

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

Map symbol	Map unit name	Component	NLI	Rating
Ad	Adrian muck, drained	Adrian	13	High
Be	Beaches	Beaches	0	Not Rated
BlA	Blount loam, 0 to 2 percent slopes	Blount	4	Moderate
BnA	Blount silt loam, 0 to 2 percent slopes	Blount	4	Moderate
BoB	Boyer-Ormas loamy sands, 0 to 6 percent slopes	Boyer	13	High
BoC	Boyer-Ormas loamy sands, 6 to 12 percent slopes	Boyer	13	High
BoD	Boyer-Ormas loamy sands, 12 to 18 percent slopes	Boyer	13	High
BtA	Brems loamy sand, 0 to 2 percent slopes	Brems	13	High
Bz	Brookston loam	Brookston	8	Moderate
CaC	Casco gravelly sandy loam, 6 to 12 percent slopes	Casco	8	Moderate
CaD2	Casco gravelly sandy loam, 12 to 18 percent slopes, eroded	Casco	8	Moderate
CcA	Carmi sandy loam, 0 to 2 percent slopes	Carmi	13	High
ChB	Chelsea fine sand, 1 to 6 percent slopes	Chelsea	13	High
ChC	Chelsea fine sand, 6 to 12 percent slopes	Chelsea	13	High
Co	Cohoctah sandy loam	Cohoctah	13	High
CrA	Crosier loam, 0 to 3 percent slopes	Crosier	5	Moderate
Dr	Del Rey silt loam	Del Rey	5	Moderate
Ed	Edwards muck, drained	Edwards	5	Moderate
GnB	Glynwood silt loam, 2 to 6 percent slopes	Glynwood	4	Moderate
Gs	Granby variant loamy sand	Granby variant	13	High
HaA	Haskins loam, 0 to 3 percent slopes	Haskins	5	Moderate
Hn	Histosols, ponded	Histosols	4	Moderate
Ht	Houghton muck, disintegration moraine, 0 to 2 percent slopes	Houghton	4	Moderate
Hw	Houghton muck, drained	Houghton	13	High
KoA	Kosciusko sandy loam, 0 to 2 percent slopes	Kosciusko	8	Moderate
KoB	Kosciusko sandy loam, 2 to 6 percent slopes	Kosciusko	8	Moderate
KsC	Kosciusko gravelly sandy loam, 6 to 12 percent slopes	Kosciusko	8	Moderate
MbA	Martinsville loam, 0 to 2 percent slopes	Martinsville	8	Moderate
MbB	Martinsville loam, 2 to 6 percent slopes	Martinsville	8	Moderate

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Map symbol	Map unit name	Component	NLI	Rating
MbC	Martinsville loam, 6 to 12 percent slopes	Martinsville	8	Moderate
Mc	Martisco muck, undrained	Martisco	4	Moderate
MfB	Metea loamy sand, 1 to 6 percent slopes	Metea	13	High
MfC	Metea loamy sand, 6 to 12 percent slopes	Metea	13	High
MhB	Miami loam, 2 to 6 percent slopes	Miami	5	Moderate
MhC	Miami loam, 6 to 12 percent slopes	Miami	5	Moderate
MhD	Miami loam, 12 to 18 percent slopes	Miami	5	Moderate
MhE	Miami loam, 18 to 25 percent slopes	Miami	5	Moderate
MkC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	Miami	5	Moderate
MkD3	Miami clay loam, Saginaw lobe, 12 to 18 percent slopes, severely eroded	Miami	5	Moderate
Mm	Millgrove loam	Millgrove	8	Moderate
Mn	Milford silty clay loam	Milford	5	Moderate
MoC2	Morley silt loam, 6 to 12 percent slopes, eroded	Morley	5	Moderate
MoD2	Morley silt loam, 12 to 18 percent slopes, eroded	Morley	5	Moderate
MoE2	Morley silt loam, 18 to 25 percent slopes, eroded	Morley	5	Moderate
MrC3	Morley silty clay loam, 6 to 12 percent slopes, severely eroded	Morley	4	Moderate
MrD3	Morley silty clay loam, 12 to 18 percent slopes, severely eroded	Morley	4	Moderate
Mx	Morocco loamy sand	Morocco	13	High
Mz	Muskego muck, drained	Muskego	5	Moderate
OhA	Oshtemo-Ormas loamy sands, 0 to 2 percent slopes	Oshtemo	13	High
OhB	Oshtemo-Ormas loamy sands, 2 to 6 percent slopes	Oshtemo	13	High
OhC	Oshtemo-Ormas loamy sands, 6 to 12 percent slopes	Oshtemo	13	High
OsC	Oshtemo-Kosciusko-Riddles complex, 4 to 12 percent slopes	Oshtemo	13	High
Pa	Palms muck, drained	Palms	8	Moderate
Pe	Pewamo silty clay loam, 0 to 1 percent slopes	Pewamo	5	Moderate
Pg	Pits, gravel	Pits	0	Not Rated
PnA	Plainfield fine sand, 0 to 2 percent slopes	Plainfield	13	High

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
PnB	Plainfield fine sand, 2 to 10 percent slopes	Plainfield	13	High
RaB	Rawson loam, 2 to 6 percent slopes	Rawson	5	Moderate
Rb	Rensselaer loam	Rensselaer	8	Moderate
RxA	Riddles sandy loam, 0 to 2 percent slopes	Riddles	8	Moderate
RxB	Riddles sandy loam, 2 to 6 percent slopes	Riddles	8	Moderate
RxC	Riddles sandy loam, 6 to 12 percent slopes	Riddles	8	Moderate
RxD	Riddles sandy loam, 12 to 18 percent slopes	Riddles	8	Moderate
Ry	Riverdale loamy sand	Riverdale	13	High
Sh	Shoals loam, 0 to 2 percent slopes, frequently flooded	Shoals	8	Moderate
Ud	Udorthents, loamy	Udorthents	0	Not Rated
W	Water	Water	0	Not Rated
Wa	Wallkill silt loam	Wallkill	8	Moderate
Wh	Washtenaw silt loam	Washtenaw	5	Moderate
WsB	Wawasee loam, 2 to 6 percent slopes	Wawasee	8	Moderate
WsC	Wawasee loam, 6 to 12 percent slopes	Wawasee	8	Moderate
WsD	Wawasee loam, 12 to 18 percent slopes	Wawasee	8	Moderate
WsE	Wawasee loam, 18 to 25 percent slopes	Wawasee	8	Moderate
WvC3	Wawasee sandy clay loam, 6 to 12 percent slopes, severely eroded	Wawasee	8	Moderate
WvD3	Wawasee sandy clay loam, 12 to 18 percent slopes, severely eroded	Wawasee	8	Moderate
Wx	Whitaker loam	Whitaker	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.