Bartle silt loam, 2 to 4 percent slopes	BbhB	Bartle silt loam, 2 to 4 percent slopes
BuA, Bu	Beanblossom silt loam, nonchannery, 1 to 3 percent slopes, occasionally flooded	BcrAK	Beanblossom silt loam, 1 to 3 percent slopes, occasionally flooded, very brief duration
BdB	Bedford silt loam, 2 to 6 percent slopes	BdoB	Bedford silt loam, 2 to 6 percent slopes
JfC2	Blocher, olive shale substratum-Leota silt loams, 6 to 12 percent slopes, eroded	BfbC2	Blocher, soft bedrock substratum-Weddel silt loams, 6 to 12 percent slopes, eroded
JfC3	Blocher, olive shale substratum-Leota complex, 6 to 12 percent slopes, severely eroded	BfcC3	Blocher, soft bedrock substratum-Weddel complex, 6 to 12 percent slopes, severely eroded
BnD3	Bonnell clay loam, 12 to 22 percent slopes, severely eroded	BnyD3	Bonnell clay loam, 12 to 22 percent slopes, severely eroded
BkE4, BkE3	Bonnell-Hickory clay loams, gullied, 15 to 30 percent slopes	BobE5	Bonnell-Hickory clay loams, 15 to 30 percent slopes, gullied

SCOTT COUNTY, INDIANA --Continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
BoA, Bo	Bonnie silt loam, 0 to 1 percent slopes, frequently flooded	BodAH	Bonnie silt loam, 0 to 1 percent slopes, frequently flooded, brief duration
BpA, Bp	Bonnie silt loam, 0 to 1 percent slopes, occasionally flooded	BodAK	Bonnie silt loam, 0 to 1 percent slopes, occasionally flooded, very brief duration
BgG	Berks-Gilpin complex, 25 to 70 percent slopes	BvoG	Brownstown-Gilwood silt loams, 25 to 75 percent slopes
CcB2	Cincinnati silt loam, 2 to 6 percent slopes, eroded	CkkB2	Cincinnati silt loam, 2 to 6 percent slopes, eroded
CdC2	Cincinnati-Blocher silt loams, 6 to 12 percent slopes	CldC2	Cincinnati-Blocher silt loams, 6 to 12 percent slopes, eroded
CdC3	Cincinnati-Blocher silt loams, 6 to 12 percent slopes, severely eroded	CldC3	Cincinnati-Blocher silt loams, 6 to 12 percent slopes, severely eroded
CeC4, CeC3, JeC4	Cincinnati-Blocher complex, gullied, 6 to 12 percent slopes	CleC5	Cincinnati-Blocher complex, 6 to 12 percent slopes, gullied
CfA, Cf	Cobbsfork silt loam, 0 to 1 percent slopes	ClfA	Cobbsfork silt loam, 0 to 1 percent slopes
CoC, CoC2, CpC2	Coolville silt loam, 6 to 12 percent slopes	ComC	Coolville silt loam, 6 to 12 percent slopes
CoC3	Coolville silt loam, 6 to 12 percent slopes, severely eroded	ComC3	Coolville silt loam, 6 to 12 percent slopes, severely eroded

SCOTT COUNTY, INDIANA --Continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
CoD, RaD, CoD2	Coolville-Rarden complex, 12 to 18 percent slopes	ConD	Coolville-Rarden complex, 12 to 18 percent slopes
CwA, Cw	Cuba silt loam, 0 to 2 percent slopes, rarely flooded	CwaAQ	Cuba silt loam, 0 to 2 percent slopes, rarely flooded, very brief duration
KtF	Kurtz Variant silty clay loam, 20 to 55 percent slopes	DbrG	Deam silty clay loam, 20 to 55 percent slopes
DeB2	Deputy silt loam, 2 to 6 percent slopes, eroded	DddB2	Deputy silt loam, 2 to 6 percent slopes, eroded
DeC2, DpC2	Deputy silt loam, 6 to 12 percent slopes, eroded	DddC2	Deputy silt loam, 6 to 12 percent slopes, eroded
DeC3, DfC3	Deputy silt loam, 6 to 12 percent slopes, severely eroded	DddC3	Deputy silt loam, 6 to 12 percent slopes, severely eroded
DuA	Dubois silt loam, 0 to 2 percent slopes	DfnA	Dubois silt loam, 0 to 2 percent slopes
DuB2, DuB	Dubois silt loam, 2 to 6 percent slopes, eroded	DfnB2	Dubois silt loam, 2 to 6 percent slopes, eroded
DxA	Dubois-Urban land complex, 0 to 2 percent slopes	DfoA	Dubois-Urban land complex, 0 to 2 percent slopes
ElA	Elkinsville silt loam, 0 to 2 percent slopes	EepA	Elkinsville silt loam, 0 to 2 percent slopes
ElB, ElB2	Elkinsville silt loam, 2 to 6 percent slopes	EepB	Elkinsville silt loam, 2 to 6 percent slopes

