

First Named Component Leaching Index Values for CRP  
Frederick County, Maryland: Detailed Soil Map Legend (maintenance)

(see footnotes at end of table)

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
AdA	Adamstown	Adamstown silt loam, 0 to 3 percent slopes		1
AdB	Adamstown	Adamstown silt loam, 3 to 8 percent slopes		1
AfB	Adamstown	Adamstown-Funkstown complex, 0 to 8 percent slopes		1
ArB	Airmont	Airmont cobbly loam, 3 to 8 percent slopes, extremely stony		1
ArD	Airmont	Airmont cobbly loam, 8 to 25 percent slopes, extremely stony		1
AtB	Athol	Athol gravelly loam, 3 to 8 percent slopes		2
AtC	Athol	Athol gravelly loam, 8 to 15 percent slopes		2
BaB	Bagtown	Bagtown cobbly loam, 3 to 8 percent slopes, extremely stony		1
BaC	Bagtown	Bagtown cobbly loam, 8 to 15 percent slopes, extremely stony		1
BaD	Bagtown	Bagtown cobbly loam, 15 to 25 percent slopes, extremely stony		1
BbD	Bagtown	Bagtown cobbly loam, 15 to 25 percent slopes, rubbly		1
BbE	Bagtown	Bagtown cobbly loam, 25 to 45 percent slopes, rubbly		1
BcB	Baile	Baile-Glenville silt loams, 0 to 8 percent slopes		1
BdB	Benevola	Benevola silty clay loam, 0 to 8 percent slopes		2
BdC	Benevola	Benevola silty clay loam, 8 to 15 percent slopes		2
BfA	Bermudian	Bermudian silt loam, 0 to 3 percent slopes		2
BgA	Birdsboro	Birdsboro silt loam, 0 to 3 percent slopes		2
BgB	Birdsboro	Birdsboro silt loam, 3 to 8 percent slopes		2
BhE	Blocktown	Blocktown gravelly loam, 25 to 45 percent slopes		2
BkD	Brinklow	Brinklow-Blocktown channery loams, 15 to 25 percent slopes		2
BmA	Bowmansville	Bowmansville-Rowland silt loams, 0 to 3 percent slopes		1
BmB	Bowmansville	Bowmansville-Rowland complex, 3 to 8 percent slopes		1
BnB	Braddock	Braddock gravelly loam, 3 to 8 percent slopes		2
BnC	Braddock	Braddock gravelly loam 8 to 15 percent slopes		2
BoB	Braddock	Braddock cobbly loam, 3 to 8 percent slopes		3
BpB	Brecknock	Brecknock channery loam, 3 to 8 percent slopes		2
BrB	Brentsville	Brentsville channery loam, 3 to 8 percent slopes		1
BrC	Brentsville	Brentsville channery loam, 8 to 15 percent slopes		1
BsB	Buckeystown	Buckeystown sandy loam, 3 to 8 percent slopes		2
BtB	Buckeystown	Buckeystown loam, 3 to 8 percent slopes		2
BtC	Buckeystown	Buckeystown loam, 8 to 15 percent slopes		2
BuB	Buckeystown	Buckeystown sandy loam, 3 to 8 percent slopes, rocky		2
CaC	Cardiff	Cardiff channery loam, 8 to 15 percent slopes		1
CaD	Cardiff	Cardiff channery loam, 15 to 25 percent slopes		1
CaE	Cardiff	Cardiff channery loam, 25 to 45 percent slopes		1
CbF	Cardiff	Cardiff channery loam, 25 to 65 percent slopes, rocky		1
CcC	Catoctin	Catoctin channery loam, 8 to 15 percent slopes		2
CcD	Catoctin	Catoctin channery loam, 15 to 25 percent slopes		2
CcE	Catoctin	Catoctin channery loam, 25 to 45 percent slopes		2
CdB	Catoctin	Catoctin-Highfield complex, 3 to 8 percent slopes, very rocky		2
