

# UNSAFE IN ANY AMOUNT

Understanding the Risks of One of the  
World's Most Dangerous Herbicides



## A Problem 45 Years in the Making



**Glyphosate**, the systemic, broad-spectrum chemical compound found in **Roundup**, was first introduced as an herbicide in 1974. Roundup usage has become more and more prevalent over time, especially since the mid-2000s, when the practice of applying these types of herbicides to crops right before harvesting became popular. **Roundup** has also gained popularity with home gardeners looking to beautify their property.

**Roundup's** primary ingredient Glyphosate increases the risk of non-Hodgkin Lymphoma by more than **40 percent**, according to new research.

## How You Can Be Exposed



**Glyphosate  
in Eyes**



**Plant Contact/  
Skin Contact**



**Inhalation**



**Ingestion of  
Particles**

## Who is at Risk?



**Commercial  
Users**

Commercial-grade Roundup contains nearly 75% glyphosate. The odds of developing non-Hodgkin Lymphoma after long-term, extended use of Roundup are approximately 1 in 35. Even protective clothing does not eliminate risk.



**Residential  
Users**

While Roundup formulations for residential use contain less glyphosate than their commercial counterparts, use of these products is still dangerous. Studies have shown that even minimal exposure can double your risk of developing non-Hodgkin Lymphoma.

## Safer Alternatives



### NATURAL WEED KILLERS

Formulated with citrus oils, these kill weeds by dehydrating the plants.



### VINEGAR MIXTURES

Although not as strong, vinegar can be used as an alternative to combat weeds around the yard.



### OTHER HERBICIDES

There are other effective herbicides out there that do not contain glyphosate.