Indiana Nitrate Leaching Index
Martin County, Indiana: Detailed Soil Map Legend

Map symbol	Map unit name	Component	NLI	Rating
AbqD2	Adyeville silt loam, 12 to 18 percent slopes, eroded	Adyeville	7	Moderate
AbqD3	Adyeville silt loam, 12 to 18 percent slopes, severely eroded	Adyeville	7	Moderate
AbqE	Adyeville silt loam, 18 to 25 percent slopes	Adyeville	7	Moderate
AbqE3	Adyeville silt loam, 18 to 25 percent slopes, severely eroded	Adyeville	7	Moderate
AciG	Adyeville-Tipsaw complex, 20 to 60 percent slopes	Adyeville	7	Moderate
AclF	Adyeville-Tipsaw-Wellston complex, 18 to 50 percent slopes	Adyeville	7	Moderate
AcmE	Adyeville-Wellston silt loams, 18 to 25 percent slopes	Adyeville	7	Moderate
AcmF	Adyeville-Wellston silt loams, 18 to 50 percent slopes	Adyeville	7	Moderate
AgrB	Apalona-Zanesville silt loams, 2 to 6 percent slopes	Apalona	7	Moderate
AgrC2	Apalona-Zanesville silt loams, 6 to 12 percent slopes, eroded	Apalona	5	Moderate
AgrC3	Apalona-Zanesville silt loams, 6 to 12 percent slopes, severely eroded	Apalona	5	Moderate
AgyB	Apalona-Udorthents complex, 2 to 6 percent slopes	Apalona	7	Moderate
AgyC	Apalona-Udorthents complex, 6 to 12 percent slopes	Apalona	7	Moderate
AloB2	Ava silt loam, 2 to 6 percent slopes, eroded	Ava	7	Moderate
AmoC2	Alvin-Bloomfield loamy fine sands, 4 to 10 percent slopes, eroded	Alvin	16	High
AmoE	Alvin-Bloomfield loamy fine sands, 15 to 35 percent slopes	Alvin	16	High
BbhA	Bartle silt loam, 0 to 2 percent slopes	Bartle	7	Moderate
BgeAH	Birds silt loam, 0 to 1 percent slopes, frequently flooded, brief duration	Birds	10	High
BgeAW	Birds silt loam, 0 to 1 percent slopes, occasionally flooded, very brief duration	Birds	10	High
BodAH	Bonnie silt loam, 0 to 1 percent slopes, frequently flooded, brief duration	Bonnie	7	Moderate
BodAW	Bonnie silt loam, 0 to 1 percent slopes, occasionally flooded, very brief duration	Bonnie	7	Moderate
CcaG	Caneyville-Rock outcrop complex, 25 to 60 percent slopes	Caneyville	7	Moderate
CkkC2	Cincinnati silt loam, Wabash Lowland, 6 to 12 percent slopes, eroded	Cincinnati	7	Moderate

Indiana Nitrate Leaching Index--Continued
Martin County, Indiana: Detailed Soil Map Legend

Map symbol	Map unit name	Component	NLI	Rating
CkkC3	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded	Cincinnati	5	Moderate
CktF	Chetwynd loam, 18 to 35 percent slopes	Chetwynd	10	High
CtwD2	Crider-Caneyville silt loams, 12 to 18 percent slopes, eroded	Crider	10	High
CwaAH	Cuba silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Cuba	10	High
CxhC2	Crider-Haggatt silt loams, 6 to 12 percent slopes, eroded	Crider	10	High
DfnA	Dubois silt loam, 0 to 2 percent slopes	Dubois	7	Moderate
Dru	Dumps, gypsum mine	Dumps	0	Not Rated
EaaC2	Ebal silt loam, 6 to 12 percent slopes, eroded	Ebal	7	Moderate
EbdD2	Ebal-Wellston silt loams, 10 to 18 percent slopes, eroded	Ebal	7	Moderate
EepB	Elkinsville silt loam, 2 to 6 percent slopes	Elkinsville	10	High
GacAW	Gatchel loam, 1 to 3 percent slopes, occasionally flooded, very brief duration	Gatchel	16	High
GmsF	Greybrook silt loam, 18 to 40 percent slopes	Greybrook	7	Moderate
HccB2	Haubstadt silt loam, 2 to 6 percent slopes, eroded	Haubstadt	7	Moderate
HcgAH	Haymond silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Haymond	10	High
HcgAW	Haymond silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Haymond	10	High
HdbC2	Haubstadt silt loam, 6 to 15 percent slopes, eroded	Haubstadt	7	Moderate
HdbC3	Haubstadt silt loam, 6 to 15 percent slopes, severely eroded	Haubstadt	5	Moderate
HeoD3	Hickory silt loam, 12 to 18 percent slopes, severely eroded	Hickory	10	High
HhrE2	Hickory silt loam, 12 to 25 percent slopes, eroded	Hickory	10	High
HtwD2	Haggatt-Caneyville silt loams, 12 to 25 slopes, eroded	Haggatt	7	Moderate
MdvC3Q	Markland silty clay loam, 6 to 15 percent slopes, severely eroded, rarely flooded	Markland	7	Moderate
MecA	Martinsville loam, 0 to 2 percent slopes	Martinsville	10	High
MecAQ	Martinsville loam, 0 to 2 percent slopes, rarely flooded	Martinsville	10	High
MfkBQ	Martinsville sandy loam, 2 to 10 percent slopes, rarely flooded	Martinsville	10	High
MikA	McGary silty clay loam, 0 to 2 percent slopes	McGary	7	Moderate

