

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

Map symbol	Map unit name	Component	NLI	Rating
AfB2	Alford silt loam, 2 to 5 percent slopes, moderately eroded	Alford	13	High
AfC2	Alford silt loam, 6 to 12 percent slopes, eroded	Alford	13	High
AhC3	Alford soils, 5 to 8 percent slopes, severely eroded	Alford	13	High
Al	Allison silty clay loam	Allison	13	High
Ar	Armiesburg silty clay loam	Armiesburg	13	High
As	Ayrshire fine sandy loam	Ayrshire	13	High
Bp	Bonpas silty clay loam	Bonpas	8	Moderate
CaA	Camden loam, 0 to 2 percent slopes	Camden	13	High
CaB	Camden loam, 2 to 5 percent slopes	Camden	13	High
CdA	Camden silt loam, 0 to 2 percent slopes	Camden	13	High
CdB	Camden silt loam, 2 to 5 percent slopes	Camden	13	High
CdC2	Camden silt loam, 5 to 8 percent slopes, moderately eroded	Camden	13	High
ChB	Chelsea loamy fine sand, 2 to 5 percent slopes	Chelsea	19	High
ChC	Chelsea loamy fine sand, 5 to 8 percent slopes	Chelsea	19	High
ChD	Chelsea loamy fine sand, 8 to 15 percent slopes	Chelsea	19	High
ChF	Chelsea loamy fine sand, 15 to 40 percent slopes	Chelsea	19	High
CnD2	Cincinnati-Hickory complex, 8 to 15 percent slopes, moderately eroded	Cincinnati	8	Moderate
CnD3	Cincinnati-Hickory complex, 8 to 15 percent slopes, severely eroded	Cincinnati	8	Moderate
Cp	Clay pits	Clay pits	0	Not Rated
Ea	Eel loam	Eel	8	Moderate
Eb	Eel loam, high bottom	Eel	8	Moderate
El	Eel silt loam	Eel	8	Moderate
Em	Eel silt loam, high bottom	Eel	8	Moderate
En	Eel silty clay loam	Eel	8	Moderate
EoA	Elston loam, 0 to 3 percent slopes	Elston	19	High
EsA	Elston sandy loam, 0 to 3 percent slopes	Elston	19	High
EsC2	Elston sandy loam, 5 to 8 percent slopes, moderately eroded	Elston	19	High

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

Map symbol	Map unit name	Component	NLI	Rating
FcA	Fincastle silt loam, Tipton Till Plain, 0 to 2 percent slopes	Fincastle	13	High
FcB	Fincastle silt loam, 2 to 5 percent slopes	Fincastle	13	High
FmA	Fox loam, 0 to 2 percent slopes	Fox	13	High
FmB	Fox loam, 2 to 6 percent slopes	Fox	13	High
FmC2	Fox loam, 5 to 8 percent slopes, moderately eroded	Fox	13	High
FmD2	Fox loam, 8 to 15 percent slopes, moderately eroded	Fox	13	High
FsA	Fox sandy loam, 0 to 2 percent slopes	Fox	13	High
FsB	Fox sandy loam, 2 to 5 percent slopes	Fox	13	High
FsC	Fox sandy loam, 5 to 8 percent slopes	Fox	13	High
FsD2	Fox sandy loam, 8 to 15 percent slopes, moderately eroded	Fox	13	High
FtA	Fox silt loam, 0 to 2 percent slopes	Fox	13	High
FtB	Fox silt loam, 2 to 5 percent slopes	Fox	13	High
FtD2	Fox silt loam, 8 to 15 percent slopes, moderately eroded	Fox	13	High
Gf	Genesee fine sandy loam	Genesee	19	High
Gh	Genesee loam	Genesee	13	High
Gm	Genesee loam, high bottom	Genesee	13	High
Gn	Genesee silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Genesee	13	High
Go	Genesee silt loam, high bottom	Genesee	13	High
Gr	Gravel pits	Pits, gravel	0	Not Rated
HnF	Hennepin association, 30 to 60 percent slopes	Hennepin	8	Moderate
HrE2	Hennepin-Russell complex, 15 to 30 percent slopes, moderately eroded	Hennepin	8	Moderate
HsE	Hickory complex, 15 to 30 percent slopes	Hickory	8	Moderate
HsF	Hickory complex, 30 to 70 percent slopes	Hickory	8	Moderate
Hu	Huntsville silt loam	Huntsville	13	High
IvA	Iva silt loam, 0 to 2 percent slopes	Iva	13	High
IvB	Iva silt loam, 2 to 5 percent slopes	Iva	8	Moderate
Lm	Linwood muck	Linwood	13	High

