

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

Map symbol	Map unit name	Component	NLI	Rating
AcjE	Adyeville-Ebal silt loams, 18 to 30 percent slopes complex	Adyeville	8	Moderate
AclF	Adyeville-Tipsaw-Wellston complex, 18 to 50 percent slopes	Adyeville	8	Moderate
AcmF	Adyeville-Wellston silt loams, 18 to 50 percent slopes complex	Adyeville	8	Moderate
AgrB	Apalona-Zanesville silt loams, 2 to 6 percent slopes	Apalona	8	Moderate
AmeE	Alvin sandy loam, 12 to 22 percent slopes	Alvin	19	High
AmoC2	Alvin-Bloomfield loamy fine sands, 4 to 10 percent slopes, eroded complex	Alvin	19	High
AmoE	Alvin-Bloomfield loamy fine sands, 15 to 35 percent slopes complex	Alvin	19	High
BbhAQ	Bartle silt loam, 0 to 2 percent slopes, rarely flooded	Bartle	8	Moderate
BcrAW	Beanblossom silt loam, 1 to 3 percent slopes, occasionally flooded, very brief duration	Beanblossom	13	High
BdoB	Bedford silt loam, 2 to 6 percent slopes	Bedford	8	Moderate
BdyB	Bedford-Stoy silt loams, 1 to 4 percent slopes complex	Bedford	8	Moderate
BkeB	Bloomfield-Alvin complex, 1 to 6 percent slopes	Bloomfield	19	High
BlrC	Bloomfield loamy sand, 3 to 10 percent slopes	Bloomfield	19	High
BodAH	Bonnie silt loam, 0 to 1 percent slopes, frequently flooded, brief duration	Bonnie	8	Moderate
BuoA	Bromer silt loam, 0 to 2 percent slopes	Bromer	8	Moderate
BvmG	Brownstown channery silt loam, 25 to 75 percent slopes	Brownstown	8	Moderate
BvoG	Brownstown-Gilwood silt loams, 25 to 75 percent slopes complex	Brownstown	8	Moderate
CbpC2	Caneyville silt loam, 6 to 12 percent slopes, eroded	Caneyville	8	Moderate
CbpD2	Caneyville silt loam, 12 to 20 percent slopes, eroded	Caneyville	8	Moderate
CbxG	Caneyville-Adyeville-Rock outcrop complex, 25 to 75 percent slopes	Caneyville	8	Moderate
CspB	Crider silt loam, 2 to 6 percent slopes	Crider	13	High
CspC2	Crider silt loam, 6 to 12 percent slopes, eroded	Crider	13	High
CspD2	Crider silt loam, 12 to 18 percent slopes, eroded	Crider	13	High
CtxD2	Crider-Frederick silt loams, karst, 6 to 20 percent slopes, eroded complex	Crider	13	High

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CtzD2	Crider-Caneyville silt loams, 12 to 18 percent slopes, eroded complex	Crider	13	High
EaaC2	Ebal silt loam, 6 to 12 percent slopes, eroded	Ebal	8	Moderate
EbdD2	Ebal-Wellston silt loams, 10 to 18 percent slopes, eroded complex	Ebal	8	Moderate
EbeE	Ebal-Wellston silt loams, 12 to 24 percent slopes complex	Ebal	8	Moderate
EhrB2	Elkinsville variant loam, 2 to 6 percent slopes, eroded	Elkinsville variant	13	High
FkhC2	Frederick silt loam, 6 to 12 percent slopes, eroded	Frederick	8	Moderate
FkhD2	Frederick silt loam, 12 to 18 percent slopes, eroded	Frederick	8	Moderate
FklD5	Frederick silty clay loam, 10 to 18 percent slopes, gullied	Frederick	8	Moderate
FknC2	Frederick-Crider silt loams, karst, 2 to 12 percent slopes, eroded complex	Frederick	8	Moderate
FkoD2	Frederick-Crider-Gilwood silt loams, 6 to 18 percent slopes, eroded complex	Frederick	8	Moderate
GacAW	Gatchel loam, 1 to 3 percent slopes, occasionally flooded, very brief duration	Gatchel	19	High
GgeD	Gilwood-Crider silt loams, 6 to 20 percent slopes complex	Gilwood	8	Moderate
GghD	Gilwood-Wrays silt loams, 10 to 25 percent slopes complex	Gilwood	8	Moderate
HarD	Haggatt silt loam, 12 to 18 percent slopes	Haggatt	13	High
HcgAH	Haymond silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Haymond	13	High
HfiaQ	Henshaw silt loam, 1 to 3 percent slopes, rarely flooded	Henshaw	8	Moderate
HnoA	Hoosierville silt loam, 0 to 1 percent slopes	Hoosierville	13	High
HsaB2	Hosmer silt loam, 2 to 6 percent slopes, eroded	Hosmer	8	Moderate
MikAH	McGary silty clay loam, 0 to 2 percent slopes, frequently flooded, brief duration	McGary	8	Moderate
MvnAH	Moundhaven loamy sand, 0 to 2 percent slopes, frequently flooded, brief duration	Moundhaven	19	High
MwhA	Muren silt loam, 1 to 3 percent slopes	Muren	13	High
NbhAH	Newark silt loam, 0 to 2 percent slopes, frequently flooded	Newark	13	High
NprAH	Nolin silt loam, 0 to 2 percent slopes, frequently flooded	Nolin	13	High
Omz	Orthents, earthen dam	Orthents	0	Not Rated

