

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.

surface.

the surface.

sandv areas.

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:

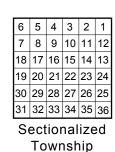
Conservation and Survey Division 113 Nebraska Hall Lincoln, NE 68588-0517 (402) 472-7537 (soil and groundwater data)

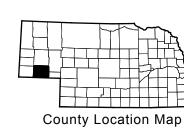
Resources

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.





Pesticides and Groundwater

An Applicator's Map and Guide to Prevent Groundwater Contamination

Cheyenne County

Silty and loamy soils with a water table less than 30 feet below the

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

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

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

Chevenne 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)