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

Map symbol	Map unit name	Component	NLI	Rating
AfA	Alford silt loam, 0 to 2 percent slopes	Alford	10	High
Bc	Beckville loam, occasionally flooded	Beckville	7	Moderate
Be	Belleville loamy sand	Belleville	7	Moderate
BoA	Bowes variant silt loam, 0 to 2 percent slopes	Bowes variant	7	Moderate
BpC3	Boyer gravelly sandy loam, 6 to 15 percent slopes, severely eroded	Boyer	16	High
BrA	Brenton silt loam, 0 to 2 percent slopes	Brenton	10	High
BxA	Brenton variant silt loam, 0 to 2 percent slopes	Brenton variant	10	High
CbA	Camden silt loam, 0 to 2 percent slopes	Camden	10	High
CbB	Camden silt loam, 2 to 6 percent slopes	Camden	10	High
CbC2	Camden silt loam, 6 to 12 percent slopes, eroded	Camden	10	High
CcF	Casco loam, 18 to 35 percent slopes	Casco	10	High
Ce	Ceresco loam, occasionally flooded	Ceresco	10	High
Cg	Chagrin silt loam, rarely flooded	Chagrin	10	High
Ck	Cohoctah loam, frequently flooded	Cohoctah	10	High
CwA	Crosby silt loam, fine-loamy subsoil, 0 to 2 percent slopes	Crosby	7	Moderate
CyB2	Crosby-Miami silt loams, 2 to 4 percent slopes, eroded	Crosby	7	Moderate
Cz	Cyclone silty clay loam, 0 to 2 percent slopes	Cyclone	10	High
Du	Drummer silty clay loam	Drummer	10	High
FdA	Fincastle silt loam, Tipton Till Plain, 0 to 2 percent slopes	Fincastle	10	High
FdB	Fincastle silt loam, 2 to 4 percent slopes	Fincastle	10	High
FgB2	Fincastle-Miami silt loams, 2 to 6 percent slopes, eroded	Fincastle	10	High
HeF	Hennepin complex, 18 to 50 percent slopes	Hennepin	7	Moderate
HxF	Hennepin-rock outcrop complex, 35 to 90 percent slopes	Hennepin	7	Moderate
JaB	Jasper silt loam, till substratum, 2 to 6 percent slopes	Jasper	10	High
Lb	Landes variant fine sandy loam, rarely flooded	Landes variant	16	High
Lo	Lobdell silt loam, rarely flooded	Lobdell	10	High
Mb	Mahalasville silty clay loam, 0 to 2 percent slopes	Mahalasville	10	High
Mc	Mahalasville silty clay loam, gravelly substratum	Mahalasville	10	High

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

Map symbol	Map unit name	Component	NLI	Rating
MdD2	Martinsville-Ockley loams, till substratums, 12 to 18 percent slopes, eroded	Martinsville	10	High
MeB	Martinsville-Ockley silt loams, till substratums, 2 to 6 percent slopes	Martinsville	10	High
MeC	Martinsville-Ockley silt loams, till substratums, 6 to 12 percent slopes	Martinsville	10	High
MoC2	Miami silt loam, 6 to 12 percent slopes, eroded	Miami	7	Moderate
MoE2	Miami silt loam, 15 to 25 percent slopes, eroded	Miami	7	Moderate
MpC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	Miami	7	Moderate
MpD3	Miami clay loam, 12 to 18 percent slopes, severely eroded	Miami	7	Moderate
MrC2	Miami-Xenia silt loams, 4 to 10 percent slopes, eroded	Miami	7	Moderate
Ms	Milford silty clay loam, pothole	Milford	5	Moderate
Mt	Milford variant mucky silty clay	Milford variant	5	Moderate
MuA	Millbrook silt loam, 0 to 2 percent slopes	Millbrook	10	High
MvA	Millbrook variant silt loam, 0 to 2 percent slopes	Millbrook variant	10	High
Mw	Muskego muck, drained	Muskego	7	Moderate
My	Muskego muck, undrained	Muskego	5	Moderate
ObA	Ockley loam, 0 to 2 percent slopes	Ockley	10	High
OcA	Ockley silt loam, 0 to 2 percent slopes	Ockley	10	High
OcB	Ockley silt loam, 2 to 6 percent slopes	Ockley	10	High
OcC2	Ockley silt loam, 6 to 12 percent slopes, eroded	Ockley	10	High
OfB2	Ockley silt loam, kame, 2 to 6 percent slopes, eroded	Ockley	10	High
OfC2	Ockley silt loam, kame, 6 to 12 percent slopes, eroded	Ockley	10	High
OhB	Ockley loam, bedrock substratum, 1 to 4 percent slopes	Ockley	10	High
OnB	Octagon loam, 2 to 6 percent slopes	Octagon	7	Moderate
OnC	Octagon loam, 6 to 12 percent slopes	Octagon	7	Moderate
OsB	Ormas loamy sand, 1 to 4 percent slopes	Ormas	16	High
Pd	Palms muck, drained	Palms	10	High
PfB	Parr silt loam, 2 to 6 percent slopes	Parr	7	Moderate

