

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

Map symbol	Map unit name	Component	NLI	Rating
AnC	Alvin loamy fine sand, 4 to 12 percent slopes	Alvin	19	High
AvB2	Ava silt loam, 2 to 6 percent slopes, eroded	Ava	8	Moderate
Ay	Ayrshire fine sandy loam	Ayrshire	13	High
BdF	Berks-Gilpin complex, 30 to 70 percent slopes	Berks	13	High
BmD	Bloomfield loamy fine sand, 12 to 18 percent slopes	Bloomfield	19	High
BmF	Bloomfield loamy fine sand, 25 to 50 percent slopes	Bloomfield	19	High
Bo	Bonnie silt loam, frequently flooded	Bonnie	8	Moderate
Ca	Chagrín silt loam, occasionally flooded	Chagrín	13	High
Cb	Chagrín-Stonelick complex, occasionally flooded	Chagrín	13	High
CcC2	Cincinnati silt loam, Wabash Lowland, 6 to 12 percent slopes, eroded	Cincinnati	8	Moderate
CcC3	Cincinnati silt loam, Wabash Lowland, 6 to 12 percent slopes, severely eroded	Cincinnati	7	Moderate
CeC3	Cincinnati variant silt loam, 6 to 12 percent slopes, severely eroded	Cincinnati variant	7	Moderate
ChF	Chetwynd loam, 25 to 70 percent slopes	Chetwynd	13	High
CoA	Cory silt loam, 0 to 2 percent slopes	Cory	8	Moderate
Ev	Evansville silt loam, occasionally flooded	Evansville	13	High
FcB	Fairpoint shaly silt loam, 0 to 8 percent slopes	Fairpoint	8	Moderate
FcG	Fairpoint shaly silty clay loam, 33 to 90 percent slopes	Fairpoint	8	Moderate
GmE	Gilpin-Wellston silt loams, 18 to 30 percent slopes	Gilpin	8	Moderate
HbA	Henshaw silt loam, 1 to 3 percent slopes	Henshaw	8	Moderate
HcD	Hickory silt loam, 12 to 18 percent slopes	Hickory	13	High
HcD3	Hickory silt loam, 12 to 18 percent slopes, severely eroded	Hickory	13	High
HcE	Hickory loam, 18 to 25 percent slopes	Hickory	13	High
HcF	Hickory loam, 30 to 70 percent slopes	Hickory	8	Moderate
Ho	Hoosierville silt loam	Hoosierville	13	High
IvA	Iva silt loam, 0 to 2 percent slopes	Iva	13	High
Lo	Lobdell loam, occasionally flooded	Lobdell	13	High
Ly	Lyles fine sandy loam	Lyles	13	High

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
Mt	Montgomery variant silty clay loam	Montgomery variant	8	Moderate
MuA	Muren silt loam, 0 to 2 percent slopes	Muren	13	High
MuB2	Muren silt loam, 2 to 6 percent slopes, eroded	Muren	13	High
Ne	Newark silt loam, frequently flooded	Newark	13	High
No	Nolin silt loam, rarely flooded	Nolin	13	High
Nr	Nolin silty clay loam, rarely flooded	Nolin	13	High
PaD2	Parke silt loam, 12 to 18 percent slopes, eroded	Parke	13	High
Pf	Peoga silt loam	Peoga	8	Moderate
Pg	Petrolia silty clay loam, frequently flooded	Petrolia	8	Moderate
PkA	Pike silt loam, 0 to 2 percent slopes	Pike	13	High
PkB2	Pike silt loam, 2 to 6 percent slopes, eroded	Pike	13	High
PkC2	Pike silt loam, 6 to 12 percent slopes, eroded	Pike	13	High
PnB	Princeton fine sandy loam, 2 to 6 percent slopes	Princeton	13	High
PnC	Princeton fine sandy loam, 6 to 12 percent slopes	Princeton	13	High
Sh	Shoals silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration	Shoals	13	High
Sk	Steff silt loam, occasionally flooded	Steff	8	Moderate
Sn	Stendal silt loam, frequently flooded	Stendal	13	High
VgA	Vigo silt loam, 0 to 2 percent slopes	Vigo	8	Moderate
W	Water	Water	0	Not Rated
WeD2	Wellston silt loam, 12 to 18 percent slopes, eroded	Wellston	13	High
Wm	Wilbur silt loam, occasionally flooded	Wilbur	8	Moderate
Zp	Zipp silty clay, frequently flooded	Zipp	8	Moderate
Zs	Zipp silty clay loam, overwash, frequently flooded	Zipp	8	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.