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

Map symbol	Map unit name	Component	NLI	Rating
BbhA	Bartle silt loam, 0 to 2 percent slopes	Bartle	10	High
BcrAQ	Beanblossom silt loam, 1 to 3 percent slopes, rarely flooded	Beanblossom	13	High
BcrAW	Beanblossom silt loam, 1 to 3 percent slopes, occasionally flooded, very brief duration	Beanblossom	13	High
BgeAZ	Birds silt loam, undrained, 0 to 1 percent slopes, frequently flooded, very brief duration	Birds	7	Moderate
BlvAW	Kintner loam, 1 to 3 percent slopes, occasionally flooded, very brief duration	Kintner	10	High
BuoA	Bromer silt loam, 0 to 2 percent slopes	Bromer	10	High
CcaG	Caneyville-Rock outcrop complex, 25 to 60 percent slopes	Caneyville	10	High
CkkB2	Cincinnati silt loam, 2 to 6 percent slopes, eroded	Cincinnati	10	High
CldC2	Cincinnati-Blocher silt loams, 6 to 12 percent slopes, eroded	Cincinnati	10	High
ConC3	Coolville-Rarden complex, 6 to 12 percent slopes, severely eroded	Rarden	7	Moderate
CtwB	Crider-Bedford-Navilleton silt loams, 2 to 6 percent slopes	Crider	13	High
CwaAQ	Cuba silt loam, 0 to 2 percent slopes, rarely flooded	Cuba	13	High
EepB	Elkinsville silt loam, 2 to 6 percent slopes	Elkinsville	13	High
EepGQ	Elkinsville silt loam, 25 to 60 percent slopes, rarely flooded	Elkinsville	13	High
GgbG	Gilwood-Brownstown silt loams, 25 to 75 percent slopes	Gilwood	10	High
GgfE2	Gilwood-Wrays silt loams, 12 to 25 percent slopes, eroded	Gilwood	10	High
GmaG	Gnawbone-Kurtz silt loams, 20 to 60 percent slopes	Gnawbone	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	13	High
HcgAV	Haymond silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration	Haymond	13	High
HcgAW	Haymond silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Haymond	13	High
HufAK	Huntington silt loam, 0 to 2 percent slopes, occasionally flooded	Huntington	13	High
KxkC2	Knobcreek-Navilleton silt loams, 6 to 12 percent slopes, eroded	Knobcreek	10	High

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

Map symbol	Map unit name	Component	NLI	Rating
KxlC3	Knobcreek-Haggatt-Caneyville complex, 6 to 12 percent slopes, severely eroded	Knobcreek	10	High
KxlE3	Knobcreek-Haggatt-Caneyville complex, 12 to 25 percent slopes, severely eroded	Knobcreek	10	High
KxmE2	Knobcreek-Haggatt-Caneyville silt loams, 12 to 25 percent slopes, eroded	Knobcreek	10	High
KxoC2	Knobcreek-Navilleton-Haggatt silt loams, karst, rolling, eroded	Knobcreek	10	High
KxpD2	Knobcreek-Haggatt-Caneyville silt loams, karst, hilly, eroded	Knobcreek	10	High
LpoAK	Lindside silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration	Lindside	13	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
MhuA	McGary silt loam, 0 to 2 percent slopes	McGary	10	High
MhyB2	Gatton silt loam, 2 to 6 percent slopes, eroded	Gatton	10	High
NaaA	Nabb silt loam, 0 to 2 percent slopes	Nabb	10	High
NaaB2	Nabb silt loam, 2 to 6 percent slopes, eroded	Nabb	10	High
NbhAK	Newark silt loam, 0 to 2 percent slopes, occasionally flooded, brief duration	Newark	13	High
PcrA	Pekin silt loam, 0 to 2 percent slopes	Pekin	10	High
PcrB2	Pekin silt loam, 2 to 6 percent slopes, eroded	Pekin	10	High
PhaA	Peoga silt loam, 0 to 1 percent slopes	Peoga	10	High
Pml	Pits, quarry	Pits, quarry	0	Not Rated
Ppu	Pits, sand and gravel	Pits, sand and gravel	0	Not Rated
RctD3	Rarden-Coolville complex, 12 to 22 percent slopes, severely eroded	Rarden	7	Moderate
ScbA	Sciotoville silt loam, 0 to 2 percent slopes	Sciotoville	10	High
ScbB2	Sciotoville silt loam, 2 to 6 percent slopes, eroded	Sciotoville	10	High
SceB2	Scottsburg silt loam, 2 to 4 percent slopes, eroded	Scottsburg	10	High

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

Map symbol	Map unit name	Component	NLI	Rating
SfyB	Shircliff silt loam, 2 to 6 percent slopes	Shircliff	10	High
SoaB	Spickert silt loam, 2 to 6 percent slopes	Spickert	10	High
SodB	Spickert silt loam, terrace, 1 to 4 percent slopes	Spickert	10	High
SolC2	Spickert-Wrays silt loams, 6 to 12 percent slopes, eroded	Spickert	10	High
StaAQ	Steff silt loam, 0 to 2 percent slopes, rarely flooded	Steff	13	High
StdAQ	Stendal silt loam, 0 to 2 percent slopes, rarely flooded	Stendal	13	High
Uaa	Udorthents, cut and filled	Udorthents	0	Not Rated
UaoAK	Udifluvents, cut and filled-Urban land complex, 0 to 2 percent slopes, occasionally flooded, brief duration	Udifluvents, cut and filled	0	Not Rated
UedA	Urban land-Aquents, clayey substratum, complex, lake plain, 0 to 3 percent slopes	Aquents	0	Not Rated
UndAY	Urban land-Udifluvents complex, leveed, 0 to 2 percent slopes	Udifluvents	0	Not Rated
UneC	Urban land-Udarents, clayey substratum, complex, hills, 2 to 12 percent slopes	Udarents	0	Not Rated
UngB	Urban land-Udarents, fragipan substratum, complex, till plain, 0 to 12 percent slopes	Udarents	0	Not Rated
UnkB	Urban land-Udarents, silty substratum, complex, terrace, 0 to 6 percent slopes	Udarents	0	Not Rated
UnlC	Urban land-Udarents, hard bedrock substratum, complex, hills, 2 to 15 percent slopes	Udarents	0	Not Rated
UnpA	Urban land-Udarents, loamy substratum, complex, terrace, 0 to 3 percent slopes	Udarents	0	Not Rated
UnrD	Urban land-Udarents, soft bedrock substratum, complex, hills, 6 to 20 percent slopes	Udarents	0	Not Rated
W	Water	Water	0	Not Rated
WaaAV	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration	Wakeland	13	High
WaaAW	Wakeland silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Wakeland	13	High
WhdD2	Wellrock-Gnawbone-Spickert, soft bedrock substratum, silt loams, 6 to 18 percent slopes, eroded	Wellrock	10	High
WokAV	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded, very brief duration	Wilbur	13	High

Indiana Nitrate Leaching Index--Continued
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Map symbol	Map unit name	Component	NLI	Rating
WokAW	Wilbur silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Wilbur	13	High
WomAK	Wilhite silty clay loam, 0 to 1 percent slopes, occasionally flooded, brief duration	Wilhite	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.