CdC	Catoctin	Catoctin-Highfield complex, 8 to 15 percent slopes, very rocky		2
CdD	Catoctin	Catoctin-Highfield complex, 15 to 25 percent slopes, very rocky		2

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
CdE	Catoctin	Catoctin-Highfield complex, 15 to 45 percent slopes, very rocky		2
CeB	Catoctin	Catoctin-Spoolsville complex, 3 to 8 percent slopes		2
CeC	Catoctin	Catoctin-Spoolsville complex, 8 to 15 percent slopes		2
CeD	Catoctin	Catoctin-Spoolsville complex, 15 to 25 percent slopes		2
CeE	Catoctin	Catoctin-Spoolsville complex, 25 to 45 percent slopes		2
CgA	Codorus	Codorus and Hatboro silt loams, 0 to 3 percent slopes		1
CmA	Combs	Combs fine sandy loam, 0 to 3 percent slopes		2
CnA	Combs	Combs silt loam, 0 to 3 percent slopes		1
CoB	Conestoga	Conestoga and Letort silt loams, 3 to 8 percent slopes		2
CoC	Conestoga	Conestoga and Letort silt loams, 8 to 15 percent slopes		2
CrA	Croton	Croton-Abbottstown silt loams, 0 to 3 percent slopes		1
CrB	Croton	Croton-Abbottstown silt loams, 3 to 8 percent slopes		1
DbF	Dekalb	Dekalb-Bagtown-Rock outcrop complex, 25 to 65 percent slopes		2
DeC	Dekalb	Dekalb-Rock outcrop complex, 8 to 15 percent slopes		2
DeD	Dekalb	Dekalb-Rock outcrop complex, 15 to 25 percent slopes		2
DoB	Downsville	Downsville gravelly loam, 3 to 8 percent slopes		2
DoC	Downsville	Downsville gravelly loam, 8 to 15 percent slopes		2
DqA	Dryrun	Dryrun gravelly loam, 0 to 3 percent slopes		1
DtA	Duffield	Duffield-Ryder silt loams, 0 to 3 percent slopes		2
DtB	Duffield	Duffield-Ryder silt loams, 3 to 8 percent slopes		2
DtC	Duffield	Duffield-Ryder silt loams, 8 to 15 percent slopes		2
DuB	Duffield	Duffield and Ryder channery silt loams, 3 to 8 percent slopes		2
DvB	Duffield	Duffield and Ryder channery silt loams, 3 to 8 percent slopes, rocky		2
DwB	Duffield	Duffield-Hagerstown-Urban land complex, 3 to 8 percent slopes		2
EdB	Edgemont	Edgemont gravelly loam, 3 to 8 percent slopes		3
EgB	Edgemont	Edgemont gravelly loam, 3 to 8 percent slopes, very stony		2
EgC	Edgemont	Edgemont gravelly loam, 8 to 15 percent slopes, very stony		2
EgD	Edgemont	Edgemont gravelly loam, 15 to 25 percent slopes, very stony		3
ErB	Edgemont	Edgemont-Rock Outcrop complex, 3 to 8 percent slopes		3
ErC	Edgemont	Edgemont-Rock outcrop complex, 8 to 15 percent slopes		3
ErD	Edgemont	Edgemont-Rock outcrop complex, 15 to 25 percent slopes		3
ErE	Edgemont	Edgemont-Rock Outcrop complex, 25 to 45 percent slopes		3
FoB	Foxville	Foxville cobbly silt loam, 0 to 8 percent slopes, rubbly		1
FxA	Foxville	Foxville and Hatboro soils, 0 to 3 percent slopes		1
GaB	Gaila	Gaila silt loam, 3 to 8 percent slopes		2
GaC	Gaila	Gaila silt loam, 8 to 15 percent slopes		2
GeB	Glenelg	Glenelg loam, 3 to 8 percent slopes		2
GfB	Glenelg	Glenelg silt loam, 3 to 8 percent slopes		2
GgB	Glenelg	Glenelg gravelly loam, 3 to 8 percent slopes		3
GgC	Glenelg	Glenelg gravelly loam, 8 to 15 percent slopes		3
