

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

Map symbol	Map unit name	Component	NLI	Rating
BgmA	Blount silt loam, ground moraine, 0 to 2 percent slopes	Blount	5	Moderate
BgmB2	Blount silt loam, ground moraine, 1 to 4 percent slopes, eroded	Blount	5	Moderate
Br	Brookston silt loam	Brookston	7	Moderate
Bs	Brookston silty clay loam, 0 to 2 percent slopes	Brookston	10	High
CaA	Camden silt loam, 0 to 2 percent slopes	Camden	10	High
CaB2	Camden silt loam, 2 to 6 percent slopes, moderately eroded	Camden	10	High
Cm	Houghton muck, drained, 0 to 1 percent slopes	Houghton	16	High
CnA	Celina silt loam, 0 to 2 percent slopes	Celina	7	Moderate
CnB2	Celina silt loam, 2 to 6 percent slopes, eroded	Celina	7	Moderate
Cp	Clay pits	Clay pits	0	Not Rated
CrA	Crosby silt loam, fine-loamy subsoil, 0 to 2 percent slopes	Crosby	7	Moderate
CrB2	Crosby silt loam, 2 to 4 percent slopes, eroded	Crosby	7	Moderate
Ed	Edwards muck	Edwards	7	Moderate
Es	Eel silt loam	Eel	7	Moderate
FaA	Fox fine sandy loam, 0 to 2 percent slopes	Fox	10	High
FaB	Fox fine sandy loam, 2 to 6 percent slopes	Fox	10	High
FoA	Fox silt loam, 0 to 2 percent slopes	Fox	10	High
FoB2	Fox silt loam, 2 to 6 percent slopes, moderately eroded	Fox	10	High
FoC2	Fox silt loam, 6 to 12 percent slopes, moderately eroded	Fox	10	High
FoD2	Fox silt loam, 12 to 18 percent slopes, moderately eroded	Fox	10	High
FrA	Fox silt loam, limestone substratum, 0 to 2 percent slopes	Fox	7	Moderate
FsA	Fox silt loam, till substratum, 0 to 2 percent slopes	Fox	10	High
FsB	Fox silt loam, till substratum, 2 to 6 percent slopes	Fox	7	Moderate
FsB2	Fox silt loam, till substratum, 2 to 6 percent slopes, moderately eroded	Fox	7	Moderate
FsC	Fox silt loam, till substratum, 6 to 12 percent slopes	Fox	7	Moderate
FsC2	Fox silt loam, till substratum, 6 to 12 percent slopes, moderately eroded	Fox	7	Moderate
FtC3	Fox soils, 6 to 12 percent slopes, severely eroded	Fox	10	High

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FxB3	Fox soils, till substratum, 2 to 6 percent slopes, severely eroded	Fox	7	Moderate
GlpC3	Glynwood clay loam, 6 to 12 percent slopes, severely eroded	Glynwood	5	Moderate
GlpB3	Glynwood clay loam, ground moraine, 2 to 6 percent slopes, severely eroded	Glynwood	5	Moderate
GlpC2	Glynwood clay loam, ground moraine, 6 to 12 percent slopes, eroded	Glynwood	5	Moderate
GlsB2	Glynwood silt loam, ground moraine, 2 to 6 percent slopes, eroded	Glynwood	5	Moderate
Gn	Genesee silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Genesee	10	High
Gr	Gravel pits	Pits, gravel	0	Not Rated
HeF2	Hennepin soils, 18 to 35 percent slopes, eroded	Hennepin	7	Moderate
Hm	Homer silt loam	Homer	10	High
Hn	Homer silt loam, limestone substratum	Homer	7	Moderate
Kc	Kokomo silty clay loam, 0 to 2 percent slopes	Kokomo	7	Moderate
Kg	Kokomo silty clay loam, gravelly substratum	Kokomo	7	Moderate
Km	Kokomo silty clay loam, stratified substratum	Kokomo	7	Moderate
Ks	Kokomo mucky silt loam, stratified substratum	Kokomo	7	Moderate
Kt	Kokomo mucky silty clay loam, gravelly substratum	Kokomo	7	Moderate
Lm	Palms muck, drained, 0 to 1 percent slopes	Palms	10	High
Ma	Made land	Made land	0	Not Rated
Mh	Mahalasville silt loam	Mahalasville	10	High
Ml	Mahalasville silty clay loam, 0 to 2 percent slopes	Mahalasville	10	High
Mm	Mahalasville silty clay loam, limestone substratum	Mahalasville	5	Moderate
MnA	Miami silt loam, 0 to 2 percent slopes	Miami	7	Moderate
MnB2	Miami silt loam, 2 to 6 percent slopes, moderately eroded	Miami	7	Moderate
MnC2	Miami silt loam, 6 to 12 percent slopes, moderately eroded	Miami	7	Moderate
MnD2	Miami silt loam, 12 to 18 percent slopes, moderately eroded	Miami	7	Moderate
MnE2	Miami silt loam, 18 to 25 percent slopes, moderately eroded	Miami	7	Moderate
MpB3	Miami soils, 2 to 6 percent slopes, severely eroded	Miami	7	Moderate

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MpC3	Miami soils, 6 to 12 percent slopes, severely eroded	Miami	7	Moderate
MpD3	Miami soils, 12 to 18 percent slopes, severely eroded	Miami	7	Moderate
MpE3	Miami soils, 18 to 25 percent slopes, severely eroded	Miami	7	Moderate
MrD	Morley silt loam, 12 to 18 percent slopes	Morley	7	Moderate
MsD3	Morley soils, 12 to 18 percent slopes, severely eroded	Morley	5	Moderate
OcA	Ockley silt loam, 0 to 2 percent slopes	Ockley	10	High
OcB	Ockley silt loam, 2 to 6 percent slopes	Ockley	10	High
Pc	Pewamo silty clay loam, 0 to 1 percent slopes	Pewamo	7	Moderate
RdE2	Rodman soils, 12 to 50 percent slopes, eroded	Rodman	16	High
Ro	Ross loam	Ross	10	High
Rs	Ross silt loam	Ross	10	High
Sh	Shoals silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Shoals	10	High
Sl	Sleeth silt loam	Sleeth	10	High
Sm	Sleeth silt loam, loamy substratum	Sleeth	10	High
So	Sloan silt loam	Sloan	10	High
Uby	Udorthents, loamy	Udorthents	0	Not Rated
Usl	Udorthents, rubbish	Udorthents	0	Not Rated
W	Water	Water	0	Not Rated
Wa	Wallkill complex	Wallkill	10	High
Wc	Washtenaw complex	Washtenaw	7	Moderate
Wd	Westland silty clay loam, 0 to 2 percent slopes	Westland	10	High
Ws	Westland silty clay loam, moderately deep	Westland	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.