

Mary Throckmorton
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Dear Committee members.

Please vote to ban aerial application of Glyphosate.

Glyphosate application puts our groundwater at risk of contamination. Thirty years ago I paid hundreds of dollars to the State lab for a pesticide screen on well water from my 420 foot deep drilled well in Knox county.

It came back positive for Glyphosate.

The half life of Glyphosate is 30 days in sunlight, meaning it takes 30 days for half of the amount applied to break down. However, it is highly water soluble, and rain will cause Glyphosate to migrate with the water, and once in the ground it lasts a long time.

Additionally, the monocultures created by aerial spraying are bad for the environment, limiting biodiversity and habitat and making the applied area vulnerable to disease and insect damage.

There are places along my road that were sprayed years ago that are still having an impact on regrowth. I think once Glyphosate enters clay based soils away from sunlight it has long lasting impact on the surface environment. If it migrates through ledge or sand it can and will contaminate ground water supplies.