

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

Map symbol	Map unit name	Component	NLI	Rating
AfA	Alford silt loam, 0 to 2 percent slopes	Alford	15	High
AfB2	Alford silt loam, 2 to 5 percent slopes, eroded	Alford	15	High
AfB3	Alford silt loam, 2 to 5 percent slopes, severely eroded	Alford	15	High
AfC2	Alford silt loam, 5 to 10 percent slopes, eroded	Alford	15	High
AfC3	Alford silt loam, 5 to 10 percent slopes, severely eroded	Alford	15	High
AfD2	Alford silt loam, 10 to 18 percent slopes, eroded	Alford	15	High
AfD3	Alford silt loam, 10 to 18 percent slopes, severely eroded	Alford	15	High
AfE	Alford silt loam, 18 to 35 percent slopes	Alford	15	High
Ag	Algiers silt loam, frequently flooded, very brief duration	Algiers	15	High
Ba	Bartle silt loam, 0 to 2 percent slopes, rarely flooded	Bartle	10	High
Bo	Bonnie silt loam, frequently flooded, brief duration	Bonnie	10	High
Co	Combs fine sandy loam, frequently flooded, brief duration	Combs	21	High
Cu	Cuba silt loam, frequently flooded, brief duration	Cuba	15	High
Du	Dumps, mine	Dumps	0	Not Rated
FaB	Fairpoint silt loam, reclaimed, 2 to 8 percent slopes	Fairpoint	7	Moderate
FbG	Fairpoint very parachannery silt loam, 25 to 50 percent slopes	Fairpoint	21	High
GmF	Gilpin-Wellston silt loams, 25 to 35 percent slopes	Gilpin	10	High
Gn	Ginat silt loam	Ginat	10	High
Ha	Haymond silt loam, frequently flooded, brief duration	Haymond	15	High
He	Henshaw silt loam	Henshaw	10	High
HoB2	Hosmer silt loam, 2 to 5 percent slopes, eroded	Hosmer	10	High
HoB3	Hosmer silt loam, 2 to 5 percent slopes, severely eroded	Hosmer	10	High
HoC2	Hosmer silt loam, 5 to 10 percent slopes, eroded	Hosmer	10	High
HoC3	Hosmer silt loam, 5 to 10 percent slopes, severely eroded	Hosmer	10	High
Hu	Huntington silt loam, frequently flooded, brief duration	Huntington	15	High
IoA	Iona silt loam, 0 to 2 percent slopes	Iona	10	High
IoB2	Iona silt loam, 2 to 6 percent slopes, eroded	Iona	10	High
JoA	Johnsburg silt loam, 0 to 2 percent slopes	Johnsburg	10	High

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

Map symbol	Map unit name	Component	NLI	Rating
Ls	Lindside silt loam, frequently flooded, brief duration	Lindside	15	High
MkB2	Markland silt loam, 2 to 6 percent slopes, eroded	Markland	10	High
MkC2	Markland silt loam, 6 to 12 percent slopes, eroded	Markland	10	High
MkD2	Markland silt loam, 12 to 18 percent slopes, eroded	Markland	10	High
MkE	Markland silt loam, 18 to 25 percent slopes	Markland	10	High
MlB3	Markland silty clay loam, 2 to 6 percent slopes, severely eroded	Markland	10	High
MlC3	Markland silty clay loam, 6 to 12 percent slopes, severely eroded	Markland	10	High
MlD3	Markland silty clay loam, 12 to 18 percent slopes, severely eroded	Markland	10	High
Mr	McGary silt loam	McGary	10	High
Ms	Montgomery silty clay loam	Montgomery	10	High
Ne	Newark silt loam, frequently flooded, brief duration	Newark	15	High
Omz	Orthents, earthen dam	Orthents	0	Not Rated
PeA	Pekin silt loam, 0 to 2 percent slopes	Pekin	10	High
PeB2	Pekin silt loam, 2 to 6 percent slopes, eroded	Pekin	10	High
Ph	Philo silt loam, frequently flooded, brief duration	Philo	15	High
Pml	Pits, quarry	Pits, quarry	0	Not Rated
PrB2	Princeton fine sandy loam, 2 to 6 percent slopes, eroded	Princeton	15	High
PrD2	Princeton fine sandy loam, 6 to 18 percent slopes, eroded	Princeton	15	High
Ra	Ragsdale silt loam	Ragsdale	15	High
Rh	Rahm silt loam, occasionally flooded, brief duration	Rahm	10	High
ScA	Sciotoville silt loam, 0 to 2 percent slopes	Sciotoville	10	High
ScB2	Sciotoville silt loam, 2 to 6 percent slopes, eroded	Sciotoville	10	High
Sn	Stendal silt loam, frequently flooded, brief duration	Stendal	15	High
TsA	Tilsit silt loam, 0 to 2 percent slopes	Tilsit	10	High
TsB2	Tilsit silt loam, 2 to 6 percent slopes, eroded	Tilsit	10	High
TsB3	Tilsit silt loam, 2 to 6 percent slopes, severely eroded	Tilsit	7	Moderate
Uaa	Udorthents, cut and filled	Udorthents	0	Not Rated

