

Watts Remy

From: Dewey Caron <dmcaron@udel.edu>
Sent: Sunday, March 24, 2019 10:24 PM
To: SENR Exhibits
Subject: Testimony to support SB853
Attachments: ChlorpyrifosFactSheet_SB853 (1).pdf

Submitted Testimony of Dr Dewey M. Caron, retired Entomologist, in support of SB853

I am a retired Professor of Entomology & Wildlife Ecology from University of Delaware and Affiliate Faculty member of the Department of Horticulture Oregon State University. When I retired in 2009 I moved to Portland Or to be closer to grandkids. I continue my interest with honey bees and extension efforts on improving Honey Bee Health

I write to support passage of SB853 that would ban purchase and sale of the Insecticide Chlorpyrifos and restrict use of neonicotinoids to trained individuals by licensing them as Restricted Use pesticides.

The unfortunate decision by the Federal Environmental Protection Agency (EPA) to delay cancellation of use of Chlorpyrifos, as recommended by most experts, continues to put Oregon citizens and our honey bee populations at unnecessary risk. Scientific studies have linked chlorpyrifos to brain damage in children, autism, cancer, reduced IQ, loss of working memory, attention deficit disorders and Parkinson's disease. ATTACHED fact Sheet provides details and sources.

Chlorpyrifos is consistently among the top 5 pesticide compounds found in residue sampling of bees and honey from Honey bee colonies. There are useful alternatives to this insecticide. It is time to begin to get it out of our environment; a ban on use in Oregon will help begin to reduce its presence. We need to take a pro-active stance in Oregon since leadership is lacking from EPA.

I testified last year relative to OR legislation to seek to place neonicotinoids on restricted use status but the legislation never made it out of committee. Neonicotinoids have been found in residue studies of common foods consumed in Oregon, taken from our own outlets. Numerous studies have demonstrated negative effects of neonicotinoids on individual honey bees and residue studies have revealed them present in colonies and bee bodies were analyzed.

Efforts are underway to seek voluntary removal of neonicotinoids from point-of-sale sites so homeowners do not have ready access to them but we need to do more to help protect our citizens and pollinators such as honey bees. Restricting their use and providing better training to users of these compounds would help potentially to reduce their negative effects.

I strongly urge you passage of SB 853 and passage to the full senate for their enactment of this legislation to help protect the health of OR citizens and our environment, especially our highly vulnerable honey bee pollinator populations.

Thank you.

Dewey H. Law

Attachment on Chlorpyrifos

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