

Indiana Nitrate Leaching Index
 Marion 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	10	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
Ee	Eel silt loam	Eel	7	Moderate
FoA	Fox loam, 0 to 2 percent slopes	Fox	10	High
FoB2	Fox loam, 2 to 6 percent slopes, eroded	Fox	10	High
FxC2	Fox complex, 6 to 15 percent slopes, eroded	Fox	10	High
Ge	Gessie silt loam, 0 to 2 percent slopes, frequently flooded	Gessie	10	High
HeF	Hennepin loam, 25 to 50 percent slopes	Hennepin	7	Moderate
MgA	Martinsville silt loam, 0 to 2 percent slopes	Martinsville	10	High
MgB2	Martinsville silt loam, 2 to 6 percent slopes, eroded	Martinsville	10	High
MmA	Miami silt loam, 0 to 2 percent slopes, gravelly substratum	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
MxD2	Miami complex, 12 to 18 percent slopes, eroded	Miami	7	Moderate
MxE2	Miami complex, 18 to 24 percent slopes, eroded	Miami	7	Moderate
OcA	Ockley silt loam, 0 to 2 percent slopes	Ockley	10	High
OcB2	Ockley silt loam, 2 to 6 percent slopes, eroded	Ockley	10	High
Omz	Orthents, earthen dam	Orthents	0	Not Rated
Pg	Pits, gravel	Pits, gravel	0	Not Rated
Pml	Pits, quarry	Pits	0	Not Rated
Re	Rensselaer clay loam	Rensselaer	10	High
Sh	Shoals silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Shoals	10	High
Sk	Sleeth loam	Sleeth	10	High
Sn	Sloan silt loam	Sloan	10	High
Ua	Udorthents, cut and filled	Udorthents, Cut and filled	0	Not Rated
Ub	Urban land-Brookston complex	Brookston	10	High

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
Uc	Urban land-Crosby-Treaty complex, fine loamy subsoil, 0 to 2 percent slopes	Crosby	7	Moderate
UfA	Urban land-Fox complex, 0 to 3 percent slopes	Fox	10	High
UfC	Urban land-Fox complex, 6 to 12 percent slopes	Fox	10	High
Ug	Urban land-Genesee complex	Genesee	10	High
UmB	Urban land-Miami complex, 0 to 6 percent slopes	Miami	7	Moderate
UmC	Urban land-Miami complex, 6 to 12 percent slopes	Miami	7	Moderate
Uw	Urban land-Westland complex	Westland	10	High
W	Water	Water	0	Not Rated
We	Westland clay loam	Westland	10	High
Wh	Whitaker silt loam, 0 to 2 percent slopes	Whitaker	10	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.