

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

Map symbol	Map unit name	Component	NLI	Rating
Ag	Algiers silt loam, frequently flooded	Algiers	13	High
AvA	Avonburg silt loam, 0 to 2 percent slopes	Avonburg	8	Moderate
AvB2	Avonburg silt loam, 2 to 6 percent slopes, eroded	Avonburg	8	Moderate
BaA	Bartle silt loam, 0 to 2 percent slopes	Bartle	8	Moderate
BeC2	Bonnell silt loam, 6 to 12 percent slopes, eroded	Bonnell	8	Moderate
BeD3	Bonnell silt loam, 12 to 18 percent slopes, severely eroded	Bonnell	8	Moderate
BeE	Bonnell silt loam, 18 to 35 percent slopes	Bonnell	8	Moderate
CbD2	Carmel silt loam, 12 to 18 percent slopes, eroded	Carmel	8	Moderate
CbE	Carmel silt loam, 18 to 35 percent slopes	Carmel	7	Moderate
CcB2	Cincinnati silt loam, 2 to 6 percent slopes, eroded	Cincinnati	8	Moderate
CcC2	Cincinnati silt loam, 6 to 12 percent slopes, eroded	Cincinnati	8	Moderate
CcC3	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded	Cincinnati	7	Moderate
CcD2	Cincinnati silt loam, 12 to 18 percent slopes, eroded	Cincinnati	8	Moderate
Cm	Cobbsfork silt loam, 0 to 1 percent slopes	Cobbsfork	8	Moderate
Dr	Dearborn fine sandy loam, frequently flooded	Dearborn	13	High
EdE	Eden flaggy silty clay loam, 18 to 25 percent slopes	Eden	7	Moderate
EdF	Eden flaggy silty clay, 25 to 50 percent slopes	Eden	7	Moderate
EkB	Elkinsville silt loam, 2 to 6 percent slopes	Elkinsville	13	High
EkC2	Elkinsville silt loam, 6 to 12 percent slopes, eroded	Elkinsville	13	High
ErF	Eden-rock outcrop complex, 25 to 50 percent slopes	Eden	8	Moderate
GrD2	Grayford silty clay loam, 12 to 18 percent slopes, eroded	Grayford	13	High
GrE	Grayford silt loam, 18 to 35 percent slopes	Grayford	13	High
Hd	Haymond silt loam, frequently flooded	Haymond	13	High
HkD2	Hickory silt loam, 12 to 18 percent slopes, eroded	Hickory	13	High
HkD3	Hickory silt loam, 12 to 18 percent slopes, severely eroded	Hickory	13	High
HkE	Hickory loam, 18 to 35 percent slopes	Hickory	13	High
Hn	Holton silt loam, frequently flooded	Holton	13	High
Lb	Lobdell silt loam, frequently flooded	Lobdell	13	High

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
No	Nolin silt loam, frequently flooded	Nolin	13	High
Omz	Orthents, earthen dam	Orthents	0	Not Rated
PeB2	Pekin silt loam, 2 to 6 percent slopes, eroded	Pekin	7	Moderate
Pt	Pits, quarry	Pits, quarry	0	Not Rated
RoA	Rossmoyne silt loam, 0 to 2 percent slopes	Rossmoyne	8	Moderate
RoB2	Nabb silt loam, 2 to 6 percent slopes, eroded	Nabb	8	Moderate
RyC2	Ryker silt loam, 6 to 12 percent slopes, eroded	Ryker	13	High
St	Stonelick loam, frequently flooded	Stonelick	13	High
SwC2	Switzerland silt loam, 6 to 12 percent slopes, eroded	Switzerland	8	Moderate
SwD2	Switzerland silt loam, 12 to 18 percent slopes, eroded	Switzerland	8	Moderate
W	Water	Water	0	Not Rated
Wa	Wakeland silt loam, frequently flooded	Wakeland	13	High
Wr	Wirt loam, flaggy clay substratum, frequently flooded	Wirt	13	High
Wt	Wirt silt loam, frequently flooded	Wirt	13	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.