GhB	Glenelg	Glenelg-Blocktown gravelly loams, 3 to 8 percent slopes		3
GhC	Glenelg	Glenelg-Blocktown gravelly loams, 8 to 15 percent slopes		3
GmB	Glenelg	Glenelg-Mt. Airy channery loams, 3 to 8 percent slopes		3

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
GnB	Glenelg	Glenelg-Mt. Airy-Urban land complex, 0 to 8 percent slopes		3
GoB	Glenville	Glenville silt loam, 3 to 8 percent slopes		1
GoC	Glenville	Glenville silt loam, 8 to 15 percent slopes		1
GuB	Glenville	Glenville-Baile silt loams, 3 to 8 percent slopes		1
GvA	Glenville	Glenville-Codorus complex, 0 to 3 percent slopes		1
GvB	Glenville	Glenville-Codorus complex, 3 to 8 percent slopes		1
HaA	Hagerstown	Hagerstown loam, 0 to 3 percent slopes		2
HaB	Hagerstown	Hagerstown loam, 3 to 8 percent slopes		2
HaC	Hagerstown	Hagerstown loam, 8 to 15 percent slopes		2
HbB	Hagerstown	Hagerstown silt loam, 3 to 8 percent slopes		2
HcB	Hagerstown	Hagerstown-Opequon silty clay loams, 3 to 8 percent slopes, rocky		2
HdA	Hatboro	Hatboro-Codorus silt loams, 0 to 3 percent slopes		1
HgB	Highfield	Highfield gravelly silt loam, 3 to 8 percent slopes		2
HgC	Highfield	Highfield gravelly silt loam, 8 to 15 percent slopes		2
HgD	Highfield	Highfield gravelly silt loam, 15 to 25 percent slopes		2
HhB	Highfield	Highfield gravelly silt loam, 3 to 8 percent slopes, very stony		2
HhC	Highfield	Highfield gravelly silt loam, 8 to 15 percent slopes, very stony		2
HhD	Highfield	Highfield gravelly silt loam, 15 to 25 percent slopes, very stony		2
HtF	Hyattstown	Hyattstown very channery loam, 25 to 65 percent slopes, rocky		1
HyD	Hyattstown	Hyattstown-Linganore channery silt loams, 15 to 25 percent slopes		1
KeB	Klinesville	Klinesville very channery loam, 3 to 8 percent slopes		2
KeC	Klinesville	Klinesville very channery loam, 8 to 15 percent slopes		2
KeD	Klinesville	Klinesville very channery loam, 15 to 25 percent slopes		2
KnB	Klinesville	Klinesville channery silt loam, 3 to 8 percent slopes		2
KnC	Klinesville	Klinesville channery silt loam, 8 to 15 percent slopes		2
KrF	Klinesville	Klinesville-Rock Outcrop complex, 25 to 65 percent slopes		2
LaB	Lantz	Lantz-Rohrersville silt loams, 0 to 8 percent slopes, extremely stony		1
LeB	Leetonia	Leetonia very gravelly sandy loam, 0 to 8 percent slopes, very stony		3
LgB	Legore	Legore gravelly silt loam, 3 to 8 percent slopes		2
LnB	Legore	Legore-Montalto gravelly silt loams, 3 to 8 percent slopes, bouldery		2
LnD	Legore	Legore-Montalto gravelly silt loams, 15 to 25 percent slopes, bouldery		2
LqB	Lehigh	Lehigh channery loam, 3 to 8 percent slopes		1
LsA	Lindside	Lindside silt loam, 0 to 3 percent slopes		1
LyB	Linganore	Linganore-Hyattstown channery silt loams, 3 to 8 percent slopes		3
LyC	Linganore	Linganore-Hyattstown channery silt loams, 8 to 15 percent slopes		3
MaA	Melvin	Melvin-Lindside silt loams, 0 to 3 percent slopes		1
MbA	Morven	Morven loam, 0 to 3 percent slopes		1
