

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

Map symbol	Map unit name	Component	NLI	Rating
Br	Brookston silt loam, overwash	Brookston	11	High
Bs	Brookston silty clay loam, 0 to 2 percent slopes	Brookston	11	High
CrA	Crosby silt loam, fine-loamy subsoil, 0 to 2 percent slopes	Crosby	7	Moderate
CsB2	Crosby-Miami silt loams, 2 to 4 percent slopes, eroded	Crosby	7	Moderate
FcA	Fincastle silt loam, Tipton Till Plain, 0 to 2 percent slopes	Fincastle	11	High
FoA	Fox loam, 0 to 2 percent slopes	Fox	11	High
FoB2	Fox loam, 2 to 6 percent slopes, eroded	Fox	11	High
FoC2	Fox loam, 6 to 12 percent slopes, eroded	Fox	11	High
FxC3	Fox clay loam, 6 to 12 percent slopes, severely eroded	Fox	11	High
Gn	Genesee silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration	Genesee	11	High
Gs	Genesee sandy loam, sandy substratum	Genesee	11	High
HeF	Hennepin loam, 25 to 50 percent slopes	Hennepin	7	Moderate
Mc	Mahalasville silty clay loam, clayey subsoil	Mahalasville	7	Moderate
MeA	Martinsville loam, 0 to 2 percent slopes	Martinsville	11	High
MeB2	Martinsville loam, 2 to 6 percent slopes, eroded	Martinsville	11	High
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
MmE2	Miami silt loam, 18 to 25 percent slopes, eroded	Miami	7	Moderate
MsB3	Miami clay loam, 2 to 6 percent slopes, severely eroded	Miami	7	Moderate
MsC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	Miami	7	Moderate
MsD3	Miami clay loam, 12 to 18 percent slopes, severely eroded	Miami	7	Moderate
OcA	Ockley silt loam, 0 to 2 percent slopes	Ockley	11	High
OcB2	Ockley silt loam, 2 to 6 percent slopes, eroded	Ockley	11	High
OsA	Ockley silt loam, loamy substratum, 0 to 2 percent slopes	Ockley	11	High
OsB2	Ockley silt loam, loamy substratum, 2 to 6 percent slopes, eroded	Ockley	11	High
Pmg	Pits, gravel	Pits, gravel	0	Not Rated

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
Ra	Ragsdale silty clay loam, 0 to 2 percent slopes	Ragsdale	11	High
Rn	Rensselaer clay loam	Rensselaer	11	High
RuB2	Russell silt loam, 2 to 6 percent slopes, eroded	Russell	11	High
RuC2	Russell silt loam, 6 to 12 percent slopes, eroded	Russell	11	High
Sh	Shoals silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Shoals	11	High
W	Water	Water	0	Not Rated
Wh	Whitaker silt loam, 0 to 2 percent slopes	Whitaker	11	High
XeA	Xenia silt loam, 0 to 2 percent slopes	Xenia	11	High
XeB2	Xenia silt loam, 2 to 6 percent slopes, eroded	Xenia	11	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.