

First Named Component Leaching Index Values for CRP
Charles County, Maryland: Detailed Soil Map Legend (out-of-date)

(see footnotes at end of table)

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
AuC2	Aura	Aura gravelly sandy loam, 5 to 10 percent slopes, moderately eroded		2
AuD2	Aura	Aura gravelly sandy loam, 10 to 15 percent slopes, moderately eroded		2
AuD3	Aura	Aura gravelly sandy loam, 5 to 15 percent slopes, severely eroded		2
BlA	Beltsville	Beltsville silt loam, 0 to 2 percent slopes		1
BlB2	Beltsville	Beltsville silt loam, 2 to 5 percent slopes, moderately eroded		1
BlC2	Beltsville	Beltsville silt loam, 5 to 10 percent slopes, moderately eroded		1
BlC3	Beltsville	Beltsville silt loam, 5 to 10 percent slopes, severely eroded		1
Bo	Bibb	Bibb silt loam		1
BrB2	Bourne	Bourne sandy loam, 2 to 5 percent slopes, moderately eroded		1
BrC2	Bourne	Bourne sandy loam, 5 to 10 percent slopes, moderately eroded		1
BuC3	Bourne	Bourne sandy clay loam, 5 to 10 percent slopes, severely eroded		1
ChB2	Chillum	Chillum silt loam, 2 to 6 percent slopes, moderately eroded		2
ChC2	Chillum	Chillum silt loam, 6 to 12 percent slopes, moderately eroded		2
CrB2	Croom	Croom gravelly loam, 3 to 8 percent slopes, moderately eroded		2
CrC2	Croom	Croom gravelly loam, 8 to 15 percent slopes, moderately eroded		2
CrC3	Croom	Croom gravelly loam, 8 to 15 percent slopes, severely eroded		2
Ek	Elkton	Elkton silt loam	1	1
EvB	Evesboro	Evesboro loamy sand, 0 to 8 percent slopes		3
EvC	Evesboro	Evesboro loamy sand, 8 to 15 percent slopes		3
ExC2	Exum	Exum silt loam, 5 to 10 percent slopes, moderately eroded		1
ExC3	Exum	Exum clay loam, 5 to 10 percent slopes, severely eroded		1
ExD2	Exum	Exum silt loam, 10 to 15 percent slopes, moderately eroded		1
EyD3	Exum	Exum clay loam, 10 to 15 percent slopes, severely eroded		1
EzB2	Exum	Exum-Beltsville silt loams, 2 to 5 percent slopes, moderately eroded		1
Fs	Fallsington	Fallsington sandy loam	3	1
GaB	Galestown	Galestown loamy sand, 0 to 8 percent slopes		3
Ik	Iuka	Iuka fine sandy loam		1
Im	Iuka	Iuka sandy loam, local alluvium		1
In	Iuka	Iuka silt loam, local alluvium		1
KeA	Keyport	Keyport fine sandy loam, 0 to 2 percent slopes		1
KeB2	Keyport	Keyport fine sandy loam, 2 to 5 percent slopes, moderately eroded		1
KpA	Keyport	Keyport silt loam, 0 to 2 percent slopes		1
KpB2	Keyport	Keyport silt loam, 2 to 5 percent slopes, moderately eroded		1

