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

Map symbol	Map unit name	Component	NLI	Rating
AdB	Ade loamy fine sand, 2 to 6 percent slopes	Ade	21	High
AlA	Alford silt loam, 0 to 2 percent slopes	Alford	13	High
AlB2	Alford silt loam, 2 to 5 percent slopes, eroded	Alford	13	High
AlC2	Alford silt loam, 5 to 10 percent slopes, eroded	Alford	13	High
AlD3	Alford silt loam, 10 to 18 percent slopes, severely eroded	Alford	13	High
AnB	Alvin fine sandy loam, 2 to 6 percent slopes	Alvin	21	High
AnC	Alvin fine sandy loam, 6 to 12 percent slopes	Alvin	21	High
AnD	Alvin fine sandy loam, 12 to 18 percent slopes	Alvin	21	High
Ar	Armiesburg silty clay loam, rarely flooded	Armiesburg	13	High
Ay	Ayrshire fine sandy loam	Ayrshire	13	High
Bd	Birds silt loam, rarely flooded	Birds	13	High
BlB	Bloomfield loamy fine sand, 2 to 10 percent slopes	Bloomfield	21	High
BlD	Bloomfield loamy fine sand, 12 to 18 percent slopes	Bloomfield	21	High
ChC	Chelsea loamy fine sand, 4 to 10 percent slopes	Chelsea	21	High
ClF	Chetwynd loam, 25 to 50 percent slopes	Chetwynd	13	High
CoA	Conotton sandy loam, 0 to 3 percent slopes	Conotton	21	High
Du	Dumps, mine	Dumps	0	Not Rated
Ed	Edwards variant muck, drained	Edwards variant	10	High
EkA	Elkinsville silt loam, 0 to 2 percent slopes	Elkinsville	13	High
ElA	Elston sandy loam, 0 to 3 percent slopes	Elston	21	High
FaB	Fairpoint parachannery silt loam, 0 to 8 percent slopes	Fairpoint	7	Moderate
FbG	Fairpoint very parachannery silt loam, 35 to 90 percent slopes	Fairpoint	21	High
Ha	Haymond silt loam, frequently flooded	Haymond	13	High
Hb	Haymond silt loam, rarely flooded	Haymond	13	High
Hc	Haymond variant loamy sand, frequently flooded	Haymond variant	13	High
HeA	Henshaw silt loam, 0 to 2 percent slopes	Henshaw	10	High
HkF	Hickory loam, 25 to 50 percent slopes	Hickory	13	High
HoA	Hosmer silt loam, 0 to 2 percent slopes	Hosmer	10	High

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

Map symbol	Map unit name	Component	NLI	Rating
HoB2	Hosmer silt loam, 2 to 5 percent slopes, eroded	Hosmer	10	High
HoC3	Hosmer silt loam, 5 to 10 percent slopes, severely eroded	Hosmer	10	High
HoD3	Hosmer silt loam, 10 to 18 percent slopes, severely eroded	Hosmer	7	Moderate
IoA	Iona silt loam, 0 to 2 percent slopes	Iona	10	High
IvA	Iva silt loam, 0 to 2 percent slopes	Iva	13	High
Kn	Kings silty clay	Kings	7	Moderate
La	Landes loamy sand, rarely flooded	Landes	21	High
Lo	Lomax loam, rarely flooded	Lomax	21	High
Ly	Lyles fine sandy loam	Lyles	13	High
MbB2	Markland silt loam, 2 to 6 percent slopes, eroded	Markland	10	High
McA	McGary silt loam, 0 to 2 percent slopes	McGary	10	High
No	Nolin silty clay loam, rarely flooded	Nolin	13	High
Pb	Patton silt loam	Patton	10	High
Pg	Peoga variant silt loam	Peoga variant	10	High
Po	Petrolia silty clay loam, frequently flooded	Petrolia	10	High
PsA	Proctor silt loam, 0 to 2 percent slopes	Proctor	13	High
Ra	Ragsdale silt loam	Ragsdale	13	High
ReA	Reesville silt loam, 0 to 2 percent slopes	Reesville	13	High
Sa	Selma loam	Selma	13	High
Sc	Selma clay loam	Selma	13	High
SdA	Stockland sandy loam, 0 to 2 percent slopes	Stockland	21	High
SyB2	Sylvan silt loam, 2 to 6 percent slopes, eroded	Sylvan	13	High
SyC3	Sylvan silt loam, 6 to 12 percent slopes, severely eroded	Sylvan	13	High
SyD3	Sylvan silt loam, 12 to 18 percent slopes, severely eroded	Sylvan	13	High
SyF	Sylvan silt loam, 25 to 40 percent slopes	Sylvan	13	High
UdB	Udorthents, gently sloping	Udorthents	0	Not Rated
Vn	Vincennes loam	Vincennes	10	High
Vo	Vincennes clay loam, gravelly substratum	Vincennes	10	High
W	Water	Water	0	Not Rated

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

Map symbol	Map unit name	Component	NLI	Rating
Wa	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	Wakeland	13	High
Wb	Wallkill silt loam, undrained	Wallkill	13	High
Wc	Wallkill silt loam, clayey substratum, drained	Wallkill	13	High
Zp	Zipp silty clay, 0 to 2 percent slopes	Zipp	10	High
Zt	Zipp silty clay, frequently 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.