

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

Map symbol	Map unit name	Component	NLI	Rating
Au	Aubbeenaubbee sandy loam, 0 to 2 percent slopes	Aubbeenaubbee	5	Moderate
Ba	Blount loam, 1 to 3 percent slopes	Blount	5	Moderate
BgmA	Blount silt loam, ground moraine, 0 to 2 percent slopes	Blount	4	Moderate
BleA	Blount silt loam, end moraine, 0 to 2 percent slopes	Blount	4	Moderate
Br	Brookston loam	Brookston	10	High
ChB	Chelsea fine sand, 2 to 9 percent slopes	Chelsea	15	High
Cr	Crosier loam, 0 to 2 percent slopes	Crosier	5	Moderate
Fn	Fincastle silt loam, Tipton Till Plain, 0 to 2 percent slopes	Fincastle	10	High
FsA	Fox silt loam, till plain, 0 to 2 percent slopes	Fox	10	High
FsB	Fox silt loam, till plain, 2 to 6 percent slopes	Fox	10	High
FzC3	Fox clay loam, 8 to 15 percent slopes, severely eroded	Fox	10	High
Ge	Gessie silt loam	Gessie	10	High
GlpC3	Glynwood clay loam, 6 to 12 percent slopes, severely eroded	Glynwood	4	Moderate
GlrB	Glynwood silt loam, end moraine, 2 to 6 percent slopes	Glynwood	4	Moderate
GlsB	Glynwood silt loam, ground moraine, 2 to 6 percent slopes	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
Gr	Gilford sandy loam, till plain, 0 to 2 percent slopes	Gilford	15	High
HeG	Hennepin silt loam, 25 to 50 percent slopes	Hennepin	5	Moderate
Hx	Houghton muck, drained	Houghton	15	High
MaA	Martinsville sandy loam, 0 to 2 percent slopes	Martinsville	10	High
MeB	Metea loamy fine sand, 2 to 6 percent slopes	Metea	5	Moderate
MhB	Miami silt loam, 2 to 6 percent slopes	Miami	5	Moderate
MhC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	Miami	5	Moderate
MhD3	Miami clay loam, Saginaw lobe, 12 to 18 percent slopes, severely eroded	Miami	5	Moderate
Mk	Milford silty clay	Milford	5	Moderate
Mm	Millsdale silty clay loam	Millsdale	5	Moderate

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
Mp	Milton silt loam, 0 to 2 percent slopes	Milton	5	Moderate
MrB	Morley sandy loam, 2 to 6 percent slopes	Morley	4	Moderate
MsB	Glynwood silt loam, 2 to 6 percent slopes	Glynwood	4	Moderate
MsC	Morley silt loam, 6 to 12 percent slopes	Morley	4	Moderate
MsD	Morley silt loam, 12 to 18 percent slopes	Morley	4	Moderate
MtC3	Morley silty clay loam, 6 to 12 percent slopes, severely eroded	Morley	4	Moderate
MtD3	Morley silty clay loam, 12 to 25 percent slopes, severely eroded	Morley	4	Moderate
OcA	Ockley silt loam, 0 to 2 percent slopes	Ockley	10	High
OcB	Ockley silt loam, 2 to 6 percent slopes	Ockley	10	High
Omz	Orthents, earthen dam	Orthents	0	Not Rated
Or	Orthents, loamy	Udorthents	0	Not Rated
OsB	Ormas-Oshtemo loamy sands, 2 to 8 percent slopes	Ormas	15	High
OtA	Oshtemo sandy loam, 0 to 4 percent slopes	Oshtemo	15	High
Pm	Palms muck, drained	Palms	10	High
Pt	Patton silty clay loam	Patton	5	Moderate
Pw	Pewamo silty clay loam, 0 to 1 percent slopes	Pewamo	5	Moderate
Pz	Pits, Quarry, Limestone	Pits, quarries, limestone	0	Not Rated
Re	Rensselaer loam	Rensselaer	10	High
Ro	Ross loam	Ross	10	High
Se	Sebewa loam, disintegration moraine, 0 to 1 percent slopes	Sebewa	10	High
Sh	Shoals silt loam, 0 to 2 percent slopes, occasionally flooded	Shoals	10	High
Sn	Sleeth loam	Sleeth	10	High
So	Sloan silty clay loam	Sloan	10	High
St	Stonelick sandy loam	Stonelick	15	High
Tr	Treaty silt loam, 0 to 2 percent slopes	Treaty	10	High
W	Water	Water	0	Not Rated

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
Wh	Washtenaw silt loam	Washtenaw	5	Moderate
WsB	Wawasee sandy loam, 2 to 6 percent slopes	Wawasee	10	High
WsC	Wawasee sandy loam, 6 to 12 percent slopes	Wawasee	10	High
WsC3	Wawasee loam, 6 to 12 percent slopes, severely eroded	Wawasee	5	Moderate
WsD3	Wawasee loam, 12 to 18 percent slopes, severely eroded	Wawasee	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.