

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

Map symbol	Map unit name	Component	NLI	Rating
Am	Allison silt loam, protected	Allison	8	Moderate
Ap	Allison silt loam, frequently flooded	Allison	8	Moderate
AtB2	Alvin-Spinks complex, 2 to 6 percent slopes, eroded	Alvin	13	High
Ba	Battleground silt loam, protected	Battleground	8	Moderate
Bb	Battleground silt loam, frequently flooded	Battleground	8	Moderate
BgA	Beecher silt loam, 0 to 2 percent slopes	Beecher	5	Moderate
BkF	Berks channery silt loam, 25 to 60 percent slopes	Berks	5	Moderate
BlA	Billett fine sandy loam, gravelly substratum, 0 to 2 percent slopes	Billett	13	High
BlB2	Billett fine sandy loam, gravelly substratum, 2 to 6 percent slopes, eroded	Billett	13	High
BmA	Billett fine sandy loam, moderately wet, 0 to 2 percent slopes	Billett	8	Moderate
BnA	Billett loam, gravelly substratum, 0 to 2 percent slopes	Billett	13	High
BnB2	Billett loam, gravelly substratum, 2 to 6 percent slopes, eroded	Billett	13	High
BoA	Bowes silt loam, 0 to 2 percent slopes	Bowes	8	Moderate
BpA	Bowes Variant silt loam, 0 to 2 percent slopes	Bowes variant	5	Moderate
CaA	Camden silt loam, 0 to 2 percent slopes	Camden	8	Moderate
CfB	Carmi sandy loam, 2 to 6 percent slopes	Carmi	13	High
CgA	Carmi loam, 0 to 2 percent slopes	Carmi	8	Moderate
Ck	Ceresco sandy loam, gravelly substratum, rarely flooded	Ceresco	13	High
Cl	Ceresco loam, gravelly substratum, occasionally flooded	Ceresco	8	Moderate
Cm	Chalmers silty clay loam	Chalmers	8	Moderate
Co	Cohoctah fine sandy loam, gravelly substratum, rarely flooded	Cohoctah	13	High
Cp	Cohoctah loam, gravelly substratum, occasionally flooded	Cohoctah	13	High
CrC	Coloma sand, 6 to 15 percent slopes	Coloma	13	High
CtA	Crosby silt loam, fine-loamy subsoil, 0 to 2 percent slopes	Crosby	5	Moderate
CwB2	Crosby-Miami silt loams, 2 to 4 percent slopes, eroded	Crosby	5	Moderate
DmC2	Desker gravelly sandy loam, 6 to 12 percent slopes, eroded	Desker	13	High

