

Are You AWARE?

People are being sprayed for the light brown apple moth (LBAM).

AERIAL SPRAYING: We will be *sprayed from planes* up to 9 times per year for 3-10 years. Spraying will be from 8pm to early AM, 2-6 nights each time. We are to stay indoors, bring in toys, & wash outdoor play equipment and eating areas afterward. The long-acting spray will remain in our yards and schools for months.

The aerial spray **IS NOT JUST A MOTH PHEROMONE!!** The pheromone is “packaged” in a cocktail of so-called “inert” ingredients. “Inert” ingredients in pesticides are **not regulated** and **not required to be tested!** They are among the most dangerous, often carcinogenic, substances, according to Richard Fagerlund, retired former board-certified entomologist, University of New Mexico, & San Francisco Chronicle columnist.

GROUND SPRAYING in neighborhoods and private yards will include permethrins that are known to be toxic to bees, monarchs, ocean animals, cats, and suspected to cause human cancer, nervous system damage, liver damage, and harm human reproductive systems¹.

- à **The spraying program is based on bad science! Experts say it won't eradicate the moths².**
- à **643 Health Complaints were reported after one spraying in Monterey & Santa Cruz³.**
- à **Experts say health complaints are consistent with inhaling the pesticide's small particles and surfactants.**

Microencapsulation: In fall, 2007, the California Department of Food and Agriculture (CDFA) and U.S. Department of Agriculture (USDA) used pheromone-pesticides contained within little plastic balls (“microcapsules”). The UC Davis study⁴ of samples collected showed microcapsules as small as **10 microns, a particulate size the American Lung Association says can harm lungs⁵.**

Surfactants: Despite CDFA denials of using surfactants, they sprayed a pesticide with Tricaprylyl Methyl Ammonium Chloride. Surfactants may harm human respiratory systems and sea birds. The day after the spray, dead birds started showing up (total estimates range from 750-2300) and many were covered with surfactant.

Trade Disputes: The MAIN REASON for spraying people is NOT TO KILL THE MOTHS, BUT TO SATISFY TRADE AGREEMENTS. We are being sprayed to show trade partners the government is serious about trying to get rid of the moth. Experts agree the spraying won't work, but spraying us satisfies trade agreements.

California Department of Food and Agriculture (CDFA) used pesticides with NO EVIDENCE OF HUMAN SAFETY & offered NO MEDICAL ASSISTANCE: Manufacturers did NO long-term studies on safety for humans or animals.

State Law requires an Environmental Impact Report to evaluate human & environmental safety before starting to spray. **The CDFA declared an “Emergency” to bypass State Law** and began **spraying pesticides on people BEFORE completing safety reviews.** CDFA's “emergency” declaration ignores experts who say the moth has been here for 2 years or more, has done little or no damage, and that damage estimates are due to trade barriers and not the moth.

¹US Environmental Protection Agency; Journal of Pesticide Reform; Ohio State Univ.; Environmental Entomology ²Biologists J. Carey & D. Harder
³HOPE.org; Calif. Alliance to Stop the Spray ⁴Univ. of Calif. Davis ⁵American Lung Assoc. (For references: www.LBAMspray.com/OutreachTools)

Websites: www.CASSonline.org www.StopTheSpray.org www.LBAMspray.com

THE BOTTOM LINE

If you object to being sprayed with this,

à **CALL THE GOVERNOR'S OFFICE, 916-445-2841**

à **STAY INFORMED! Sign up for the CASS mailing list at www.CASSonline.org.**

The California Alliance to Stop the Spray (CASS) is a local, grassroots collaborative of individuals and nonprofit groups.

STOP SPRAYING PESTICIDES ON PEOPLE!

WHAT ARE THE ALTERNATIVES?

Similar to leaf roller moths that are native to our community, the Light Brown Apple Moth (LBAM) has been successfully controlled for years in New Zealand, Hawaii, and other areas without spraying people. The California Department of Food and Agriculture (CDFA) and the U.S. Department of Agriculture (USDA) should be using the control methods used by other regions with LBAM and by our local farmers for native moths. They should use the least toxic methods available, such as pheromone sticky traps, twist ties, sterile male moths. They should also investigate native predators to the LBAM. U.S. legislators should renegotiate trade agreements and re-classify the moth so that spraying is unnecessary because the moth does little damage when sustainable methods are used. Priority must be given to human and environmental health and safety in making decisions about chemical eradication campaigns.

TAKE A STAND AGAINST THE SPRAY!

Join These Cities & Organizations:

Sierra Club
 City of Santa Cruz
 City of Albany
 California Alliance to Stop the Spray
 Citizens for Health
 Environment California
 Pesticide Watch Education Fund

Breast Cancer Fund
 CALPIRG
 Coalition for Clean Air
 Planning and Conservation League Fund
 StoptheSpray.org
 1HOPE.org
 Coalition for Sustainable Action

WHAT CAN YOU DO?

- Stay informed! Go to the Community Alliance to Stop the Spray (CASS) website for information, join the email list, download flyers & letters to legislators, or join an action team: www.CASSonline.org
- Visit www.LBAMspray.org, 1hope.org, www.StopTheSpray.org, www.EastBayPesticideAlert.org
- Contact the media: Newspapers, weeklies, radio and TV stations - voice your concern.
- Parents: speak to your schools, school boards, PTA, churches, neighbors about spray hazards.
- Ask the Governor and the CDFA secretary to stop the spray program and shift to sustainable methods of least-toxic pest control.
- Ask your Congressional Representatives & Senators to stop funding the spraying of people with pesticides. And, ask them to renegotiate trade agreements and lift the USDA quarantine of California crops from areas where the Light Brown Apple Moth has been found.

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