

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

Map symbol	Map unit name	Component	NLI	Rating
An	Allison variant silty clay, frequently flooded	Allison variant	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
Ca	Houghton muck, undrained, 0 to 1 percent slopes	Houghton	4	Moderate
CeB	Celina silt loam, 1 to 4 percent slopes	Celina	5	Moderate
CkB	Celina silt loam, stony subsoil, 1 to 4 percent slopes	Celina	5	Moderate
CnB	Crosby silt loam, stony subsoil, 1 to 3 percent slopes	Crosby	5	Moderate
Ee	Eel silt loam, frequently flooded	Eel	5	Moderate
EnA	Eldean variant loam, 0 to 2 percent slopes	Eldean variant	8	Moderate
FcA	Fincastle-Crosby silt loams, 0 to 2 percent slopes	Fincastle	8	Moderate
FoA	Fox loam, 0 to 2 percent slopes	Fox	8	Moderate
FoB	Fox loam, 2 to 6 percent slopes	Fox	8	Moderate
FxC3	Fox clay loam, 6 to 12 percent slopes, severely eroded	Fox	8	Moderate
GlpC2	Glynwood clay loam, 6 to 12 percent slopes, eroded	Glynwood	4	Moderate
GlpC3	Glynwood clay loam, 6 to 12 percent slopes, severely eroded	Glynwood	4	Moderate
GlyC3	Glynwood-Mississinewa clay loams, 6 to 12 percent slopes, severely eroded	Glynwood	4	Moderate
GnB2	Glynwood silt loam, 1 to 4 percent slopes, eroded	Glynwood	4	Moderate
LnB2	Losantville silt loam, 2 to 6 percent slopes, eroded	Losantville	4	Moderate
LnE	Losantville loam, 18 to 25 percent slopes	Losantville	4	Moderate
LoC3	Losantville clay loam, 6 to 12 percent slopes, severely eroded	Losantville	4	Moderate
LoD3	Losantville clay loam, 12 to 18 percent slopes, severely eroded	Losantville	4	Moderate
LsB2	Losantville silt loam, stony subsoil, 2 to 6 percent slopes, eroded	Losantville	4	Moderate
LtC3	Losantville clay loam, stony subsoil, 6 to 12 percent slopes, severely eroded	Losantville	4	Moderate
LtD3	Losantville clay loam, stony subsoil, 12 to 18 percent slopes, severely eroded	Losantville	4	Moderate
Lw	Palms muck, undrained, 0 to 1 percent slopes	Palms	4	Moderate
MoA	Miami silt loam, gravelly substratum, 0 to 2 percent slopes	Miami	5	Moderate

Indiana Nitrate Leaching Index--Continued  
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Map symbol	Map unit name	Component	NLI	Rating
MoB2	Miami silt loam, gravelly substratum, 2 to 6 percent slopes, eroded	Miami	5	Moderate
MuB	Morley silt loam, 3 to 6 percent slopes	Morley	5	Moderate
MyC3	Morley clay loam, 6 to 12 percent slopes, severely eroded	Morley	4	Moderate
Pn	Patton silty clay loam, 0 to 2 percent slopes	Patton	8	Moderate
Pw	Pewamo silty clay loam, 0 to 1 percent slopes	Pewamo	5	Moderate
Px	Pewamo silt loam, overwash	Pewamo	5	Moderate
Sa	Saranac silty clay, frequently flooded	Saranac	5	Moderate
Sm	Sleeth loam	Sleeth	8	Moderate
So	Sloan silt loam, frequently flooded	Sloan	8	Moderate
Tr	Treaty silt loam, 0 to 2 percent slopes	Treaty	8	Moderate
Ts	Treaty silt loam, stony subsoil	Treaty	5	Moderate
Ud	Udorthents, loamy	Udorthents	0	Not Rated
W	Water	Water	0	Not Rated
Wa	Wallkill silt loam, undrained	Wallkill	4	Moderate
Wo	Westland clay loam, limestone	Westland	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.