SCOTT COUNTY, INDIANA --Continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
ElF, OtF	Elkinsville silt loam, 18 to 40 percent slopes	EepF	Elkinsville silt loam, 18 to 35 percent slopes
GnD, GnD2, GpD3	Gilwood-Wrays silt loams, 6 to 18 percent slopes	GgFD	Gilwood-Wrays silt loams, 6 to 18 percent slopes
GkG	Gilpin-Kurtz silt loams, 20 to 60 percent slopes	GmaG	Gnawbone-Kurtz silt loams, 20 to 60 percent slopes
HaA	Haubstadt silt loam, 0 to 2 percent slopes	HccA	Haubstadt silt loam, 0 to 2 percent slopes
HaB2, OtB2	Haubstadt silt loam, 2 to 6 percent slopes, eroded	HccB2	Haubstadt silt loam, 2 to 6 percent slopes, eroded
OtC2, HaC2	Haubstadt-Markland silt loams, 6 to 15 percent slopes, eroded	HcdC2	Haubstadt-Shircliff silt loams, 6 to 15 percent slopes, eroded
OtC3, HaC3	Haubstadt-Markland complex, 6 to 15 percent slopes, severely eroded	HceC3	Haubstadt-Shircliff complex, 6 to 15 percent slopes, severely eroded
HcB	Haubstadt-Urban land complex, 2 to 6 percent slopes	HcfB	Haubstadt-Urban land complex, 2 to 6 percent slopes
HdA, Cu	Haymond silt loam, 0 to 2 percent slopes, frequently flooded	HcgAH	Haymond silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
HeA, He	Haymond silt loam, 0 to 2 percent slopes, occasionally flooded	HcgAK	Haymond silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration

SCOTT COUNTY, INDIANA --Continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
HgA, Hg	Haymond silt loam, 0 to 2 percent slopes, rarely flooded	HcgAQ	Haymond silt loam, 0 to 2 percent slopes, rarely flooded, very brief duration
HsG	Hickory loam, 30 to 50 percent slopes	HeeG	Hickory loam, 25 to 50 percent slopes
HrE, HkE, BnD2	Hickory-Bonnell complex, 12 to 35 percent slopes	HerE	Hickory-Bonnell complex, 12 to 25 percent slopes
HtA, Ht	Holton silt loam, 0 to 2 percent slopes, occasionally flooded	HleAK	Holton silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration
JeB2	Jennings silt loam, 2 to 6 percent slopes, eroded	JaeB2	Jennings silt loam, 2 to 6 percent slopes, eroded
JeC2, JnC2	Jennings-Blocher black shale substratum complex, 6 to 12 percent slopes, eroded	JafC2	Jennings-Blocher hard bedrock substratum, silt loams, 6 to 12 percent slopes, eroded
JeC3	Jennings-Blocher black shale substratum complex, 6 to 12 percent slopes, severely eroded	JafC3	Jennings-Blocher hard bedrock substratum, silt loams, 6 to 12 percent slopes, severely eroded
MdA	Medora silt loam, 0 to 2 percent slopes	MhyA	Medora silt loam, 0 to 2 percent slopes
MdB2, MmB2	Medora silt loam, 2 to 6 percent slopes, eroded	MhyB2	Medora silt loam, 2 to 6 percent slopes, eroded
MdC2, MdD2	Medora silt loam, 6 to 12 percent slopes, eroded	MhyC2	Medora silt loam, 6 to 12 percent slopes, eroded

SCOTT COUNTY, INDIANA --Continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
MdC3	Medora silt loam, 6 to 12 percent slopes, severely eroded	MhyC3	Medora silt loam, 6 to 12 percent slopes, severely eroded
RSA	Rossmoyne silt loam, 0 to 2 percent slopes	NaaA	Nabb silt loam, 0 to 2 percent slopes
RSB2	Rossmoyne silt loam, 2 to 6 percent slopes, eroded	NaaB2	Nabb silt loam, 2 to 6 percent slopes, eroded
NeF, NeE	Negley silt loam, 18 to 45 percent slopes	NamF	Negley silt loam, 18 to 35 percent slopes
NgD3, NeD3	Negley clay loam, 12 to 25 percent slopes, severely eroded	NanD3	Negley clay loam, 12 to 22 percent slopes, severely eroded
OdA, Od, OgB	Oldenburg loam, 0 to 2 percent slopes, occasionally flooded	OfbAK	Oldenburg loam, 0 to 2 percent slopes, occasionally flooded, very brief duration
PeA	Pekin silt loam, 0 to 2 percent slopes	PcrA	Pekin silt loam, 0 to 2 percent slopes
PeB2, PeB	Pekin silt loam, 2 to 6 percent slopes, eroded	PcrB2	Pekin silt loam, 2 to 6 percent slopes, eroded
PeC2	Pekin silt loam, 6 to 12 percent slopes, eroded	PcrC2	Pekin silt loam, 6 to 12 percent slopes, eroded
PeC3	Pekin silt loam, 6 to 12 percent slopes, severely eroded	PcrC3	Pekin silt loam, 6 to 12 percent slopes, severely eroded
PgA, Pg	Peoga silt loam, 0 to 1 percent slopes	PhhA	Peoga silt loam, 0 to 1 percent slopes

