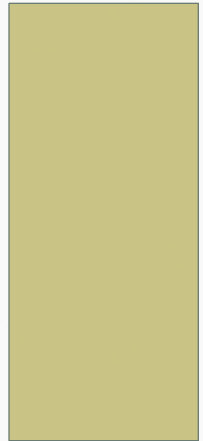




ENVIRONMENTAL JUSTICE STRUGGLE AGAINST PESTICIDE HARM

CALIFORNIANS FOR PESTICIDE REFORM
PRESENTATION TO ECOFARM JANUARY 25, 2019



PRESENTER

- **Californians for Pesticide Reform** is a 23 year-old statewide network of 200 social justice organizations fighting to reduce pesticide harms and move to a regenerative and sustainable agricultural system
- **Sarait Martinez**
 - Community Organizer and Media Coordinator
 - 831-512-3316
 - sarait@pesticidereform.org

ENVIRONMENTAL JUSTICE: STRUGGLE AGAINST PESTICIDE HARM



CESAR CHAVEZ'S LAST FAST WAS ABOUT

...



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Pesticide Reform

REDUCING PESTICIDES!

“In the old days, miners would carry birds with them to warn against poison gas. Hopefully, the birds would die before the miners.

Farm workers are society's canaries.

**Farm workers--and their children--
demonstrate the effects of pesticide
poisoning before anyone else.”**

–Cesar Chavez, 1989



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DANGER

PELIGRO

**DO NOT
ENTER**

**NO
ENTRAR**

**(EXCEPT FOR ACTIVITY
NOT REQUIRING CONTACT
WITH FOLIAGE.)**



**(EXCEPTO PARA
ACTIVIDADES NO
REQUERIENDO
CONTACTO CON FOLLAGE)**

S.S. INC.

HALL ELEMENTARY. 7:30 A.M.



PESTICIDE USE NEAR SCHOOLS

The California Department of Public Health found that pesticide use near schools was extremely high—more than 500,000 public school children attended schools within ¼-mile of agricultural pesticide use.

Many of the chemicals applied near schools are of public health concern, including carcinogens, cholinesterase inhibitors, endocrine disruptors, and toxic air contaminants.

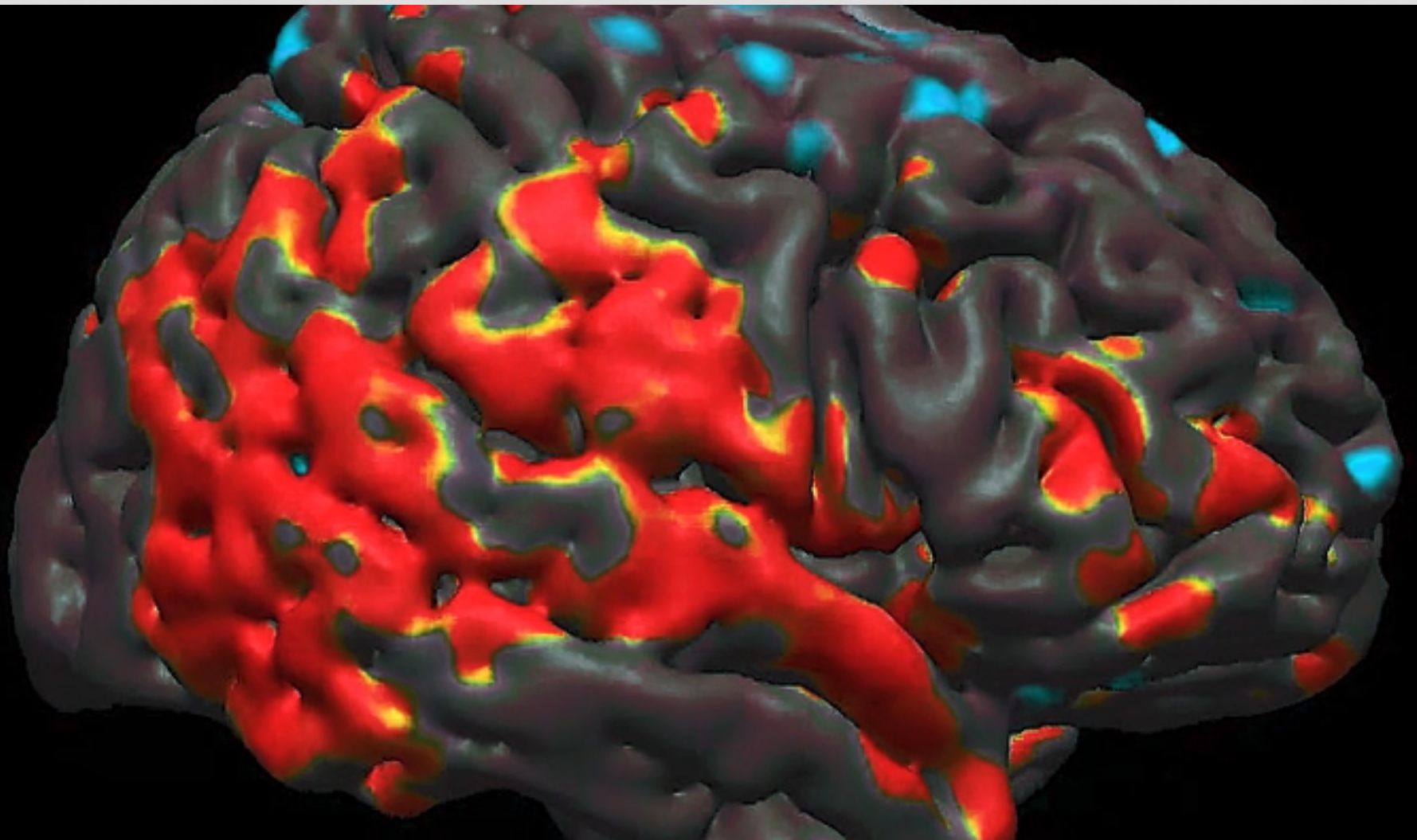
NEW RULES FOR PESTICIDES USE NEAR SCHOOLS

