

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

Map symbol	Map unit name	Component	NLI	Rating
AvA	Avonburg silt loam, 0 to 2 percent slopes	Avonburg	8	Moderate
Ba	Bartle silt loam, 0 to 3 percent slopes	Bartle	8	Moderate
BbhA	Bartle silt loam, 0 to 2 percent slopes	Bartle	8	Moderate
BbiB	Bartle-Pekin silt loams, 2 to 6 percent slopes	Bartle	8	Moderate
BcrAW	Beanblossom silt loam, 1 to 3 percent slopes, occasionally flooded, very brief duration	Beanblossom	13	High
Be	Beanblossom channery silt loam, occasionally flooded	Beanblossom	13	High
BeG	Berks channery silt loam, 25 to 75 percent slopes	Berks	8	Moderate
BgF	Berks-Trevlac-Wellston complex, 20 to 70 percent slopes	Berks	8	Moderate
BlgC2	Blocher-Cincinnati silt loams, 6 to 12 percent slopes, eroded	Blocher	8	Moderate
BlhD2	Blocher-Bonnell silt loams, 12 to 25 percent slopes, eroded	Blocher	8	Moderate
BnD2	Bonnell silt loam, 12 to 20 percent slopes, eroded	Bonnell	8	Moderate
BpD3	Bonnell clay loam, 12 to 20 percent slopes, gullied	Bonnell	8	Moderate
CdD2	Chetwynd loam, 12 to 20 percent slopes, eroded	Chetwynd	13	High
CdF	Chetwynd loam, 20 to 50 percent slopes	Chetwynd	13	High
CnC2	Cincinnati silt loam, Wabash Lowland, 6 to 12 percent slopes, eroded	Cincinnati	8	Moderate
CwB	Crosby silt loam, 1 to 5 percent slopes	Crosby	8	Moderate
FdbA	Fincastle silt loam, 0 to 2 percent slopes	Fincastle	13	High
FdqB	Fincastle-Xenia silt loams, 2 to 4 percent slopes	Fincastle	13	High
GgbG	Gilwood-Brownstown silt loams, 25 to 75 percent slopes	Gilwood	8	Moderate
GgFD2	Gilwood-Wrays silt loams, 12 to 25 percent slopes, eroded	Gilwood	8	Moderate
GnF	Gilpin silt loam, 25 to 55 percent slopes	Gilpin	8	Moderate
GpD	Gilpin-Wellston silt loams, 10 to 25 percent slopes	Wellston	8	Moderate
Hc	Haymond silt loam, frequently flooded	Haymond	13	High
HeoF	Hickory silt loam, 25 to 50 percent slopes	Hickory	13	High
HkD2	Hickory silt loam, 12 to 20 percent slopes, eroded	Hickory	13	High
HkF	Hickory silt loam, 20 to 70 percent slopes	Hickory	13	High
KugG	Kurtz-Gnawbone silt loams, 20 to 60 percent slopes	Kurtz	13	High

Indiana Nitrate Leaching Index--Continued  
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Map symbol	Map unit name	Component	NLI	Rating
MnC2	Miami loam, 6 to 15 percent slopes, eroded	Miami	8	Moderate
Omz	Orthents, earthen dam	Orthents	0	Not Rated
PcrC2	Pekin silt loam, 6 to 12 percent slopes, eroded	Pekin	8	Moderate
PeB	Pekin silt loam, 2 to 6 percent slopes	Pekin	8	Moderate
PeC2	Pekin silt loam, 6 to 12 percent slopes, eroded	Pekin	8	Moderate
RoB2	Nabb silt loam, 2 to 6 percent slopes, eroded	Nabb	8	Moderate
Sf	Steff silt loam, frequently flooded	Steff	13	High
SifG	Senachwine loam, 25 to 70 percent slopes	Senachwine	8	Moderate
SoaB	Spickert silt loam, 2 to 6 percent slopes	Spickert	8	Moderate
SoeC2	Spickert-Wrays silt loams, 6 to 18 percent slopes, eroded	Spickert	8	Moderate
St	Stendal silt loam, frequently flooded	Stendal	13	High
StmB	Stonehead silt loam, 2 to 6 percent slopes	Stonehead	8	Moderate
SulC2	Stonehead-Wellrock silt loams, 6 to 15 percent slopes, eroded	Stonehead	8	Moderate
Sv	Stendal silt loam, frequently flooded, very long duration	Stendal	13	High
SwC2	Stonehead silt loam, 6 to 10 percent slopes, eroded	Stonehead	8	Moderate
SwD3	Stonehead silt loam, 10 to 20 percent slopes, gullied	Stonehead	5	Moderate
SxD2	Stonehead-Trevlac silt loams, 10 to 20 percent slopes, eroded	Stonehead	8	Moderate
TlB	Tilsit silt loam, 2 to 6 percent slopes	Tilsit	8	Moderate
Ud	Udorthents, loamy	Udorthents	0	Not Rated
W	Water	Water	0	Not Rated
WacAW	Wakeland-Birds silt loams, 0 to 2 percent slopes, occasionally flooded, very brief duration	Wakeland	13	High
WaD	Wellston-Berks-Trevlac complex, 6 to 20 percent slopes	Wellston	8	Moderate
WbiAW	Wilbur-Wakeland silt loams, 0 to 2 percent slopes, occasionally flooded, very brief duration	Wilbur	13	High
WeC2	Wellston-Gilpin silt loams, 6 to 20 percent slopes, eroded	Wellston	8	Moderate
WeD2	Wellston silt loam, 12 to 18 percent slopes, eroded	Wellston	8	Moderate
Wt	Wilbur silt loam, frequently flooded	Wilbur	13	High
XfuB2	Miami-Rainsville silt loams, 2 to 6 percent slopes, eroded	Miami	8	Moderate

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Map symbol	Map unit name	Component	NLI	Rating
Xrbc2	Miami-Rainsville loams, 6 to 12 percent slopes, eroded	Miami	8	Moderate
XrkD2	Miami-Kendallville loams, 12 to 18 percent slopes, eroded	Miami	8	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.