SCOTT COUNTY, INDIANA --Continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
PpA, Pp	Piopolis silty clay loam, 0 to 1 percent slopes, frequently flooded	PlpAH	Piopolis silty clay loam, 0 to 1 percent slopes, frequently flooded, brief duration
Pt	Pits, quarries	Pml	Pits, quarries
RbC3	Rarden silty clay loam, 6 to 12 percent slopes, severely eroded	RblC3	Rarden silty clay loam, 6 to 12 percent slopes, severely eroded
RbD3, Rcd3	Rarden silty clay loam, 12 to 18 percent slopes, severely eroded	RblD3	Rarden silty clay loam, 12 to 18 percent slopes, severely eroded
Rcd4, CpC3	Rarden silty clay loam, gullied, 6 to 18 percent slopes	RbmD5	Rarden silty clay, 6 to 18 percent slopes, gullied
CrF, RoG3	Rohan-Jessietown-Rock outcrop complex, 25 to 60 percent slopes	RptG	Rohan-Jessietown complex, rocky, 25 to 60 percent slopes
DpA	Scottsburg silt loam, 0 to 2 percent slopes	SceA	Scottsburg silt loam, 0 to 2 percent slopes
DpB2	Scottsburg silt loam, 2 to 4 percent slopes, eroded	SceB2	Scottsburg silt loam, 2 to 4 percent slopes, eroded
TlB, TlB2	Tilsit silt loam, 2 to 6 percent slopes	SoaB	Spickert silt loam, 2 to 6 percent slopes
TlC2	Tilsit silt loam, 6 to 12 percent slopes, eroded	SoaC2	Spickert silt loam, 6 to 12 percent slopes, eroded
SfA, Sf	Steff silt loam, 0 to 2 percent slopes, frequently flooded	StaAH	Steff silt loam, 0 to 2 percent slopes, frequently flooded, brief duration

SCOTT COUNTY, INDIANA --Continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
SgA, Sg	Steff silt loam, 0 to 2 percent slopes, occasionally flooded	StaAK	Steff silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration
SkA, SmB, Sm, Sk	Steff silt loam, 0 to 2 percent slopes, rarely flooded	StaAQ	Steff silt loam, 0 to 2 percent slopes, rarely flooded, very brief duration
SnA, Sn	Stendal silt loam, 0 to 2 percent slopes, frequently flooded	StdAH	Stendal silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
SoA, So	Stendal silt loam, 0 to 2 percent slopes, occasionally flooded	StdAK	Stendal silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration
SpA, Sp	Stendal silt loam, 0 to 2 percent slopes, rarely flooded	StdAQ	Stendal silt loam, 0 to 2 percent slopes, rarely flooded, very brief duration
SsB2, SsB	Stonehead silt loam, 2 to 6 percent slopes, eroded	StmB2	Stonehead silt loam, 2 to 6 percent slopes, eroded
SsC, SsC2	Stonehead silt loam, 6 to 12 percent slopes	StmC	Stonehead silt loam, 6 to 12 percent slopes
TrC2, Tsc2, TtC2	Trappist silt loam, 6 to 12 percent slopes, eroded	ThaC2	Trappist silt loam, 6 to 12 percent slopes
TtC3, TrC3	Trappist silty clay loam, 6 to 12 percent slopes, severely eroded	ThbC3	Trappist silty clay loam, 6 to 12 percent slopes, severely eroded

SCOTT COUNTY, INDIANA --Continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
TxC4, TzD4, TxC3, TzC3	Trappist silty clay loam, gullied, 6 to 18 percent slopes	ThbD5	Trappist silty clay loam, 6 to 18 percent slopes, gullied
TwD3, TrD3, TsD3, TzE3, TzD3, TtD3	Trappist-Rohan complex, 12 to 22 percent slopes, severely eroded	ThcD3	Trappist-Rohan complex, 12 to 25 percent slopes, severely eroded
TsD, TsD2, TrD2, TSE	Trappist-Rohan silt loams, 12 to 25 percent slopes	ThdD	Trappist-Rohan silt loams, 12 to 25 percent slopes
Ud	Udorthents, loamy	Uaa	Udorthents, cut and filled
Waa, Wa	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	WaaAH	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, brief duration
WbA, Wb	Wakeland silt loam, 0 to 2 percent slopes, occasionally flooded	WaaAK	Wakeland silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration
W	Water	WcP	Water
JfB2	Leota silt loam, 2 to 6 percent slopes, eroded	WedB2	Weddel silt loam, 2 to 6 percent slopes, eroded
WeD	Wellrock-Gnawbone silt loams, 6 to 20 percent slopes	WhcD	Wellrock-Gnawbone silt loams, 6 to 20 percent slopes
AxA, AxB	Stoy, black shale substratum, 0 to 2 percent slopes	WnmA	Whitcomb silt loam, 0 to 2 percent slopes
WrA, Wr	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded	WokAH	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded, brief duration

SCOTT COUNTY, INDIANA --Continued

Field symbols	Field map unit name	Publication symbol	Approved map unit name
Wsa, Ws	Wilbur silt loam, 0 to 2 percent slopes, occasionally flooded	WokAK	Wilbur silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration
Wza, Wz	Wilhite silty clay loam, ponded, 0 to 1 percent slopes, frequently flooded	WomAP	Wilhite silty clay loam, ponded, 0 to 1 percent slopes, frequently flooded, brief duration
Wua, Wu, Cb, Wwa	Wirt loam, 0 to 2 percent slopes, occasionally flooded	WprAK	Wirt loam, 0 to 2 percent slopes, occasionally flooded
Wta, Wt	Wirt silt loam, 0 to 2 percent slopes, frequently flooded	WpuAH	Wirt silt loam, 0 to 2 percent slopes, frequently flooded

Series Established by this Correlation and County of Type Location

Blocher (Scott Co.)
Brownstown (Scott Co.)
Deam (Scott Co.)
Gilwood (Jackson Co.)
Gnawbone (Scott Co.)
Nabb (Scott Co.)
Scottsburg (Scott Co.)
Shircliff (Perry Co.)
Spickert (Jackson Co.)
Weddel (Scott Co.)
Wellrock (Brown Co.)
Whitcomb (Scott Co. - reactivated)
Wrays (Scott Co.)

