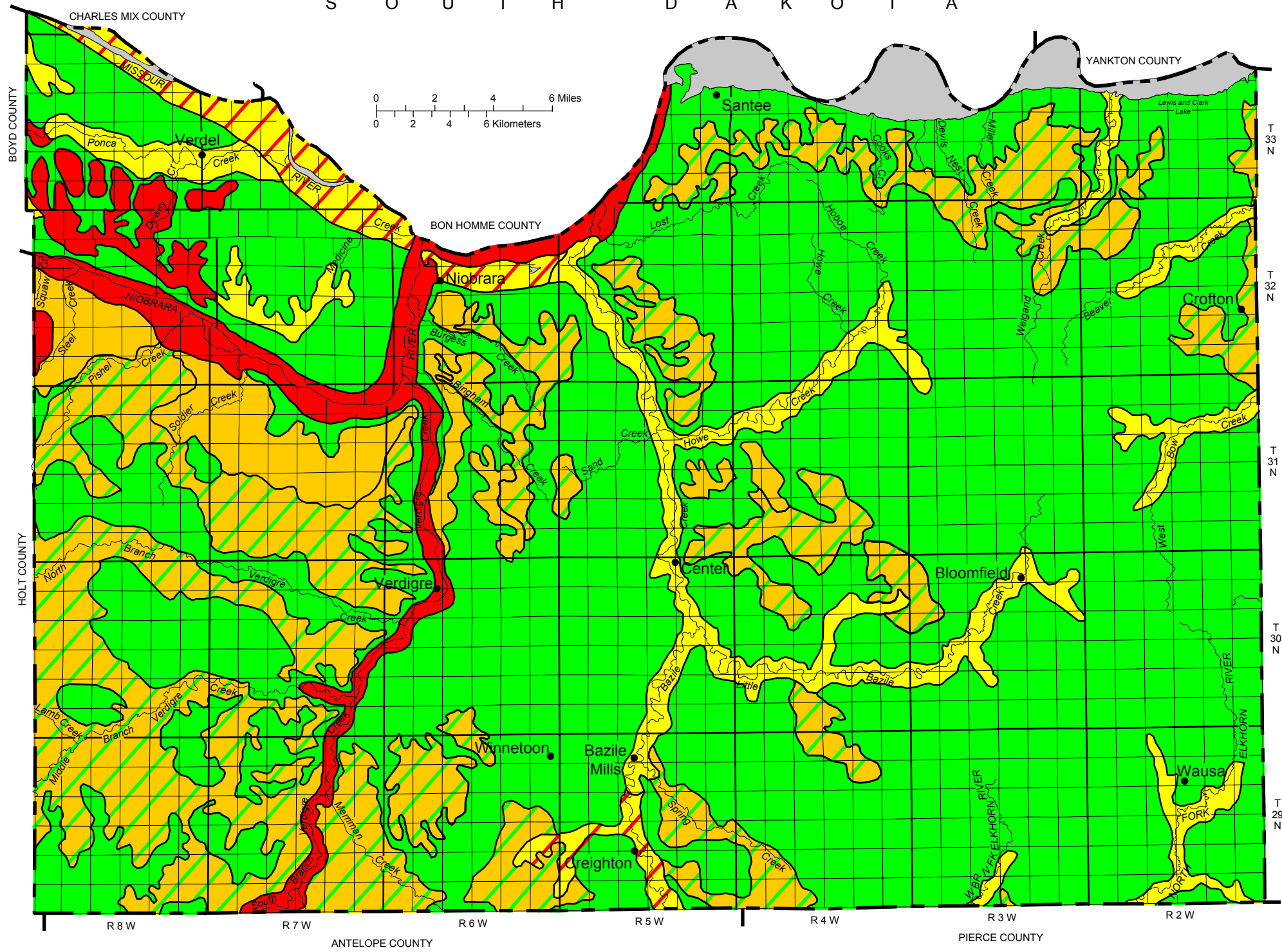








Pesticides and Groundwater

*An Applicator's Map and Guide
to Prevent Groundwater Contamination*

Knox County



-  **Sand, loamy sand and sandy loam soils with little organic matter and a water table less than 30 feet below the surface.**
These areas have a high vulnerability for groundwater contamination.
-  **Sand, loamy sand and sandy loam soils with little organic matter and a water table greater than 30 feet below the surface.**
These areas have a moderate vulnerability to groundwater contamination. Even though the water table is greater than 30 feet below the surface, the soils are porous and caution should be used.
-  **Sand, loamy sand and sandy loam soils with little organic matter and a water table generally greater than 30 feet below the surface.**
Much of this area has a moderate vulnerability to groundwater contamination because the soils are porous. Some parts have silty and loamy soils and slight vulnerability to groundwater contamination. Caution should be used in sandy areas.
-  **Silty and loamy soils with a water table less than 30 feet below the surface.**
These areas have a moderate vulnerability to groundwater contamination. Even though the soils restrict the downward movement of pesticides, the water table is less than 30 feet below the surface and caution should be used.
-  **Generally silty and loamy soils with a water table less than 30 feet below the surface.**
Much of this area has a moderate vulnerability to groundwater contamination because the water table is less than 30 feet below the surface. Some parts have sand, loamy sand or sandy loam soils with little organic matter and high vulnerability to groundwater contamination. Extreme caution should be used in sandy areas. Caution should be used throughout the entire area.
-  **Silty and loamy soils with a water table greater than 30 feet below the surface.**
These areas have a slight vulnerability to groundwater contamination.

Refer to the accompanying discussion and index of pesticides for guidance on pesticide use.

The vulnerability of groundwater contamination was determined using soil properties and depth to groundwater as indicated in general on pesticide labels. Areas on this map may have dissimilar soil and groundwater characteristics from those generally identified for that area. More detailed information can be obtained from:

Conservation and Survey Division
113 Nebraska Hall
Lincoln, NE 68588-0517
(402) 472-7537
(soil and groundwater data)

Knox County Extension Office
Box 45
Center, NE 68724-0045
(402) 288-4224
(proper pesticide use)

**Nebraska Department of Agriculture
Bureau of Plant Industry - Pesticide Program**
Box 94756
Lincoln, NE 68509-4756
(402) 471-2394
(pesticide labels and regulations)

Resources

Soil Survey of Knox County, Nebraska, 1930. USDA NRCS

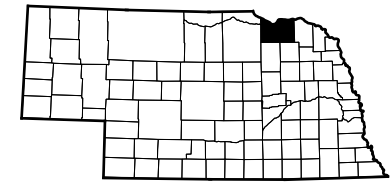
UNL.

1979, O'Neill Quadrangle, Division, UNL. GM-54.

1979, Sioux City Quadrangle, Division, UNL. GM-54.

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| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

Sectionalized Township



County Location Map