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DoC2	Desker sandy loam, kame, 6 to 12 percent slopes, eroded	Desker	13	High
DpD2	Desker-Rodman complex, kame, 12 to 18 percent slopes, eroded	Desker	13	High
Du	Drummer soils	Drummer	8	Moderate
Dy	Du Page loam, frequently flooded	Du Page	8	Moderate
EkA	Elston sandy loam, gravelly substratum, 0 to 2 percent slopes	Elston	13	High
EmA	Elston loam, gravelly substratum, 0 to 2 percent slopes	Elston	13	High
FcB	Fincastle-Crosby complex, 1 to 3 percent slopes	Fincastle	8	Moderate
Hd	Harpster silt loam, pothole	Harpster	8	Moderate
HfB2	High Gap Variant silt loam, 1 to 6 percent slopes, eroded	High Gap variant	5	Moderate
HfC2	High Gap Variant silt loam, 6 to 12 percent slopes, eroded	High Gap variant	5	Moderate
HnB	Hononegah loamy sand, 2 to 6 percent slopes	Hononegah	13	High
HoA	Hononegah fine sandy loam, 0 to 2 percent slopes	Hononegah	13	High
Hv	Houghton muck, undrained	Houghton	4	Moderate
KaA	Kalamazoo loam, 0 to 2 percent slopes	Kalamazoo	8	Moderate
KaB2	Kalamazoo loam, 2 to 6 percent slopes, eroded	Kalamazoo	8	Moderate
KbB2	Kalamazoo silt loam, 2 to 6 percent slopes, eroded	Kalamazoo	8	Moderate
KcB2	Kalamazoo silt loam, kame, 2 to 6 percent slopes, eroded	Kalamazoo	8	Moderate
KcC2	Kalamazoo silt loam, kame, 6 to 12 percent slopes, eroded	Kalamazoo	8	Moderate
KoD2	Kosciusko sandy loam, 12 to 18 percent slopes, eroded	Kosciusko	8	Moderate
KpC3	Kosciusko gravelly sandy clay loam, 6 to 12 percent slopes, severely eroded	Kosciusko	8	Moderate
LaA	Lafayette silt loam, 0 to 2 percent slopes	Lafayette	8	Moderate
LeA	La Hogue loam, till substratum, 0 to 2 percent slopes	La Hogue	8	Moderate
Lm	Lash silt loam, frequently flooded	Lash	8	Moderate
LnA	Lauramie silt loam, 0 to 2 percent slopes	Lauramie	8	Moderate
LnB2	Lauramie silt loam, 2 to 6 percent slopes, eroded	Lauramie	8	Moderate
LoA	Linkville loam, loamy substratum, 0 to 2 percent slopes	Linkville	8	Moderate
LoB	Linkville loam, loamy substatum, 2 to 6 percent slopes	Linkville	8	Moderate

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Map symbol	Map unit name	Component	NLI	Rating
LvB2	Longlois silt loam, 2 to 6 percent slopes, eroded	Longlois	8	Moderate
LwB2	Longlois silt loam, kame, 2 to 6 percent slopes, eroded	Longlois	8	Moderate
M-W	Miscellaneous water	Miscellaneous water	0	Not Rated
Mb	Mahalasville silty clay loam, gravelly substratum	Mahalasville	8	Moderate
Mc	Mahalasville silty clay loam, shale substratum	Mahalasville	8	Moderate
Md	Mahalasville-Treaty complex	Mahalasville	8	Moderate
MmB2	Marker silt loam, 2 to 6 percent slopes, eroded	Marker	5	Moderate
MoA	Mellott silt loam, 0 to 2 percent slopes	Mellott	8	Moderate
MsC2	Miami silt loam, 6 to 12 percent slopes, eroded	Miami	5	Moderate
MsD2	Miami silt loam, well drained, 12 to 18 percent slopes, eroded	Miami	5	Moderate
MtC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	Miami	5	Moderate
MtD3	Miami clay loam, 12 to 18 percent slopes, severely eroded	Miami	5	Moderate
Mu	Milford silty clay loam, pothole	Milford	5	Moderate
MwA	Mulvey silt loam, 0 to 2 percent slopes	Mulvey	8	Moderate
Mz	Muskego muck, drained	Muskego	13	High
OaB2	Oakville-Billett moderately wet, complex, 2 to 6 percent slopes, eroded	Oakville	13	High
OgA	Ockley silt loam, 0 to 2 percent slopes	Ockley	8	Moderate
OmB2	Octagon silt loam, 2 to 6 percent slopes, eroded	Octagon	5	Moderate
OmC2	Octagon silt loam, 6 to 12 percent slopes, eroded	Octagon	5	Moderate
OpC3	Octagon clay loam, 6 to 12 percent slopes, severely eroded	Octagon	5	Moderate
Ou	Ouiatenon sandy loam, frequently flooded	Ouiatenon	13	High
Ox	Ouiatenon loamy sand, occasionally flooded	Ouiatenon	13	High
Oy	Ouiatenon fine sandy loam, sandy substratum, frequently flooded	Ouiatenon	13	High
Pc	Palms muck, drained	Palms	8	Moderate
Pd	Palms muck, gravelly substratum, undrained	Palms	4	Moderate
Pg	Pella silty clay loam, pothole	Pella	8	Moderate

