

Pesticide caused kids' brain damage, California lawsuits say

July 13 2021, by Don Thompson



In this May 13, 2004, file photo, a foreman watches workers pick fruit in an orchard in Arvin, Calif. On Monday, July 12, 2021 lawsuits were filed in four California counties seeking potential class-action damages from Dow Chemical and its successor company over a widely used bug killer containing Chlorpyrifos that has been linked to brain damage in children. Chlorpyrifos is approved for use on more than 80 food crops, including oranges, berries, grapes, soybeans almonds and walnuts, though California banned the sales of the pesticide last

year and ended spraying this year. Credit: AP Photo/Damian Dovarganes, File

Lawsuits filed Monday in California seek potential class-action damages from Dow Chemical and its successor company over a widely used bug killer linked to brain damage in children.

Chlorpyrifos is approved for use on more than 80 crops, including oranges, berries, grapes, soybeans, almonds and walnuts, though California banned sales of the pesticide last year and spraying of it this year. Some other states, including New York, have moved to ban it.

Stuart Calwell, lead attorney in the lawsuits, argued that its effects linger in Central Valley [agricultural communities](#) contaminated by chlorpyrifos during decades of use, with measurable levels still found in his clients' homes.

Lawyers project that at least 100,000 homes in the nation's largest agricultural state may need to dispose of most of their belongings because they are contaminated with the pesticide.

"We have found it in the houses, we have found it in carpet, in upholstered furniture, we found it in a teddy bear, and we found it on the walls and surfaces," Calwell said. "Then a little child picks up a teddy bear and holds on to it."

All that needs to be cleaned up, he says, because "it's not going away on its own."

State records show 61 million pounds of the pesticide were applied from 1974 through 2017 in four counties where the lawsuits were filed, Calwell said.



In this Friday June 21, 2019 file photo, the sun peaks past almonds growing on the branches of an almond tree in Modesto, Calif. On Monday, July 12, 2021 lawsuits were filed in four California counties seeking potential class-action damages from Dow Chemical and its successor company over a widely used bug killer containing Chlorpyrifos that has been linked to brain damage in children. Chlorpyrifos is approved for use on more than 80 food crops, including oranges, berries, grapes, soybeans almonds and walnuts, though California banned the sales of the pesticide last year and ended spraying this year. Credit: AP Photo/Rich Pedroncelli, File

Officials with Dow and its affiliated Corteva Inc. did not immediately respond to telephone and email requests seeking comment.

Corteva stopped producing the pesticide last year. The Delaware-based company was created after a merger of Dow Chemical and Dupont and had been the world's largest manufacturer of chlorpyrifos. The company has said it believes the product is safe and said it stopped production because of declining sales.

Scientific studies have shown that chlorpyrifos damages the brains of fetuses and children. It was first used in 1965 but was banned for household use in 2001.

The U.S. Environmental Protection Agency is weighing whether to ban the product or declare it safe, including for infants and children. The 9th U.S. Circuit Court of Appeals in April ordered the EPA to make a decision after studying the product for more than a decade. The Trump administration had halted the rule-making process.

The lawsuits were filed on behalf of people in Fresno, Kings, Madera and Tulare counties, though Calwell said they are a precursor to seeking class-action status. Aside from Dow-related companies, they name various farming companies they say applied the chemical near the plaintiffs' homes.

In each case, the plaintiffs are parents suing on behalf of children who suffer from severe neurological injuries that the lawsuits blame on their exposure to the chemical while they were in the womb or when they were very young.



In this Friday, Aug. 29, 2014 file photo, Pinot Noir grapes just picked are shown in a bin in Napa, Calif. On Monday, July 12, 2021 lawsuits were filed in four California counties seeking potential class-action damages from Dow Chemical and its successor company over a widely used bug killer containing Chlorpyrifos that has been linked to brain damage in children. Chlorpyrifos is approved for use on more than 80 food crops, including oranges, berries, grapes, soybeans almonds and walnuts, though California banned the sales of the pesticide last year and ended spraying this year. Credit: AP Photo/Eric Risberg, File

Aside from nearby spraying, the lawsuits say the parent, relatives or others in frequent contact with the child worked in the fields or packing plants and became contaminated with the chemical that they passed on to the child.

Calwell filed related lawsuits last fall on behalf of farmworkers who his firm said "spent years marinating in the pesticide."

The first of those related lawsuits blames chlorpyrifos for causing autism, cognitive and intellectual disabilities in a now-teenager born in 2003.

The teen's father worked spraying pesticides on farm fields and his mother packed what the [lawsuit](#) says was chlorpyrifos-covered produce in a facility surrounded by fields treated with the pesticide, [often applied by aerial spraying](#).

Calwell similarly sued Monsanto for damages he alleged it caused to homes in Nitro, West Virginia, with its use of dioxin to make the defoliant known during the Vietnam War era as Agent Orange.

That case settled for \$93 million, with Monsanto paying to decontaminate 4,500 homes, a fraction of those that he alleges in California will require more extensive decontamination followed by medical monitoring.

© 2021 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: Pesticide caused kids' brain damage, California lawsuits say (2021, July 13) retrieved 10 May 2024 from <https://phys.org/news/2021-07-pesticide-kids-brain-california-lawsuits.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--