

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

Map symbol	Map unit name	Component	NLI	Rating
AlA	Alford silt loam, 0 to 2 percent slopes	Alford	15	High
AlB2	Alford silt loam, 2 to 5 percent slopes, eroded	Alford	15	High
AlB3	Alford silt loam, 2 to 5 percent slopes, severely eroded	Alford	15	High
AlC2	Alford silt loam, 5 to 10 percent slopes, eroded	Alford	15	High
AlC3	Alford silt loam, 5 to 10 percent slopes, severely eroded	Alford	15	High
AlD	Alford silt loam, 10 to 18 percent slopes	Alford	15	High
AlD3	Alford silt loam, 10 to 18 percent slopes, severely eroded	Alford	15	High
AlE	Alford silt loam, 18 to 35 percent slopes	Alford	15	High
Ar	Armiesburg silt loam, frequently flooded	Armiesburg	15	High
As	Armiesburg silt loam, rarely flooded	Armiesburg	15	High
Bd	Birds silt loam, frequently flooded	Birds	15	High
BlB	Bloomfield loamy fine sand, 2 to 6 percent slopes	Bloomfield	21	High
BlC	Bloomfield loamy fine sand, 6 to 12 percent slopes	Bloomfield	21	High
BlD	Bloomfield loamy fine sand, 12 to 18 percent slopes	Bloomfield	21	High
BlF	Bloomfield loamy fine sand, 18 to 35 percent slopes	Bloomfield	21	High
Du	Dumps, mine	Dumps	0	Not Rated
EkA	Elkinsville silt loam, 0 to 2 percent slopes, rarely flooded	Elkinsville	15	High
EkB2	Elkinsville silt loam, 2 to 6 percent slopes, eroded, rarely flooded	Elkinsville	15	High
Ev	Evansville silt loam, rarely flooded	Evansville	15	High
Ge	Genesee loam, frequently flooded	Genesee	15	High
Gn	Ginat silt loam, rarely flooded	Ginat	10	High
Ha	Haymond silt loam, wet substratum, frequently flooded	Haymond	15	High
HeA	Henshaw silt loam, 0 to 2 percent slopes, rarely flooded	Henshaw	10	High
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
IoB2	Iona silt loam, 2 to 6 percent slopes, eroded	Iona	10	High

Indiana Nitrate Leaching Index--Continued  
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Map symbol	Map unit name	Component	NLI	Rating
IoB3	Iona silt loam, 2 to 6 percent slopes, severely eroded	Iona	10	High
Ju	Junius loamy sand	Junius	21	High
Ld	Landes sandy loam, occasionally flooded	Landes	21	High
Ly	Lyles sandy loam	Lyles	15	High
Mc	McAdoo silt loam, frequently flooded	McAdoo	15	High
Nk	Newark silty clay loam, frequently flooded	Newark	15	High
OnA	Onarga fine sandy loam, 0 to 2 percent slopes, rarely flooded	Onarga	21	High
Pa	Patton silty clay loam, rarely flooded	Patton	10	High
PeA	Pekin silt loam, 0 to 2 percent slopes, rarely flooded	Pekin	10	High
PeB2	Pekin silt loam, 2 to 6 percent slopes, eroded, rarely flooded	Pekin	10	High
Pg	Peoga silt loam, rarely flooded	Peoga	10	High
Ph	Petrolia silty clay loam, frequently flooded	Petrolia	10	High
PnB	Plainfield loamy fine sand, warm, 0 to 6 percent slopes	Plainfield	21	High
Ppu	Pits, sand and gravel	Pits, sand and gravel	0	Not Rated
PrB2	Princeton loam, 2 to 6 percent slopes, eroded	Princeton	15	High
PrC2	Princeton loam, 6 to 12 percent slopes, eroded	Princeton	15	High
Ps	Psamments, frequently flooded	Psamments	21	High
Ra	Ragsdale silt loam	Ragsdale	15	High
Rh	Rahm silt loam, occasionally flooded	Rahm	10	High
RlA	Reesville silt loam, 0 to 2 percent slopes	Reesville	15	High
Rn	Rensselaer clay loam, clay loam substratum, rarely flooded	Rensselaer	15	High
St	Stonelick fine sandy loam, frequently flooded	Stonelick	21	High
SyB3	Sylvan silt loam, 2 to 6 percent slopes, severely eroded	Sylvan	15	High
SyC3	Sylvan silt loam, 6 to 12 percent slopes, severely eroded	Sylvan	15	High
SyD3	Sylvan silt loam, 12 to 18 percent slopes, severely eroded	Sylvan	15	High
SyF	Sylvan silt loam, 18 to 40 percent slopes	Sylvan	15	High
Ud	Udorthents, cut and filled	Udorthents	0	Not Rated

Indiana Nitrate Leaching Index--Continued  
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Map symbol	Map unit name	Component	NLI	Rating
UnA	Uniontown silt loam, 0 to 2 percent slopes, rarely flooded	Uniontown	10	High
UnB2	Uniontown silt loam, 2 to 6 percent slopes, eroded, rarely flooded	Uniontown	10	High
UnB3	Uniontown silt loam, 2 to 6 percent slopes, severely eroded, rarely flooded	Uniontown	10	High
UnC3	Uniontown silt loam, 6 to 12 percent slopes, severely eroded, rarely flooded	Uniontown	10	High
Vn	Vincennes loam, rarely flooded	Vincennes	10	High
W	Water	Water	0	Not Rated
Wa	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	Wakeland	15	High
WbA	Weinbach silt loam, 0 to 2 percent slopes, rarely flooded	Weinbach	10	High
WeD3	Wellston silt loam, 12 to 18 percent slopes, severely eroded	Wellston	15	High
WeE	Wellston silt loam, 18 to 25 percent slopes	Wellston	15	High
WeF	Wellston silt loam, 25 to 35 percent slopes	Wellston	15	High
WhA	Wheeling loam, 0 to 2 percent slopes, rarely flooded	Wheeling	15	High
WhB	Wheeling loam, 2 to 6 percent slopes, rarely flooded	Wheeling	15	High
WhC2	Wheeling loam, 6 to 12 percent slopes, eroded, rarely flooded	Wheeling	15	High
Wm	Wheeling Variant silt loam, rarely flooded	Wheeling variant	10	High
Wz	Woodmere silt loam, occasionally flooded	Woodmere	10	High
Zp	Zipp silty clay loam, 0 to 2 percent slopes, occasionally flooded	Zipp	10	High
Zu	Zipp Variant sandy loam, occasionally flooded	Zipp variant	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.