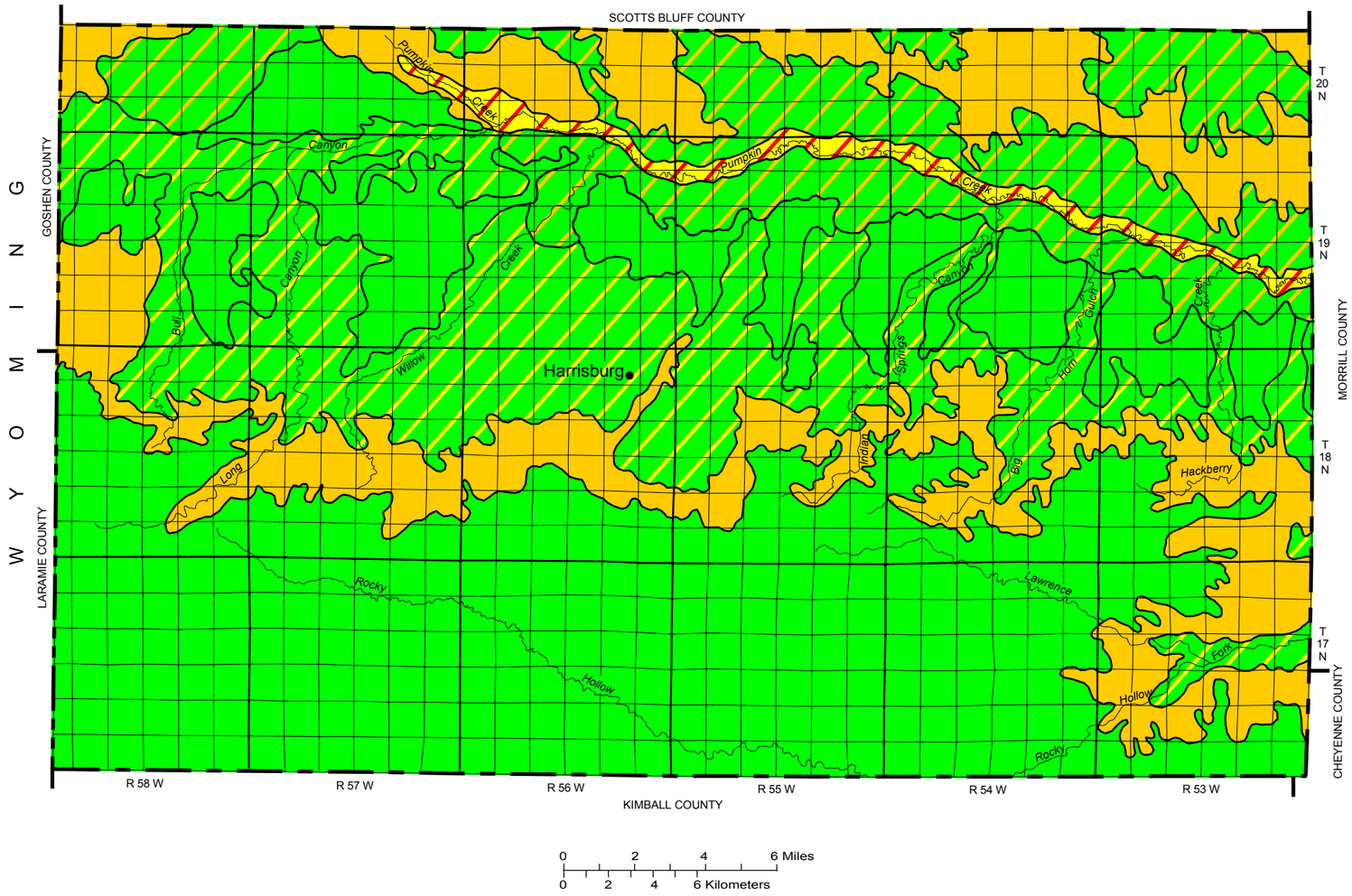
Pesticides and Groundwater

An Applicator's Map and Guide
to Prevent Groundwater Contamination



Banner County

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.

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.

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.

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 because the water table is greater than 30 feet below the surface. Some parts have a water table less than 30 feet below the surface amd moderate vulnerability to groundwater contamination. Caution should be used in areas where the water table is near the surface.

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)

Banner County Extension Office
114 E. Third
Kimball, NE 69145-1401
(308) 235-3122
(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)

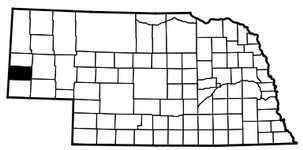
Resources

Soil Survey of Banner County, Nebraska, 1994. USDA NRCS and Conservation and Survey Division, UNL.

Configuration of the water table, Fall 1971, Scottsbluff Quadrangle, Nebraska and eastern part of Cheyenne Quadrangle, Wyoming and 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