

# Glyphosate Found in 19 of 20 Beers and Wines Tested

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<u>Glyphosate</u>—the active ingredient in <u>Monsanto</u>'s <u>Roundup</u> weedkiller that some studies have linked to <u>cancer</u>—is also a secret ingredient in nearly 20 popular beers and wines.

That's the finding of a <u>new study</u> from the education group <u>U.S. PIRG</u>, which found glyphosate in 19 of 20 wine and beer brands tested, including organic labels and brews.

BREAKING: Glyphosate, a key ingredient in <u>#Roundup</u>, has been found in wine and beer...even in organic brands. <u>#BanRoundup</u> <u>https://t.co/PApgrpNFuV</u>

— U.S. PIRG (@uspirg) February 25, 2019

The release of the study coincides with the beginning of the first federal trial against Monsanto and its new parent company <u>Bayer</u> over whether Roundup use caused a plaintiff's cancer, <u>USA Today reported Monday</u>.

"With a federal court looking at the connection between Roundup and cancer today, we believe this is the perfect time to shine a spotlight on glyphosate," study author and U.S. PIRG Toxic's Director **Kara Cook-Schultz** told USA Today. "This chemical could prove a true risk to so many Americans' health, and they should know that it is everywhere – including in many of their favorite drinks."

The drink with the highest glyphosate concentration was Sutter Home Merlot, at 51.4 parts per billion (ppb). Popular beer brands like Coors Light, Miller Lite and Budweiser all had concentrations above 25 ppb. The full results of the study, from highest to lowest glyphosate concentration in ppb, are listed below.

#### Wines

- 1. Sutter Home Merlot: 51.4 ppb
- 2. Beringer Founders Estates Moscato: 42.6 ppb
- 3. Barefoot Cabernet Sauvignon: 36.3 ppb
- 4. Inkarri Malbec, Certified Organic: 5.3 ppb
- 5. Frey Organic Natural White: 4.8 ppb

#### **Beers**

Tsingtao Beer: 49.7 ppb
 Coors Light: 31.1 ppb
 Miller Lite: 29.8 ppb
 Budweiser: 27.0 ppb
 Corona Extra: 25.1 ppb
 Heineken: 20.9 ppb

7. Guinness Draught: 20.3 ppb

8. Stella Artois: 18.7 ppb

9. Ace Perry Hard Cider: 14.5 ppb10. Sierra Nevada Pale Ale: 11.8 ppb

11. New Belgium Fat Tire Amber Ale: 11.2 ppb12. Sam Adams New England IPA: 11.0 ppb

13. Stella Artois Cidre: 9.1 ppb

14. Samuel Smith's Organic Lager: 5.7 ppb

The only beverage tested that contained no glyphosate was Peak Beer Organic IPA.

The amounts found were far below the safety limits for glyphosate set by the U.S. Environmental Protection Agency (<u>EPA</u>), as Bayer toxicologist **William Reeves** told <u>CBS</u> <u>News</u> via a spokesperson.

"The U.S. Environmental Protection Agency sets daily exposure limits at least 100 times below levels shown to have no negative effect in safety studies," Reeves said. "Assuming the greatest value reported, 51.4 ppb, is correct, a 125-pound adult would have to consume 308 gallons of wine per day, every day for life to reach the US Environmental Protection Agency's glyphosate exposure limit for humans. To put 308 gallons into context, that would be more than a bottle of wine every minute, for life, without sleeping."

However, the study noted that chemicals aren't necessarily safe just because regulatory bodies say they are.

"While these levels of glyphosate are below EPA risk tolerances for beverages, it is possible that even low levels of glyphosate can be problematic. For example, in one study, scientists found that 1 part per trillion of glyphosate has the potential to stimulate the growth of breast cancer cells and disrupt the endocrine system," the study said.

The EPA has found that glyphosate is not carcinogenic to humans, but the World Health Organization's <u>International Agency for Research on Cancer</u> ruled it was a probable human carcinogen in 2015. More recently, a <u>study released</u> February found that those exposed to glyphosate were 41 percent more likely to develop non-Hodgkin lymphoma.

In the first case to go to trial against Monsanto over Roundup last year, a <u>jury ruled</u> that exposure to glyphosate had caused the non-Hodgkin lymphoma of California groundskeeper Dewayne Johnson. Plaintiff Edwin Hardeman is making a similar claim in the first federal glyphosate trial that started Monday.

"Due to glyphosate's many health risks and its ubiquitous nature in our food, water and alcohol, the use of glyphosate in the U.S. should be banned unless

and until it can be proven safe," the U.S. PIRG study advised.

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