Within $\frac{1}{4}$ mile of schools, from 6 AM to 6 PM Monday through Friday, drift-prone pesticide applications will not be allowed.

Additionally, each year schools will receive a notice with a list of all the pesticides that growers within $\frac{1}{4}$ mile intend to apply for the next year.



THIS IS YOUR BRAIN ON CHLORPYRIFOS



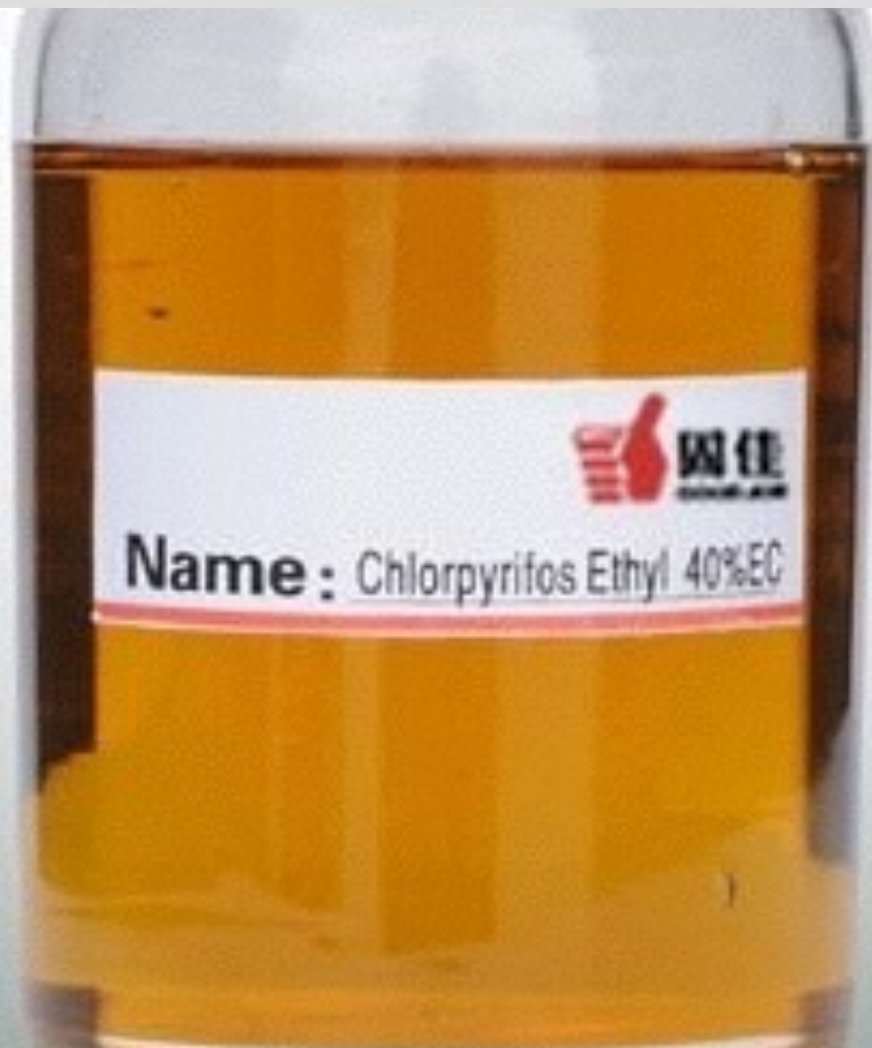
CHLORPYRIFOS (KLOAR-PEER-UH-FAHS)

