

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

Map symbol	Map unit name	Component	NLI	Rating
BdhAH	Bellcreek silty clay loam, 0 to 1 percent slopes, frequently flooded, brief duration	Bellcreek	5	Moderate
BdlC2	Belmore loam, 6 to 12 percent slopes, eroded	Belmore	10	High
BdmA	Belmore silt loam, 0 to 1 percent slopes	Belmore	10	High
BdmB2	Belmore silt loam, 1 to 5 percent slopes, eroded	Belmore	10	High
BdsAN	Benadum silt loam, drained, 0 to 1 percent slopes	Benadum	10	High
BdsAU	Benadum silt loam, undrained, 0 to 1 percent slopes	Benadum	4	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
BmlA	Blount-Del Rey silt loams, 0 to 1 percent slopes	Blount	5	Moderate
CdgC3	Casco sandy clay loam, 6 to 15 percent slopes, severely eroded	Casco	10	High
CudA	Crosby silt loam, 0 to 2 percent slopes	Crosby	5	Moderate
DdxA	Digby-Haney silt loams, 0 to 1 percent slopes	Digby	10	High
EdxA	Eldean silt loam, 0 to 2 percent slopes	Eldean	10	High
EdxB2	Eldean silt loam, 2 to 6 percent slopes, eroded	Eldean	10	High
EdxC2	Eldean silt loam, 6 to 12 percent slopes, eroded	Eldean	10	High
EdxD2	Eldean silt loam, 12 to 18 percent slopes, eroded	Eldean	10	High
EdxE2	Eldean silt loam, 18 to 35 percent slopes, eroded	Eldean	10	High
FexB2	Fox loam, 2 to 6 percent slopes, eroded	Fox	10	High
FexC2	Fox loam, 6 to 12 percent slopes, eroded	Fox	10	High
FgoB2	Fox-Muncie complex, 2 to 6 percent slopes, eroded	Fox	10	High
FgoC2	Fox-Muncie complex, 6 to 12 percent slopes, eroded	Fox	10	High
FgrC3	Fox-Muncie clay loams, 6 to 12 percent slopes, severely eroded	Fox	10	High
FgrD3	Fox-Muncie clay loams, 12 to 18 percent slopes, severely eroded	Fox	10	High
GlnAH	Gessie-Eel silt loams, 0 to 1 percent slopes, frequently flooded, brief duration	Gessie	10	High
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

Indiana Nitrate Leaching Index--Continued
 Delaware County, Indiana: Detailed Soil Map Legend

Map symbol	Map unit name	Component	NLI	Rating
GlqC2	Glynwood clay loam, ground moraine, 6 to 12 percent slopes, eroded	Glynwood	4	Moderate
GlrB2	Glynwood silt loam, 1 to 4 percent slopes, eroded	Glynwood	4	Moderate
GlyB3	Glynwood-Mississinewa clay loams, 2 to 6 percent slopes, severely eroded	Glynwood	4	Moderate
GlyC3	Glynwood-Mississinewa clay loams, 6 to 12 percent slopes, severely eroded	Glynwood	4	Moderate
HtbAN	Houghton muck, drained, 0 to 1 percent slopes	Houghton	15	High
HtbAU	Houghton muck, undrained, 0 to 1 percent slopes	Houghton	4	Moderate
LdfAH	Lash loam, 0 to 1 percent slopes, frequently flooded, brief duration	Lash	10	High
LneAW	Lickcreek silt loam, 0 to 3 percent slopes, occasionally flooded, very brief duration	Lickcreek	10	High
LshC3	Losantville clay loam, 6 to 12 percent slopes, severely eroded	Losantville	4	Moderate
LshD3	Losantville clay loam, 10 to 15 percent slopes, severely eroded	Losantville	4	Moderate
LteE	Lybrand-Belmore loams, 15 to 30 percent slopes	Lybrand	5	Moderate
LteG	Lybrand-Belmore loams, 30 to 50 percent slopes	Lybrand	5	Moderate
MecA	Martinsville loam, 0 to 2 percent slopes	Martinsville	10	High
MecB	Martinsville loam, 2 to 6 percent slopes	Martinsville	10	High
MmCB2	Miami loam, 2 to 6 percent slopes, eroded	Miami	5	Moderate
MmCC2	Miami loam, 6 to 12 percent slopes, eroded	Miami	5	Moderate
MoeB2	Miamian silt loam, New Castle Till Plain, 2 to 6 percent slopes, eroded	Miamian	5	Moderate
MoeC2	Miamian loam, 5 to 10 percent slopes, eroded	Miamian	5	Moderate
MorA	Milford mucky silty clay, pothole, 0 to 1 percent slopes	Milford	4	Moderate
MpHA	Milford silty clay loam, stratified sandy substratum, 0 to 1 percent slopes	Milford	5	Moderate
MprA	Milford silty clay loam, till substratum, 0 to 1 percent slopes	Milford	5	Moderate
MryA	Millgrove silty clay loam, 0 to 1 percent slopes	Millgrove	10	High
MumD2	Morley silt loam, 10 to 15 percent slopes, eroded	Morley	5	Moderate

