

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

Map symbol	Map unit name	Component	NLI	Rating
AbvD2	Adyeville-Wellston-Deuchars silt loams, 8 to 20 percent slopes, eroded	Adyeville	10	High
AbvD3	Adyeville-Wellston-Deuchars silt loams, 8 to 20 percent slopes, severely eroded	Adyeville	10	High
AccG	Adyeville-Tipsaw-Ebal complex, 20 to 50 percent slopes, very rocky	Adyeville	10	High
AcuF	Alford silt loam, 18 to 35 percent slopes	Alford	16	High
AfzG	Alvin-Tobinsport complex, 25 to 45 percent slopes	Alvin	22	High
AgrA	Apalona silt loam, 0 to 2 percent slopes	Apalona	10	High
AgrB	Apalona-Zanesville silt loams, 2 to 6 percent slopes	Apalona	10	High
AgrC2	Apalona-Zanesville silt loams, 6 to 12 percent slopes, eroded	Apalona	8	Moderate
AgrC3	Apalona-Zanesville silt loams, 6 to 12 percent slopes, severely eroded	Apalona	8	Moderate
BkeC2	Bloomfield-Alvin complex, 6 to 15 percent slopes, eroded	Bloomfield	22	High
BodAH	Bonnie silt loam, 0 to 1 percent slopes, frequently flooded, brief duration	Bonnie	10	High
BodAM	Bonnie silt loam, ponded, 0 to 1 percent slopes, frequently flooded, brief duration	Bonnie	8	Moderate
CndAH	Combs loam, 0 to 2 percent slopes, frequently flooded, brief duration	Combs	22	High
CwaAH	Cuba silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Cuba	16	High
DduC2	Deuchars silt loam, 6 to 12 percent slopes, eroded	Deuchars	10	High
EabD2	Ebal-Deuchars-Kitterman complex, 12 to 24 percent slopes, eroded	Ebal	10	High
EabD3	Ebal-Deuchars-Kitterman complex, 12 to 24 percent slopes, severely eroded	Ebal	8	Moderate
EemAQ	Elk silt loam, moderately wet substratum, 0 to 2 percent slopes, rarely flooded	Elk	16	High
EesA	Elkinsville-Millstone complex, 0 to 2 percent slopes	Elkinsville	16	High
EesAQ	Elkinsville-Millstone complex, 0 to 2 percent slopes, rarely flooded	Elkinsville	16	High
EesD2	Elkinsville-Millstone complex, 12 to 18 percent slopes, eroded	Elkinsville	16	High

Indiana Nitrate Leaching Index--Continued  
 Perry County, Indiana: Detailed Soil Map Legend

Map symbol	Map unit name	Component	NLI	Rating
EesDQ	Elkinsville-Millstone complex, 12 to 18 percent slopes, eroded, rarely flooded	Elkinsville	16	High
EesFQ	Elkinsville-Millstone complex, 18 to 40 percent slopes, rarely flooded	Elkinsville	16	High
GacAW	Gatchel loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Gatchel	22	High
GhaA	Ginat silt loam, 0 to 1 percent slopes	Ginat	10	High
HbhA	Hartz silt loam, 0 to 2 percent slopes	Hartz	16	High
HcaA	Hatfield silt loam, 0 to 2 percent slopes	Hatfield	10	High
HcbAQ	Hatfield silty clay loam, 0 to 2 percent slopes, rarely flooded	Hatfield	10	High
HcgAH	Haymond silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Haymond	16	High
HcgAQ	Haymond silt loam, 0 to 2 percent slopes, rarely flooded	Haymond	16	High
HsaB2	Hosmer silt loam, 2 to 6 percent slopes, eroded	Hosmer	10	High
HubAH	Huntington silty clay loam, 0 to 2 percent slopes, frequently flooded, brief duration	Huntington	16	High
JoaA	Johnsburg silt loam, 0 to 2 percent slopes	Johnsburg	10	High
JoeG	Jubin-Branchville-Rock outcrop complex, 20 to 50 percent slopes, very bouldery	Jubin	22	High
LeaA	Lauer silt loam, 0 to 2 percent slopes	Lauer	16	High
McgC2	Markland silt loam, 6 to 12 percent slopes, eroded	Markland	10	High
McnGQ	Markland silt loam, 18 to 50 percent slopes, rarely flooded	Markland	10	High
McpC3	Markland silty clay loam, 6 to 12 percent slopes, severely eroded	Markland	10	High
McuDQ	Markland silty clay loam, 12 to 25 percent slopes, severely eroded, rarely flooded	Markland	10	High
MhkAH	McAdoo silty clay loam, 0 to 2 percent slopes, frequently flooded, brief duration	McAdoo	16	High
MhuA	McGary silt loam, 0 to 2 percent slopes	McGary	10	High
MsbB	Millstone-Elkinsville complex, 2 to 6 percent slopes	Millstone	16	High
MsbBQ	Millstone-Elkinsville complex, 2 to 6 percent slopes, rarely flooded	Millstone	16	High
MsbC2	Millstone-Elkinsville complex, 6 to 12 percent slopes, eroded	Millstone	16	High

