

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

Map symbol	Map unit name	Component	NLI	Rating
BeB	Belmore fine sandy loam, 2 to 6 percent slopes	Belmore	13	High
BgmA	Blount silt loam, ground moraine, 0 to 2 percent slopes	Blount	4	Moderate
BgmB	Blount silt loam, ground moraine, 2 to 4 percent slopes	Blount	4	Moderate
BgmB2	Blount silt loam, ground moraine, 1 to 4 percent slopes, eroded	Blount	4	Moderate
BhA	Belmore loam, 0 to 2 percent slopes	Belmore	13	High
BhB	Belmore loam, 2 to 6 percent slopes	Belmore	13	High
BkA	Berrien loamy fine sand, moderately fine substratum, 0 to 2 percent slopes	Berrien	13	High
BlA	Blount loam, 0 to 2 percent slopes	Blount	4	Moderate
BleA	Blount silt loam, end moraine, 0 to 2 percent slopes	Blount	4	Moderate
BleB	Blount silt loam, end moraine, 2 to 4 percent slopes	Blount	4	Moderate
BleB2	Blount silt loam, end moraine, 1 to 4 percent slopes, eroded	Blount	4	Moderate
BmA	Blount silt loam, 0 to 2 percent slopes	Blount	4	Moderate
BmB	Blount silt loam, 2 to 6 percent slopes	Blount	5	Moderate
BmB2	Blount silt loam, 1 to 4 percent slopes, eroded	Blount	4	Moderate
Bn	Bono mucky silty clay	Bono	5	Moderate
Bo	Bono silty clay	Bono	5	Moderate
Bp	Borrow pits	Udorthents	0	Not Rated
Br	Brookston silt loam	Brookston	7	Moderate
Bs	Brookston silty clay loam	Brookston	7	Moderate
Ca	Houghton muck, drained, 0 to 1 percent slopes	Houghton	13	High
ChB	Chelsea fine sand, 2 to 6 percent slopes	Chelsea	13	High
ChC	Chelsea fine sand, 6 to 12 percent slopes	Chelsea	13	High
ChD	Chelsea fine sand, 12 to 18 percent slopes	Chelsea	13	High
CrA	Crosby loam, 0 to 2 percent slopes	Crosby	5	Moderate
CsA	Crosby silt loam, 0 to 2 percent slopes	Crosby	5	Moderate
CsB	Crosby silt loam, 2 to 6 percent slopes	Crosby	5	Moderate
CsB2	Crosby silt loam, 2 to 6 percent slopes, moderately eroded	Crosby	5	Moderate
Dr	Del Rey silt loam	Del Rey	5	Moderate

