

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

Map symbol	Map unit name	Component	NLI	Rating
CeB2	Celina silt loam, 2 to 6 percent slopes, eroded	Celina	7	Moderate
CrA	Crosby silt loam, 0 to 2 percent slopes	Crosby	7	Moderate
Cy	Cyclone silty clay loam, 0 to 2 percent slopes	Cyclone	11	High
EdB2	Eldean loam, 2 to 6 percent slopes, eroded	Eldean	11	High
ElC3	Eldean clay loam, 6 to 12 percent slopes, severely eroded	Eldean	11	High
ELD3	Eldean clay loam, 12 to 18 percent slopes, severely eroded	Eldean	11	High
FnA	Fincastle silt loam, 0 to 2 percent slopes	Fincastle	11	High
Ge	Genesee loam, gravelly substratum	Genesee	11	High
MmB2	Miami silt loam, 2 to 6 percent slopes, eroded	Miami	7	Moderate
MmD	Miami silt loam, 12 to 18 percent slopes	Miami	7	Moderate
MmE	Miami silt loam, 18 to 35 percent slopes	Miami	7	Moderate
MoC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	Miami	7	Moderate
MoD3	Miami clay loam, 12 to 18 percent slopes, severely eroded	Miami	7	Moderate
MpB2	Miamian silt loam, New Castle Till Plain, 2 to 6 percent slopes, eroded	Miamian	7	Moderate
MpC	Miamian silt loam, 6 to 12 percent slopes	Miamian	7	Moderate
MpD	Miamian silt loam, 12 to 18 percent slopes	Miamian	7	Moderate
MpE	Miamian silt loam, 18 to 35 percent slopes	Miamian	7	Moderate
MrA	Miami silt loam, gravelly substratum, 0 to 2 percent slopes	Miami	11	High
MuC3	Miamian clay loam, 6 to 12 percent slopes, severely eroded	Miamian	7	Moderate
MuD3	Miamian clay loam, 12 to 18 percent slopes, severely eroded	Miamian	7	Moderate
Mx	Millsdale silty clay loam, 0 to 2 percent slopes	Millsdale	7	Moderate
MzA	Milton silt loam, 0 to 3 percent slopes	Milton	7	Moderate
OcA	Ockley silt loam, 0 to 2 percent slopes	Ockley	11	High
OcB2	Ockley silt loam, 2 to 6 percent slopes, eroded	Ockley	11	High
Omz	Orthents, earthen dam	Orthents	0	Not Rated
Pn	Patton silty clay loam, 0 to 2 percent slopes	Patton	11	High
Px	Pits, quarry	Pits	0	Not Rated
RuB	Russell silt loam, 2 to 6 percent slopes	Russell	11	High

Indiana Nitrate Leaching Index--Continued  
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Map symbol	Map unit name	Component	NLI	Rating
Sh	Shoals silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Shoals	11	High
Sm	Sleeth silt loam	Sleeth	11	High
So	Sloan silt loam, frequently flooded	Sloan	11	High
St	Stonelick sandy loam, frequently flooded	Stonelick	18	High
Tr	Treaty silty clay loam, 0 to 1 percent slopes	Treaty	11	High
W	Water	Water	0	Not Rated
Ws	Westland clay loam	Westland	11	High
WwB2	Williamstown silt loam, 2 to 6 percent slopes, eroded	Williamstown	7	Moderate
XeB	Xenia silt loam, 2 to 4 percent slopes	Xenia	11	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.