

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

Map symbol	Map unit name	Component	NLI	Rating
AlB2	Alford silt loam, 2 to 5 percent slopes, eroded	Alford	13	High
AlC2	Alford silt loam, 5 to 10 percent slopes, eroded	Alford	13	High
AnB	Alvin-Bloomfield complex, 2 to 6 percent slopes	Alvin	19	High
AnC	Alvin-Bloomfield complex, 6 to 12 percent slopes	Alvin	19	High
Ao	Ambraw sandy clay loam, rarely flooded	Ambraw	13	High
Ar	Armiesburg silt loam, occasionally flooded	Armiesburg	13	High
AvB2	Ava silt loam, 2 to 6 percent slopes, eroded	Ava	8	Moderate
Ay	Ayrshire sandy loam	Ayrshire	13	High
Bb	Bartle silt loam, 0 to 2 percent slopes	Bartle	8	Moderate
BcF	Berks-Ebal complex, 15 to 60 percent slopes	Berks	8	Moderate
BfG	Berks-Rock outcrop complex, 45 to 70 percent slopes	Berks	8	Moderate
BlE	Bloomfield sand, 15 to 25 percent slopes	Bloomfield	19	High
BlG	Bloomfield sand, 35 to 60 percent slopes	Bloomfield	19	High
Bo	Bonnie silt loam, frequently flooded	Bonnie	13	High
Br	Booker clay	Booker	7	Moderate
Bs	Booker mucky clay	Booker	7	Moderate
CcE2	Chetwynd silt loam, 18 to 25 percent slopes, eroded	Chetwynd	13	High
CcF	Chetwynd silt loam, 25 to 60 percent slopes	Chetwynd	13	High
CfC2	Cincinnati silt loam, Wabash Lowland, 6 to 12 percent slopes, eroded	Cincinnati	8	Moderate
CfC3	Cincinnati silt loam, Wabash Lowland, 6 to 12 percent slopes, severely eroded	Cincinnati	7	Moderate
CfD2	Cincinnati silt loam, 12 to 18 percent slopes, eroded	Cincinnati	8	Moderate
CfD3	Cincinnati silt loam, 12 to 18 percent slopes, severely eroded	Cincinnati	7	Moderate
ChC2	Cincinnati silt loam, channery substratum, 6 to 12 percent slopes, eroded	Cincinnati	8	Moderate
Cu	Cuba silt loam, frequently flooded	Cuba	13	High
EcD	Ebal-Gilpin silt loams, 12 to 18 percent slopes	Ebal	8	Moderate
EfD2	Ebal-Wellston silt loams, 10 to 18 percent slopes, eroded	Ebal	8	Moderate
EnA	Elston loam, 0 to 2 percent slopes	Elston	19	High

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Ev	Evansville silt loam, rarely flooded	Evansville	13	High
FaB	Fairpoint silt loam, reclaimed, 2 to 6 percent slopes	Fairpoint	7	Moderate
FcC	Fairpoint parachannery clay loam, 2 to 12 percent slopes	Fairpoint	13	High
FcE	Fairpoint parachannery clay loam, 18 to 35 percent slopes	Fairpoint	13	High
FcG	Fairpoint very parachannery loam, 35 to 90 percent slopes	Fairpoint	19	High
GcE2	Gilpin silt loam, 18 to 25 percent slopes, eroded	Gilpin	8	Moderate
GfF	Gilpin-Berks complex 30 to 60 percent slopes	Gilpin	8	Moderate
GgE	Gilpin-Ebal silt loams, 18 to 30 percent slopes	Gilpin	13	High
GmE	Gilpin-Wellston silt loams, 18 to 25 percent slopes	Gilpin	13	High
HaE2	Hagerstown silt loam, 18 to 25 percent slopes, eroded	Hagerstown	13	High
Hb	Haymond silt loam, frequently flooded	Haymond	13	High
Hc	Haymond silt loam, rarely flooded	Haymond	13	High
HdA	Henshaw silt loam, 1 to 3 percent slopes	Henshaw	8	Moderate
HeD2	Hickory silt loam, 12 to 18 percent slopes, eroded	Hickory	13	High
HeE	Hickory silt loam, 18 to 25 percent slopes	Hickory	13	High
HeG	Hickory loam, 30 to 60 percent slopes	Hickory	13	High
MbB2	Markland silty clay loam, 2 to 6 percent slopes, eroded	Markland	8	Moderate
MgA	McGary silt loam, 0 to 2 percent slopes	McGary	8	Moderate
Mo	Montgomery silty clay loam	Montgomery	8	Moderate
Mu	Muskego muck	Muskego	8	Moderate
Ne	Newark loam, frequently flooded	Newark	13	High
No	Nolin silt loam, occasionally flooded	Nolin	13	High
Nr	Nolin silt loam, rarely flooded	Nolin	13	High
PbC2	Parke silt loam, 6 to 12 percent slopes, eroded	Parke	13	High
PbD2	Parke silt loam, 12 to 18 percent slopes, eroded	Parke	13	High
Pc	Patton silty clay loam, 0 to 1 percent slopes	Patton	8	Moderate
PdB2	Pekin silt loam, 2 to 6 percent slopes, eroded	Pekin	8	Moderate
Pf	Peoga silt loam	Peoga	8	Moderate

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Pg	Piankeshaw silt loam, frequently flooded	Piankeshaw	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
PrB	Princeton fine sandy loam, 2 to 6 percent slopes	Princeton	13	High
PrC	Princeton fine sandy loam, 6 to 12 percent slopes	Princeton	13	High
RaA	Reesville silt loam, 0 to 2 percent slopes	Reesville	13	High
Rb	Rensselaer sandy loam	Rensselaer	13	High
Rd	Rensselaer loam	Rensselaer	13	High
RmA	Roby sandy loam, 0 to 2 percent slopes	Roby	19	High
ScA	Shakamak silt loam, 1 to 3 percent slopes	Shakamak	8	Moderate
So	Steff silt loam, rarely flooded	Steff	13	High
Sr	Steff silt loam, frequently flooded	Steff	13	High
St	Stendal silt loam, frequently flooded	Stendal	13	High
Ud	Udorthents, loamy	Udorthents	8	Moderate
UnE	Uniontown silt loam, 18 to 30 percent slopes	Uniontown	8	Moderate
VgA	Vigo silt loam, 0 to 2 percent slopes	Vigo	8	Moderate
W	Water	Water	0	Not Rated
WcA	Waupecan silt loam, 0 to 2 percent slopes, rarely flooded	Waupecan	13	High
WeD2	Wellston silt loam, 12 to 18 percent slopes, eroded	Wellston	13	High
WeD3	Wellston silt loam, 12 to 18 percent slopes, severely eroded	Wellston	13	High
WgD2	Wellston silt loam, karst, 6 to 18 percent slopes, eroded	Wellston	8	Moderate
Wm	Wilhite silty clay, frequently flooded	Wilhite	8	Moderate
Wt	Wirt very fine sandy loam, frequently flooded	Wirt	13	High
ZaA	Zanesville silt loam, 1 to 3 percent slopes	Zanesville	8	Moderate
ZaB2	Apalona-Zanesville silt loams, 2 to 6 percent slopes, eroded	Apalona	7	Moderate
ZaC2	Apalona-Zanesville silt loams, 6 to 12 percent slopes, eroded	Apalona	7	Moderate
ZaC3	Apalona-Zanesville silt loams, 6 to 12 percent slopes, severely eroded	Apalona	7	Moderate

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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.