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

Map symbol	Map unit name	Component	NLI	Rating
AnA	Andres silt loam, 0 to 2 percent slopes	Andres	5	Moderate
AnB	Andres silt loam, 2 to 5 percent slopes	Andres	5	Moderate
As	Ashkum silty clay loam	Ashkum	5	Moderate
AyB2	Ayr variant fine sandy loam, 2 to 6 percent slopes, eroded	Ayr variant	5	Moderate
BaB2	Barce loam, 2 to 6 percent slopes, eroded	Barce	5	Moderate
BaC2	Barce loam, 6 to 12 percent slopes, eroded	Barce	5	Moderate
BbA	Barce silt loam, 0 to 2 percent slopes	Barce	5	Moderate
BdB2	Billett sandy loam, 2 to 6 percent slopes, eroded	Billett	15	High
BeC2	Billett loam, 6 to 12 percent slopes, eroded	Billett	15	High
BmA	Brems variant fine sandy loam, 0 to 3 percent slopes	Brems variant	10	High
Bt	Bryce silty clay, 0 to 2 percent slopes	Bryce	5	Moderate
Ch	Chalmers silty clay loam	Chalmers	10	High
Ck	Comfrey silty clay loam, sandy substratum, occasionally flooded	Comfrey	10	High
Cm	Comfrey silty clay loam, sandy substratum, frequently flooded	Comfrey	5	Moderate
CpA	Conover silt loam, 0 to 3 percent slopes	Conover	5	Moderate
CsA	Corwin silt loam, 0 to 2 percent slopes	Corwin	5	Moderate
CsB2	Corwin silt loam, 2 to 6 percent slopes, eroded	Corwin	5	Moderate
CsC2	Corwin silt loam, 6 to 12 percent slopes, eroded	Corwin	5	Moderate
Ct	Crane silt loam	Crane	10	High
Cu	Crane loam, till substratum	Crane	10	High
Do	Darroch silt loam	Darroch	10	High
Dp	Darroch silt loam, till substratum	Darroch	10	High
Dr	Darroch silt loam, moderately fine substratum	Darroch	10	High
Du	Drummer silty clay loam, 0 to 2 percent slopes	Drummer	10	High
Dv	Drummer silty clay loam, gravelly substratum	Drummer	10	High
Dx	Drummer silty clay loam, stratified sandy substratum	Drummer	10	High
ElA	Elliott silt loam, 0 to 2 percent slopes	Elliott	5	Moderate
ElB2	Elliott silty clay loam, 2 to 4 percent slopes, eroded	Elliott	5	Moderate

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

Map symbol	Map unit name	Component	NLI	Rating
FoB2	Foresman silt loam, 1 to 5 percent slopes, eroded	Foresman	5	Moderate
FpB2	Foresman silt loam, till substratum, 1 to 5 percent slopes, eroded	Foresman	5	Moderate
FrB2	Foresman loam, moderately fine substratum, 1 to 5 percent slopes, eroded	Foresman	5	Moderate
Ft	Free clay loam	Free	10	High
GlA	Gilboa silt loam, 0 to 2 percent slopes	Gilboa	5	Moderate
GlB	Gilboa silt loam, 2 to 4 percent slopes	Gilboa	5	Moderate
Ho	Houghton muck	Houghton	15	High
LsA	Lisbon silt loam, 0 to 2 percent slopes	Lisbon	5	Moderate
MbB2	Markham silt loam, 2 to 6 percent slopes, eroded	Markham	5	Moderate
MlB2	Miami silt loam, 2 to 6 percent slopes, eroded	Miami	5	Moderate
MlD2	Miami silt loam, 12 to 20 percent slopes, eroded	Miami	5	Moderate
MmC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	Miami	5	Moderate
MuB3	Montmorenci loam, 2 to 6 percent slopes, severely eroded	Montmorenci	5	Moderate
MxB2	Montmorenci silt loam, 2 to 6 percent slopes, eroded	Montmorenci	5	Moderate
OlA	Odell silt loam, 0 to 2 percent slopes	Odell	5	Moderate
OlB2	Odell silt loam, 2 to 4 percent slopes, eroded	Odell	5	Moderate
Pn	Peotone silty clay loam, undrained	Peotone	5	Moderate
Pt	Pits, gravel	Pits	0	Not Rated
RuA	Rush silt loam, 0 to 2 percent slopes	Rush	10	High
RuB2	Rush silt loam, 2 to 6 percent slopes, eroded	Rush	10	High
Sd	Seafield fine sandy loam	Seafield	15	High
Sh	Selma silty clay loam, till substratum	Selma	10	High
Sk	Selma silty clay loam, moderately fine substratum	Selma	10	High
SxA	Swygert silty clay loam, 0 to 2 percent slopes	Swygert	5	Moderate
SxB2	Swygert silty clay loam, 2 to 6 percent slopes, eroded	Swygert	5	Moderate
TlA	Tippecanoe silt loam, 0 to 2 percent slopes	Tippecanoe	5	Moderate
TlB	Tippecanoe silt loam, 2 to 4 percent slopes	Tippecanoe	5	Moderate

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

Map symbol	Map unit name	Component	NLI	Rating
VaB2	Varna silt loam, 1 to 5 percent slopes, eroded	Varna	5	Moderate
W	Water	Water	0	Not Rated
Wa	Wallkill variant silty clay loam	Wallkill variant	5	Moderate
Wb	Warners variant silty clay, undrained	Warners variant	5	Moderate
WhA	Wea silt loam, 0 to 2 percent slopes	Wea	10	High
WhB2	Wea silt loam, 2 to 6 percent slopes, eroded	Wea	10	High
WoA	Whitaker silt loam, 0 to 2 percent slopes	Whitaker	10	High
Wt	Wolcott loam	Wolcott	10	High

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.