MbB	Morven	Morven loam, 3 to 8 percent slopes		1
MeB	Mt.airy	Mt. Airy channery loam, 3 to 8 percent slopes		3
MeC	Mt.airy	Mt. Airy channery loam, 8 to 15 percent slopes		3
MeD	Mt.airy	Mt. Airy channery loam, 15 to 25 percent slopes		3
MeF	Mt.airy	Mt. Airy channery loam, 25 to 65 percent slopes		3
MmA	Mt. zion	Mt. Zion gravelly silt loam, 0 to 3 percent slopes		1
MmB	Mt. zion	Mt. Zion gravelly silt loam, 3 to 8 percent slopes		1

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
MmC	Mt. zion	Mt. Zion gravelly silt loam, 8 to 15 percent slopes		1
MnA	Mt. zion	Mt. Zion-Rohrersville complex, 0 to 3 percent slopes		1
MnB	Mt. zion	Mt. Zion-Rohrersville complex, 3 to 8 percent slopes		1
MoB	Mt. zion	Mt. Zion-Codorus complex, 0 to 8 percent slopes		1
MrB	Murrill	Murrill gravelly loam, 3 to 8 percent slopes		2
MtB	Murrill	Murrill-Dryrun-Urban land complex, 0 to 8 percent slopes		2
MuB	Myersville	Myersville gravelly silt loam, 3 to 8 percent slopes		2
MuC	Myersville	Myersville gravelly silt loam, 8 to 15 percent slopes		3
MvA	Myersville	Myersville silt loam, 0 to 3 percent slopes		2
MvB	Myersville	Myersville silt loam, 3 to 8 percent slopes		2
MvC	Myersville	Myersville silt loam, 8 to 15 percent slopes		2
MxA	Myersville	Myersville-Burkittsville complex, 0 to 3 percent slopes		2
MxB	Myersville	Myersville-Burkittsville complex, 3 to 8 percent slopes		2
MyB	Myersville	Myersville-Catoctin-Urban land complex, 3 to 8 percent slopes		2
MyC	Myersville	Myersville-Catoctin-Urban land complex, 8 to 15 percent slopes		2
NoA	Norton	Norton gravelly silt loam, 0 to 3 percent slopes		1
NoB	Norton	Norton gravelly silt loam, 3 to 8 percent slopes		1
NoC	Norton	Norton gravelly silt loam, 8 to 15 percent slopes		1
OcB	Occoquan	Occoquan loam, 3 to 8 percent slopes		2
OcC	Occoquan	Occoquan loam, 8 to 15 percent slopes		2
PaB	Penn	Penn loam, 3 to 8 percent slopes		1
PeB	Penn	Penn channery loam, 3 to 8 percent slopes		1
PeC	Penn	Penn channery loam, 8 to 15 percent slopes		1
PnB	Penn	Penn silt loam, 3 to 8 percent slopes		1
PnC	Penn	Penn silt loam, 8 to 15 percent slopes		1
PqB	Reaville	Penn-Reaville-Urban land complex, 0 to 8 percent slopes		1
PrA	Penn	Penn-Reaville silt loam, 0 to 3 percent slopes		1
PrB	Penn	Penn-Reaville silt loams, 3 to 8 percent slopes		1
RaD	Ravenrock	Ravenrock gravelly loam, 15 to 25 percent slopes, extremely stony		1
ReB	Ravenrock	Ravenrock-Highfield-Rock outcrop complex, 0 to 8 percent slopes		1
ReC	Ravenrock	Ravenrock-Highfield-Rock outcrop complex, 8 to 15 percent slopes		1
ReD	Ravenrock	Ravenrock-Highfield-Rock outcrop complex, 15 to 25 percent slopes		1
ReF	Ravenrock	Ravenrock-Highfield-Rock outcrop complex, 25 to 65 percent slopes		1
RfC	Ravenrock	Ravenrock-Rohrersville complex, 3 to 15 percent slopes, extremely stony		1
RgA	Readington	Readington silt loam, 0 to 3 percent slopes		1
RgB	Readington	Readington silt loam, 3 to 8 percent slopes		1