Indiana Nitrate Leaching Index--Continued
Martin County, Indiana: Detailed Soil Map Legend

Map symbol	Map unit name	Component	NLI	Rating
MikAQ	McGary silty clay loam, 0 to 2 percent slopes, rarely flooded	McGary	7	Moderate
MrcG	Minnehaha parachannery silty clay loam, 35 to 75 percent slopes	Minnehaha	16	High
MvnAH	Moundhaven loamy sand, 0 to 2 percent slopes, frequently flooded, brief duration	Moundhaven	16	High
NaeB	Nawakwa silt loam, 2 to 8 percent slopes	Nawakwa	5	Moderate
NaeD	Nawakwa silt loam, 8 to 20 percent slopes	Nawakwa	5	Moderate
NaeF	Nawakwa silt loam, 20 to 35 percent slopes	Nawakwa	5	Moderate
NbhAH	Newark silt loam, 0 to 2 percent slopes, frequently flooded	Newark	10	High
NprAH	Nolin silt loam, 0 to 2 percent slopes, frequently flooded	Nolin	10	High
OmrE	Orthents, 6 to 25 percent slopes	Typic Udorthents	5	Moderate
Omz	Orthents, earthen dam	Orthents	0	Not Rated
PbbC2	Parke silt loam, 6 to 12 percent slopes, eroded	Parke	10	High
PbbD2	Parke silt loam, 12 to 18 percent slopes, eroded	Parke	10	High
PcrB	Pekin silt loam, 2 to 6 percent slopes	Pekin	7	Moderate
PcrC2	Pekin silt loam, 6 to 12 percent slopes, eroded	Pekin	7	Moderate
PhaA	Peoga silt loam, 0 to 1 percent slopes	Peoga	7	Moderate
PhwB	Percell silt loam, 2 to 6 percent slopes	Percell	7	Moderate
PlcAV	Piankeshaw silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration	Piankeshaw	10	High
PlfB	Pike silt loam, 2 to 6 percent slopes	Pike	10	High
PryB	Potawatomi silt loam, 1 to 3 percent slopes	Potawatomi	7	Moderate
SfoA	Shakamak silt loam, 1 to 3 percent slopes	Shakamak	7	Moderate
SfvB2	Shircliff silty clay loam, 2 to 6 percent slopes, eroded	Shircliff	7	Moderate
StaAW	Steff silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Steff	10	High
StdAW	Stendal silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Stendal	10	High
UcuA	Udorthents, loamy	Udorthents	0	Not Rated
Usl	Udorthents, rubbish	Udorthents	0	Not Rated

Indiana Nitrate Leaching Index--Continued
Martin County, Indiana: Detailed Soil Map Legend

Map symbol	Map unit name	Component	NLI	Rating
VdgA	Vigo silt loam, 0 to 2 percent slopes	Vigo	7	Moderate
W	Water	Water	0	Not Rated
WaaAH	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Wakeland	10	High
WaaAW	Wakeland silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Wakeland	10	High
WhfB	Wellston silt loam, 2 to 6 percent slopes	Wellston	10	High
WhfC2	Wellston silt loam, 6 to 12 percent slopes, eroded	Wellston	7	Moderate
WhfD2	Wellston silt loam, 12 to 18 percent slopes, eroded	Wellston	10	High
WhfD3	Wellston silt loam, 12 to 18 percent slopes, severely eroded	Wellston	10	High
WokAH	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Wilbur	10	High
WokAW	Wilbur silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Wilbur	10	High
WozD5	Wellston silt loam, 10 to 18 percent slopes, gullied	Wellston	10	High
WpfG	Wellston-Tipsaw-Adyeville complex, 18 to 70 percent slopes	Wellston	10	High
WpnE	Wellston-Adyeville complex, 12 to 30 percent slopes	Wellston	10	High
WpoD2	Wellston-Adyeville silt loams, 12 to 18 percent slopes, eroded	Wellston	10	High
WppD2	Wellston-Adyeville-Ebal silt loams, 12 to 18 percent slopes, eroded	Wellston	10	High
WprAH	Wirt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Wirt	10	High
WpvD	Wellston-Udorthents complex, 12 to 18 percent slopes	Wellston	10	High
ZcaAQ	Zipp silty clay, 0 to 1 percent slopes, rarely flooded	Zipp	7	Moderate

Nitrate Leaching Index

Nitrate Leaching Index (NLI) was developed using annual precipitation, rainfall distribution data and hydrologic soil groups. The NLI is used to determine the degree to which water percolates below the crop rooting zone in certain soils.

Rating classes
LI 0 Not Rated
LI 1 - 2 Low probability for leaching loss.
LI 3 - 9 Moderate probability for leaching loss.
LI 10+ High probability for leaching loss.