

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

Map symbol	Map unit name	Component	NLI	Rating
AvA	Avonburg silt loam, 0 to 2 percent slopes	Avonburg	10	High
AvB2	Avonburg silt loam, 2 to 4 percent slopes, eroded	Avonburg	10	High
BaA	Bartle silt loam, 0 to 2 percent slopes	Bartle	10	High
BeD3	Beasley-Rock outcrop complex, 12 to 25 percent slopes, severely eroded	Beasley	10	High
BmC	Bloomfield loamy fine sand, 4 to 12 percent slopes	Bloomfield	21	High
BnC2	Bonnell silt loam, 6 to 12 percent slopes, eroded	Bonnell	10	High
BnC3	Bonnell silt loam, 6 to 12 percent slopes, severely eroded	Bonnell	10	High
BnD2	Bonnell silt loam, 12 to 18 percent slopes, eroded	Bonnell	10	High
BnD3	Bonnell silt loam, 12 to 18 percent slopes, severely eroded	Bonnell	10	High
BnE	Bonnell silt loam, 18 to 45 percent slopes	Bonnell	10	High
BpE5	Bonnell-Hickory clay loams, 15 to 30 percent slopes, gullied	Bonnell	10	High
CaF	Caneyville-Rock outcrop complex, 25 to 60 percent slopes	Caneyville	10	High
CcC2	Carmel silt loam, 6 to 12 percent slopes, eroded	Carmel	10	High
CdC3	Carmel silty clay loam, 6 to 12 percent slopes, severely eroded	Carmel	7	Moderate
CnB2	Cincinnati silt loam, 2 to 6 percent slopes, eroded	Cincinnati	10	High
CnC2	Cincinnati silt loam, 6 to 12 percent slopes, eroded	Cincinnati	10	High
CnC3	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded	Cincinnati	7	Moderate
Co	Cobbsfork silt loam, 0 to 1 percent slopes	Cobbsfork	10	High
CrB2	Crider variant silt loam, 2 to 6 percent slopes, eroded	Crider variant	15	High
Da	Dearborn silt loam, frequently flooded	Dearborn	15	High
Db	Dearborn channery silt loam, frequently flooded	Dearborn	15	High
DeB2	Deputy silt loam, 2 to 6 percent slopes, eroded	Deputy	10	High
DeC2	Deputy silt loam, 6 to 12 percent slopes, eroded	Deputy	10	High
DeC3	Deputy silt loam, 6 to 12 percent slopes, severely eroded	Deputy	10	High
DfA	Dubois silt loam, 0 to 2 percent slopes	Dubois	10	High
Du	Dumps	Dumps	0	Not Rated
EeD2	Eden silty clay loam, 12 to 25 percent slopes, eroded	Eden	7	Moderate

Indiana Nitrate Leaching Index--Continued
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EffF	Eden flaggy silty clay, 25 to 50 percent slopes	Eden	7	Moderate
EgG	Eden-Caneyville complex, 25 to 60 percent slopes	Eden	7	Moderate
EkA	Elkinsville silt loam, 0 to 2 percent slopes, rarely flooded	Elkinsville	15	High
EkB	Elkinsville silt loam, 2 to 8 percent slopes, rarely flooded	Elkinsville	15	High
GrC2	Grayford silt loam, 6 to 12 percent slopes, eroded	Grayford	15	High
GrC3	Grayford silt loam, 6 to 12 percent slopes, severely eroded	Grayford	15	High
GrD2	Grayford silt loam, 12 to 18 percent slopes, eroded	Grayford	15	High
GrD3	Grayford silt loam, 12 to 18 percent slopes, severely eroded	Grayford	15	High
HcD2	Haggatt-Caneyville silt loams, 12 to 25 percent slopes, eroded	Haggatt	10	High
HdB2	Haubstadt silt loam, 2 to 6 percent slopes, eroded	Haubstadt	10	High
HeC2	Haubstadt-Shircliff silt loams, 6 to 15 percent slopes, eroded	Haubstadt	10	High
HeC3	Haubstadt-Shircliff complex, 6 to 15 percent slopes, severely eroded	Haubstadt	7	Moderate
Hg	Haymond silt loam, occasionally flooded	Haymond	15	High
HkC2	Hickory silt loam, 6 to 12 percent slopes, eroded	Hickory	15	High
HkC3	Hickory silt loam, 6 to 12 percent slopes, severely eroded	Hickory	15	High
HkD2	Hickory silt loam, 12 to 18 percent slopes, eroded	Hickory	15	High
HkD3	Hickory silt loam, 12 to 18 percent slopes, severely eroded	Hickory	15	High
HkE	Hickory silt loam, 18 to 45 percent slopes	Hickory	15	High
Ho	Holton loam, occasionally flooded	Holton	15	High
Hu	Huntington silt loam, 0 to 2 percent slopes, occasionally flooded	Huntington	15	High
JnB2	Jennings silt loam, 2 to 6 percent slopes, eroded	Jennings	10	High
JnC2	Jennings silt loam, 6 to 12 percent slopes, eroded	Jennings	10	High
JnC3	Jennings silt loam, 6 to 12 percent slopes, severely eroded	Jennings	7	Moderate
MaB2	Markland silt loam, 1 to 6 percent slopes, eroded	Markland	10	High
MaC2	Markland silt loam, 8 to 15 percent slopes, eroded	Markland	10	High
MdB2	Medora silt loam, 2 to 6 percent slopes, eroded	Medora	7	Moderate
NeB2	Negley silt loam, 2 to 6 percent slopes, eroded	Negley	15	High

