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Submitter Information

General Comment

I am asking that you please ban glyphosate. As you know, the World Health Organization, lead by a team of international experts, recently deemed glyphosate a probable carcinogen. It has been misleadingly stated that glyphosate can be digested in humans but won't accumulate. This is patently false. In the words of Thierry Vrain, former genetic engineer with the Canadian Government, "A German study suggests that glyphosate accumulates in all organs (liver, kidneys, intestines, heart, lungs, bones, and so on) of animals and people eating food products made from Roundup Ready crops. In addition, it was assumed at the time of its registration that it couldn't affect animals because the Shikimate Pathway (where it impairs protein synthesis) is present in plants and bacteria but not in animals. However, the past 10 years have brought enormous progress in our understanding of the pre-eminent role of the microbiome in animal physiology. In humans, it turns out that the 100 trillion bacterial cells that live in our intestines and that do contain the Shikimate Pathway play an absolutely essential role in the health of most of our organs." Glyphosate is also a patented antibiotic causing wholesale destruction of the human micro biome. "A large number of published scientific studies mostly done outside the United States show that as little as 1 ppm of glyphosate will kill almost all bacteria particularly beneficial bacteria in the gut of animals; that endocrine disruption starts at 0.5 ppm; and that even just a few ppm can cause oxidative stress, chronic inflammation, DNA damage, and many other disruptions in mammalian organ cells and tissues." A group of scientists from the University of Caen in France found that human placental cells are very sensitive to the herbicide at concentrations lower than the agricultural use, and that it disrupts human sex hormones. The scientists concluded that the herbicide could "induce reproduction problems" in humans. In lab tests, glyphosate and herbicides containing glyphosate caused genetic damage to human and animal cells.
Studies of farmers and other people exposed to glyphosate herbicides link this exposure to increased risks of cancer, miscarriages and attention deficit disorder. Additional laboratory tests have confirmed the results of these studies.
Laboratory evidence indicates that glyphosate herbicides can reduce production of sex hormones.
Application of glyphosate herbicides increases the severity of a variety of plant diseases.
Studies of glyphosate contamination of water are limited, but new results indicate that it can easily contaminate streams in both agricultural and urban areas.
Glyphosate herbicides cause more off-target damage incidents than all but one other herbicide 2, 4-D.

Please, I am begging you as the mother of three boys, all of whom have food allergies, one of which is life threatening and was virtually unheard of three years ago, to stop this madness. Please bring the P back to the EPA and ban glyphosate. Glyphosate on our food, in our water, our breastmilk and our soil is unacceptable. Please put the American people's health before greed.