

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

Map symbol	Map unit name	Component	NLI	Rating
AvA	Avonburg silt loam, 0 to 2 percent slopes	Avonburg	5	Moderate
AvB	Avonburg silt loam, 2 to 4 percent slopes	Avonburg	5	Moderate
Cg	Chagrín loam, frequently flooded	Chagrín	8	Moderate
Ch	Chagrín variant silt loam, frequently flooded	Chagrín variant	5	Moderate
CkB2	Cincinnati silt loam, 2 to 6 percent slopes, eroded	Cincinnati	5	Moderate
CkC2	Cincinnati silt loam, 6 to 12 percent slopes, eroded	Cincinnati	5	Moderate
CkC3	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded	Cincinnati	4	Moderate
Cm	Cobbsfork silt loam, 0 to 1 percent slopes	Cobbsfork	5	Moderate
CnG	Corydon-Rock outcrop complex, 15 to 35 percent slopes	Corydon	4	Moderate
CrA	Crosby silt loam, 0 to 2 percent slopes	Crosby	5	Moderate
Cy	Cyclone silt loam, 0 to 2 percent slopes	Cyclone	8	Moderate
FcA	Fincastle silt loam, 0 to 2 percent slopes	Fincastle	8	Moderate
FcB	Fincastle silt loam, 2 to 4 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
GfD	Grayford silt loam, 10 to 20 percent slopes	Grayford	8	Moderate
GrC2	Grayford-Ryker silt loams, 4 to 10 percent slopes, eroded	Grayford	8	Moderate
HeG	Hennepin loam, 35 to 60 percent slopes	Hennepin	5	Moderate
HkD2	Hickory loam, 12 to 18 percent slopes, eroded	Hickory	8	Moderate
HkE2	Hickory loam, 18 to 25 percent slopes, eroded	Hickory	8	Moderate
HkF	Hickory loam, 25 to 50 percent slopes	Hickory	8	Moderate
HlD3	Hickory clay loam, 12 to 18 percent slopes, severely eroded	Hickory	8	Moderate
Lb	Lobdell silt loam, frequently flooded	Lobdell	8	Moderate
MeA	Martinsville loam, 0 to 2 percent slopes	Martinsville	8	Moderate
MeB2	Martinsville loam, 2 to 6 percent slopes, eroded	Martinsville	8	Moderate
MmB2	Miami silt loam, 2 to 6 percent slopes, eroded	Miami	5	Moderate
MmC2	Miami silt loam, 6 to 12 percent slopes, eroded	Miami	5	Moderate
MmD2	Miami silt loam, well drained, 12 to 18 percent slopes, eroded	Miami	5	Moderate

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

Map symbol	Map unit name	Component	NLI	Rating
MoC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	Miami	5	Moderate
MoD3	Miami clay loam, 12 to 18 percent slopes, severely eroded	Miami	5	Moderate
Mr	Milford silty clay	Milford	5	Moderate
Ms	Millsdale silty clay loam, 0 to 2 percent slopes	Millsdale	5	Moderate
MtA	Milton silt loam, 0 to 2 percent slopes	Milton	5	Moderate
MtB2	Milton silt loam, 2 to 6 percent slopes, eroded	Milton	5	Moderate
My	Montgomery silty clay, gravelly substratum	Montgomery	5	Moderate
OcA	Ockley silt loam, 0 to 2 percent slopes	Ockley	8	Moderate
OcB	Ockley silt loam, 2 to 6 percent slopes	Ockley	8	Moderate
Omz	Orthents, earthen dam	Orthents	0	Not Rated
Or	Orrville silt loam, frequently flooded	Orrville	8	Moderate
RoG	Rodman gravelly sandy loam, 35 to 60 percent slopes	Rodman	8	Moderate
RsB2	Nabb silt loam, 2 to 6 percent slopes, eroded	Nabb	5	Moderate
RuB	Russell silt loam, 1 to 5 percent slopes	Russell	5	Moderate
So	Sloan silt loam, frequently flooded	Sloan	8	Moderate
Sr	Starks silt loam	Starks	8	Moderate
St	Stonelick fine sandy loam, frequently flooded	Stonelick	15	High
Ud	Udorthents-Pits complex	Udorthents	0	Not Rated
Usl	Udorthents, rubbish	Udorthents	0	Not Rated
W	Water	Water	0	Not Rated
WmB	Williamstown silt loam, 1 to 5 percent slopes	Williamstown	5	Moderate
XnA	Xenia silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes	Xenia	5	Moderate
XnB	Xenia silt loam, 2 to 4 percent slopes	Xenia	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.