Indiana Nitrate Leaching Index--Continued
 Delaware County, Indiana: Detailed Soil Map Legend

Map symbol	Map unit name	Component	NLI	Rating
MvbD3	Morley-Mississinewa clay loams, 10 to 15 percent slopes, severely eroded	Morley	5	Moderate
MvxA	Mountpleasant silt loam, 0 to 2 percent slopes	Mountpleasant	5	Moderate
MvxB2	Mountpleasant silt loam, 2 to 6 percent slopes, eroded	Mountpleasant	5	Moderate
MvxC2	Mountpleasant silt loam, 6 to 12 percent slopes, eroded	Mountpleasant	5	Moderate
MwzAN	Muskego muck, drained, 0 to 1 percent slopes	Muskego	5	Moderate
MwzAU	Muskego muck, undrained, 0 to 1 percent slopes	Muskego	4	Moderate
ObxA	Ockley silt loam, 0 to 2 percent slopes	Ockley	10	High
ObxB2	Ockley silt loam, 2 to 6 percent slopes, eroded	Ockley	10	High
PgaA	Pella silty clay loam, 0 to 1 percent slopes	Pella	10	High
PkKA	Pewamo silty clay loam, 0 to 1 percent slopes	Pewamo	5	Moderate
Pmg	Pits, gravel	Pits, gravel	0	Not Rated
Pml	Pits, quarry	Pits, quarry	0	Not Rated
ReyA	Rensselaer loam, 0 to 1 percent slopes	Rensselaer	10	High
RroAH	Ross-Lash loams, 0 to 1 percent slopes, frequently flooded, brief duration	Ross	10	High
RrwB	Rawson loam, 1 to 5 percent slopes	Rawson	5	Moderate
SgmAH	Shoals silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Shoals	10	High
SmsAH	Sloan silt loam, 0 to 1 percent slopes, frequently flooded, brief duration	Sloan	10	High
Sn1A	Southwest silt loam, 0 to 1 percent slopes	Southwest	5	Moderate
SvsE2	Strawn-Belmore loams, 15 to 30 percent slopes, eroded	Strawn	10	High
SvsG	Strawn-Belmore loams, 30 to 50 percent slopes	Strawn	10	High
ThrA	Treaty silty clay loam, 0 to 1 percent slopes	Treaty	10	High
Uam	Udorthents, loamy	Udorthents	5	Moderate
UccA	Urban land-Crosby-Treaty complex, 0 to 2 percent slopes	Crosby	5	Moderate
Ucu	Udorthents, loamy-skeletal	Udorthents	15	High
UdmA	Urban land-Blount-Pewamo complex, 0 to 2 percent slopes	Blount	5	Moderate
UemB	Urban land-Fox complex, 1 to 6 percent slopes	Fox	10	High
UetB	Urban land-Glynwood complex, 2 to 6 percent slopes	Glynwood	4	Moderate

Indiana Nitrate Leaching Index--Continued
 Delaware County, Indiana: Detailed Soil Map Legend

Map symbol	Map unit name	Component	NLI	Rating
UfuA	Urban land-Millgrove complex, 0 to 1 percent slopes	Millgrove	10	High
UhaB	Urban land-Wawaka-Miami complex, 1 to 6 percent slopes	Wawaka	5	Moderate
W	Water	Water	0	Not Rated
WbgB3	Wapahani clay loam, 1 to 5 percent slopes, severely eroded	Wapahani	4	Moderate
WbgC3	Wapahani clay loam, 5 to 10 percent slopes, severely eroded	Wapahani	4	Moderate
WdrA	Wawaka silt loam, 0 to 2 percent slopes	Wawaka	5	Moderate
WdrB2	Wawaka silt loam, 2 to 6 percent slopes, eroded	Wawaka	5	Moderate
WdrC2	Wawaka silt loam, 6 to 12 percent slopes, eroded	Wawaka	5	Moderate
WonA	Williamstown silt loam, 0 to 2 percent slopes	Williamstown	5	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.