

United States Department of Agriculture
 Natural Resources Conservation Service

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

(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		3
CaD	CARDIFF	Cardiff channery loam, 15 to 25 percent slopes		3
CaE	CARDIFF	Cardiff channery loam, 25 to 45 percent slopes		3
CbF	CARDIFF	Cardiff channery loam, 25 to 65 percent slopes, rocky		3
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
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

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Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
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	BAGTOWN	Dekalb-Bagtown-Rock outcrop complex, 25 to 65 percent slopes		1
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
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

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Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
HdA	HATBORO	Hatboro-Codorus silt loams, 0 to 3 percent slopes		1
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
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

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Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
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	PENN	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	ROHRERSVILL	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
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	WALKERSVILL	Walkersville gravelly loam, 0 to 3 percent slopes		2

E

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Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
WaB	WALKERSVILL	Walkersville gravelly loam, 3 to 8 percent slopes		2
WaC	WALKERSVILL	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
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.

