

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

Map symbol	Map unit name	Component	NLI	Rating
AfB	Alford silt loam, 2 to 6 percent slopes	Alford	13	High
Ba	Bartle silt loam, 0 to 2 percent slopes	Bartle	8	Moderate
BdB	Bedford silt loam, 2 to 6 percent slopes	Bedford	8	Moderate
BkF	Brownstown-Gilwood silt loams, 25 to 75 percent slopes	Brownstown	8	Moderate
Bo	Bonnie silt loam, frequently flooded	Bonnie	8	Moderate
Bu	Burnside silt loam, occasionally flooded	Burnside	13	High
CaD	Caneyville silt loam, 12 to 18 percent slopes	Caneyville	8	Moderate
Cb	Caneyville-Hagerstown silt loam, karst	Caneyville	8	Moderate
ChF	Chetwynd silt loam, 25 to 70 percent slopes	Chetwynd	13	High
CoF	Corydon Variant-Caneyville Variant complex, 25 to 70 percent slopes	Corydon variant	7	Moderate
CrB	Crider silt loam, 2 to 6 percent slopes	Crider	13	High
CrC	Crider silt loam, 6 to 12 percent slopes	Crider	13	High
CrD	Crider silt loam, 12 to 18 percent slopes	Crider	13	High
CsC	Crider-Caneyville silt loams, 6 to 12 percent slopes	Crider	13	High
CtB	Crider-Urban land complex, 2 to 6 percent slopes	Crider	13	High
CtC	Crider-Urban land complex, 6 to 12 percent slopes	Crider	13	High
Cu	Cuba silt loam, frequently flooded	Cuba	13	High
EbE	Ebal-Gilpin-Hagerstown silt loams, 18 to 25 percent slopes	Ebal	8	Moderate
EdD	Ebal-Wellston-Gilpin silt loams, 12 to 18 percent slopes	Ebal	8	Moderate
EkB	Elkinsville silt loam, 2 to 6 percent slopes	Elkinsville	13	High
EkF	Elkinsville silt loam, upland, 20 to 40 percent slopes	Elkinsville	13	High
GpD	Gilpin silt loam, 12 to 18 percent slopes	Gilpin	8	Moderate
GrD	Gilpin-Gullied land complex, 12 to 22 percent slopes	Gilpin	8	Moderate
HaC	Hagerstown silt loam, 6 to 12 percent slopes	Hagerstown	13	High
HaD	Hagerstown silt loam, 12 to 18 percent slopes	Hagerstown	13	High
HaE	Hagerstown silt loam, 18 to 25 percent slopes	Hagerstown	13	High
HbD3	Hagerstown silty clay loam, 12 to 22 percent slopes, severely eroded	Hagerstown	13	High
Hc	Hagerstown-Caneyville silt loams, karst	Hagerstown	13	High

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Map symbol	Map unit name	Component	NLI	Rating
Hd	Haymond silt loam, frequently flooded	Haymond	13	High
HkF	Hickory silt loam, 25 to 70 percent slopes	Hickory	13	High
HoA	Hosmer silt loam, 0 to 2 percent slopes	Hosmer	7	Moderate
HoB	Hosmer silt loam, 2 to 6 percent slopes	Hosmer	7	Moderate
HoC	Hosmer silt loam, 6 to 12 percent slopes	Hosmer	7	Moderate
HtB	Hosmer-Urban land complex, 2 to 12 percent slopes	Hosmer	7	Moderate
IvA	Iva silt loam, 0 to 2 percent slopes	Iva	13	High
MbB	Martinsville loam, 2 to 6 percent slopes	Martinsville	13	High
Omz	Orthents, earthen dam	Orthents	0	Not Rated
PaB	Parke silt loam, 2 to 6 percent slopes	Parke	13	High
PaC	Parke silt loam, 6 to 12 percent slopes	Parke	13	High
PcD	Parke-Chetwynd silt loams, 12 to 18 percent slopes	Parke	13	High
PeA	Pekin silt loam, 0 to 2 percent slopes	Pekin	8	Moderate
PeB	Pekin silt loam, 2 to 6 percent slopes	Pekin	8	Moderate
PeC	Pekin silt loam, 6 to 12 percent slopes	Pekin	8	Moderate
Po	Peoga silt loam	Peoga	8	Moderate
PrC	Princeton loam, 4 to 10 percent slopes	Princeton	13	High
PrE	Princeton loam, 18 to 25 percent slopes	Princeton	13	High
RcB	Ryker silt loam, 2 to 6 percent slopes	Ryker	13	High
RcC	Ryker silt loam, 6 to 12 percent slopes	Ryker	13	High
RcD	Ryker silt loam, 12 to 18 percent slopes	Ryker	13	High
Sf	Steff silt loam, frequently flooded	Steff	13	High
St	Stendal silt loam, frequently flooded	Stendal	13	High
Sx	Stonelick silt loam, frequently flooded	Stonelick	13	High
TlA	Tilsit silt loam, 0 to 2 percent slopes	Tilsit	8	Moderate
TlB	Zanesville silt loam, 2 to 6 percent slopes	Zanesville	8	Moderate
Ua	Udorthents, loamy	Udorthents, loamy	0	Not Rated
Ud	Udorthents-Pits complex	Udorthents	0	Not Rated

Indiana Nitrate Leaching Index--Continued  
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Map symbol	Map unit name	Component	NLI	Rating
W	Water	Water	0	Not Rated
Wa	Wakeland silt loam, frequently flooded	Wakeland	13	High
WeC	Wellston silt loam, 6 to 12 percent slopes	Wellston	13	High
WmC	Wellston-Gilpin silt loams, 6 to 20 percent slopes	Wellston	13	High
Wo	Whitaker loam	Whitaker	13	High
Wr	Wilbur silt loam, frequently flooded	Wilbur	13	High
ZnC	Zanesville silt loam, 6 to 12 percent slopes	Zanesville	8	Moderate
Zo	Zipp silty clay loam	Zipp	8	Moderate
Zp	Zipp silty clay loam, frequently flooded	Zipp	7	Moderate
Zs	Zipp Variant silt loam, frequently flooded	Zipp variant	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.