

Indiana Nitrate Leaching Index
 Vigo 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	18	High
AdC	Ade loamy fine sand, 6 to 12 percent slopes	Ade	18	High
AlB2	Alford silt loam, 2 to 5 percent slopes, eroded	Alford	11	High
AlC2	Alford silt loam, 5 to 10 percent slopes, eroded	Alford	11	High
AlC3	Alford silt loam, 5 to 10 percent slopes, severely eroded	Alford	11	High
AlD2	Alford silt loam, 10 to 18 percent slopes, eroded	Alford	11	High
AlD3	Alford silt loam, 10 to 18 percent slopes, severely eroded	Alford	11	High
AlE2	Alford silt loam, 18 to 35 percent slopes, eroded	Alford	11	High
AlF	Alford silt loam, 25 to 40 percent slopes	Alford	11	High
Ar	Armiesburg silty clay loam	Armiesburg	11	High
AvB2	Ava silt loam, 2 to 6 percent slopes, eroded	Ava	7	Moderate
Ay	Ayrshire fine sandy loam	Ayrshire	11	High
Ba	Bartle silt loam	Bartle	7	Moderate
BlB	Bloomfield loamy fine sand, 2 to 6 percent slopes	Bloomfield	18	High
BlC	Bloomfield loamy fine sand, 6 to 12 percent slopes	Bloomfield	18	High
BlD	Bloomfield loamy fine sand, 12 to 18 percent slopes	Bloomfield	18	High
Bp	Borrow pits	Borrow pits	0	Not Rated
CaA	Camden silt loam, 0 to 2 percent slopes	Camden	11	High
CaB	Camden silt loam, 2 to 6 percent slopes	Camden	11	High
CnC2	Cincinnati silt loam, Wabash Lowland, 6 to 12 percent slopes, eroded	Cincinnati	7	Moderate
CnC3	Cincinnati silt loam, Wabash Lowland, 6 to 12 percent slopes, severely eroded	Cincinnati	5	Moderate
Co	Cory silt loam	Cory	11	High
Cr	Crane silt loam	Crane	11	High
Ee	Eel silt loam	Eel	7	Moderate
ElA	Elston sandy loam, 0 to 2 percent slopes	Elston	18	High
ElB	Elston sandy loam, 2 to 6 percent slopes	Elston	18	High
Fn	Fincastle silt loam, Bloomington Ridged Plain, 0 to 2 percent slopes	Fincastle	11	High

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
FoA	Fox sandy loam, 0 to 2 percent slopes	Fox	11	High
FoB2	Fox sandy loam, 2 to 6 percent slopes, eroded	Fox	11	High
FxC3	Fox clay loam, 6 to 12 percent slopes, severely eroded	Fox	11	High
Ge	Genesee silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Genesee	11	High
Gf	Genesee fine sandy loam, sandy variant	Genesee variant	11	High
Gp	Gravel pits	Pits, gravel	0	Not Rated
HeG	Hennepin loam, 25 to 50 percent slopes	Hennepin	7	Moderate
HkE	Hickory loam, 18 to 25 percent slopes	Hickory	11	High
HkF	Hickory loam, 25 to 40 percent slopes	Hickory	11	High
IvA	Iva silt loam, 0 to 2 percent slopes	Iva	11	High
IvB	Iva silt loam, 2 to 4 percent slopes	Iva	11	High
Ma	Made land	Made land	0	Not Rated
Md	Millsdale silty clay loam, 0 to 2 percent slopes	Millsdale	7	Moderate
MuA	Muren silt loam, 0 to 2 percent slopes	Muren	11	High
MuB2	Muren silt loam, 2 to 6 percent slopes, eroded	Muren	11	High
NeE	Negley loam, 18 to 25 percent slopes	Negley	11	High
NeF	Negley loam, 25 to 40 percent slopes	Negley	11	High
PaB2	Parke silt loam, 2 to 6 percent slopes, eroded	Parke	11	High
PaD2	Parke silt loam, 12 to 18 percent slopes, eroded	Parke	11	High
Pe	Petrolia silty clay loam	Petrolia	7	Moderate
PrB	Princeton fine sandy loam, 2 to 6 percent slopes	Princeton	11	High
PrC2	Princeton fine sandy loam, 6 to 12 percent slopes, eroded	Princeton	11	High
PrD2	Princeton fine sandy loam, 12 to 18 percent slopes, eroded	Princeton	11	High
PrE2	Princeton fine sandy loam, 18 to 25 percent slopes, eroded	Princeton	11	High
Pt	Proctor silt loam	Proctor	11	High
Ra	Ragsdale silt loam	Ragsdale	11	High
RdA	Randolph silt loam, 0 to 3 percent slopes	Randolph	7	Moderate
Re	Reesville silt loam	Reesville	11	High

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Map symbol	Map unit name	Component	NLI	Rating
Rg	Rensselaer loam	Rensselaer	11	High
Rn	Rensselaer clay loam	Rensselaer	11	High
RoG	Rodman gravelly loam, 25 to 50 percent slopes	Rodman	18	High
RuB2	Russell silt loam, Bloomington Ridged Plain, 2 to 5 percent slopes, eroded	Russell	11	High
RuC2	Russell silt loam, Bloomington Ridged Plain, 5 to 10 percent slopes, eroded	Russell	11	High
RuC3	Russell silt loam, 6 to 12 percent slopes, severely eroded	Russell	7	Moderate
RuD2	Russell silt loam, 12 to 18 percent slopes, eroded	Russell	7	Moderate
Sh	Shoals silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Shoals	11	High
So	Sloan clay loam	Sloan	11	High
St	Strip mines	Strip mines	0	Not Rated
Tp	Tippecanoe silt loam	Tippecanoe	7	Moderate
Vn	Vincennes loam	Vincennes	7	Moderate
W	Water	Water	0	Not Rated
Wa	Wakeland silt loam	Wakeland	11	High
WrA	Warsaw sandy loam, 0 to 2 percent slopes	Warsaw	11	High
WrB2	Warsaw sandy loam, 2 to 6 percent slopes, eroded	Warsaw	11	High
Ws	Washtenaw silt loam	Washtenaw	7	Moderate
Wt	Westland clay loam	Westland	11	High
Wx	Whitaker loam	Whitaker	11	High
XeB2	Xenia silt loam, 2 to 6 percent slopes, eroded	Xenia	11	High
Zp	Zipp silty clay	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.