

Indiana Nitrate Leaching Index
 Sullivan 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	19	High
AdC	Ade loamy fine sand, 6 to 12 percent slopes	Ade	19	High
AfB2	Alford silt loam, 2 to 5 percent slopes, eroded	Alford	13	High
AfB3	Alford silt loam, 2 to 5 percent slopes, severely eroded	Alford	13	High
AfC2	Alford silt loam, 5 to 10 percent slopes, eroded	Alford	13	High
AfC3	Alford silt loam, 5 to 10 percent slopes, severely eroded	Alford	13	High
AfD2	Alford silt loam, 10 to 18 percent slopes, eroded	Alford	13	High
AfD3	Alford silt loam, 10 to 18 percent slopes, severely eroded	Alford	13	High
AfE	Alford silt loam, 18 to 35 percent slopes	Alford	13	High
AfF	Alford silt loam, 25 to 50 percent slopes	Alford	13	High
Ak	Atkins silt loam	Atkins	7	Moderate
AlA	Ava silt loam, 0 to 2 percent slopes	Ava	7	Moderate
AlB2	Ava silt loam, 2 to 6 percent slopes, eroded	Ava	7	Moderate
AlB3	Ava silt loam, 2 to 6 percent slopes, severely eroded	Ava	5	Moderate
AsA	Ayrshire fine sandy loam, 0 to 2 percent slopes	Ayrshire	13	High
AsB	Ayrshire fine sandy loam, 2 to 4 percent slopes	Ayrshire	13	High
AyA	Ayrshire loam, 0 to 2 percent slopes	Ayrshire	13	High
BlB	Bloomfield loamy fine sand, 2 to 6 percent slopes	Bloomfield	19	High
BlC	Bloomfield loamy fine sand, 6 to 12 percent slopes	Bloomfield	19	High
BlD	Bloomfield loamy fine sand, 12 to 18 percent slopes	Bloomfield	19	High
BlF	Bloomfield loamy fine sand, 18 to 40 percent slopes	Bloomfield	19	High
Bp	Borrow pits	Borrow pits	0	Not Rated
Ca	Houghton muck, drained, 0 to 1 percent slopes	Houghton	19	High
CnB2	Cincinnati silt loam, Wabash Lowland, 2 to 6 percent slopes, eroded	Cincinnati	7	Moderate
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
CnD2	Cincinnati silt loam, 12 to 18 percent slopes, eroded	Cincinnati	7	Moderate

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
Co	Cory silt loam	Cory	13	High
Cu	Cuba silt loam	Cuba	13	High
Du	Dumps	Udorthents, Rubbish	0	Not Rated
Es	Eel silt loam	Eel	7	Moderate
EtA	Elston fine sandy loam, 0 to 2 percent slopes	Elston	13	High
EtB	Elston fine sandy loam, 2 to 6 percent slopes	Elston	13	High
EuA	Elston loam, 0 to 2 percent slopes	Elston	13	High
EuB	Elston loam, 2 to 6 percent slopes	Elston	13	High
FcE	Fairpoint parachannery clay loam, 18 to 35 percent slopes	Fairpoint	13	High
FsA	Fox sandy loam, 0 to 2 percent slopes	Fox	13	High
FsB	Fox sandy loam, 2 to 6 percent slopes	Fox	13	High
FxA	Fox loam, 0 to 2 percent slopes	Fox	13	High
Gn	Genesee fine sandy loam, sandy variant	Genesee variant	19	High
Gs	Genesee silt loam	Genesee	13	High
Gu	Gullied land	Gullied land	0	Not Rated
HeA	Henshaw silt loam, 0 to 2 percent slopes	Henshaw	13	High
HeB2	Henshaw silt loam, 2 to 4 percent slopes, eroded	Henshaw	13	High
HkE	Hickory silt loam, 18 to 25 percent slopes	Hickory	13	High
HkF	Hickory silt loam, 25 to 35 percent slopes	Hickory	13	High
HkF3	Hickory silt loam, 18 to 35 percent slopes, severely eroded	Hickory	13	High
HkG	Hickory silt loam, 35 to 50 percent slopes	Hickory	13	High
IoA	Iona silt loam, 0 to 2 percent slopes	Iona	7	Moderate
IoB2	Iona silt loam, 2 to 6 percent slopes, eroded	Iona	7	Moderate
IoB3	Iona silt loam, 2 to 6 percent slopes, severely eroded	Iona	7	Moderate
IvA	Iva silt loam, 0 to 2 percent slopes	Iva	13	High
IvB2	Iva silt loam, 2 to 4 percent slopes, eroded	Iva	13	High
Kg	Kings silty clay	Kings	5	Moderate
Ly	Lyles loam	Lyles	13	High