Series Dropped or Made Inactive

None

Cooperators' Names and Credits

The cooperators for the front cover are

United States Department of Agriculture
Natural Resources Conservation Service
in cooperation with the Purdue University
Agricultural Experiment Station

The credits to be given on page ii of the published soil survey are as follows:

This survey was made cooperatively by the National Resources Conservation Service and the Purdue University Agricultural Experiment Station. It is part of the technical assistance furnished to the Scott County Soil and Water Conservation District.

Prior Soil Survey Publications

The last soil survey of Scott County was completed in 1958 and published by the United States Department of Agriculture, Soil Conservation Service in March 1962. Reference to the prior soil survey will be included in the literature citation of the manuscript. This survey replaces the March 1962 soil survey, and provides additional data, updated soil interpretations and 1:12,000 scale soil maps on an orthophotographic base.

Instructions for Map Compilation, Map Finishing, and Digitizing

Map compilation has been completed by the cartographic technicians at the Indiana state office. Selected county roads will be numbered. The soil maps are being digitized by the Michigan state office.

Conventional and Special Symbols Legend

Only those symbols indicated on the NRCS-SOILS-37A (3/95) will be shown on the legend and placed on the soil maps. The definition of the Marsh special symbol is not defined as is stated in Part 647 of the National Soil Survey Handbook. Perennial water also includes miscellaneous water in Scott County. All drainage ditches in the county are labeled as perennial, and includes intermittent ditches.

DEFINITIONS OF SPECIAL FEATURES FOR SCOTT COUNTY, INDIANA SOIL SURVEY

Feature	Label	Feature Definition
Escarpment, other	ESO	A relatively continuous and steep slope or cliff generally produced by erosion, but can be produced by faulting or breaking the continuity of more gently sloping land surfaces. Exposed nonbedrock material is very shallow, poorly developed soil. Typically .5 to 3 acres.
Gravelly spot	GRA	Surface layer has more than 35 percent, by volume, of rock fragments that are mostly less than 3 inches in diameter. Typically .5 to 1.5 acres.
Gully	GUL	A very small channel with steep sides cut by running water and through which water ordinarily runs only after a rain or an ice or snow melt. Generally is an obstacle to wheeled vehicles and is too

deep to be obliterated by ordinary tillage. Typically .1 to .5 acres.

Marsh	MAR	A small natural area, intermittently or permanently water-covered, and dominantly has hydrophytic vegetation. Typically 1 to 5 acres.
Mine or quarry	MRI	An open excavation from which soil and underlying material is removed exposing the bedrock. Typically 1 to 3 acres.
Perennial water	WAT	Small natural or manmade lake, pond, or pit that contains water most of the year. Typically .2 to 2.5 acres.
Rock outcrop	ROC	An exposure of bedrock at the surface of the earth. Not used where the named soils of the surrounding map unit are shallow over bedrock. Typically .1 to .2 acres.
Severely eroded spot	ERO	An area where on the average 75 percent or more of the original surface layer has been lost from accelerated erosion. Typically .5 to 2.5 acres.
Short, steep slope	SLP	Narrow soil area that has slopes that are at least 2 slope classes steeper than the slope class of the surrounding named map unit. Typically .5 to 3 acres.

Classification of Pedons Sampled for Laboratory Analysis

sampled as	number	pub_sym	Approved series/class ident. class
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Avonburg	S86IN143-5	AddA a b c	Avonburg
Bartle	S89IN143-11	BbhA a b c	Bartle
Burnside	S89IN143-10	BcrAK b c	Beanblossom
Berks	S89IN143-4	BvoG a b c	Brownstown
Weikert Variant	S89IN143-2	ThdD c	Rohan
Bonnell (partial data)	S86IN143-4	HerE c	Bonnell
Bonnell	S86IN143-10	CldC3 c	Blocher
Bonnie	S87IN143-7	BodAH b c	Bonnie (taxadjunct- Typic Fluvaquent, nonacid, mixed, mesic)
Cincinnati	S90IN143-15	CldC2 b c	Cincinnati
Cobbsfork	S90IN143-8	ClfA c	Cobbsfork
Coolville	S89IN143-4	ComC b c	Coolville
Cuba	S89IN143-8	CwaAQ c	Cuba
Deputy	S87IN143-1	SceB2 a b c	Scottsburg
Deputy	S89IN143-2	SceB2	Scottsburg
Deputy	S87IN143-13	DddC2	Deputy
Dubois	S89IN143-11	DfnA a b c	Dubois
Medora ¹	S87IN143-8	MhyB2 c	Medora
Gilpin	S89IN143-5	GmaG a b c	Gnawbone
Haubstadt	S89IN143-6	HccB2 b c	Haubstadt
Hickory (partial data)	S89IN143-3	HerE b c	Hickory
Jennings ¹	S87IN143-3	JaeB2 c	Jennings
Holton	S89IN143-9	HleAK c	Holton
Jennings Variant	S90IN143-3	WedB2 a b c	Weddel
Kurtz	S90IN143-3	GmaG	Ultic Hapludalf, fine- silty, mixed, mesic
Kurtz	S90IN143-1	GmaG	Ultic Hapludalf, fine, mesic illitic, mesic
Peoga	S90IN143-2	PhhA b c	Peoga
Piopolis	S87IN143-11	PlpAH b c	Piopolis
Rarden	S89IN143-5	RblC3 b c	Rarden
Rarden	S89IN143-6	ConD	Oxyaquic Hapludalf, fine, mixed, mesic
Rarden	S89IN143-7	RblC3	Rarden
Rossmoyne	S86IN143-6	NaaB2 a b c	Nabb
Bonnell Variant	S90IN143-6	BfbC2 c	Blocher
Blocher	S92IN143-1	CldC2 a b c	Blocher
Bonnell Variant ¹	S87IN143-12	JafC3	Blocher
Kurtz Variant	S90IN143-2	DbrG a b c	Deam
Stonehead	S89IN143-9	StmC c	Stonehead
Stoy	S89IN143-14	WnmA a b c	Whitcomb
Trappist	S89IN143-1	ThaC2	Typic Hapludult, fine- silty, mixed, mesic
Trappist	S86IN143-59	ThbC3 c	Trappist
Trappist	S86IN143-1	ThdD b c	Trappist
Trappist	S88IN143-58	ThaC2 c	Typic Hapludult, fine- silty, mixed, mesic
Wilhite	S87IN143-10	WomAP c	Wilhite
Wirt ¹	S89IN143-13	WpuAH c	Wirt
Steff ¹	S87IN143-5	StaAK b c	Steff
Stendal ¹	S87IN143-7	StdAK b c	Stendal
Tilsit	S91IN143-4	SoaC2	Spickert
Wakeland	S91IN143-8	WaaAK c	Wakeland
Wellston	S91IN143-5	GgfD a b c	Wrays
Wilbur	S91IN143-9	WokAH c	Wilbur