Indiana Nitrate Leaching Index--Continued
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NeC2	Negley silt loam, 6 to 12 percent slopes, eroded	Negley	15	High
NgD3	Negley clay loam, 12 to 22 percent slopes, severely eroded	Negley	15	High
NnB2	Nicholson silt loam, 2 to 6 percent slopes, eroded	Nicholson	10	High
OdA	Oldenburg loam, occasionally flooded	Oldenburg	15	High
PeE	Pate silty clay loam, 18 to 35 percent slopes	Pate	10	High
PkA	Pekin silt loam, 0 to 2 percent slopes	Pekin	10	High
PkB	Pekin silt loam, 1 to 4 percent slopes, rarely flooded	Pekin	10	High
PoA	Peoga silt loam	Peoga	10	High
Pu	Pits, quarry	Pits, quarries	0	Not Rated
Ra	Rahm silty clay loam, occasionally flooded	Rahm	10	High
RoA	Rossmoyne silt loam, 0 to 2 percent slopes	Rossmoyne	10	High
RoB2	Nabb silt loam, 2 to 6 percent slopes, eroded	Nabb	10	High
RyA	Ryker silt loam, 0 to 2 percent slopes	Ryker	15	High
RyB2	Ryker silt loam, 2 to 6 percent slopes, eroded	Ryker	15	High
RyC2	Ryker silt loam, 6 to 12 percent slopes, eroded	Ryker	15	High
RyC3	Ryker silt loam, 6 to 12 percent slopes, severely eroded	Ryker	15	High
ScA	Scottsburg silt loam, 0 to 2 percent slopes	Scottsburg	10	High
ScB2	Scottsburg silt loam, 2 to 4 percent slopes, eroded	Scottsburg	10	High
SwB2	Switzerland silt loam, 2 to 6 percent slopes, eroded	Switzerland	10	High
SxC2	Switzerland-Carmel silt loams, 2 to 12 percent slopes, eroded	Switzerland	10	High
TrC2	Trappist silt loam, 6 to 12 percent slopes, eroded	Trappist	10	High
TrD2	Trappist silt loam, 12 to 18 percent slopes, eroded	Trappist	10	High
TtC3	Trappist silty clay loam, 6 to 12 percent slopes, severely eroded	Trappist	10	High
TtD3	Trappist silty clay loam, 12 to 25 percent slopes, severely eroded	Trappist	10	High
Ud	Udorthents, loamy	Udorthents, loamy	0	Not Rated
W	Water	Water	0	Not Rated

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Map symbol	Map unit name	Component	NLI	Rating
Wa	Wakeland silt loam, occasionally flooded	Wakeland	15	High
WgB2	Weisburg silt loam, 2 to 6 percent slopes, eroded	Weisburg	10	High
WgC2	Weisburg silt loam, 6 to 12 percent slopes, eroded	Weisburg	10	High
WmA	Whitcomb silt loam, 0 to 2 percent slopes	Whitcomb	10	High
Wr	Wilbur silt loam, occasionally flooded	Wilbur	15	High
Wt	Wirt silt loam, occasionally flooded	Wirt	15	High
Wz	Wirt silt loam, frequently flooded	Wirt	15	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.