

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

Map symbol	Map unit name	Component	NLI	Rating
AlB2	Alford silt loam, 2 to 6 percent slopes, eroded	Alford	10	High
AlC2	Alford silt loam, 6 to 12 percent slopes, eroded	Alford	10	High
Ar	Armiesburg silty clay loam	Armiesburg	10	High
DaB	Dana silt loam, 2 to 5 percent slopes	Dana	7	Moderate
Dm	Dumps, mine	Dumps	0	Not Rated
Ee	Eel silt loam	Eel	7	Moderate
EoA	Elston sandy loam, 0 to 2 percent slopes	Elston	16	High
EoB	Elston sandy loam, 2 to 6 percent slopes	Elston	16	High
FcA	Fincastle silt loam, Bloomington Ridged Plain, 0 to 2 percent slopes	Fincastle	10	High
FgA	Flanagan silt loam, 0 to 2 percent slopes	Flanagan	7	Moderate
FoB2	Fox sandy loam, 2 to 6 percent slopes, eroded	Fox	10	High
FoC2	Fox sandy loam, 6 to 12 percent slopes, eroded	Fox	10	High
FsA	Fox loam, 0 to 2 percent slopes	Fox	10	High
FxC3	Fox clay loam, 6 to 12 percent slopes, severely eroded	Fox	10	High
Ge	Genesee silt loam	Genesee	10	High
GpG	Gosport shaly silt loam, 50 to 70 percent slopes	Gosport	5	Moderate
HeF	Hennepin loam, 25 to 50 percent slopes	Hennepin	7	Moderate
HgB	High Gap silt loam, 2 to 6 percent slopes	High Gap	7	Moderate
IpA	Ipava silt loam, 0 to 2 percent slopes	Ipava	7	Moderate
M-W	Water, Miscellaneous	Miscellaneous water	0	Not Rated
McA	Martinsville loam, 0 to 2 percent slopes	Martinsville	10	High
McB2	Martinsville loam, 2 to 6 percent slopes, eroded	Martinsville	10	High
MeD2	Senachwine silt loam, 10 to 18 percent slopes, eroded	Senachwine	7	Moderate
MsC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	Miami	7	Moderate
MsD3	Miami clay loam, 12 to 18 percent slopes, severely eroded	Miami	7	Moderate
OcA	Ockley silt loam, 0 to 2 percent slopes	Ockley	10	High
OcB	Ockley silt loam, 2 to 6 percent slopes	Ockley	10	High
OrB	Orthents, loamy, 0 to 8 percent slopes	Orthents	7	Moderate

Indiana Nitrate Leaching Index--Continued  
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OrG	Orthents, loamy, 33 to 90 percent slopes	Orthents	7	Moderate
Pa	Palms muck	Palms	16	High
Pg	Pits, gravel	Pits	0	Not Rated
PlA	Plano silt loam, 0 to 2 percent slopes	Plano	10	High
PrC	Princeton fine sandy loam, 8 to 15 percent slopes	Princeton	10	High
PtA	Proctor silt loam, 0 to 2 percent slopes	Proctor	10	High
PtB	Proctor silt loam, 2 to 5 percent slopes	Proctor	10	High
Ra	Ragsdale silt loam	Ragsdale	10	High
RbA	Raub silt loam, non-densic substratum, 0 to 2 percent slopes	Raub	10	High
ReA	Reesville silt loam, 0 to 2 percent slopes	Reesville	10	High
RoF	Rodman gravelly loam, 25 to 50 percent slopes	Rodman	16	High
RtA	Rush silt loam, 0 to 2 percent slopes	Rush	10	High
RtB2	Rush silt loam, 2 to 6 percent slopes, eroded	Rush	10	High
RuB2	Russell silt loam, Bloomington Ridged Plain, 2 to 5 percent slopes, eroded	Russell	10	High
RuC2	Russell silt loam, Bloomington Ridged Plain, 5 to 10 percent slopes, eroded	Russell	10	High
Sa	Sable silty clay loam	Sable	10	High
Sb	Sable silty clay loam, loamy till substratum	Sable	10	High
SeA	Shadeland silt loam, 0 to 2 percent slopes	Shadeland	7	Moderate
SgA	Shipshe loam, 0 to 2 percent slopes	Shipshe	10	High
SgB	Shipshe loam, 2 to 6 percent slopes	Shipshe	10	High
Sh	Shoals silt loam	Shoals	10	High
Sm	Sleeth silt loam	Sleeth	10	High
Sn	Sloan loam	Sloan	10	High
So	Starks silt loam	Starks	10	High
Sp	Stonelick sandy loam	Stonelick	16	High
TaB	Tama silt loam, 2 to 6 percent slopes	Tama	10	High
W	Water	Water	0	Not Rated

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WeA	Wea silt loam, 0 to 2 percent slopes	Wea	10	High
Wt	Westland silty clay loam	Westland	10	High
Wx	Whitaker silt loam, 0 to 2 percent slopes	Whitaker	10	High
XeB	Xenia silt loam, Bloomington Ridged Plain, 2 to 5 percent slopes	Xenia	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.