

## HARM TO POLLINATORS

Glyphosate has been linked to the decline of pollinators like bees and butterflies. Pollinators are essential for plant reproduction; their decline affects plants' ability to produce fruits, seeds, and other essential components of the food chain.

## DEPLETION OF NUTRIENTS

Glyphosate can deplete essential nutrients in the soil, affecting the plants at the base of the food chain. Weakened plants lead to malnourished herbivores.

## DISRUPTION OF AQUATIC ECOSYSTEMS

Glyphosate runoff contaminates water bodies, harming aquatic plants and animals. This disruption affects the entire aquatic food chain, threatening fish populations and organisms dependent on them, including humans.

## IMPACT ON ANIMAL HEALTH:

Studies have shown that animals exposed to glyphosate experience adverse health effects, including reproductive problems and organ damage. These health issues disrupt the natural balance of various ecosystems.

## DAMAGE TO TERRESTRIAL ECOSYSTEMS

Glyphosate disrupts terrestrial ecosystems, harming plants crucial for herbivores. This imbalance affects carnivores that rely on herbivores for sustenance.

## MICROORGANISM DECLINE

Glyphosate disrupts soil microorganisms, essential for breaking down organic matter. Without these microorganisms, critters like earthworms that depend on decaying plant material for food, suffer. This disruption impacts the entire ecosystem.

## CANCER CONCERNS

The International Agency for Research on Cancer (IARC), a part of the World Health Organization (WHO), classified glyphosate as a "probable human carcinogen" in 2015.

Several studies have associated glyphosate exposure with an increased risk of cancer, including non-Hodgkin lymphoma.

Moreover, studies, including those published in reputable journals like Environmental Sciences Europe, have reported a significant increase in cancer incidence among individuals exposed to glyphosate, particularly agricultural workers and farmers.

Despite the evidence, throughout 9,000 law suits the company has repeatedly denied these claims.



@50shadesofgreen\_mx

# GLYPHOSATE: THE MENACE WITHIN OUR FIELDS

**PROTECT YOUR STAFF, STUDENTS AND ENVIRONMENT FROM HARMFUL HERBICIDES. TAKE ACTION TODAY.**

**Dear Mr. McKee,**

My name is Sara De la Riva, I am a student in year 12, and I am part of the Global Issues Network club at school. Myself and two other students (Sao Mai Jessop and Sienna Stevens) would like to propose a new initiative that would make the school grounds a more sustainable and safe environment.

As alumni of Greengates we believe that the grounds are an an integral part of our identity as a school community. This certification goes beyond just how our campus appears, and delves into how we are taking care of the very ground our campus sits on. With an emphasis on improving soil health and climate resilience, reducing water needs and increasing carbon sequestration, becoming Green Grounds Certified will help Greengates get recognition for not only how beautiful it is, but how wonderfully it is managed.

The “Re:wild your Campus” Green Grounds Certification establishes a new standard of land care that prioritizes human and environmental health. Through the elimination of synthetic pesticides and implementation of organic practices we will be reducing the threats posed by synthetic inputs, and improving our campus ecosystems. This is a really exciting way to improve campus sustainability efforts and make the campus more attractive to potential students and donors. You can learn more about how we can make our campus healthier, safer, and greener here: <https://www.rewildyourcampus.org/green-grounds-certification>, and through this poster we made ourselves about the effects of glyphosate.

If you would like to discuss the possibilities of this project we would gladly set up a meeting with you or anyone else that may be able to help support this endeavor.

**Kind regards,**

**Sara De la Riva.**

## Green Grounds Certification and sustainability at Greengates



You  
To Daniel McKee

22:10



PHOTO-2023-10-14-21-24-33  
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As alumni of Greengates we believe that the grounds are an an integral part of our identity as a school community. This is why we believe Greengates should be Green Ground certified. This certification goes beyond just how our campus appears, and delves into how we are taking



Reply to All



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50shadesofgreen\_mx Day 14: BIODIVERSITY (greenest challenge)

Learn about glyphosate--an extremely harmful herbicide to both our communities and our environment. We've contacted our school to mitigate these risks--you should too!

[@turninggreenorg](#) [@rewildyourcampus](#) #pgc2023

39 s Ver traducción



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HACE 42 SEGUNDOS



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