
SUBSTITUTE HOUSE BILL 1810

State of Washington 60th Legislature 2007 Regular Session

By House Committee on Select Committee on Environmental Health
(originally sponsored by Representatives Hudgins, Hunt, Chase,
Kenney, Santos, Campbell, Schual-Berke, Dickerson, B. Sullivan,
McIntire, Roberts, Wood and Moeller)

READ FIRST TIME 02/28/07.

1 AN ACT Relating to monitoring pesticide drift and its impacts on
2 environmental health; and adding a new section to chapter 70.104 RCW.

3 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

4 NEW SECTION. **Sec. 1.** A new section is added to chapter 70.104 RCW
5 to read as follows:

6 (1)(a) The legislature finds that discussion of public policies,
7 enforcement activities, and educational programs related to pesticides
8 should be based on sound science and must include data on the types and
9 concentrations of pesticides in the air. The legislature also finds
10 that workers, business owners, and other people have the right to know
11 about pesticides in the air with which they and their children may come
12 in contact.

13 (b) It is the intent of the legislature to help ensure the health
14 and welfare of our citizens and the continued prosperity of our
15 agricultural sector through a limited monitoring program that
16 identifies whether exposure to off-site migration of pesticides
17 constitutes a health or safety concern to nearby populations. It is
18 not the intent of this monitoring program to infringe on or affect the
19 ability of agricultural interests to use pesticides in a lawful manner.

1 (2) The legislature therefore directs that a pilot air monitoring
2 project be initiated that supports the collection of data for use in
3 evaluating the human health implications, or lack thereof, to workers
4 and the public from pesticides moving off-target via the air.

5 (3) The department shall, in cooperation with state agencies,
6 Washington State University, and the University of Washington design
7 and implement a scientific-based pilot project to monitor and collect
8 data on the concentrations of pesticides in the air in agricultural
9 areas of the state, including conventional and organic cropping systems
10 and various application methods as appropriate, resulting from
11 pesticides moving off-target via the air. The department shall:

12 (a) Design the air monitoring project;

13 (b) Implement sample collection and analysis;

14 (c) Analyze the resulting data with respect to risks to human
15 health;

16 (d) Make monitoring results accessible to the public;

17 (e) Report the results of the monitoring to policymakers and the
18 public in conjunction with the annual pesticide incident reporting and
19 tracking (PIRT) report and through other forums. The department shall
20 convene an advisory committee composed of representatives of interested
21 parties such as growers, workers, teachers, environmental
22 organizations, the Washington state department of agriculture, the
23 department of ecology, and the department of labor and industries;

24 (f) Assess the data using available reference concentrations and
25 reference doses from the peer-reviewed literature and/or state or
26 federal governmental agencies; and

27 (g) Analyze data in reference to: Inhalation, absorption, and
28 various exposure risks over time, including cumulative risks.

29 (4) The department shall consult with and is authorized to
30 negotiate interagency agreements as appropriate with the department of
31 ecology, the department of agriculture, the University of Washington,
32 and Washington State University to assist in carrying out the project.

33 (5) The definitions in this subsection apply throughout this
34 section unless the context clearly requires otherwise.

35 (a) "Department" means the department of health.

36 (b) "Pesticide drift" means off-target migration of pesticides,
37 during or after applications.

1 (c) "Reference concentrations" and "reference doses" means a
2 numerical estimate of exposure to the human population, including
3 sensitive subgroups such as children, that is not likely to cause
4 harmful effects. Reference concentrations and reference doses are
5 generally used for health effects that are thought to have a threshold
6 or low dose limit for producing effects.

7 (6) The department shall submit a report to the appropriate
8 committees of the legislature by April 1, 2009, including a summary of
9 the air monitoring project findings and recommendations for public
10 policies and program activities to protect human health from off-target
11 movement of pesticides via the air.

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