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
Ee	Eel loam	Eel	5	Moderate
Es	Eel silt loam	Eel	5	Moderate
FmA	Fox loam, till plain, 0 to 2 percent slopes	Fox	7	Moderate
FmB	Fox loam, till plain, 2 to 6 percent slopes	Fox	7	Moderate
FmC2	Fox loam, till plain, 6 to 12 percent slopes, eroded	Fox	7	Moderate
Ge	Genesee loam	Genesee	7	Moderate
Gh	Genesee silt loam	Genesee	7	Moderate
GlpB3	Glynwood clay loam, end moraine, 2 to 6 percent slopes, severely eroded	Glynwood	4	Moderate
GlpC2	Glynwood clay loam, 6 to 12 percent slopes, eroded	Glynwood	4	Moderate
GlpC3	Glynwood clay loam, 6 to 12 percent slopes, severely eroded	Glynwood	4	Moderate
GlqB3	Glynwood clay loam, ground moraine, 2 to 6 percent slopes, severely eroded	Glynwood	4	Moderate
GlqC2	Glynwood clay loam, ground moraine, 6 to 12 percent slopes, eroded	Glynwood	4	Moderate
GlrB	Glynwood silt loam, end moraine, 2 to 6 percent slopes	Glynwood	4	Moderate
GlrB2	Glynwood silt loam, end moraine, 2 to 6 percent slopes, eroded	Glynwood	4	Moderate
GlrC	Glynwood silt loam, 6 to 12 percent slopes	Glynwood	4	Moderate
GlsB	Glynwood silt loam, ground moraine, 2 to 6 percent slopes	Glynwood	4	Moderate
GlsB2	Glynwood silt loam, ground moraine, 2 to 6 percent slopes, eroded	Glynwood	4	Moderate
GlsC	Glynwood silt loam, ground moraine, 6 to 12 percent slopes	Glynwood	4	Moderate
GlyC3	Glynwood-Mississinewa clay loams, 6 to 12 percent slopes, severely eroded	Glynwood	4	Moderate
Gm	Genesee silty clay loam	Genesee	7	Moderate
Gn	Genesee fine sandy loam, sandy variant	Genesee variant	13	High
Go	Gilford fine sandy loam, till plain, 0 to 2 percent slopes	Gilford	13	High
HaA	Haskins loam, 0 to 2 percent slopes	Haskins	4	Moderate
HaB	Haskins loam, 2 to 6 percent slopes	Haskins	4	Moderate
HcA	Hoytville silty clay loam, 0 to 1 percent slopes	Hoytville	5	Moderate

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
HnA	Whitaker fine sandy loam, 0 to 2 percent slopes	Whitaker	7	Moderate
HoA	Whitaker loam, 0 to 2 percent slopes	Whitaker	7	Moderate
HoB	Whitaker loam, 2 to 6 percent slopes	Whitaker	7	Moderate
HpA	Whitaker silt loam, 0 to 2 percent slopes	Whitaker	7	Moderate
HtA	Hoytville silty clay, 0 to 1 percent slopes	Hoytville	5	Moderate
Le	Lenawee mucky silty clay loam	Lenawee	5	Moderate
Ls	Lenawee silty clay loam	Lenawee	5	Moderate
Lw	Palms muck, drained, 0 to 1 percent slopes	Palms	7	Moderate
Ma	Made land	Made land	0	Not Rated
McA	Martinsville loam, 0 to 2 percent slopes	Martinsville	7	Moderate
McB	Martinsville loam, 2 to 6 percent slopes	Martinsville	7	Moderate
McB2	Martinsville loam, 2 to 6 percent slopes, moderately eroded	Martinsville	7	Moderate
McC2	Martinsville loam, 6 to 12 percent slopes, moderately eroded	Martinsville	7	Moderate
MeA	Martinsville loam, gravelly substratum, 0 to 2 percent slopes	Martinsville	7	Moderate
MeB	Martinsville loam, gravelly substratum, 2 to 6 percent slopes	Martinsville	7	Moderate
MfA	Martinsville silt loam, 0 to 2 percent slopes	Martinsville	7	Moderate
MgC3	Martinsville soils, 6 to 12 percent slopes, severely eroded	Martinsville	7	Moderate
Mh	Mermill complex	Mermill	7	Moderate
MkB2	Miami loam, 2 to 6 percent slopes, eroded	Miami	5	Moderate
MlC2	Miami silt loam, 6 to 12 percent slopes, moderately eroded	Miami	5	Moderate
MmC3	Miami clay loam, Saginaw lobe, 6 to 12 percent slopes, severely eroded	Miami	5	Moderate
MrB	Glynwood silt loam, 2 to 6 percent slopes	Glynwood	4	Moderate
MrB2	Glynwood silt loam, 2 to 6 percent slopes, eroded	Glynwood	4	Moderate
MrC	Morley silt loam, 6 to 12 percent slopes	Morley	5	Moderate
MrC2	Morley silt loam, 6 to 12 percent slopes, moderately eroded	Morley	5	Moderate
MrD2	Morley silt loam, 12 to 18 percent slopes, moderately eroded	Morley	5	Moderate
MrE2	Morley silt loam, 18 to 25 percent slopes, moderately eroded	Morley	5	Moderate