All samples analyzed at NSSL unless noted ¹. These noted pedons were analyzed at the Purdue University Soil Characteriazation Lab.

- a) Official Soil Series Pedon
- b) Taxonomic Pedon
- c) Map Unit Representative Pedon

CONVERSION LEGEND FOR
SCOTT COUNTY, INDIANA

Field symbol	Publi- cation symbol						
AvA	AddA	DeC2	DddC2	JnC2	JafC2	SgA	StaAK
AvB2	AddB2	DeC3	DddC3	KtF	DbrG	Sk	StaAQ
AxA	WnmA	DfC3	DddC3	MdA	MhyA	SkA	StaAQ
AxB	WnmA	DpA	SceA	MdB2	MhyB2	Sm	StaAQ
Ba	BbhA	DpB2	SceB2	MdC2	MhyC2	SmB	StaAQ
BaA	BbhA	DpC2	DddC2	MdC3	MhyC3	Sn	StdAH
BaB	BbhB	DuA	DfnA	MdD2	MhyC2	SnA	StdAH
BaB2	BbhB	DuB	DfnB2	MmB2	MhyB2	So	StdAK
BdB	BdoB	DuB2	DfnB2	NeD3	NanD3	SoA	StdAK
BgG	BvoG	DxA	DfoA	NeE	NamF	Sp	StdAQ
BkE3	BobE5	ElA	EepA	NeF	NamF	SpA	StdAQ
BkE4	BobE5	ElB	EepB	NgD3	NanD3	SsB	StmB2
BnD2	HerE	ElB2	EepB	Od	OfbAK	SsB2	StmB2
BnD3	BnyD3	ElF	EepF	OdA	OfbAK	SsC	StmC
Bo	BodAH	GkG	GmaG	OgB	OfbAK	SsC2	StmC
BoA	BodAH	GnD	Ggfd	OtB2	HccB2	TlB	SoaB
Bp	BodAK	GnD2	Ggfd	OtC2	HcdC2	TlB2	SoaB
BpA	BodAK	GpD3	Ggfd	OtC3	HceC3	TlC2	SoaC2
Bu	BcrAK	HaA	HccA	OtF	EepF	TrC2	ThaC2
BuA	BcrAK	HaB2	HccB2	PeA	PcrA	TrC3	ThbC3
Cb	WprAK	HaC2	HcdC2	PeB	PcrB2	TrD2	ThdD
CcB2	CkkB2	HaC3	HceC3	PeB2	PcrB2	TrD3	ThcD3
CdC2	CldC2	HcB	HcfB	PeC2	PcrC2	TsC2	ThaC2
CdC3	CldC3	HdA	HcgAH	PeC3	PcrC3	TsD	ThdD
CeC3	CleC5	He	HcgAK	Pg	PhhA	TsD2	ThdD
CeC4	CleC5	HeA	HcgAK	PgA	PhhA	TsD3	ThcD3
Cf	ClfA	Hg	HcgAQ	Pp	PlpAH	TsE	ThdD
CfA	ClfA	HgA	HcgAQ	PpA	PlpAH	TtC2	ThaC2
CoC	ComC	HkE	HerE	Pt	Pml	TtC3	ThbC3
CoC2	ComC	HrE	HerE	Rad	ConD	TtD3	ThcD3
CoC3	ComC3	HsG	HeeG	RbC3	RblC3	TwD3	ThcD3
CoD	ConD	Ht	HleAK	RbD3	RblD3	TxC3	ThbD5
CoD2	ConD	HtA	HleAK	RcD3	RblD3	TxC4	ThbD5
CpC2	ComC	JeB2	JaeB2	RcD4	RbmD5	TzC3	ThbD5
CpC3	RbmD5	JeC2	JafC2	RoG3	RptG	TzD3	ThcD3
CrF	RptG	JeC3	JafC3	RsA	NaaA	TzD4	ThbD5
Cu	HcgAH	JeC4	CleC5	RsB2	NaaB2	TzE3	ThcD3
Cw	CwaAQ	JfB2	WedB2	Sf	StAH	Ud	Uaa
CwA	CwaAQ	JfC2	BfbC2	SfA	StAH	W	WcP
DeB2	DddB2	JfC3	BfcC3	Sg	StaAK	Wa	WaaAH

SCOTT COUNTY, INDIANA --Continued

Field symbol	Publi- cation symbol						
WaA	WaaAH						
Wb	WaaAK						
WbA	WaaAK						
WeD	WhcD						
Wr	WokAH						
WrA	WokAH						
Ws	WokAK						
WsA	WokAK						
Wt	WpuAH						
WtA	WpuAH						
Wu	WprAK						
WuA	WprAK						
WwA	WprAK						
Wz	WomAP						
WzA	WomAP						

Notes to accompany the classification and correlation of the soils of Scott County, Indiana, by William D. Hosteter and Byron Nagel.

