

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

Map symbol	Map unit name	Component	NLI	Rating
AddA	Avonburg silt loam, 0 to 2 percent slopes	Avonburg	8	Moderate
AddB2	Avonburg silt loam, 2 to 4 percent slopes, eroded	Avonburg	8	Moderate
AzoA	Ayrshire fine sandy loam, sandy substratum, 0 to 2 percent slopes	Ayrshire	13	High
BbhA	Bartle silt loam, 0 to 2 percent slopes	Bartle	8	Moderate
BgeAH	Birds silt loam, 0 to 1 percent slopes, frequently flooded, brief duration	Birds	13	High
BgeAHU	Birds silt loam, undrained, 0 to 1 percent slopes, frequently flooded, brief duration	Birds	7	Moderate
BkeB	Bloomfield-Alvin complex, 1 to 6 percent slopes	Bloomfield	19	High
BlbB2	Blocher, soft black shale substratum-Jennings silt loams, 2 to 6 percent slopes, eroded	Blocher	8	Moderate
BlcC2	Blocher, soft black shale substratum-Jennings-Deputy silt loams, 6 to 12 percent slopes, eroded	Blocher	8	Moderate
BlcC3	Blocher, soft black shale substratum-Jennings-Deputy silt loams, 6 to 12 percent slopes, severely eroded	Blocher	7	Moderate
BlgC2	Blocher-Cincinnati silt loams, 6 to 12 percent slopes, eroded	Blocher	8	Moderate
BlgC3	Blocher-Cincinnati silt loams, 6 to 12 percent slopes, severely eroded	Blocher	7	Moderate
BlkE2	Bonnell-Blocher-Hickory silt loams, 12 to 25 percent slopes, eroded	Bonnell	8	Moderate
BnjA	Bobtown loamy fine sand, 0 to 3 percent slopes	Bobtown	13	High
BnuD3	Bonnell-Hickory-Blocher complex, 12 to 25 percent slopes, severely eroded	Bonnell	8	Moderate
BnxE2	Bonnell-Grayford silt loams, karst, hilly, eroded	Bonnell	8	Moderate
BnxE3	Bonnell-Grayford silt loams, karst, hilly, severely eroded	Bonnell	8	Moderate
BobE4	Bonnell-Hickory clay loams, 15 to 30 percent slopes, very severely eroded	Bonnell	8	Moderate
BodaQ	Bonnie silt loam, 0 to 1 percent slopes, rarely flooded	Bonnie	8	Moderate
CcaG	Caneyville-Rock outcrop complex, 25 to 60 percent slopes	Caneyville	8	Moderate
CcbC2	Caneyville-Zenas silt loams, karst, rolling, eroded	Caneyville	8	Moderate
CcgD2	Caneyville and Grayford silt loams, 12 to 25 percent slopes, eroded	Caneyville	13	High

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
CcgD3	Caneyville and Grayford silt loams, 12 to 25 percent slopes, severely eroded	Grayford	8	Moderate
CldB2	Cincinnati-Blocher silt loams, 2 to 6 percent slopes, eroded	Cincinnati	8	Moderate
ClfA	Cobbsfork silt loam, 0 to 1 percent slopes	Cobbsfork	8	Moderate
CwaAQ	Cuba silt loam, 0 to 2 percent slopes, rarely flooded	Cuba	13	High
CxdA	Cyclone silty clay loam, 0 to 1 percent slopes	Cyclone	13	High
DfnA	Dubois silt loam, 0 to 2 percent slopes	Dubois	8	Moderate
DfnB2	Dubois silt loam, 2 to 6 percent slopes, eroded	Dubois	8	Moderate
DtwC2	Deputy silt loam, 6 to 15 percent slopes, eroded	Deputy	8	Moderate
DtzC3	Deputy-Trappist silty clay loams, 6 to 15 percent slopes, severely eroded	Deputy	8	Moderate
EepAQ	Elkinsville silt loam, 0 to 2 percent slopes, rarely flooded	Elkinsville	13	High
EesB2	Elkinsville-Millstone complex, 2 to 6 percent slopes, eroded	Elkinsville	13	High
FdbA	Fincastle silt loam, 0 to 2 percent slopes	Fincastle	13	High
FdqB	Fincastle-Xenia silt loams, 2 to 4 percent slopes	Fincastle	13	High
GmsF	Greybrook silt loam, 15 to 40 percent slopes	Greybrook	8	Moderate
Hccb2	Haubstadt silt loam, 2 to 6 percent slopes, eroded	Haubstadt	8	Moderate
HcgAH	Haymond silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Haymond	13	High
HcgAW	Haymond silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Haymond	13	High
HcpAP	Haymond silt loam, depression, 0 to 2 percent slopes, frequently ponded, very brief duration	Haymond	13	High
HeeG	Hickory loam, 25 to 50 percent slopes	Hickory	13	High
HizE2	Hickory-Grayford silt loams, 12 to 25 percent slopes, eroded	Hickory	13	High
HizE3	Hickory-Grayford silt loams, 12 to 25 percent slopes, severely eroded	Hickory	13	High
HleAW	Holton silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Holton	13	High
MhyB2	Medora silt loam, 2 to 6 percent slopes, eroded	Medora	7	Moderate
MhyC3	Medora silt loam, 6 to 12 percent slopes, severely eroded	Medora	7	Moderate
MmoC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	Miami	8	Moderate

