

United States Department of Agriculture
 Natural Resources Conservation Service

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 Charles County, Maryland: Detailed Soil Map Legend (out-of-date)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 SLOEPS, 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 |
| B1A | BELTSVILLE | BELTSVILLE SILT LOAM, 0 TO 2 PERCENT SLOPES | | 1 |
| B1B2 | BELTSVILLE | BELTSVILLE SILT LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED | | 1 |
| B1C2 | BELTSVILLE | BELTSVILLE SILT LOAM, 5 TO 10 PERCENT SLOPES, MODERATELY ERODED | | 1 |
| B1C3 | 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 | | 1 |
| CrC2 | CROOM | CROOM GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED | | 1 |
| CrC3 | CROOM | CROOM GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED | | 1 |
| 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 |
| 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 | LEONARDTOWN | LEONARDTOWN SILT LOAM | | 1 |
| M1B2 | 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 |

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|------------|----------------|--|---------------|-----------------|
| 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 |
| 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 |

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| Map Symbol | Component Name | Map Unit Name | Drained Index | Undrained Index |
|------------|----------------|--|---------------|-----------------|
| 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 signup scores for National ranking subfactor N2 without further code conversion.