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Pk	Peotone silty clay loam, pothole	Peotone	5	Moderate
PmB	Pinevillage gravelly sandy loam, 2 to 8 percent slopes, rarely flooded	Pinevillage	13	High
Pt	Pits, gravel	Pits	0	Not Rated
RaB2	Rainsville silt loam, 2 to 6 percent slopes, eroded	Rainsville	5	Moderate
RcA	Raub-Brenton complex, 0 to 1 percent slopes	Raub	5	Moderate
RdA	Richardville silt loam, 0 to 2 percent slopes	Richardville	8	Moderate
RdB2	Richardville silt loam, 2 to 6 percent slopes, eroded	Richardville	8	Moderate
RdC2	Richardville silt loam, 6 to 12 percent slopes, eroded	Richardville	8	Moderate
RoB	Rockfield silt loam, 1 to 3 percent slopes	Rockfield	5	Moderate
RsF	Rodman gravelly loam, 25 to 60 percent slopes	Rodman	13	High
Rz	Ross silt loam, protected	Ross	8	Moderate
Sd	Saranac silty clay, gravelly substratum, occasionally flooded	Saranac	5	Moderate
Sf	Sawabash silty clay loam, frequently flooded	Sawabash	8	Moderate
ShB	Shadeland silt loam, 1 to 4 percent slopes	Shadeland	5	Moderate
SmA	Sleeth loam, 0 to 2 percent slopes	Sleeth	8	Moderate
Sn	Sloan clay loam, occasionally flooded	Sloan	8	Moderate
So	Sloan Variant silty clay loam, occasionally flooded	Sloan variant	5	Moderate
SrB	Sparta sand, 2 to 6 percent slopes	Sparta	13	High
SrC	Sparta sand, 6 to 12 percent slopes	Sparta	13	High
StC	Spinks fine sand, 6 to 12 percent slopes	Spinks	13	High
SwA	Starks-Fincastle complex, 0 to 2 percent slopes	Starks	8	Moderate
SyF	Strawn-Rodman complex, 18 to 50 percent slopes	Strawn	5	Moderate
TbA	Tecumseh silt loam, 0 to 2 percent slopes	Tecumseh	8	Moderate
TcA	Thackery silt loam, 0 to 2 percent slopes	Thackery	5	Moderate
TfB	Throckmorton silt loam, 1 to 3 percent slopes	Throckmorton	5	Moderate
Tg	Tice silty clay loam, frequently flooded	Tice	8	Moderate
TmA	Toronto-Millbrook complex, 0 to 2 percent slopes	Toronto	8	Moderate
TnB2	Toronto-Octagon complex, 2 to 6 percent slopes, eroded	Toronto	8	Moderate

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TtA	Troxel silty clay loam, 0 to 2 percent slopes	Troxel	8	Moderate
Ua	Udorthents, loamy	Udorthents	0	Not Rated
UbB	Urban land-Billett, gravelly substratum, complex, 2 to 8 percent slopes	Billett	13	High
UcA	Urban land-Carmi complex, 0 to 2 percent slopes	Carmi	8	Moderate
UmB	Urban land-Miami complex, 2 to 8 percent slopes	Miami	5	Moderate
UmC	Urban land-Miami complex, 8 to 15 percent slopes	Miami	5	Moderate
UsA	Urban land-Starks-Fincastle complex, 0 to 2 percent slopes	Starks	8	Moderate
W	Water	Water	0	Not Rated
Wb	Wallkill silt loam, coprogenous earth substratum	Wallkill	5	Moderate
We	Washtenaw silt loam	Washtenaw	5	Moderate
WgA	Waupecan silt loam, 0 to 2 percent slopes	Waupecan	8	Moderate
WhA	Waupecan silt loam, moderately wet, 0 to 2 percent slopes	Waupecan	5	Moderate
WmA	Waynetown silt loam, 0 to 2 percent slopes	Waynetown	8	Moderate
WtA	Wea silt loam, occasionally flooded	Wea	8	Moderate
WuA	Whitaker loam, till substratum, 0 to 2 percent slopes	Whitaker	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.