



Isoxaflutole and Isoxaflutole Diketonitrile

If the level of isoxaflutole and DKN in your water is over **3 µg/L**, you should find a different source of water for drinking and preparing foods that take up a lot of water.*

What is isoxaflutole?

Isoxaflutole is a herbicide used to control weeds in field corn and soybeans.

- ▶ In the body and the environment, isoxaflutole quickly breaks down into isoxaflutole diketonitrile (DKN).
- ▶ People can be exposed to isoxaflutole and DKN through soil, food, and water.

Can isoxaflutole and DKN affect our health?

Studies in research animals have shown that isoxaflutole can cause health effects.

- ▶ No studies among people have examined the health effects of isoxaflutole or DKN.
- ▶ Studies in research animals have shown that exposure to high levels of isoxaflutole can cause liver, thyroid, eye, nerve, and muscle problems as well as tumor formation.

What can you do to protect your health?

Wisconsin has a recommended groundwater standard of 3 micrograms per liter (µg/L) for isoxaflutole and DKN.

If the combined level in your drinking water is above this recommendation, you should find a way to obtain safe water. Options include:

- ▶ Installing a certified treatment device.
- ▶ Drilling a new well.
- ▶ Connecting to a public water system or community well.

*Examples of foods that take up a lot of water include soup, rice, jello, and oatmeal.

Looking for more information?

- ▶ See the [factsheet](#) by the Wisconsin Department of Agriculture, Trade, and Consumer Protection (DATCP) for additional information on the use of isoxaflutole in Wisconsin.
- ▶ Visit the [DHS website](#) for more information on Wisconsin's groundwater standards.

