






Pesticides and Groundwater

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

Cheyenne 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.
-  **Generally silty and loamy soils with a water table greater than 30 feet below the surface.**
Much of this area has a slight vulnerability to groundwater contamination. Some parts have sand, loamy sand or sandy loam soils with little organic matter and moderate vulnerability to groundwater contamination. Caution should be used in sandy areas.

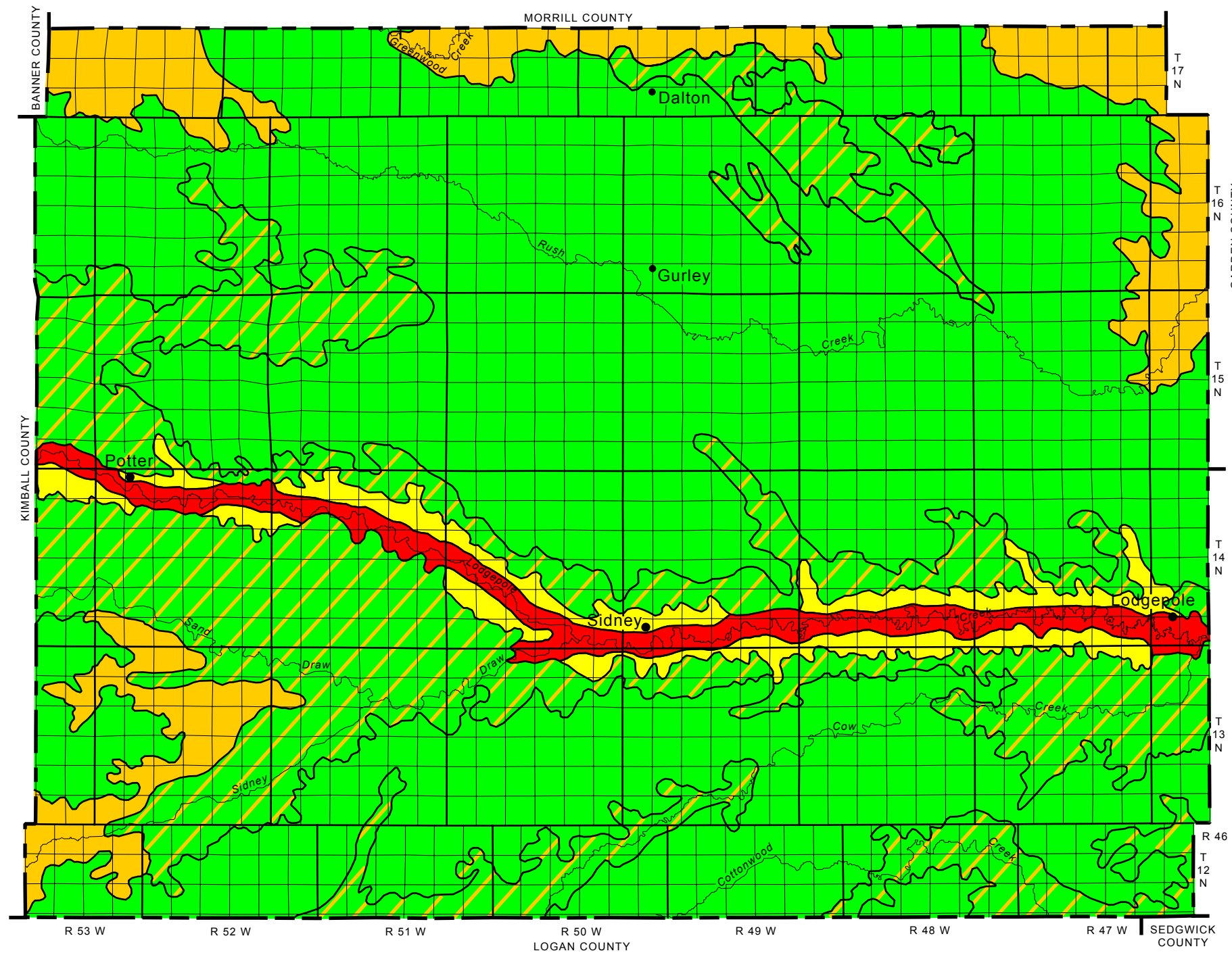
Refer to the accompanying discussion and index of pesticides for guidance on pesticide use.

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:

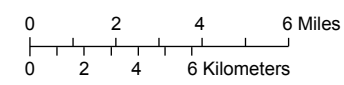
Conservation and Survey Division
113 Nebraska Hall
Lincoln, NE 68588-0517
(402) 472-7537
(soil and groundwater data)

Cheyenne County Extension Office
Box 356, 920 Jackson Street
Sidney, NE 69162-0356
(308) 254-4455
(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)



C O L O R A D O

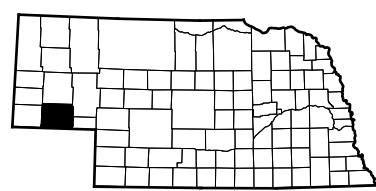


Resources

- Soil Survey of Cheyenne County, Nebraska, 1920. USDA NRCS and Conservation and Survey Division, UNL.
- Configuration of the water table, Fall 1971, Scottsbluff Quadrangle, Nebraska. Conservation and Survey Division, UNL. GM-54.
- Geology and groundwater resources of the lower Lodgepole Creek drainage basin, Nebraska. USGS Geological Survey Water-Supply Paper 1410.

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