RmA	Reaville	Reaville silt loam, 0 to 3 percent slopes		1
RoB	Rohrersville	Rohrersville-Lantz silt loams, 0 to 8 percent slopes		1
RwA	Rowland	Rowland silt loam, 0 to 3 percent slopes		1
ScC	Spoolsville	Spoolsville-Burkittsville complex, 8 to 15 percent slopes		2
ScD	Spoolsville	Spoolsville-Burkittsville complex, 15 to 25 percent slopes		2
SdC	Spoolsville	Spoolsville-Catoctin complex, 8 to 15 percent slopes		2
SeA	Spoolsville	Spoolsville silt loam, 0 to 3 percent slopes		2
SeB	Spoolsville	Spoolsville silt loam, 3 to 8 percent slopes		2
SpA	Springwood	Springwood gravelly loam, 0 to 3 percent slopes		3
SpB	Springwood	Springwood gravelly loam, 3 to 8 percent slopes		3
SpC	Springwood	Springwood gravelly loam, 8 to 15 percent slopes		3

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
SqB	Springwood	Springwood-Rock outcrop complex, 3 to 8 percent slopes		3
SrB	Springwood	Springwood-Morven-Urban land complex, 3 to 8 percent slopes		3
StB	Stumptown	Stumptown-Rock outcrop complex, 0 to 8 percent slopes		2
StC	Stumptown	Stumptown-Rock outcrop complex, 8 to 15 percent slopes		2
StD	Stumptown	Stumptown-Rock outcrop complex, 15 to 25 percent slopes		2
SuD	Stumptown	Stumptown-Bagtown-Rock outcrop complex, 15 to 25 percent slopes		2
SuF	Stumptown	Stumptown-Bagtown-Rock outcrop complex, 25 to 65 percent slopes		2
TaB	Thurmont	Thurmont gravelly loam, 3 to 8 percent slopes		3
TaC	Thurmont	Thurmont gravelly loam, 8 to 15 percent slopes		3
ThB	Thurmont	Thurmont gravelly loam, 3 to 8 percent slopes, very stony		3
ToA	Trego	Trego gravelly loam, 0 to 3 percent slopes		1
ToB	Trego	Trego gravelly loam, 3 to 8 percent slopes		1
TqB	Trego	Trego gravelly loam, 3 to 8 percent slopes, very stony		1
TrB	Trego	Trego cobbly loam, 3 to 8 percent slopes		1
TxB	Trego	Trego-Foxville complex, 0 to 8 percent slopes		1
WaA	Walkersville	Walkersville gravelly loam, 0 to 3 percent slopes		2
WaB	Walkersville	Walkersville gravelly loam, 3 to 8 percent slopes		2
WaC	Walkersville	Walkersville gravelly loam, 8 to 15 percent slopes		2
WCB	Watchung	Watchung silt loam, 0 to 8 percent slopes		1
WeC	Weverton	Weverton-Hazel complex, 8 to 15 percent slopes, very stony		2
WeD	Weverton	Weverton-Hazel complex, 15 to 25 percent slopes, very stony		2
WeE	Weverton	Weverton-Hazel complex, 25 to 45 percent slopes, very stony		2
WhB	Wheeling	Wheeling gravelly loam, 0 to 8 percent slopes		3
WrB	Whiteford	Whiteford-Cardiff channery loams, 3 to 8 percent slopes		2
WrC	Whiteford	Whiteford-Cardiff channery loams, 8 to 15 percent slopes		2
WtB	Wiltshire	Wiltshire-Funkstown complex, 0 to 8 percent slopes		1

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is based on data from the first named component of the soil map unit.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining sign-up scores for National ranking subfactor N2 without further code conversion.