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
MmoD3	Miami clay loam, 12 to 18 percent slopes, severely eroded	Miami	8	Moderate
MnpC2	Miami silt loam, 6 to 12 percent slopes, eroded	Miami	8	Moderate
MnpD2	Miami silt loam, 12 to 18 percent slopes, eroded	Miami	8	Moderate
NaaA	Nabb silt loam, 0 to 2 percent slopes	Nabb	8	Moderate
NaaB2	Nabb silt loam, 2 to 6 percent slopes, eroded	Nabb	8	Moderate
OfaAW	Oldenburg silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Oldenburg	13	High
OmK2	Otwell silt loam, 6 to 12 percent slopes, eroded	Otwell	8	Moderate
OmK3	Otwell silt loam, 6 to 12 percent slopes, severely eroded	Otwell	7	Moderate
Omz	Orthents, earthen dam	Orthents	0	Not Rated
PcrA	Pekin silt loam, 0 to 2 percent slopes	Pekin	8	Moderate
PcrB2	Pekin silt loam, 2 to 6 percent slopes, eroded	Pekin	8	Moderate
PcrC2	Pekin silt loam, 6 to 12 percent slopes, eroded	Pekin	8	Moderate
PhaA	Peoga silt loam, 0 to 1 percent slopes	Peoga	8	Moderate
PlpAH	Piopolis silty clay loam, 0 to 1 percent slopes, frequently flooded, brief duration	Piopolis	8	Moderate
PlpAHU	Piopolis silty clay loam, undrained, 0 to 1 percent slopes, frequently flooded, brief duration	Piopolis	7	Moderate
Pml	Pits, quarry	Pits	0	Not Rated
RptG	Rohan-Jessietown complex, 25 to 60 percent slopes, rocky	Rohan	7	Moderate
RyWB2	Russell silt loam, 2 to 6 percent slopes, eroded	Russell	13	High
RzfA	Ryker-Muscatatuck silt loams, terrace, 0 to 2 percent slopes	Ryker	13	High
RzfB2	Ryker-Muscatatuck silt loams, terrace, 2 to 6 percent slopes, eroded	Ryker	13	High
RzgA	Ryker-Muscatatuck silt loams, karst, nearly level	Ryker	8	Moderate
RzgB2	Ryker-Muscatatuck silt loams, karst, undulating, eroded	Ryker	13	High
RzgC2	Ryker-Muscatatuck silt loams, karst, rolling, eroded	Ryker	13	High
RzhC3	Ryker-Grayford-Muscatatuck complex, karst, rolling, severely eroded	Ryker	13	High
SceA	Scottsburg silt loam, 0 to 2 percent slopes	Scottsburg	8	Moderate
ScfB2	Scottsburg-Deputy silt loams, 2 to 6 percent slopes, eroded	Scottsburg	8	Moderate

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
SifE	Senachwine loam, 18 to 25 percent slopes	Senachwine	8	Moderate
SifG	Senachwine loam, 25 to 70 percent slopes	Senachwine	8	Moderate
SldAW	Shoals silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Shoals	13	High
StaAH	Steff silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Steff	13	High
StaAQ	Steff silt loam, 0 to 2 percent slopes, rarely flooded	Steff	13	High
StdAH	Stendal silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Stendal	13	High
StdAQ	Stendal silt loam, 0 to 2 percent slopes, rarely flooded	Stendal	13	High
SuoAH	Stonelick fine sandy loam, 0 to 2 percent slopes, frequently flooded, brief duration	Stonelick	19	High
ThbD4	Trappist silty clay loam, 6 to 18 percent slopes, very severely eroded	Trappist	8	Moderate
ThcD3	Trappist-Rohan complex, 12 to 25 percent slopes, severely eroded	Trappist	8	Moderate
ThdD2	Trappist-Rohan silt loams, 12 to 25 percent slopes, eroded	Trappist	8	Moderate
Uby	Udorthents, loamy	Udorthents	0	Not Rated
UdaB	Urban land-Deputy-Scottsburg complex, 2 to 15 percent slopes	Deputy	8	Moderate
UfcB	Urban land-Cincinnati-Nabb complex, 2 to 12 percent slopes	Cincinnati	8	Moderate
UfdA	Urban land-Cobbsfork-Avonburg complex, 0 to 2 percent slopes	Cobbsfork	8	Moderate
Usl	Udorthents, rubbish	Udorthents	0	Not Rated
W	Water	Water	0	Not Rated
WaaAH	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Wakeland	13	High
WaaAW	Wakeland silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Wakeland	13	High
WnmA	Whitcomb silt loam, 0 to 2 percent slopes	Whitcomb	8	Moderate
WokAH	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Wilbur	13	High
WokAW	Wilbur silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Wilbur	13	High
WooAQ	Wilhite silt loam, overwash, 0 to 1 percent slopes, rarely flooded	Wilhite	8	Moderate

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
WprAV	Wirt loam, 0 to 2 percent slopes, frequently flooded, very brief duration	Wirt	13	High
WprAW	Wirt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Wirt	13	High
WpuAH	Wirt silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Wirt	13	High
WufB2	Williamstown silt loam, 2 to 6 percent slopes, eroded	Williamstown	8	Moderate
XabB2	Xenia silt loam, 2 to 6 percent slopes, eroded	Xenia	13	High
ZnsB	Zenas silt loam, karst, undulating	Zenas	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.