

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

Map symbol	Map unit name	Component	NLI	Rating
Br	Brookston silty clay loam, 0 to 2 percent slopes	Brookston	13	High
CrA	Crosby silt loam, fine-loamy subsoil, 0 to 2 percent slopes	Crosby	7	Moderate
FxA	Fox loam, 0 to 2 percent slopes	Fox	13	High
FxB2	Fox loam, 2 to 6 percent slopes, eroded	Fox	13	High
FxC3	Fox clay loam, 8 to 18 percent slopes, severely eroded	Fox	13	High
Ge	Gessie silt loam, 0 to 2 percent slopes, frequently flooded	Gessie	13	High
HeF	Hennepin loam, 18 to 50 percent slopes	Hennepin	7	Moderate
Ho	Houghton muck	Houghton	19	High
MmA	Miami silt loam, 0 to 2 percent slopes	Miami	7	Moderate
MmB2	Miami silt loam, 2 to 6 percent slopes, eroded	Miami	7	Moderate
MmC2	Miami silt loam, 6 to 12 percent slopes, eroded	Miami	7	Moderate
MmD2	Miami silt loam, 12 to 18 percent slopes, eroded	Miami	7	Moderate
MoC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	Miami	7	Moderate
MoD3	Miami clay loam, 12 to 18 percent slopes, severely eroded	Miami	5	Moderate
MxA	Milton Variant silt loam, 0 to 2 percent slopes	Milton variant	7	Moderate
NnA	Nineveh loam, 0 to 2 percent slopes	Nineveh	13	High
OcA	Ockley silt loam, 0 to 2 percent slopes	Ockley	13	High
OcB2	Ockley silt loam, 2 to 6 percent slopes, eroded	Ockley	13	High
Omz	Orthents, earthen dam	Orthents	0	Not Rated
Or	Orthents	Orthents	0	Not Rated
Pa	Palms muck	Palms	13	High
Pn	Patton silty clay loam, 0 to 2 percent slopes	Patton	13	High
Ps	Patton silty clay loam, limestone substratum, 0 to 2 percent slopes, rarely flooded	Patton	13	High
Pt	Pits	Pits	0	Not Rated
Ra	Randolph Variant silt loam	Randolph variant	7	Moderate
Ro	Ross loam	Ross	13	High
Sh	Shoals silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Shoals	13	High

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
St	Sleeth loam	Sleeth	13	High
Sx	Sloan silty clay loam, sandy substratum	Sloan	13	High
W	Water	Water	0	Not Rated
We	Westland silty clay loam, 0 to 2 percent slopes	Westland	13	High
Wh	Whitaker loam	Whitaker	13	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.