Indiana Nitrate Leaching Index--Continued  
 Perry County, Indiana: Detailed Soil Map Legend

Map symbol	Map unit name	Component	NLI	Rating
MsbCQ	Millstone-Elkinsville complex, 6 to 12 percent slopes, eroded, rarely flooded	Millstone	16	High
NbgAH	Newark silty clay loam, 0 to 2 percent slopes, frequently flooded	Newark	16	High
PhwA	Percell silt loam, 0 to 2 percent slopes	Percell	10	High
PhwB2	Percell silt loam, 2 to 6 percent slopes, eroded	Percell	10	High
PkaAH	Petrolia silty clay loam, 0 to 1 percent slopes, frequently flooded, brief duration	Petrolia	10	High
PsmA	Princeton loam, 0 to 2 percent slopes	Princeton	16	High
RataH	Rahm silty clay loam, 0 to 2 percent slopes, frequently flooded, brief duration	Rahm	10	High
RgvB	Rickert-Alford silt loams, 2 to 6 percent slopes	Rickert	16	High
RgvC2	Rickert-Alford silt loams, 6 to 12 percent slopes, eroded	Rickert	16	High
RgvC3	Rickert-Alford silt loams, 6 to 12 percent slopes, severely eroded	Rickert	16	High
RgvD3	Rickert-Alford silt loams, 12 to 18 percent slopes, severely eroded	Rickert	16	High
RtcB2	Ryker silt loam, 2 to 6 percent slopes, eroded	Ryker	16	High
RtcC2	Ryker silt loam, 6 to 12 percent slopes, eroded	Ryker	16	High
ScbA	Sciotoville silt loam, 0 to 2 percent slopes	Sciotoville	10	High
ScbAQ	Sciotoville silt loam, 0 to 2 percent slopes, rarely flooded	Sciotoville	10	High
ScdB	Sciotoville silt loam, 2 to 4 percent slopes	Sciotoville	10	High
ScdBQ	Sciotoville silt loam, 2 to 4 percent slopes, rarely flooded	Sciotoville	10	High
SfyB2	Shircliff silt loam, 2 to 6 percent slopes, eroded	Shircliff	10	High
StdAH	Stendal silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Stendal	16	High
TakC	Tapawingo silt loam, 2 to 12 percent slopes	Tapawingo	8	Moderate
TakD	Tapawingo silt loam, 12 to 20 percent slopes	Tapawingo	8	Moderate
TckA	Tobinsport silt loam, 0 to 2 percent slopes	Tobinsport	16	High
TckB	Tobinsport silt loam, 2 to 4 percent slopes	Tobinsport	16	High
Uaa	Udorthents, cut and filled	Udorthents	0	Not Rated

Indiana Nitrate Leaching Index--Continued  
 Perry County, Indiana: Detailed Soil Map Legend

Map symbol	Map unit name	Component	NLI	Rating
UabBK	Udipsamments sandy loam, 1 to 6 percent slopes, occasionally flooded, brief duration	Udipsamments	22	High
Uas	Udorthents-Pits, quarries complex	Udorthents	0	Not Rated
Uddd	Urban land-Alford complex, 6 to 18 percent slopes	Alford	16	High
UehB	Urban land-Elkinsville-Hatfield complex, 0 to 6 percent slopes	Elkinsville	16	High
W	Water	Water	0	Not Rated
WaaAH	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Wakeland	16	High
WokAH	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Wilbur	16	High
WprAH	Wirt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Wirt	16	High
WrlAH	Woodmere silty clay loam, 0 to 2 percent slopes, frequently flooded, brief duration	Woodmere	10	High
ZcaA	Zipp silty clay, 0 to 1 percent slopes	Zipp	10	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.