

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

Map symbol	Map unit name	Component	NLI	Rating
AeoB2	Alford silt loam, 2 to 6 percent slopes, eroded	Alford	16	High
AeoC2	Alford silt loam, 6 to 12 percent slopes, eroded	Alford	16	High
AgzB	Apalona-Zanesville silt loams, 2 to 6 percent slopes	Apalona	10	High
BbhA	Bartle silt loam, 0 to 2 percent slopes	Bartle	10	High
BcrAW	Beanblossom silt loam, 1 to 3 percent slopes, occasionally flooded, very brief duration	Beanblossom	16	High
BdoA	Bedford silt loam, 0 to 2 percent slopes	Bedford	10	High
BdoB	Bedford silt loam, 2 to 6 percent slopes	Bedford	10	High
BkeC2	Bloomfield-Alvin complex, 6 to 15 percent slopes, eroded	Bloomfield	22	High
BuoA	Bromer silt loam, 0 to 2 percent slopes	Bromer	10	High
BvsG	Brussels-Rock outcrop complex, 35 to 90 percent slopes, rubbly	Brussels	10	High
CbrD2	Caneyville-Haggatt-Knobcreek silt loams, karst, hilly, eroded	Caneyville	10	High
CbsD3	Caneyville-Haggatt-Knobcreek complex, karst, hilly, severely eroded	Caneyville	10	High
CbxD4	Caneyville-Haggatt silty clay loams, karst, rolling, very severely eroded, very rocky	Caneyville	10	High
CcaG	Caneyville-Rock outcrop complex, 25 to 60 percent slopes	Caneyville	10	High
CtaB	Crider silt loam, karst, undulating	Crider	16	High
CteC2	Crider-Vertrees silt loams, karst, rolling, eroded	Crider	16	High
CtwB	Crider-Bedford-Navilleton silt loams, 2 to 6 percent slopes	Crider	16	High
DeaC2	Deuchars-Apalona-Wellston silt loams, 6 to 12 percent slopes, eroded	Deuchars	10	High
DeaC3	Deuchars-Apalona-Wellston silt loams, 6 to 12 percent slopes, severely eroded	Deuchars	10	High
EbhD2	Ebal-Gilpin-Wellston silt loams, 10 to 22 percent slopes, eroded	Ebal	10	High
EbhD3	Ebal-Gilpin-Wellston silt loams, 10 to 22 percent slopes, severely eroded	Ebal	8	Moderate
EepA	Elkinsville silt loam, 0 to 2 percent slopes	Elkinsville	10	High
EepB2	Elkinsville silt loam, 2 to 6 percent slopes, eroded	Elkinsville	16	High
EepC2	Elkinsville silt loam, 6 to 12 percent slopes, eroded	Elkinsville	16	High

Indiana Nitrate Leaching Index--Continued
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EepGQ	Elkinsville silt loam, 25 to 60 percent slopes, rarely flooded	Elkinsville	16	High
EesA	Elkinsville-Millstone complex, 0 to 2 percent slopes	Elkinsville	16	High
EesB	Elkinsville-Millstone complex, 2 to 6 percent slopes	Elkinsville	16	High
EesC2	Elkinsville-Millstone complex, 6 to 12 percent slopes, eroded	Elkinsville	16	High
EesFQ	Elkinsville-Millstone complex, 18 to 40 percent slopes, rarely flooded	Elkinsville	16	High
GacAW	Gatchel loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Gatchel	22	High
GbgB2	Gatton silt loam, 2 to 6 percent slopes, eroded	Gatton	10	High
GbgC2	Gatton silt loam, 6 to 12 percent slopes, eroded	Gatton	10	High
GbgC3	Gatton silt loam, 6 to 12 percent slopes, severely eroded	Gatton	10	High
GfcF	Gilpin-Tipsaw-Ebal complex, 18 to 35 percent slopes, stony	Gilpin	10	High
GgbG	Gilwood-Brownstown silt loams, 25 to 75 percent slopes	Gilwood	10	High
GmaG	Gnawbone-Kurtz silt loams, 20 to 60 percent slopes	Gnawbone	10	High
HcaA	Hatfield silt loam, 0 to 2 percent slopes	Hatfield	10	High
HcgAH	Haymond silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Haymond	16	High
HcgAW	Haymond silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Haymond	16	High
HcpAP	Haymond silt loam, depression, 0 to 2 percent slopes, frequently ponded, very brief duration	Haymond	16	High
HufAH	Huntington silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Huntington	16	High
HufAK	Huntington silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration	Huntington	16	High
JoaA	Johnsburg silt loam, 0 to 2 percent slopes	Johnsburg	10	High
KunAW	Kintner loam, 1 to 3 percent slopes, occasionally flooded, very brief duration	Kintner	10	High
KxkC2	Knobcreek-Navilleton silt loams, 6 to 12 percent slopes, eroded	Knobcreek	10	High
KxlC3	Knobcreek-Haggatt-Caneyville complex, 6 to 12 percent slopes, severely eroded	Knobcreek	10	High

