

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

Map symbol	Map unit name	Component	NLI	Rating
AfA	Alford silt loam, 0 to 2 percent slopes	Alford	11	High
AfB	Alford silt loam, 2 to 6 percent slopes	Alford	11	High
AfC2	Alford silt loam, 6 to 12 percent slopes, eroded	Alford	11	High
Ar	Armiesburg silty clay loam	Armiesburg	11	High
AvB	Ava silt loam, 2 to 6 percent slopes	Ava	7	Moderate
Ba	Banlic silt loam	Banlic	7	Moderate
Bd	Bartle silt loam	Bartle	7	Moderate
BeB	Bedford silt loam, 2 to 6 percent slopes	Bedford	7	Moderate
BeC2	Bedford silt loam, 6 to 12 percent slopes, eroded	Bedford	7	Moderate
BfG	Berks channery silt loam, 35 to 80 percent slopes	Berks	11	High
BmC	Bloomfield loamy fine sand, 6 to 12 percent slopes	Bloomfield	19	High
Bo	Bonnie silt loam	Bonnie	11	High
Br	Brookston clay loam	Brookston	11	High
ChF	Chetwynd loam, 18 to 80 percent slopes	Chetwynd	11	High
CnC2	Cincinnati silt loam, Wabash Lowland, 6 to 12 percent slopes, eroded	Cincinnati	7	Moderate
CnC3	Cincinnati silt loam, 6 to 12 percent slopes, severely eroded	Cincinnati	7	Moderate
CnD2	Cincinnati silt loam, 12 to 18 percent slopes, eroded	Cincinnati	7	Moderate
CrA	Crosby silt loam, fine-loamy subsoil, 0 to 2 percent slopes	Crosby	7	Moderate
CsB2	Crosby-Miami silt loams, 2 to 4 percent slopes, eroded	Crosby	7	Moderate
EsC2	Elkinsville silt loam, 6 to 12 percent slopes, eroded	Elkinsville	11	High
Ev	Evansville silty clay loam	Evansville	11	High
FcA	Fincastle silt loam, Tipton Till Plain, 0 to 2 percent slopes	Fincastle	11	High
FoA	Fox loam, 0 to 2 percent slopes	Fox	11	High
FoB2	Fox loam, 2 to 6 percent slopes, eroded	Fox	11	High
FxC2	Fox complex, 6 to 15 percent slopes, eroded	Fox	11	High
Ge	Genesee silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Genesee	11	High
GpC	Gilpin silt loam, 6 to 12 percent slopes	Gilpin	7	Moderate

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GpD	Gilpin silt loam, 12 to 18 percent slopes	Gilpin	7	Moderate
GpE	Gilpin silt loam, 18 to 25 percent slopes	Gilpin	7	Moderate
GrC	Grayford silt loam, 6 to 12 percent slopes	Grayford	11	High
GrD2	Grayford silt loam, 12 to 18 percent slopes, eroded	Grayford	11	High
Ha	Haymond silt loam	Haymond	11	High
HkF	Hickory loam, 18 to 50 percent slopes	Hickory	11	High
IvA	Iva silt loam, 0 to 2 percent slopes	Iva	11	High
MbD2	Markland silt loam, 12 to 18 percent slopes, eroded	Markland	7	Moderate
MbE	Markland silt loam, 18 to 25 percent slopes	Markland	7	Moderate
MeA	Martinsville loam, 0 to 2 percent slopes	Martinsville	11	High
MeB	Martinsville loam, 2 to 6 percent slopes	Martinsville	11	High
MnB2	Miami silt loam, 2 to 6 percent slopes, eroded	Miami	7	Moderate
MnC2	Miami silt loam, 6 to 12 percent slopes, eroded	Miami	7	Moderate
MnD2	Miami silt loam, 12 to 18 percent slopes, eroded	Miami	7	Moderate
MnE	Miami silt loam, 18 to 25 percent slopes	Miami	7	Moderate
MnF	Miami loam, 25 to 50 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
Mp	Milford silty clay loam	Milford	7	Moderate
Mu	Montgomery silty clay loam	Montgomery	7	Moderate
OcA	Ockley loam, 0 to 2 percent slopes	Ockley	11	High
OcB2	Ockley loam, 2 to 6 percent slopes, eroded	Ockley	11	High
Omz	Orthents, earthen dam	Orthents	0	Not Rated
PkC2	Parke silt loam, 6 to 12 percent slopes, eroded	Parke	11	High
PkD	Parke silt loam, 12 to 18 percent slopes	Parke	11	High
Pm	Patton silty clay loam, 0 to 2 percent slopes	Patton	11	High
PnB	Pekin silt loam, 2 to 6 percent slopes	Pekin	5	Moderate
PpA	Pike silt loam, 0 to 2 percent slopes	Pike	11	High

Indiana Nitrate Leaching Index--Continued
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PpB2	Pike silt loam, 2 to 6 percent slopes, eroded	Pike	11	High
PrA	Princeton fine sandy loam, 0 to 2 percent slopes	Princeton	11	High
PrB	Princeton fine sandy loam, 2 to 6 percent slopes	Princeton	11	High
PrC	Princeton fine sandy loam, 6 to 12 percent slopes	Princeton	11	High
PrD	Princeton fine sandy loam, 12 to 18 percent slopes	Princeton	11	High
PrE	Princeton fine sandy loam, 18 to 25 percent slopes	Princeton	11	High
Ps	Pits	Pits	0	Not Rated
Rd	Reesville silt loam	Reesville	11	High
Re	Rensselaer clay loam	Rensselaer	11	High
Ro	Ross loam	Ross	11	High
RuB	Russell silt loam, 2 to 6 percent slopes	Russell	11	High
Sh	Shoals silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Shoals	11	High
Sn	Sloan silty clay loam	Sloan	11	High
St	Stonelick sandy loam	Stonelick	19	High
Ta	Taggart silt loam	Taggart	11	High
VoA	Vigo silt loam, 0 to 2 percent slopes	Vigo	7	Moderate
W	Water	Water	0	Not Rated
Wa	Wakeland silt loam	Wakeland	11	High
WcG	Weikert channery silt loam, 40 to 80 percent slopes	Weikert	5	Moderate
WfC	Wellston silt loam, 6 to 12 percent slopes	Wellston	11	High
Wr	Whitaker loam	Whitaker	11	High
Wu	Wilbur silt loam	Wilbur	7	Moderate
XeB2	Xenia silt loam, 2 to 6 percent slopes, eroded	Xenia	11	High
ZaB	Zanesville silt loam, 2 to 6 percent slopes	Zanesville	7	Moderate
ZaC	Zanesville silt loam, 6 to 12 percent slopes	Zanesville	7	Moderate

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Zp	Zipp silty clay loam	Zipp	7	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.