

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

Map symbol	Map unit name	Component	NLI	Rating
CbaA	Camden silt loam, 0 to 2 percent slopes	Camden	10	High
CudA	Crosby silt loam, fine-loamy subsoil, 0 to 2 percent slopes	Crosby	7	Moderate
CxdA	Cyclone silty clay loam, 0 to 2 percent slopes	Cyclone	10	High
EdeAW	Eel and Beckville soils, 0 to 2 percent slopes, occasionally flooded, very brief duration	Eel	10	High
FdbA	Fincastle silt loam, Tipton Till Plain, 0 to 2 percent slopes	Fincastle	10	High
FdhA	Fincastle-Crosby silt loams, 0 to 2 percent slopes	Fincastle	10	High
FexB2	Fox loam, 2 to 6 percent slopes, eroded	Fox	10	High
FexC2	Fox loam, 6 to 12 percent slopes, eroded	Fox	10	High
MamA	Mahalasville silty clay loam, 0 to 2 percent slopes	Mahalasville	10	High
MaoA	Mahalalands silty clay loam, 0 to 1 percent slopes	Mahalalands	10	High
MjkaH	Medway and Beckville soils, 0 to 2 percent slopes, frequently flooded, brief duration	Medway	10	High
MmoB3	Miami clay loam, 2 to 6 percent slopes, severely eroded	Miami	7	Moderate
MmoC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	Miami	7	Moderate
MmoD3	Miami clay loam, 12 to 18 percent slopes, severely eroded	Miami	7	Moderate
MnpB2	Miami silt loam, 2 to 6 percent slopes, eroded	Miami	7	Moderate
MnpC2	Miami silt loam, 6 to 12 percent slopes, eroded	Miami	7	Moderate
MnpD2	Miami silt loam, 12 to 18 percent slopes, eroded	Miami	7	Moderate
ObxA	Ockley silt loam, 0 to 2 percent slopes	Ockley	10	High
ObxB2	Ockley silt loam, 2 to 6 percent slopes, eroded	Ockley	10	High
Ppu	Pits, sand and gravel	Pits, sand and gravel	0	Not Rated
RqpG	Rodman-Rock outcrop complex, 35 to 70 percent slopes	Rodman	16	High
RtuAH	Rosburg and Landes soils, 0 to 2 percent slopes, frequently flooded, brief duration	Rosburg	10	High
SigE2	Senachwine silt loam, 18 to 25 percent slopes, eroded	Senachwine	7	Moderate
SldAH	Shoals silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	Shoals	10	High
SldAW	Shoals silt loam, 0 to 2 percent slopes, occasionally flooded, very brief duration	Shoals	10	High

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Map symbol	Map unit name	Component	NLI	Rating
SngA	Sleeth silt loam, 0 to 2 percent slopes	Sleeth	10	High
SnlAP	Southwest silt loam, 0 to 1 percent slopes, ponded, brief duration	Southwest	7	Moderate
SocAH	Sloan silty clay loam, 0 to 1 percent slopes, frequently flooded, brief duration	Sloan	10	High
SocAW	Sloan silty clay loam, 0 to 1 percent slopes, occasionally flooded, very brief duration	Sloan	10	High
SteA	Starks silt loam, 0 to 2 percent slopes	Starks	10	High
StjA	Starks-Crosby silt loams, 0 to 2 percent slopes	Starks	10	High
SvqG	Strawn loam, 25 to 70 percent slopes	Strawn	7	Moderate
SvzG	Strawn-Rock outcrop complex, 35 to 70 percent slopes	Strawn	7	Moderate
ThrA	Treaty silty clay loam, 0 to 1 percent slopes	Treaty	10	High
Uaz	Udorthents, sandy	Udorthents, sandy	0	Not Rated
Uby	Udorthents, loamy	Udorthents	0	Not Rated
UfnA	Urban land-Crosby-Treaty complex, fine loamy subsoil, 0 to 2 percent slopes	Crosby	7	Moderate
UfoA	Urban land-Cyclone complex, 0 to 1 percent slopes	Cyclone	10	High
UfxA	Urban land-Fincastle complex, 0 to 2 percent slopes	Fincastle	10	High
UhuA	Urban land-Mahalasville complex, 0 to 1 percent slopes	Mahalasville	10	High
Ukbb	Urban land-Miami complex, 2 to 6 percent slopes	Miami	7	Moderate
Ukbc	Urban land-Miami complex, 6 to 12 percent slopes	Miami	7	Moderate
Ukbd	Urban land-Miami complex, 12 to 18 percent slopes	Miami	7	Moderate
UkpA	Urban land-Ockley complex, 0 to 2 percent slopes	Ockley	10	High
UkpB	Urban land-Ockley complex, 2 to 6 percent slopes	Ockley	10	High
UmyA	Urban land-Treaty complex, 0 to 1 percent slopes	Treaty	10	High
UnhA	Urban land-Wawaka complex, 0 to 2 percent slopes	Wawaka	10	High
UnuA	Urban land-Whitaker complex, 0 to 2 percent slopes	Whitaker	10	High
UnvB	Urban land-Williamstown-Crosby complex, 2 to 4 percent slopes	Williamstown	7	Moderate
Usl	Udorthents, rubbish	Udorthents	0	Not Rated
W	Water	Water	0	Not Rated

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Map symbol	Map unit name	Component	NLI	Rating
WdrA	Wawaka silt loam, 0 to 2 percent slopes	Wawaka	10	High
WdrB2	Wawaka silt loam, 2 to 6 percent slopes, eroded	Wawaka	10	High
WdrC2	Wawaka silt loam, 6 to 12 percent slopes, eroded	Wawaka	10	High
WdrD2	Wawaka silt loam, 12 to 18 percent slopes, eroded	Wawaka	10	High
WmnA	Waynetown silt loam, 0 to 2 percent slopes	Waynetown	10	High
WofB	Williamstown-Crosby silt loams, 2 to 4 percent slopes	Williamstown	7	Moderate
WqvA	Westland silty clay loam, 0 to 2 percent slopes	Westland	10	High
WtaA	Whitaker silt loam, 0 to 2 percent slopes	Whitaker	10	High
XfuB2	Miami-Rainsville complex, 2 to 6 percent slopes, eroded	Miami	7	Moderate
XfuC2	Miami-Rainsville complex, 6 to 12 percent slopes, eroded	Miami	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.