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
KxlE3	Knobcreek-Haggatt-Caneyville complex, 12 to 25 percent slopes, severely eroded	Knobcreek	10	High
KxmE2	Knobcreek-Haggatt-Caneyville silt loams, 12 to 25 percent slopes, eroded	Knobcreek	10	High
KxoC2	Knobcreek-Navilleton-Haggatt silt loams, karst, rolling, eroded	Knobcreek	10	High
KxpD2	Knobcreek-Haggatt-Caneyville silt loams, karst, hilly, eroded	Knobcreek	10	High
KxrC3	Knobcreek-Navilleton-Haggatt complex, karst, rolling, severely eroded	Knobcreek	10	High
KxsD3	Knobcreek-Haggatt-Caneyville complex, karst, hilly, severely eroded	Knobcreek	10	High
KxtC2	Knobcreek-Haggatt-Caneyville silt loams, karst, rolling, eroded	Knobcreek	10	High
KxtC3	Knobcreek-Haggatt-Caneyville complex, karst, rolling, severely eroded	Knobcreek	10	High
LaaA	Laconia silt loam, 0 to 1 percent slopes	Laconia	10	High
LpoAK	Lindside silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration	Lindside	16	High
LpoAQ	Lindside silt loam, 0 to 2 percent slopes, rarely flooded	Lindside	16	High
McngQ	Markland silt loam, 18 to 50 percent slopes, rarely flooded	Markland	10	High
MdlD2	Markland silt loam, 6 to 18 percent slopes, eroded	Markland	10	High
MdwD3	Markland silty clay loam, 6 to 18 percent slopes, severely eroded	Markland	10	High
MhuA	McGary silt loam, 0 to 2 percent slopes	McGary	10	High
NbhAK	Newark silt loam, 0 to 2 percent slopes, occasionally flooded	Newark	16	High
NbhAQ	Newark silt loam, 0 to 2 percent slopes, rarely flooded	Newark	10	High
NprAQ	Nolin silt loam, 0 to 2 percent slopes, rarely flooded	Nolin	16	High
Omz	Orthents, earthen dam	Orthents	0	Not Rated
PcrA	Pekin silt loam, 0 to 2 percent slopes	Pekin	10	High
PcrB2	Pekin silt loam, 2 to 6 percent slopes, eroded	Pekin	10	High
PhwB2	Percell silt loam, 2 to 6 percent slopes, eroded	Percell	10	High
Pml	Pits, quarry	Pits, quarry	0	Not Rated

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
Ppu	Pits, sand and gravel	Pits, sand and gravel	0	Not Rated
RmcE	Riney loam, 12 to 35 percent slopes	Riney	16	High
ScbA	Sciotoville silt loam, 0 to 2 percent slopes	Sciotoville	10	High
ScbB2	Sciotoville silt loam, 2 to 6 percent slopes, eroded	Sciotoville	10	High
SfyB	Shircliff silt loam, 0 to 2 percent slopes	Shircliff	10	High
Uaa	Udorthents, cut and filled	Udorthents	0	Not Rated
UekAQ	Urban land-Elkinsville-Haymond complex, 0 to 6 percent slopes, rarely flooded	Elkinsville	16	High
UflC	Urban land-Crider-Vertrees complex, karst, rolling	Crider	16	High
Unsb	Urban land-Udarents, clayey substratum complex, hills, 2 to 12 percent slopes	Udarents	10	High
Usl	Udorthents, rubbish	Udorthents	0	Not Rated
VcaC3	Vertrees-Crider-Caneyville complex, karst, rolling, severely eroded	Vertrees	10	High
VcbD2	Vertrees-Crider-Caneyville silt loams, karst, hilly, eroded	Vertrees	10	High
VccD3	Vertrees-Haggatt-Caneyville complex, karst, hilly, severely eroded	Vertrees	10	High
W	Water	Water	0	Not Rated
WbkAP	Wilbur-Newark silt loams, depression, 0 to 2 percent slopes, frequently ponded, very brief duration	Wilbur	8	Moderate
WycAQ	Woodmere silt loam, 0 to 3 percent slopes, rarely flooded	Woodmere	10	High

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.