

Glyphosate

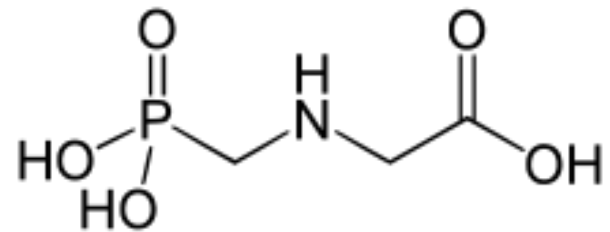
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Glyphosate

- Broad-spectrum, systemic herbicide
- Not volatile
- No odor
- Non-staining
- No soil carry over
- Inexpensive
- Highly effective

How does it work?

- Amino acid inhibitor (aromatic)
- Organophosphorus compound (phosphonate)



International Agency for Research on Cancer (IARC)

- March 2015 “probably carcinogenic” (Group 2A)
- Hazard assessment vs. Risk assessment
- Other Countries conduct re-review and disagree with IARC
- Other POSSIBLE carcinogens (Group 2A)
 - Red meat consumption, high temp beverages
- Other known KNOWN carcinogens: (Group 1)
 - Alcohol, Tobacco, Asbestos.....

Moving forward

UF/IFAS is committed to safety and supports integrated pest management as the first line of defense against weeds and other pests, including the use of glyphosate and other pesticides. We are monitoring developments in recent litigation to ensure that the University of Florida is in compliance with applicable laws and regulations.

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Talking Points Glyphosate

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Environmental Protection Agency Findings

On Dec. 12, 2017 the U.S. Environmental Protection Agency issued draft risk assessments concerning the potential effects of glyphosate on human health and the environment. These assessments were published by EPA, which noted in a Dec. 18, 2017 news release that the draft human health risk assessment "concludes that glyphosate is most likely to be carcinogenic to humans."
(<https://www.epa.gov/pesticides/epa-releases-draft-risk-assessments-glyphosate>)

According to the Dec. 18 news release, EPA is scheduled to publish its proposed interim registration review decision for glyphosate in 2019. The proposed decision will outline any proposed measures to reduce the risk of glyphosate use, if

or any pesticide, should carefully read and follow all label directions. The label will provide guidance regarding the clothing and/or personal protective equipment that should be worn to reduce exposure and, thus, reduce the overall risk associated with use of the product. The ultimate decision to select a particular herbicide for a particular purpose rests with the individual user (agricultural producers, homeowners, landscapers, etc.) as do all management decisions.

Importance of training

UF/IFAS Extension provides opportunities for pesticide applicators to receive certification training on the safe and proper use of pesticides, including glyphosate. Many of these applicators are not required to receive training but do so voluntarily. Many of these applicators will pursue taking and passing the required certification exams to pursue a license issued by FDACS.

There were 1,224 new licenses issued by FDACS during the past year. There were 1,528 license renewals issued by FDACS during the past year. These applicators are required to pursue continuing education to earn their renewal.

UF/IFAS Extension provides educational opportunities for

Glyphosate: Understanding the Controversy



Dr. Jay Ferrell,
Professor and Director
of the Pesticide
Information Office.

<https://www.youtube.com/watch?v=4EAQLNV48vQ&feature=youtu.be>