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

Map symbol	Map unit name	Component	NLI	Rating
UfD	Udorthents fragipan, 6 to 18 percent slopes, gullied	Udorthents	7	Moderate
U1D	Udorthents silty, 6 to 25 percent slopes, gullied	Udorthents	15	High
UnA	Uniontown silt loam, 0 to 2 percent slopes	Uniontown	10	High
UnB2	Uniontown silt loam, 2 to 6 percent slopes, eroded	Uniontown	10	High
UnB3	Uniontown silt loam, 2 to 6 percent slopes, severely eroded	Uniontown	10	High
UnC2	Uniontown silt loam, 6 to 12 percent slopes, eroded	Uniontown	10	High
UnC3	Uniontown silt loam, 6 to 12 percent slopes, severely eroded	Uniontown	10	High
UnE2	Uniontown silt loam, 12 to 25 percent slopes, eroded	Uniontown	10	High
Vn	Vincennes silt loam	Vincennes	10	High
W	Water	Water	0	Not Rated
Wa	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	Wakeland	15	High
WbA	Weinbach loam, 0 to 2 percent slopes	Weinbach	10	High
WcA	Weinbach silt loam, 0 to 2 percent slopes	Weinbach	10	High
WeB	Wellston silt loam, 2 to 6 percent slopes	Wellston	15	High
WeC2	Wellston silt loam, 6 to 12 percent slopes, eroded	Wellston	10	High
WeC3	Wellston silt loam, 6 to 12 percent slopes, severely eroded	Wellston	15	High
WeD2	Wellston silt loam, 12 to 18 percent slopes, eroded	Wellston	15	High
WeD3	Wellston silt loam, 12 to 18 percent slopes, severely eroded	Wellston	15	High
WeE2	Wellston silt loam, 18 to 25 percent slopes, eroded	Wellston	15	High
WeE3	Wellston silt loam, 18 to 25 percent slopes, severely eroded	Wellston	10	High
WhA	Wheeling loam, 0 to 2 percent slopes	Wheeling	15	High
WhB2	Wheeling loam, 2 to 6 percent slopes, eroded	Wheeling	15	High
WhB3	Wheeling loam, 2 to 6 percent slopes, severely eroded	Wheeling	15	High
WhC2	Wheeling loam, 6 to 12 percent slopes, eroded	Wheeling	15	High
WhC3	Wheeling loam, 6 to 12 percent slopes, severely eroded	Wheeling	15	High
W1A	Wheeling silt loam, 0 to 2 percent slopes	Wheeling	15	High
Wr	Wilbur silt loam, frequently flooded, brief duration	Wilbur	15	High
Ws	Woodmere silt loam, occasionally flooded, brief duration	Woodmere	10	High

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

Map symbol	Map unit name	Component	NLI	Rating
ZaB2	Apalona-Zanesville silt loams, 2 to 6 percent slopes, eroded	Apalona	7	Moderate
ZaC2	Apalona-Zanesville silt loams, 6 to 12 percent slopes, eroded	Apalona	7	Moderate
ZaC3	Apalona-Zanesville silt loams, 6 to 12 percent slopes, severely eroded	Apalona	7	Moderate
ZaD2	Zanesville silt loam, 12 to 18 percent slopes, eroded	Zanesville	10	High
ZaD3	Zanesville silt loam, 12 to 18 percent slopes, severely eroded	Zanesville	7	Moderate
Zp	Zipp silty clay loam, 0 to 2 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.