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
KpC2	Keyport	Keyport silt loam, 5 to 12 percent slopes, moderately eroded		1
KpC3	Keyport	Keyport silty clay loam, 5 to 12 percent slopes, severely eroded		1
Le	Leonardtwn	Leonardtwn silt loam		1
MlB2	Marr	Marr fine sandy loam, 2 to 5 percent slopes, moderately eroded		2
MmA	Matapeake	Matapeake fine sandy loam, 0 to 2 percent slopes		2
MmB2	Matapeake	Matapeake fine sandy loam, 2 to 5 percent slopes, moderately eroded		2
MnA	Matapeake	Matapeake silt loam, 0 to 2 percent slopes		2
MnB2	Matapeake	Matapeake silt loam, 2 to 5 percent slopes, moderately eroded		2
MnC2	Matapeake	Matapeake silt loam, 5 to 10 percent slopes, moderately eroded		2
MnC3	Matapeake	Matapeake silt loam, 5 to 10 percent slopes, severely eroded		2
Ms	Matawan	Matawan loamy sand		1
MtA	Mattapex	Mattapex fine sandy loam, 0 to 2 percent slopes		1
MtB2	Mattapex	Mattapex fine sandy loam, 2 to 5 percent slopes, moderately eroded		1
MuA	Mattapex	Mattapex silt loam, 0 to 2 percent slopes		1
MuB2	Mattapex	Mattapex silt loam, 2 to 5 percent slopes, moderately eroded		1
MxC	Mattapex	Mattapex soils, 5 to 12 percent slopes		1
OcB	Ochlockonee	Ochlockonee fine sandy loam, local alluvium, 0 to 5 percent slopes		3
Or	Osier	Osier loamy sand	2	1
Os	Othello	Othello fine sandy loam	1	1
Ot	Othello	Othello silt loam	1	1
RdB2	Rumford	Rumford loamy sand, 0 to 5 percent slopes, moderately eroded		3
RdC2	Rumford	Rumford loamy sand, 5 to 10 percent slopes, moderately eroded		3
RgB2	Rumford	Rumford gravelly sandy loam, 0 to 5 percent slopes moderately eroded		2
RgC2	Rumford	Rumford gravelly sandy loam, 5 to 10 percent slopes moderately eroded		2
ShA	Sassafras	Sassafras sandy loam, 0 to 2 percent slopes		2
ShB2	Sassafras	Sassafras sandy loam, 2 to 5 percent slopes, moderately eroded		2
ShC2	Sassafras	Sassafras sandy loam, 5 to 10 percent slopes, moderately eroded		2
ShC3	Sassafras	Sassafras sandy loam, 5 to 10 percent slopes, severely eroded		2
ShD2	Sassafras	Sassafras sandy loam, 10 to 15 percent slopes, moderately eroded		2
ShD3	Sassafras	Sassafras sandy loam, 10 to 15 percent slopes, severely eroded		2
WaB2	Westphalia	Westphalia fine sandy loam, 2 to 6 percent slopes, moderately eroded		2
WaC2	Westphalia	Westphalia fine sandy loam, 6 to 12 percent slopes moderately eroded		2
WaC3	Westphalia	Westphalia fine sandy loam, 6 to 12 percent slopes severely eroded		2
WaD2	Westphalia	Westphalia fine sandy loam, 12 to 20 percent slopes moderately eroded		2
WaD3	Westphalia	Westphalia fine sandy loam, 12 to 20 percent slopes, severely eroded		2
WeB2	Westphalia	Westphalia-Evesboro complex, 2 to 6 percent slope, moderately eroded		2
WeC2	Westphalia	Westphalia-Evesboro complex, 6 to 12 percent slopes moderately eroded		2

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
WeC3	Westphalia	Westphalia-Evesboro complex, 6 to 12 percent slopes severely eroded		2
WkB2	Wickham	Wickham fine sandy loam, 2 to 5 percent slopes, moderately eroded		2
WkC2	Wickham	Wickham fine sandy loam, 5 to 10 percent slopes, moderately eroded		2
WkD2	Wickham	Wickham fine sandy loam, 10 to 15 percent slopes, moderately eroded		2
WmC3	Wickham	Wickham sandy clay loam, 5 to 10 percent slopes, severely eroded		2
WmD3	Wickham	Wickham sandy clay loam, 10 to 15 percent slopes, severely eroded		2
WoA	Woodstown	Woodstown sandy loam, 0 to 2 percent slopes		1
WoB2	Woodstown	Woodstown sandy loam, 2 to 5 percent slopes, moderately eroded		1
WoC2	Woodstown	Woodstown sandy loam, 5 to 10 percent slopes, moderately eroded		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.