

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

Map symbol	Map unit name	Component	NLI	Rating
AvA	Avonburg silt loam, 0 to 2 percent slopes	Avonburg	10	High
AvB2	Avonburg silt loam, 2 to 4 percent slopes, eroded	Avonburg	10	High
BmC	Bloomfield loamy fine sand, 4 to 12 percent slopes	Bloomfield	19	High
BoC2	Bonnell silty clay loam, 6 to 12 percent slopes, eroded	Bonnell	10	High
BoE2	Bonnell silty clay loam, 15 to 25 percent slopes, eroded	Bonnell	10	High
CaC2	Carmel silty clay loam, 6 to 12 percent slopes, eroded	Carmel	7	Moderate
CaC3	Carmel silty clay loam, 6 to 12 percent slopes, severely eroded	Carmel	7	Moderate
Ch	Chagrin silt loam, occasionally flooded	Chagrin	13	High
CnB2	Cincinnati silt loam, 2 to 6 percent slopes, eroded	Cincinnati	10	High
CnC2	Cincinnati silt loam, 6 to 12 percent slopes, eroded	Cincinnati	10	High
CnC3	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded	Cincinnati	7	Moderate
Co	Cobbsfork silt loam, 0 to 1 percent slopes	Cobbsfork	10	High
Dn	Dearborn loam, frequently flooded	Dearborn	13	High
Dr	Dearborn channery silt loam, frequently flooded	Dearborn	13	High
EdF2	Eden flaggy silty clay, 25 to 50 percent slopes	Eden	7	Moderate
EeE2	Eden silty clay loam, 15 to 50 percent slopes, eroded	Eden	7	Moderate
EkA	Elkinsville silt loam, rarely flooded, 0 to 2 percent slopes	Elkinsville	13	High
EkB	Elkinsville silt loam, rarely flooded, 2 to 8 percent slopes	Elkinsville	13	High
Hu	Huntington silt loam, 0 to 2 percent slopes, occasionally flooded	Huntington	13	High
MaB2	Markland silt loam, 1 to 6 percent slopes, eroded	Markland	10	High
MaC2	Markland silt loam, 8 to 15 percent slopes, eroded	Markland	10	High
Ne	Newark silt loam, 0 to 2 percent slopes, occasionally flooded	Newark	13	High
PaE2	Pate silt loam, 15 to 25 percent slopes, eroded	Pate	10	High
PkB	Pekin silt loam, rarely flooded, 1 to 4 percent slopes	Pekin	10	High
RoA	Rossmoyne silt loam, 0 to 2 percent slopes	Rossmoyne	10	High
RoB2	Nabb silt loam, 2 to 6 percent slopes, eroded	Nabb	10	High
SwB2	Switzerland silt loam, 2 to 6 percent slopes, eroded	Switzerland	10	High

Indiana Nitrate Leaching Index--Continued  
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Map symbol	Map unit name	Component	NLI	Rating
SwC2	Switzerland silt loam, 6 to 12 percent slopes, eroded	Switzerland	10	High
Ud	Udorthents, loamy	Udorthents, loamy	0	Not Rated
W	Water	Water	0	Not Rated
WgB2	Weisburg silt loam, 2 to 6 percent slopes, eroded	Weisburg	10	High
WgC2	Weisburg silt loam, 6 to 12 percent slopes, eroded	Weisburg	10	High
WhA	Wheeling loam, rarely flooded, 0 to 2 percent slopes	Wheeling	13	High
WhB	Wheeling loam, rarely flooded, 2 to 8 percent slopes	Wheeling	13	High
WhC	Wheeling loam, rarely flooded, 8 to 15 percent slopes	Wheeling	13	High
WhE	Wheeling loam, rarely flooded, 18 to 35 percent slopes	Wheeling	13	High
WvC	Woolper silty clay loam, 3 to 10 percent slopes	Woolper	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.