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

Map symbol	Map unit name	Component	NLI	Rating
Mp	Mine pits and dumps	Mine pits and dumps	0	Not Rated
NsE	Negley soils, 15 to 60 percent slopes	Negley	19	High
OaA	Ockley loam, 0 to 2 percent slopes	Ockley	13	High
OaB	Ockley loam, 2 to 5 percent slopes	Ockley	13	High
OcA	Ockley silt loam, 0 to 2 percent slopes	Ockley	13	High
OcB	Ockley silt loam, 2 to 6 percent slopes	Ockley	13	High
OcC2	Ockley silt loam, 5 to 8 percent slopes, moderately eroded	Ockley	13	High
Omz	Orthents, earthen dam	Orthents	0	Not Rated
PaB	Parke silt loam, 2 to 5 percent slopes	Parke	13	High
PaC2	Parke silt loam, 5 to 8 percent slopes, moderately eroded	Parke	13	High
PaD2	Parke silt loam, 8 to 15 percent slopes, moderately eroded	Parke	13	High
PrA	Princeton fine sandy loam, 0 to 2 percent slopes	Princeton	13	High
PrB	Princeton fine sandy loam, 2 to 5 percent slopes	Princeton	13	High
PrC2	Princeton fine sandy loam, 5 to 8 percent slopes, moderately eroded	Princeton	13	High
PrD2	Princeton fine sandy loam, 8 to 15 percent slopes, moderately eroded	Princeton	13	High
PrE	Princeton fine sandy loam, 15 to 30 percent slopes	Princeton	13	High
Ra	Ragsdale silt loam	Ragsdale	13	High
Rc	Ragsdale silty clay loam, 0 to 2 percent slopes	Ragsdale	13	High
ReA	Reesville silt loam, 0 to 2 percent slopes	Reesville	8	Moderate
ReB	Reesville silt loam, 2 to 5 percent slopes	Reesville	13	High
RoE	Rodman gravelly soils, 15 to 30 percent slopes	Rodman	19	High
RoF	Rodman gravelly soils, 30 to 70 percent slopes	Rodman	19	High
RsB	Russell loam, 2 to 5 percent slopes	Russell	13	High
RsC	Russell loam, 5 to 8 percent slopes	Russell	13	High
RtB2	Russell silt loam, 2 to 6 percent slopes, eroded	Russell	13	High
RtC2	Russell silt loam, 5 to 8 percent slopes, moderately eroded	Russell	13	High
RtD2	Russell silt loam, 8 to 15 percent slopes, moderately eroded	Russell	13	High

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

Map symbol	Map unit name	Component	NLI	Rating
RuB3	Russell soils, 2 to 5 percent slopes, severely eroded	Russell	13	High
RuC3	Russell soils, 5 to 8 percent slopes, severely eroded	Russell	13	High
RuD3	Russell soils, 8 to 15 percent slopes, severely eroded	Russell	13	High
Sb	Shoals silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Shoals	13	High
ShA	Sleeth loam, loamy substratum, 0 to 2 percent slopes	Sleeth	13	High
SmA	Sleeth silt loam, loamy substratum, 0 to 2 percent slopes	Sleeth	13	High
St	Steep stony and rocky land	Steep and rocky land	0	Not Rated
W	Water	Water	0	Not Rated
WbA	Warsaw loam, 0 to 2 percent slopes	Warsaw	13	High
WbB	Warsaw loam, 2 to 5 percent slopes	Warsaw	13	High
WbC2	Warsaw loam, 5 to 8 percent slopes, moderately eroded	Warsaw	13	High
WcA	Warsaw silt loam, 0 to 2 percent slopes	Warsaw	13	High
WcB	Warsaw silt loam, 2 to 5 percent slopes	Warsaw	13	High
Wd	Westland loam, loamy substratum	Westland	13	High
Wo	Westland silt loam	Westland	13	High
Wp	Westland silty clay loam	Westland	13	High
Wr	Westland silty clay loam, loamy substratum	Westland	13	High
Ww	Whitson silt loam	Whitson	8	Moderate
Zc	Zipp silty clay loam	Zipp	8	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.