- Invented by Nazis as nerve gas
- Made by Dow Chemical as organophosphate pesticide
- Cheap and works on killing bugs
- 5-10 million pounds used annually in US; about 1 million pounds in California



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CHLORPYRIFOS DRIFTS FOR MILES AND WEEKS AFTER APPLICATION



THE RESEARCH



- +Columbia University, UC Davis, and UC Berkeley (CHAMACOS) have done main studies
- +Prenatal exposure to tiny amounts of chlorpyrifos over time is linked to higher incidences of
 - nerve damage
 - ADHD
 - IQ loss
 - Autism
 - lung damage

POLICIES OF ENVIRONMENTAL RACISM

- From 1965 to 2000: no restrictions on chlorpyrifos
- 2000-2006: US EPA & CalEPA phased out chlorpyrifos use indoors and in residential areas but NOT for agricultural use
- 2014: US EPA, under court pressure, agrees to reexamine chlorpyrifos use in the fields
- 2016: CalEPA makes chlorpyrifos “restricted”
- November 2016: US EPA scientists found no safe uses under current conditions and recommended a nationwide chlorpyrifos ban

TRUMPED



March 2017:
President Trump's
new US EPA director
rejected his own
scientists. **No
chlorpyrifos ban.**
More studies until
2022.

WILL CALIFORNIA PROTECT US FROM CHLORPYRIFOS?



- After public outcry, Attorney General Becerra joined lawsuit against Pruitt to ban
- California Senators endorsed bill to ban
- OEHHA designated it a reproductive toxin
- Hawaii banned it!
- Federal Appeals Court ordered it banned in US last August, but Trump Administration appealed

CALIFORNIA CHLORPYRIFOS BAN? NOT YET ...

- So far, California's Department of Pesticide Regulation has acted like Trump Admin.
- Ignored US EPA science and recommendations and Court Order
- Started years-long process of further study
- "Interim mitigations": buffer zones 1/4-mile, no planes



PLEASE SIGN THE POSTCARDS!

Suspend Use of Harmful Agricultural Pesticides

Dear California EPA
Secretary Blumenfeld:

With the absence of leadership at the federal level, we expect the state of California to do what the nation is not willing to do—create an action plan to reduce and suspend use of harmful agricultural chemicals. In particular, California EPA must encourage the California Department of Pesticide Regulation to suspend use of all organophosphates and neonicotinoids. We also ask the agency to encourage DPR to do meaningful work on reducing and then suspending the use of the herbicide glyphosate. **There can be no further delay in action.**

Regulatory capture by industry has resulted in our environment being contaminated by vast quantities of agricultural chemicals. In fact, glyphosate is used by our own state Department of Transportation. Secretary Blumenfeld, you can work to remedy this environmental and regulatory crisis that has been

Call to Accelerate Prohibition of Chlorpyrifos

Dear Governor Newsom:

I am urging you to take action today to protect California's children, families, farmers and farmworkers from the dangerous pesticide chlorpyrifos.

California's Department of Pesticide Regulation has officially acknowledged the **chemical's developmental neurotoxicity**, and determined that it should be identified as a Toxic Air Contaminant.

In early August 2018, the 9th Circuit Court of Appeals ruled the **EPA broke the law by**



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