

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

Map symbol	Map unit name	Component	NLI	Rating
Ad	Ackerman muck, drained	Ackerman	5	Moderate
BgmA	Blount silt loam, ground moraine, 0 to 2 percent slopes	Blount	4	Moderate
BmC	Bloomfield loamy fine sand, 4 to 12 percent slopes	Bloomfield	15	High
ChC	Chelsea loamy fine sand, 4 to 12 percent slopes	Chelsea	15	High
CpA	Crosier loam, 0 to 3 percent slopes	Crosier	5	Moderate
Cy	Cyclone silt loam, 0 to 2 percent slopes	Cyclone	8	Moderate
FcA	Fincastle silt loam, Tipton Till Plain, 0 to 2 percent slopes	Fincastle	8	Moderate
Ge	Gessie Variant silt loam, occasionally flooded	Gessie variant	8	Moderate
Gf	Gilford sandy loam, till plain, 0 to 2 percent slopes	Gilford	15	High
Gg	Gilford loam, gravelly substratum	Gilford	15	High
GlpC3	Glynwood clay loam, 6 to 12 percent slopes, severely eroded	Glynwood	4	Moderate
GlsB	Glynwood silt loam, ground moraine, 2 to 6 percent slopes	Glynwood	4	Moderate
HeE	Hennepin loam, 25 to 60 percent slopes	Hennepin	5	Moderate
Hh	Houghton muck, drained	Houghton	15	High
KoB	Kosciusko silt loam, 2 to 6 percent slopes	Kosciusko	8	Moderate
KsC3	Kosciusko sandy clay loam, 6 to 12 percent slopes, severely eroded	Kosciusko	8	Moderate
Ma	Maumee loamy fine sand	Maumee	15	High
MkC	Metea loamy fine sand, 3 to 10 percent slopes	Metea	5	Moderate
MnB2	Miami silt loam, 2 to 6 percent slopes, eroded	Miami	5	Moderate
MnC2	Miami silt loam, 6 to 12 percent slopes, eroded	Miami	5	Moderate
MnD2	Miami silt loam, 12 to 18 percent slopes, eroded	Miami	5	Moderate
MoC3	Miami clay loam, 6 to 14 percent slopes, severely eroded	Miami	5	Moderate
Ms	Millsdale silty clay loam	Millsdale	5	Moderate
MxC3	Morley clay loam, 6 to 12 percent slopes, severely eroded	Morley	5	Moderate
Mz	Morocco loamy fine sand	Morocco	15	High
NeB	NewGlarus silt loam, 2 to 6 percent slopes	Newglarus	5	Moderate
NeC	NewGlarus silt loam, 6 to 12 percent slopes	Newglarus	5	Moderate
ObA	Oakville loamy fine sand, 0 to 3 percent slopes	Oakville	15	High

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OsB	Ormas loamy fine sand, 2 to 6 percent slopes	Ormas	15	High
Po	Patton silty clay loam, 0 to 2 percent slopes	Patton	8	Moderate
Pp	Pits, gravel	Pits	0	Not Rated
Ps	Pits, Quarries	Pits, quarries, limestone	0	Not Rated
Rn	Rensselaer loam, till substratum	Rensselaer	8	Moderate
RsB	Riddles silt loam, 2 to 6 percent slopes	Riddles	8	Moderate
RsC	Riddles silt loam, 6 to 12 percent slopes	Riddles	8	Moderate
RtA	Rush silt loam, 0 to 2 percent slopes	Rush	8	Moderate
RtB	Rush silt loam, 2 to 6 percent slopes	Rush	8	Moderate
RuB	Russell silt loam, 2 to 6 percent slopes	Russell	8	Moderate
RuC	Russell silt loam, 6 to 12 percent slopes	Russell	8	Moderate
Sh	Shoals silty clay loam, frequently flooded	Shoals	8	Moderate
Sm	Sleeth silt loam	Sleeth	8	Moderate
SrA	Starks silt loam, 0 to 3 percent slopes	Starks	8	Moderate
St	Stonelick loamy fine sand, occasionally flooded	Stonelick	15	High
W	Water	Water	0	Not Rated
WeB	Wawasee sandy loam, 2 to 8 percent slopes	Wawasee	8	Moderate
XeA	Xenia silt loam, 0 to 2 percent slopes	Xenia	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.