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

Map symbol	Map unit name	Component	NLI	Rating
Ph	Pella silty clay loam	Pella	10	High
Po	Pits, gravel	Pits	0	Not Rated
Pq	Pits, quarries	Pits	0	Not Rated
PrA	Proctor silt loam, moderately wet, 0 to 2 percent slopes	Proctor	7	Moderate
PrB	Proctor silt loam, 2 to 6 percent slopes	Proctor	10	High
Ra	Ragsdale silty clay loam, 0 to 2 percent slopes	Ragsdale	10	High
ReA	Raub silt loam, 0 to 2 percent slopes	Raub	7	Moderate
RlA	Reesville silt loam, 0 to 2 percent slopes	Reesville	7	Moderate
RnA	Reesville-Fincastle silt loams, 0 to 2 percent slopes	Reesville	10	High
RoG	Rodman-rock outcrop complex, 35 to 70 percent slopes	Rodman	16	High
RtA	Rush silt loam, 0 to 1 percent slopes	Rush	10	High
RtB	Rush silt loam, 2 to 6 percent slopes	Rush	10	High
RwA	Rush variant silt loam, 0 to 2 percent slopes	Rush variant	7	Moderate
RxC	Russell silt loam, 6 to 12 percent slopes	Russell	10	High
Sa	Saranac silty clay loam, gravelly substratum, frequently flooded	Saranac	5	Moderate
Sb	Saranac silty clay loam, gravelly substratum, occasionally flooded	Saranac	7	Moderate
SdB	Shadeland silt loam, 1 to 4 percent slopes	Shadeland	7	Moderate
Sf	Shoals silt loam, occasionally flooded	Shoals	10	High
SlA	Starks silt loam, 0 to 2 percent slopes	Starks	10	High
SrA	Starks-Crosby silt loams, 0 to 2 percent slopes	Starks	10	High
StB	St. Charles silt loam, 2 to 6 percent slopes	St. Charles	10	High
Su	Stonelick silt loam, occasionally flooded	Stonelick	10	High
Sv	Stonelick variant fine sandy loam, frequently flooded	Stonelick variant	16	High
TgA	Toronto silt loam, 0 to 2 percent slopes	Toronto	10	High
Ty	Treaty silty clay loam, 0 to 1 percent slopes	Treaty	10	High
Ud	Udorthents, loamy	Udorthents	0	Not Rated
W	Water	Water	0	Not Rated

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
Wa	Wallkill silt loam	Wallkill	10	High
Wb	Washtenaw silt loam, frequently flooded	Washtenaw	10	High
WcA	Waupecan silt loam, 0 to 2 percent slopes	Waupecan	10	High
WdA	Waynetown silt loam, 0 to 2 percent slopes	Waynetown	10	High
WeB	Wea silt loam, 2 to 6 percent slopes	Wea	10	High
WfG	Weikert-rock outcrop complex, 35 to 80 percent slopes	Weikert	5	Moderate
WkA	Whitaker silt loam, till substratum, 0 to 2 percent slopes	Whitaker	10	High
XgB2	Xenia-Birkbeck silt loams, 2 to 6 percent slopes, eroded	Xenia	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.