- Beanblossom series The typical pedon is from Brown Co., Indiana (OSD).
- Bedford series The typical pedon is from Washington Co., Indiana (OSD).
- Blocher series The Blocher series is established by this correlation for soils without a fragipan that were formerly included in mapping with the Cincinnati and Jennings soils.
- Bonnell series The typical pedon is from Ohio Co., Indiana (OSD).
- Bonnie series The typical pedon is from Wayne Co., Illinois (OSD). In Scott Co. in cultivated areas, the reaction in the 10-20 inch part of the control section ranges to slightly acid because of liming. This difference does not significantly affect the use and management of these soils, and they are not taxadjuncts.
- Brownstown series The Brownstown series is established by this correlation for soils that are loamy-skeletal and have a lithic contact. They were formerly mapped as Muskingum soils.
- Coolville series The typical pedon is from Pike County, Ohio (OSD).
- Cuba series The typical pedon is from Dubois County, Indiana (OSD). Lab data indicates the pedon from Scott Co. to have a horizon with a sufficient clay increase and a coating (possibly clay) on ped faces to be an argillic horizon. This difference does not significantly affect the use and management of these soils, and they are not taxadjuncts.
- Deam series The Deam series is established by this correlation for soils that were formerly mapped as Kinderhook soils (inactive).
- Deputy series The typical pedon is from Jefferson County, Indiana (OSD).
- Elkinsville series The typical pedon is from Ripley County, Indiana (OSD).
- Gilwood series The typical pedon is from Jackson County, Indiana (OSD). The Gilwood series is established by this correlation for soils that were formerly mapped as Gilpin soils with a lithic contact.

Gnawbone series	The Gnawbone series is established by this correlation for soils that were formerly mapped as Gilpin soils with a paralithic contact.
Haubstadt series	The typical pedon is from Highland County, Ohio (OSD)
Haymond series	The typical pedon is from Knox County, Indiana (OSD).
Hickory series	The typical pedon is from Bond County, Illinois (OSD).
Holton series	The typical pedon is from Ripley County, Indiana (OSD).
Jessietown series	The typical pedon is from Marion, Kentucky (OSD).
Kurtz series	The typical pedon is from Jackson County, Indiana (OSD). The base saturation data dominantly indicates the classification of this series to be an Ultic Hapludalf. The particle-size data shows this series to be marginal fine-silty and fine family. One pedon indicates illitic mineralogy, but more data is needed before placing this soil in the illitic class.
Medora series	The typical pedon is from Jackson County, Indiana (OSD).
Nabb series	The Nabb series is established by this correlation for soils that were formerly mapped as Rossmoyne soils.
Negley series	The typical pedon is from Highland County, Ohio (OSD).
Oldenburg series	The typical pedon is from Franklin County, Indiana (OSD).
Pekin series	The typical pedon is from Washington County, Indiana (OSD).
Piopolis series	The typical pedon is from Hamilton County, Illinois (OSD). In Scott County, in the cultivated areas the reaction in the 10-20 inch part of the control section ranges to neutral because of liming. This difference does not significantly affect the use and management of these soils, and they are not taxadjuncts.
Rarden series	The typical pedon is from Jackson County, Ohio (OSD).

Rohan series The typical pedon is from Marion County, Kentucky (OSD).

Scottsburg series The Scottsburg series is established by this correlation for soils in the fine-silty family and have a root restrictive horizon. They were formerly mapped as Cana soils.

Shircliff series The Shircliff series is established by this correlation for soils that are fine-textured and do not have a fragipan that were formerly included in mapping with the Otwell soils.

Spickert series The typical pedon is from Jackson County, Indiana (OSD). The Spickert series is established by this correlation for soils with a lower base saturation that were formerly mapped as Zanesville soils.

Steff series The typical pedon is from Grayson County, Kentucky (OSD).

Stonehead series The typical pedon is from Jackson County, Indiana (OSD).

Trappist series The typical pedon is from Rowan County, Kentucky (OSD). Lab data from the Trappist soils in Scott County places 2 pedons in the fine-silty family and 2 pedons in the fine family. Lab data from Jefferson County places the soil in the fine family. Because there is no significant difference in use and management, the fine-silty pedons are considered to be map unit inclusions.

Wakeland series The typical pedon is from Knox County, Indiana (OSD).

Weddel series The Weddel series is established by this correlation for soils that were formerly mapped as Jennings, heavy substratum phase.

Wellrock series The typical pedon is from Brown County, Indiana (OSD). The Wellrock series is established by this correlation for soils that were formerly mapped as Wellston soils with a paralithic contact.

Whitcomb series The Whitcomb series is re-activated and established for soils that were formerly mapped as Whitcomb, but later included with the Avonburg series when Whitcomb was made inactive.

Wilbur series The typical pedon is from Gibson County, Indiana (OSD).

Wilhite series The typical pedon is from Pike County, Indiana.

Wirt series

The typical pedon is from Jefferson County, Indiana (OSD).

Wrays series

The Wrays series is established by this correlation for soils with a base saturation <35 percent and have a lithic contact. They were formerly included in mapping with Wellston soils.

