

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

Map symbol	Map unit name	Component	NLI	Rating
AlB	Alford silt loam, 2 to 6 percent slopes	Alford	13	High
AlC2	Alford silt loam, 6 to 12 percent slopes, eroded	Alford	13	High
AnC	Alvin sandy loam, 6 to 12 percent slopes	Alvin	19	High
AvB	Ava silt loam, 1 to 4 percent slopes	Ava	8	Moderate
AwB2	Ava silt loam, 2 to 6 percent slopes, eroded	Ava	8	Moderate
AwC2	Ava silt loam, 6 to 12 percent slopes, eroded	Ava	8	Moderate
Ba	Bartle silt loam	Bartle	8	Moderate
Bd	Birds silt loam	Birds	8	Moderate
Ch	Chagrín silt loam	Chagrín	13	High
CkG	Chetwynd silt loam, 25 to 50 percent slopes	Chetwynd	13	High
CnC2	Cincinnati silt loam, Wabash Lowland, 6 to 12 percent slopes, eroded	Cincinnati	8	Moderate
CnD2	Cincinnati silt loam, 12 to 18 percent slopes, eroded	Cincinnati	8	Moderate
CoG	Corydon silt loam, 25 to 50 percent slopes	Corydon	7	Moderate
ElB	Elkinsville silt loam, 2 to 6 percent slopes	Elkinsville	13	High
Ev	Evansville silt loam	Evansville	13	High
FdA	Fincastle silt loam, 1 to 3 percent slopes	Fincastle	13	High
FoB2	Fox loam, 2 to 6 percent slopes, eroded	Fox	13	High
FxC3	Fox clay loam, 6 to 15 percent slopes, severely eroded	Fox	13	High
GnE	Gilpin silt loam, 15 to 25 percent slopes	Gilpin	8	Moderate
GrC2	Grayford silt loam, 6 to 12 percent slopes, eroded	Grayford	13	High
GrD2	Grayford silt loam, 12 to 18 percent slopes, eroded	Grayford	13	High
GrE2	Grayford silt loam, 18 to 25 percent slopes, eroded	Grayford	13	High
Hb	Haymond silt loam	Haymond	13	High
HeG	Hennepin loam, 25 to 50 percent slopes	Hennepin	8	Moderate
HoG	Hickory loam, 25 to 70 percent slopes	Hickory	13	High
Hv	Hoosierville silt loam	Hoosierville	13	High
IvA	Iva silt loam, 0 to 2 percent slopes	Iva	13	High
McA	Martinsville loam, 0 to 2 percent slopes	Martinsville	13	High

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
McB	Martinsville loam, 2 to 6 percent slopes	Martinsville	13	High
MeD2	Miami silt loam, 12 to 18 percent slopes, eroded	Miami	8	Moderate
MgC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	Miami	8	Moderate
MgD3	Miami clay loam, 12 to 18 percent slopes, severely eroded	Miami	8	Moderate
MuB	Muren silt loam, 1 to 4 percent slopes	Muren	13	High
OcA	Ockley silt loam, 0 to 2 percent slopes	Ockley	13	High
OcB2	Ockley silt loam, 2 to 6 percent slopes, eroded	Ockley	13	High
Omz	Orthents, earthen dam	Orthents	0	Not Rated
PeB2	Parke silt loam, 2 to 6 percent slopes, eroded	Parke	13	High
PeC2	Parke silt loam, 6 to 12 percent slopes, eroded	Parke	13	High
Po	Pits, quarries	Pits	0	Not Rated
Ra	Ragsdale silt loam	Ragsdale	13	High
ReA	Reesville silt loam, 0 to 2 percent slopes	Reesville	8	Moderate
Rn	Rensselaer silt loam	Rensselaer	13	High
RuB	Russell silt loam, 2 to 6 percent slopes	Russell	13	High
RuC	Russell silt loam, 6 to 12 percent slopes	Russell	8	Moderate
Sh	Shoals silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Shoals	13	High
Sm	Shoals-Hennepin complex, 0 to 50 percent slopes	Shoals	19	High
Sw	Stonelick sandy loam	Stonelick	19	High
Ud	Udorthents, loamy	Udorthents	0	Not Rated
W	Water	Water	0	Not Rated
Wa	Wakeland silt loam	Wakeland	13	High
WeG	Weikert silt loam, 25 to 70 percent slopes	Weikert	7	Moderate
Wh	Whitaker silt loam, 0 to 2 percent slopes	Whitaker	13	High
XeA	Xenia silt loam, 0 to 2 percent slopes	Xenia	13	High

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XeB2	Xenia silt loam, 2 to 6 percent slopes, eroded	Xenia	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.