Map symbol	Map unit name	Component	NLI	Rating
MaB2	Markland silt loam, 2 to 6 percent slopes, eroded	Markland	7	Moderate
MaD2	Markland silt loam, 12 to 18 percent slopes, eroded	Markland	7	Moderate
MaE2	Markland silt loam, 18 to 25 percent slopes, eroded	Markland	7	Moderate
McD3	Markland silty clay loam, 6 to 18 percent slopes, severely eroded	Markland	7	Moderate
Mg	McGary silt loam	McGary	7	Moderate
Mn	Mine dumps	Dumps, mine	0	Not Rated
MuB2	Muren silt loam, 2 to 6 percent slopes, eroded	Muren	13	High
PaC3	Parke silt loam, 6 to 12 percent slopes, severely eroded	Parke	13	High
PaD3	Parke silt loam, 12 to 18 percent slopes, severely eroded	Parke	13	High
Pc	Patton silty clay loam	Patton	13	High
Pg	Pits, gravel	Pits, gravel	0	Not Rated
Po	Petrolia silty clay loam	Petrolia	7	Moderate
PrA	Princeton fine sandy loam, 0 to 2 percent slopes	Princeton	13	High
PrB2	Princeton fine sandy loam, 2 to 6 percent slopes, eroded	Princeton	13	High
PrC2	Princeton fine sandy loam, 6 to 12 percent slopes, eroded	Princeton	13	High
PrD2	Princeton fine sandy loam, 12 to 18 percent slopes, eroded	Princeton	13	High
PrE2	Princeton fine sandy loam, 18 to 25 percent slopes, eroded	Princeton	13	High
PrG	Princeton fine sandy loam, 25 to 50 percent slopes	Princeton	13	High
Ra	Ragsdale silt loam	Ragsdale	13	High
ReA	Reesville silt loam, 0 to 2 percent slopes	Reesville Variant	7	Moderate
ReB2	Reesville silt loam, 2 to 4 percent slopes, eroded	Reesville Variant	7	Moderate
Rm	Rensselaer loam	Rensselaer	13	High
Rr	Riverwash	Riverwash	0	Not Rated
Rs	Rock land	Rock land	0	Not Rated
Rt	Ross silt loam	Ross	13	High
Sh	Shadeland loam	Shadeland	7	Moderate
Sn	Stendal silt loam	Stendal	13	High

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St	Strip mines	Strip mines	0	Not Rated
Ud	Udorthents, loamy	Udorthents	7	Moderate
VgA	Vigo silt loam, 0 to 2 percent slopes	Vigo	7	Moderate
VgB2	Vigo silt loam, 2 to 4 percent slopes, eroded	Vigo	7	Moderate
W	Water	Water	0	Not Rated
Wa	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	Wakeland	13	High
WrA	Warsaw sandy loam, 0 to 2 percent slopes	Warsaw	13	High
WrB	Warsaw sandy loam, 2 to 6 percent slopes	Warsaw	13	High
WrC2	Warsaw sandy loam, 6 to 12 percent slopes, eroded	Warsaw	13	High
WsA	Warsaw loam, 0 to 2 percent slopes	Warsaw	13	High
Wt	Westland silty clay loam	Westland	13	High
Wv	Westland silty clay loam, shallow variant	Westland variant	7	Moderate
Ww	Wilbur silt loam	Wilbur	7	Moderate
Zc	Zipp silty clay, 0 to 2 percent slopes	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.