





Pesticides and Groundwater

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

Buffalo 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.
-  **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.
-  **Silty and loamy soils with a water table greater than 30 feet below the surface.**
These areas have a slight vulnerability to groundwater contamination.

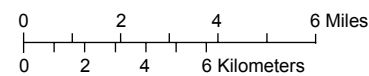
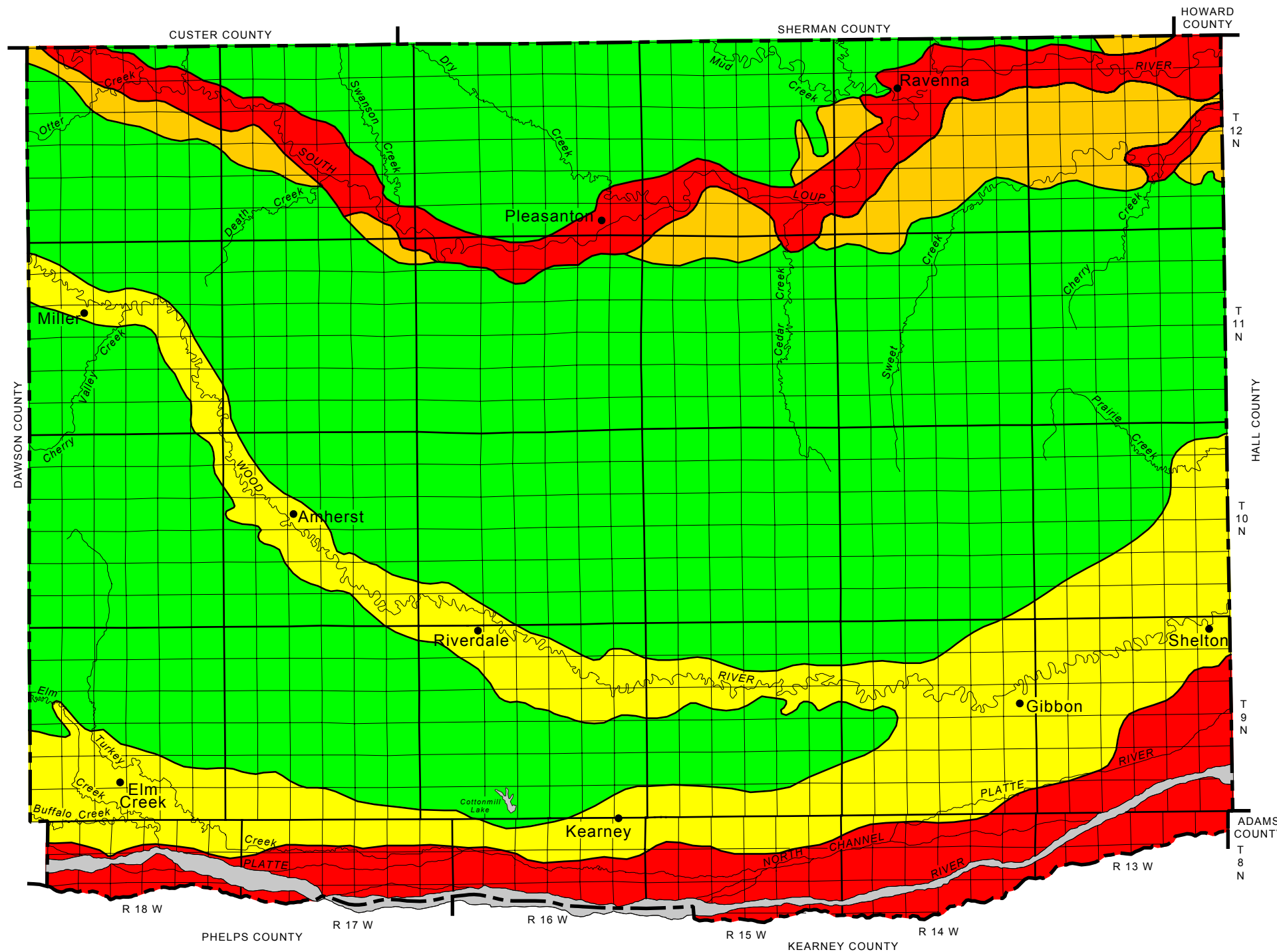
Refer to the accompanying discussion and index of pesticides for guidance on pesticide use.

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)

Buffalo County Extension Office
1400 E. 34th Street
Kearney, NE 68847
(308) 236-1235
(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)



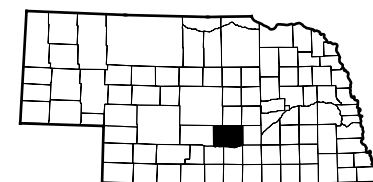
Resources

Soil Survey of Buffalo County, Nebraska, 1974. USDA NRCS and Conservation and Survey Division, UNL.

Configuration of the water table, Spring 1979, Broken Bow and Grand Island Quadrangles, Nebraska. Conservation and Survey Division, UNL. GM-54.

6	5	4	3	2	1
7	8	9	10	11	12
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