SOIL SURVEY SCOTT COUNTY, INDIANA

CLASSIFICATION OF THE SOILS

Soil name	Family or higher taxonomic class
Avonburg-----	Fine-silty, mixed, mesic Aeric Fragiaqualfs
Bartle-----	Fine-silty, mixed, mesic Aeric Fragiaqualfs
Beanblossom--	Loamy-skeletal, mixed, mesic Fluventic Dystrochrepts
Bedford-----	Fine-silty, mixed, mesic Oxyaquic Fragiudalfs
Blocher-----	Fine-loamy, mixed, mesic Oxyaquic Hapludalfs
Bonnell-----	Fine, mixed, mesic Typic Hapludalfs
Bonnie-----	Fine-silty, mixed, acid, mesic Typic Fluvaquents
Brownstown--	Loamy-skeletal, mixed, mesic Typic Dystrochrepts
Cincinnati---	Fine-silty, mixed, mesic Oxyaquic Fragiudalfs
Cobbsfork----	Fine-silty, mixed, mesic Typic Glossaqualfs
Coolville----	Fine, mixed, mesic Aquultic Hapludalfs
Cuba-----	Fine-silty, mixed, mesic Fluventic Dystrochrepts
Deam-----	Fine, illitic, mesic Ultic Hapludalfs
Deputy-----	Fine-silty, mixed, mesic Aquic Hapludulfs
Dubois-----	Fine-silty, mixed, mesic Aeric Fragiaqualfs
Elkinsville	Fine-silty, mixed, mesic Ultic Hapludalfs
Gilwood-----	Fine-loamy, mixed, mesic Typic Hapludulfs
Gnawbone-----	Fine-silty, mixed, mesic Typic Hapludulfs
Haubstadt----	Fine-silty, mixed, mesic Aquic Fragiudalfs
Haymond-----	Coarse-silty, mixed, mesic Dystric Fluventic Eutrochrepts
Hickory-----	Fine-loamy, mixed, mesic Typic Hapludalfs
Holton-----	Coarse-loamy, mixed, nonacid, mesic Aeric Endoaquents
Jennings-----	Fine-silty, mixed, mesic Typic Fragiudulfs
Jessietown---	Fine-silty, mixed, mesic Typic Hapludulfs
Kurtz-----	Fine-silty, mixed, mesic Ultic Hapludalfs
Medora-----	Fine-silty, mixed, mesic Typic Fragiudulfs
Nabb-----	Fine-silty, mixed, mesic Aquic Fragiudalfs
Negley-----	Fine-loamy, mixed, mesic Typic Paleudalfs
Oldenburg----	Coarse-loamy, mixed, mesic Fluvaquentic Eutrochrepts
Pekin-----	Fine-silty, mixed, mesic Aquic Fragiudulfs
Peoga-----	Fine-silty, mixed, mesic Typic Epiqualfs
Piopolis----	Fine-silty, mixed, acid, mesic Typic Fluvaquents
Rarden-----	Fine, mixed, mesic Aquultic Hapludalfs
Rohan-----	Loamy-skeletal, mixed, mesic Lithic Dystrochrepts
Scottsburg---	Fine-silty, mixed, mesic Aquic Hapludulfs
Shircliff----	Fine, mixed, mesic Oxyaquic Hapludalfs
Spickert-----	Fine-silty, mixed, mesic Typic Fragiudulfs

CLASSIFICATION OF THE SOILS--Continued

Soil name	Family or higher taxonomic class
Steff-----	Fine-silty, mixed, mesic Fluvaquentic Dystrochrepts
Stendal-----	Fine-silty, mixed, acid, mesic Aeric Fluvaquents
Stonehead----	Fine-silty, mixed, mesic Oxyaquic HapludalFs
Trappist-----	Clayey, mixed, mesic Typic Hapludults
Udorthents---	Udorthents
Wakeland-----	Coarse-silty, mixed, nonacid, mesic Aeric Fluvaquents
Weddel-----	Fine-silty, mixed, mesic Oxyaquic HapludalFs
Wellrock-----	Fine-silty, mixed, mesic Ultic HapludalFs
Whitcomb-----	Fine-silty, mixed, mesic Aeric Endoaquults
Wilbur-----	Coarse-silty, mixed, mesic Fluvaquentic Eutrochrepts
Wilhite-----	Fine, mixed, nonacid, mesic Typic Fluvaquents
Wirt-----	Coarse-loamy, mixed, mesic Dystric Fluventic Eutrochrepts
Wrays-----	Fine-silty, mixed, mesic Typic Hapludults

General Soil Map Units

The following map units will be used on the general soil map legend:

Nabb - Cincinnati - Jennings
Haubstadt - Dubois - Peoga
Stendal - Steff - Bonnie
Gnawbone - Kurtz - Brownstown
Wrays - Spickert
Avonburg - Cobbsfork
Bedford

Certifications

The State Soil Scientist certifies that:

- a) The field mapping was completed in December 1991.
- b) Interpretations have been coordinated with adjoining survey areas.
- c) The location of all typical pedons in the survey area are correct and are within delineations that have the referenced name.
- d) All typical pedons are correctly classified according to Soil Taxonomy and its amendments.
- e) The soil maps are complete, accurate and consistent.
- f) Scott County has made a quality join with the following survey areas:

Jefferson County (published); the Jefferson County survey will accept the following Scott Co. map units. The correlation document for Jefferson County will not be amended at this time. A record of the changes is recorded on soil maps, and copies will be filed at the state office in the Jefferson County case file.

