From:	Pam Gentry
To:	Barajas-Ochoa, Esther@OEHHA
Subject:	California Glyphosate Standards
Date:	Monday, June 05, 2017 11:22:36 AM
Attachments:	GMO-Myths-and-Truths-edition2-1.pdf Seralini Study.pdf

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Dear Ms. Barajas:

Please present and consider the information below when determining the minimum level of glyphosate which will be acceptable in food and water to keep Californians safe:

Monsanto has known for 17 years that glyphosate, the main ingredient in its pesticide Roundup, could cause cancer. T**hey launched a massive cover-up,** dubbed the "Monsanto papers," showing they have been manipulating research, colluding with a senior government official at the US EPA, and providing pro-Ag articles to government agencies -- all to refute the fact that glyphosate is a carcinogen.

-Glyphosate is the most pervasive, widely applied herbicide in California, the United States and globally. It has been found in 85% of U.S. food and over 90% of U.S. surface waters.

-Glyphosate bio-accumulates in our bodies, so no matter how small an amount is set by OEHHA, that amount is certain to increase in our brains, tissues, and bodily fluids, as we eat more food and drink water that contain glyphosate.

-A single oatmeal cookie from the CA State Capitol Building's Café, tested in 2016 for glyphosate, contained **311 micrograms (ppb=microgram).** In a study of lab rats fed water containing only **0.1 microgram of glyphosate, the rats developed cancerous tumors**. The **1,100 micrograms that OEHHA is proposing is far too high and can be easily consumed daily by the average American, as glyphosate has been found in 85% of US food**.

-U.S. Department of Agriculture (USDA) planned in 2016, to begin testing food for residues of glyphosate. As of April 1, 2017, this agency (under President Trump) quietly canceled the plan.

-Cheerios has been measured with glyphosate levels **as high as 1,125.3 micrograms**. Similarly high glyphosate levels have been found in Oreos, Doritos, and Ritz Crackers, among 29 foods tested in 2016.

-The average level of glyphosate found in the U.S. population is 3.3 parts per billion (ppb) is **sixteen and a half times higher** than the average of 0.2 ppb found in Europeans (where crops engineered to withstand spraying of glyphosate-containing chemicals have been either banned or labeled since 1999). UCSF-UC-Berkeley Joint Medical Program, Berkeley, CA scientific poster presentation, April 2016 , BUND, June 2013, Determination of Glyphosate residues in human urine samples from 18 European countries (PDF)

-Organic Consumers Association tests found glyphosate in the urine of 93% of Americans tested. The Detox Project, May 25, 2016

-The USGS tests for glyphosate have found it in nearly all rivers, lakes and streams in California.

- Allowable glyphosate levels: **European Union (EU) — 0.3 milligrams per kilo per day** (mg/kg/day) compared to **1.75 mg/kg/day for U.S.** (Benbrook 2016).

-The **U.S. allows 700 micrograms** of glyphosate in drinking water. **EU allows only 0.05 micrograms.**

-As of 2014: over 1,382,000 people diagnosed with cancer in California and about 60,000 Californians die from cancer each year.

- Mom's Across America (watch this video) to view the effect of glyphosate on children.

-In a study, **at 0.0001 micrograms glyphosate exposures**, the growth of breast cancer cells was discovered.

-Studies show a 50% increase of non-Hodgkin's Lymphoma.

-*"Because it bio-accumulates, there is no safe level of exposure to Glyphosate herbicides."*
–Prof. Dr. Giles-Eric Seralini

A March 20, 2015 finding by the IARC of the WHO (World Health Organization) confirms that glyphosate is a probable carcinogen to humans. See: http://www.iarc.fr/en/media-centre/iarcnews/pdf/MonographVolume112.pdf

Attached to this email are pdfs of the landmark publication called GMOs: Myths and Truths which was updated in 2016, as well as a pdf of the groundbreaking research by Dr. Giles Seralini demonstrating the extremely negative health outcomes associated with feeding rats food and water containing glyphosate over their lifetimes.

I implore this committee to seriously research the averse health effects of glyphosate and to utilize the "Precautionary Principle" which states that when substances show negative health effects, even if results are not yet definitive, it is prudent to err on the side of caution in limiting exposure to these substances.

Sincerely,

Pamela Gentry, MA
Sebastopol, CA