

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

Map symbol	Map unit name	Component	NLI	Rating
Ad	Adrian-Rensselaer complex, drained	Adrian	21	High
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
AlD2	Alford silt loam, 10 to 18 percent slopes, eroded	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
AmF	Alford-Parke silt loams, 18 to 50 percent slopes	Alford	15	High
AnB	Alvin fine sandy loam, 2 to 6 percent slopes	Alvin	21	High
AnC2	Alvin fine sandy loam, 6 to 12 percent slopes, eroded	Alvin	21	High
AnC3	Alvin fine sandy loam, 6 to 12 percent slopes, severely eroded	Alvin	21	High
AnD2	Alvin fine sandy loam, 12 to 18 percent slopes, eroded	Alvin	21	High
AnD3	Alvin fine sandy loam, 12 to 18 percent slopes, severely eroded	Alvin	21	High
Ao	Aquents, frequently flooded	Aquents	0	Not Rated
Ar	Armiesburg silt loam, occasionally flooded	Armiesburg	15	High
As	Armiesburg silt loam, protected	Armiesburg	15	High
Ay	Ayrshire fine sandy loam	Ayrshire	15	High
Bd	Birds silt loam, frequently flooded	Birds	15	High
BlA	Bloomfield sand, 0 to 2 percent slopes	Bloomfield	21	High
BlB	Bloomfield sand, 2 to 6 percent slopes	Bloomfield	21	High
BlC	Bloomfield sand, 6 to 12 percent slopes	Bloomfield	21	High
BlD	Bloomfield sand, 12 to 18 percent slopes	Bloomfield	21	High
BlF	Bloomfield sand, 18 to 50 percent slopes	Bloomfield	21	High
Bo	Bonnie silt loam, 0 to 2 percent slopes, frequently flooded	Bonnie	10	High
Bp	Bonnie silt loam, ponded	Bonnie	10	High
Cg	Chagrín silt loam, frequently flooded	Chagrín	15	High

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Cr	Crawleyville loam	Crawleyville	15	High
Du	Dumps, mine	Dumps	0	Not Rated
EkA	Elkinsville silt loam, 0 to 2 percent slopes	Elkinsville	15	High
EkB	Elkinsville silt loam, 2 to 6 percent slopes	Elkinsville	15	High
Ev	Evansville silt loam	Evansville	15	High
FaG	Fairpoint shaly silt loam, 15 to 60 percent slopes	Fairpoint	21	High
GnF	Gilpin variant silt loam, 18 to 50 percent slopes	Gilpin variant	10	High
GuC3	Gudgel silt loam, 6 to 12 percent slopes, severely eroded	Gudgel	7	Moderate
GuD3	Gudgel silt loam, 12 to 18 percent slopes, severely eroded	Gudgel	7	Moderate
Hd	Haymond silt loam, frequently flooded	Haymond	15	High
HhA	Henshaw silt loam, 0 to 2 percent slopes, frequently flooded	Henshaw	10	High
HoB2	Hosmer silt loam, 2 to 5 percent slopes, eroded	Hosmer	10	High
HoB3	Hosmer silt loam, 2 to 5 percent slopes, severely eroded	Hosmer	10	High
HoC	Hosmer silt loam, 5 to 10 percent slopes, eroded	Hosmer	10	High
HoC3	Hosmer silt loam, 5 to 10 percent slopes, severely eroded	Hosmer	10	High
IvA	Iva silt loam, 0 to 2 percent slopes	Iva	15	High
IvB	Iva silt loam, 2 to 4 percent slopes	Iva	15	High
Ju	Junius variant loamy sand	Junius variant	15	High
La	Landes sandy loam, occasionally flooded	Landes	21	High
Ln	Lindside silt loam, frequently flooded	Lindside	15	High
Ly	Lyles fine sandy loam	Lyles	15	High
Lz	Lyles sandy loam, loamy substratum	Lyles	15	High
Ma	Maplehill silt loam, frequently flooded	Maplehill	15	High
Md	Medway loam, occasionally flooded	Medway	10	High
Me	Medway loam, protected	Medway	10	High
Mg	Montgomery silty clay loam	Montgomery	10	High
Mh	Moundhaven fine sandy loam, frequently flooded	Moundhaven	21	High
MuA	Muren silt loam, 0 to 2 percent slopes	Muren	15	High

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
MuB2	Muren silt loam, 2 to 6 percent slopes, eroded	Muren	15	High
Nk	Newark silty clay loam, frequently flooded	Newark	15	High
Nn	Nolin silt loam, protected	Nolin	15	High
No	Nolin silt loam, frequently flooded	Nolin	15	High
Pn	Patton silty clay loam	Patton	10	High
Po	Peoga silt loam	Peoga	10	High
Pp	Petrolia silt loam, frequently flooded	Petrolia	10	High
Pv	Petrolia silty clay loam, frequently flooded, very long duration	Petrolia	7	Moderate
Pw	Pits, sand	Pits	0	Not Rated
Ra	Ragsdale silt loam	Ragsdale	15	High
Rb	Ragsdale silt loam, overwash	Ragsdale	15	High
RLA	Reesville silt loam, 0 to 2 percent slopes	Reesville	15	High
Rr	Rensselaer fine sandy loam, loamy substratum	Rensselaer	15	High
SbA	Skelton loam, 0 to 2 percent slopes	Skelton	15	High
ScA	Skelton silt loam, 0 to 2 percent slopes, frequently flooded	Skelton	15	High
Sf	Steff silt loam, frequently flooded	Steff	15	High
Sr	Stendal silt loam, frequently flooded	Stendal	15	High
SvC	Swanwick variant silt loam, 1 to 15 percent slopes	Swanwick variant	10	High
SyB2	Sylvan silt loam, 2 to 6 percent slopes, eroded	Sylvan	15	High
SyC3	Sylvan silt loam, 6 to 12 percent slopes, severely eroded	Sylvan	15	High
SyD	Sylvan silt loam, 12 to 18 percent slopes	Sylvan	15	High
SyF	Sylvan silt loam, 18 to 50 percent slopes	Sylvan	15	High
TaD3	Taftown silt loam, 12 to 18 percent slopes, severely eroded	Taftown	15	High
TaE	Taftown silt loam, 18 to 25 percent slopes	Taftown	15	High
Ud	Udorthents, cut and filled	Udorthents	0	Not Rated
UmD3	Udorthents-Sylvan complex, 12 to 18 percent slopes, severely eroded	Udorthents	15	High
UnA	Uniontown silt loam, 0 to 2 percent slopes	Uniontown	10	High

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UnB2	Uniontown silt loam, 2 to 6 percent slopes, eroded	Uniontown	10	High
UnB3	Uniontown silt loam, 2 to 6 percent slopes, severely eroded	Uniontown	10	High
UnC3	Uniontown silt loam, 6 to 12 percent slopes, severely eroded	Uniontown	10	High
Vn	Vincennes loam	Vincennes	10	High
Vo	Vincennes silt loam, frequently flooded	Vincennes	10	High
W	Water	Water	0	Not Rated
Wa	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	Wakeland	15	High
Wk	Wilbur silt loam, frequently flooded	Wilbur	15	High
Wo	Wilhite silty clay, frequently flooded	Wilhite	7	Moderate
Wr	Wirt silt loam, sandy substratum, frequently flooded	Wirt	15	High
Zp	Zipp silty clay, 0 to 2 percent slopes	Zipp	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.