Map units that will be added to Jefferson Co. Soil Survey are:

BbhA	Bartle silt loam, 0 to 2 percent slopes
BnyD3	Bonnell clay loam, 12 to 22 percent slopes, severely eroded
BobE5	Bonnell - Hickory clay loams, 15 to 30 percent slopes, gullied

CldC2 Cincinnati - Blocher silt loams, 6 to 12 percent slopes, eroded

CldC3 Cincinnati - Blocher silt loams, 6 to 12 percent slopes, severely eroded

CleC5 Cincinnati - Blocher complex, 6 to 12 percent slopes, gullied

DfnA Dubois silt loam, 0 to 2 percent slopes

EepB Elkinsville silt loam, 2 to 6 percent slopes

HccB2 Haubstadt silt loam, 2 to 6 percent slopes, eroded

HerE Hickory -Bonnell complex, 12 to 25 percent slopes

HleAK Holton silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration

JafC2 Jennings - Blocher, hard bedrock substratum, silt loams 6 to 12 percent slopes, eroded

JafC3 Jennings - Blocher, hard bedrock substratum, silt loams, 6 to 12 percent slopes, severely eroded

MhyB2 Medora silt loam, 2 to 6 percent slopes, eroded

NaaA Nabb silt loam, 0 to 2 percent slopes

NaaB2 Nabb silt loam, 2 to 6 percent slopes, eroded

NanD3 Negley clay loam, 12 to 22 percent slopes, severely eroded

OfbAK Oldenburg loam, 0 to 2 percent slopes, occasionally flooded, very brief duration

PhhA Peoga silt loam, 0 to 1 percent slopes

SceA Scottsburg silt loam, 0 to 2 percent slopes

SceB2 Scottsburg silt loam, 2 to 4 percent slopes, eroded

ThaC2 Trappist silt loam, 6 to 12 percent slopes, eroded

ThbC3 Trappist silty clay loam, 6 to 12 percent slopes, severely eroded

ThcD3 Trappist - Rohan complex, 12 to 25 percent slopes, severely eroded

ThdD Trappist - Rohan silt loams, 12 to 25 percent slopes

Uaa Udorthents, cut and filled

WaaAK Wakeland silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration

WokAK Wilbur silt loam, 0 to 2 percent slopes, occasionally flooded. very brief duration

WprAK Wirt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration

WpuAH Wirt silt loam, 0 to 2 percent slopes, frequently flooded, brief duration

Washington County (published); The Washington County survey will accept the following Scott Co. map units. The correlation document for Washington Co. will not be amended at this time. A record of the changes is recorded on soil maps, and copies will be filed at the state office in the Washington County case file. Map units that will be added to Washington Co. soil survey are:

BbhA Bartle silt loam, 0 to 2 percent slopes

BcrAK Beanblossom silt loam, 1 to 3 percent slopes, occasionally flooded, very brief duration

BfbC2 Blocher, soft bedrock substratum - Weddel silt loams, 6 to 12 percent slopes, eroded

BfcC3 Blocher, soft bedrock substratum - Weddel complex, 6 to 12 percent slopes, severely eroded

BobE5 Bonnell - Hickory clay loams, 15 to 30 percent slopes, gullied

BvoG Brownstown - Gilwood silt loams, 25 to 75 percent slopes

CkkB2 Cincinnati silt loam, 2 to 6 percent slopes, eroded

CldC2 Cincinnati - Blocher silt loams, 6 to 12 percent slopes, eroded

CldC3 Cincinnati - Blocher silt loams, 6 to 12 percent slopes, severely eroded

CleC5 Cincinnati - Blocher complex, 6 to 12 percent slopes, gullied

ConD Coolville - Rarden complex, 12 to 18 percent slopes

GgfD Gilwood - Wrays silt loams, 6 to 18 percent slopes

GmaG Gnawbone - Kurtz silt loams, 20 to 60 percent slopes

HccB2 Haubstadt silt loam, 2 to 6 percent slopes, eroded

HcdC2 Haubstadt - Shircliff silt loams, 6 to 15 percent slopes, eroded

HerE Hickory - Bonnell complex, 12 to 25 percent slopes

HleAK Holton silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration

NaaB2 Nabb silt loam, 2 to 6 percent slopes, eroded

OfbAK Oldenburg loam, 0 to 2 percent slopes, occasionally flooded

PcrB2 Pekin silt loam, 2 to 6 percent slopes, eroded

PlpAH Piopolis silty clay loam, 0 to 1 percent slopes, frequently flooded, brief duration

StaAK Steff silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration

StaAQ Steff silt loam, 0 to 2 percent slopes, rarely flooded, very brief duration

SoaB Spickert silt loam, 2 to 6 percent slopes

SoaC2 Spickert silt loam, 6 to 12 percent slopes, eroded

WhcD Wellrock - Gnawbone silt loams, 6 to 20 percent slopes

WokAH Wilbur silt loam, 0 to 2 percent slopes, frequently flooded, brief duration

WomAP Wilhite silty clay loam, ponded, 0 to 1 percent slopes, frequently flooded, brief duration

Clark County (published; The Clark County soil survey has been placed in an extensive revision category. This survey is scheduled for updating, and a quality join was not made.

General Soil Map

A 1:250,000 STATSGO map was used as the base map for the general soil map. This map will be used to update all adjoining subsets. Therefore, a general soil map join was not made with the adjoining subsets.

Approval Signature and Date

Bill Hosteter 10/2/95
 Bill Hosteter / Date
 Acting State Soil Scientist

Robert L. Eddleman 10/10/95
 Robert L. Eddleman / Date
 State Conservationist