

LAWN AND HOUSEHOLD PESTICIDES AND YOUR HEALTH

Americans spend billions of dollars on lawn and household pesticides each year. Nearly all of these weed, insect, and fungus killers are suspected of causing health problems for you, your children, and your pets – as well as harming desirable birds, animals, and garden plants.

Here are some of the serious human health problems that have been linked to lawn and household pesticides, as reported in leading medical and other scientific journals:

- Non-Hodgkins Lymphoma A blood cancer whose incidence has more than doubled since 1950. The third most common childhood cancer. Linked to chlorinated phenoxy herbicides (common lawn weed killers) and indoor insecticides. *Annals of Oncology* 5(1): 519-524, 1994. Also, J. D. Buckley, et al., *Cancer* 89: 11, 2000.
- Congenital Defects Pregnant mothers exposed to home pesticides in the month before conception and during the first trimester of pregnancy. Especially pyrethroids, carbamates (both insecticides), and chlorinated herbicides (common lawn weed killers). E. M. Bell, et al., *Epidemiology* 12(2), 2001; also *Epidemiology* 10: 60, 1999.
- Neuroblastoma An increasingly common brain cancer, especially of infants and children. Using pesticides in and around the house increases the incidence of the disease by 60%. J. L. Daniels, et al., *Epidemiology* 12: 20-26, 2001.
- Leukemia (in children) A common blood cancer. Exposure to indoor and garden pesticides (insecticides and weed killers) increased the incidence of leukemia in children 6 1/2 times (650%). J. Peters, *Journal of the National Cancer Institute*, July 1987.

Many other reputable studies of humans and animals have linked indoor and lawn insecticides, and/or lawn weed killers, and/or lawn fungicides to the following conditions in adults and children: Parkinson's disease, fetal brain abnormalities, hyperactivity/attention deficit disorder, weakened immune system, prostate, colon, and lung cancers, male infertility, and a number of other conditions.

Pesticides applied to your lawn and in your home commonly release vapors for days and weeks, sometimes for months and years. Lawn pesticides are frequently tracked into the house. Harmful vapor concentrations are highest near the floor, where children play.

MOST OF THE CHEMICALS DESCRIBED IN THE ABOVE REPORTS ARE STILL ON THE MARKET.

YOU CAN FIND MORE INFORMATION ABOUT THE HAZARDS OF LAWN AND HOUSEHOLD PESTICIDES AT THE FOLLOWING WEB SITES:

www.beyondpesticides.org
research@chem-tox.com