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
MsB3	Glynwood clay loam, 2 to 6 percent slopes, severely eroded	Glynwood	4	Moderate
MsC3	Morley soils, 6 to 12 percent slopes, severely eroded	Morley	4	Moderate
MsD3	Morley soils, 12 to 18 percent slopes, severely eroded	Morley	4	Moderate
MsE3	Morley soils, 18 to 25 percent slopes, severely eroded	Morley	4	Moderate
MsnA	Minster silty clay loam, 0 to 1 percent slopes	Minster	5	Moderate
MsoA	Minster silty clay loam, till substratum, 0 to 1 percent slopes	Minster	5	Moderate
Na	Nappanee silt loam	Nappanee	5	Moderate
Np	Nappanee silty clay loam	Nappanee	5	Moderate
OfA	Oshtemo fine sandy loam, loamy substratum, 0 to 2 percent slopes	Oshtemo	13	High
OfB	Oshtemo fine sandy loam, loamy substratum, 2 to 6 percent slopes	Oshtemo	13	High
OfC2	Oshtemo fine sandy loam, loamy substratum, 6 to 12 percent slopes, moderately eroded	Oshtemo	13	High
OsA	Oshtemo sandy loam, 0 to 2 percent slopes	Oshtemo	13	High
OsB	Oshtemo sandy loam, 2 to 6 percent slopes	Oshtemo	13	High
Pc	Pewamo mucky silty clay loam	Pewamo	5	Moderate
Pe	Pewamo silty clay loam, 0 to 1 percent slopes	Pewamo	5	Moderate
PlB	Plainfield fine sand, moderately fine substratum, 2 to 6 percent slopes	Plainfield	13	High
PlC	Plainfield fine sand, moderately fine substratum, 6 to 12 percent slopes	Plainfield	13	High
Pmg	Pits, Gravel	Pits	0	Not Rated
Eps	Pits, Quarries, Limestone	Pits, quarries, limestone	0	Not Rated
RaB	Rawson fine sandy loam, 2 to 6 percent slopes	Rawson	5	Moderate
R1A	Rawson loam, 0 to 2 percent slopes	Rawson	5	Moderate
R1B2	Rawson loam, 2 to 6 percent slopes, moderately eroded	Rawson	5	Moderate
R1C2	Rawson loam, 6 to 12 percent slopes, moderately eroded	Rawson	5	Moderate
Rm	Rensselaer loam	Rensselaer	7	Moderate
Rn	Rensselaer mucky silty clay loam	Rensselaer	7	Moderate

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
Ro	Rensselaer silt loam	Rensselaer	7	Moderate
Rs	Rensselaer silty clay loam	Rensselaer	7	Moderate
SaB	St. Clair silt loam, 2 to 6 percent slopes	St. Clair	4	Moderate
SarA	Saranac silty clay loam, 0 to 1 percent slopes, frequently flooded	Saranac	5	Moderate
ScB2	St. Clair silty clay loam, 2 to 6 percent slopes, moderately eroded	St. Clair	4	Moderate
ScC2	St. Clair silty clay loam, 6 to 12 percent slopes, moderately eroded	St. Clair	4	Moderate
SgnA	Shoals silty clay loam, 0 to 1 percent slopes, frequently flooded	Shoals	7	Moderate
Sh	Shoals silty clay loam	Shoals	7	Moderate
Ta	Adrian muck, drained, 0 to 1 percent slopes	Adrian	13	High
W	Water	Water	0	Not Rated
Wa	Wallkill silt loam	Wallkill	7	Moderate
Wc	Wallkill silty clay loam	Wallkill	7	Moderate
Wh	Washtenaw silt loam	Washtenaw	5	Moderate
Ws	Westland loam	Westland	7	Moderate
Wt	Westland silty clay loam	Westland	7	Moderate
Wu	Willette muck	Willette	5	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.