

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

Map symbol	Map unit name	Component	NLI	Rating
BlA	Blount-Glynwood, thin solum complex, 0 to 3 percent slopes	Blount	5	Moderate
Bo	Bono silty clay	Bono	5	Moderate
Bs	Bono variant mucky silty clay	Bono variant	5	Moderate
Ee	Eel clay loam, frequently flooded	Eel	5	Moderate
Ef	Eel variant silty clay, occasionally flooded	Eel variant	5	Moderate
ElA	Eldean silt loam, 0 to 2 percent slopes	Eldean	8	Moderate
EnB3	Eldean clay loam, 2 to 6 percent slopes, severely eroded	Eldean	8	Moderate
EnC3	Eldean clay loam, 6 to 12 percent slopes, severely eroded	Eldean	8	Moderate
GlpB3	Glynwood clay loam, end moraine, 2 to 6 percent slopes, severely eroded	Glynwood	4	Moderate
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
GlqB3	Glynwood clay loam, ground moraine, 2 to 6 percent slopes, severely eroded	Glynwood	4	Moderate
GlqC2	Glynwood clay loam, ground moraine, 6 to 12 percent slopes, eroded	Glynwood	4	Moderate
GlyC3	Glynwood-Mississinewa clay loams, 6 to 12 percent slopes, severely eroded	Glynwood	4	Moderate
Ho	Houghton muck, drained	Houghton	13	High
MaA	Martinsville loam, 0 to 2 percent slopes	Martinsville	8	Moderate
MaB2	Martinsville loam, 2 to 6 percent slopes, eroded	Martinsville	8	Moderate
MoD3	Morley clay loam, 12 to 20 percent slopes, severely eroded	Morley	4	Moderate
Pm	Pewamo silty clay, 0 to 2 percent slopes	Pewamo	5	Moderate
SarA	Saranac silty clay loam, 0 to 1 percent slopes, frequently flooded	Saranac	5	Moderate
SgnA	Shoals silty clay loam, 0 to 1 percent slopes, frequently flooded	Shoals	8	Moderate
SgoA	Shoals silt loam, 0 to 2 percent slopes, occasionally flooded	Shoals	8	Moderate
So	Saranac clay loam, stratified substratum, occasionally flooded	Saranac	5	Moderate
SocA	Sloan silty clay loam, 0 to 1 percent slopes, frequently flooded	Sloan	8	Moderate

Indiana Nitrate Leaching Index--Continued  
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Map symbol	Map unit name	Component	NLI	Rating
St	Saranac clay, frequently flooded	Saranac	5	Moderate
TfsA	Tice silty clay loam, 0 to 1 percent slopes, frequently flooded	Tice	8	Moderate
Ud	Udorthents, loamy	Udorthents	0	Not Rated
W	Water	Water	0	Not Rated
Wa	Wallkill variant silty clay, frequently flooded	Wallkill variant	5	Moderate
Wh	Whitaker silt loam	Whitaker	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.