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PcrB	Pekin silt loam, 2 to 6 percent slopes	Pekin	8	Moderate
PcrC2	Pekin silt loam, 6 to 12 percent slopes, eroded	Pekin	8	Moderate
PhfA	Peoga silt loam, clayey substratum, 0 to 1 percent slopes	Peoga	8	Moderate
PkaAH	Petrolia silty clay loam, 0 to 1 percent slopes, frequently flooded, brief duration	Petrolia	8	Moderate
PwdB	Princeton-Alvin complex, 2 to 6 percent slopes	Princeton	13	High
SfvB2	Shircliff silty clay loam, 2 to 6 percent slopes, eroded	Shircliff	8	Moderate
SoaB	Spickert silt loam, 2 to 6 percent slopes	Spickert	8	Moderate
StwAH	Stendal silt loam, clayey substratum, 0 to 2 percent slopes, frequently flooded, brief duration	Stendal	7	Moderate
SvgA	Stoy silt loam, 0 to 2 percent slopes	Stoy	8	Moderate
Uas	Udorthents-Pits, quarries complex	Udorthents	0	Not Rated
UcuA	Udorthents, loamy	Udorthents	0	Not Rated
W	Water	Water	0	Not Rated
WhfC2	Wellston silt loam, 6 to 12 percent slopes, eroded	Wellston	8	Moderate
WhfC3	Wellston silt loam, 6 to 12 percent slopes, severely eroded	Wellston	13	High
WhfD2	Wellston silt loam, 12 to 18 percent slopes, eroded	Wellston	13	High
WokAH	Wilbur silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Wilbur	13	High
WozD5	Wellston silt loam, 10 to 18 percent slopes, gullied	Wellston	13	High
Wpfg	Wellston-Tipsaw-Adyeville complex, 18 to 70 percent slopes	Wellston	13	High
WpoD2	Wellston-Adyeville silt loams, 12 to 18 percent slopes, eroded complex	Wellston	13	High
WppD2	Wellston-Adyeville-Ebal silt loams, 12 to 18 percent slopes, eroded complex	Wellston	13	High
WprAH	Wirt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Wirt	13	High
WymC2	Wrays silt loam, 6 to 12 percent slopes, eroded	Wrays	8	Moderate
WymD	Wrays silt loam, 12 to 18 percent slopes	Wrays	8	Moderate
WymD5	Wrays silt loam, 10 to 18 percent slopes, gullied	Wrays	8	Moderate
WyqD	Wrays-Gilwood silt loams, 6 to 20 percent slopes complex	Wrays	8	Moderate
ZamB2	Apalona-Zanesville silt loams, 2 to 6 percent slopes, eroded	Apalona	7	Moderate

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ZamC2	Apalona-Zanesville silt loams, 6 to 12 percent slopes, eroded	Apalona	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.