LEGISLATIVE UPDATE
House Bill 1285

Neonicotinoid Pesticides – Restricted Use

The bill would classify each neonicotinoid insecticide distributed, sold, or offered for sale in Maryland as a state Restricted Use pesticide.
House Bill 621 and Senate Bill 700

Registration of Pesticides - Fee Increase - Disposition of Fees

Would increase pesticide registration fees from $100 to $110; and providing that at least $10 of each annual registration fee and each terminal registration fee collected by the Department of Agriculture may be used only for activities of the Department relating to the collection, analysis, and reporting of data on pesticide use in the State.
2013 Proposed Legislation

Pesticide Reporting and Information Act

- Bill would have required the mandatory annual reporting of pesticides used, released, sold and purchased. This would have included subsurface wood destroying insect treatments.
- Required the sale and purchase of restricted use pesticides to be reported semi-annually.
- Established a special fund for the program.
- Had provisions to ensure confidentiality.
- Would have established civil penalties and enforcement provisions for failure to report.
Pesticide Reporting and Information Work Group

The work group was created during the 2013 legislative session and is made up of 22 appointed members.

The work group is to identify any data gaps in pesticide use and reporting that need to be filled and how best to accomplish it.

Recommendations from the work group are due back to the General Assembly by June 2014.
SENSITIVE CROP LOCATOR

Pesticide Regulation Web Page

Pesticide Regulation

The Pesticide Regulation Section administers Maryland’s Pesticide Applicator’s Law, approves training courses in the handling, storage and use of pesticides, conducts examinations to determine that pesticide applicators are competent to follow prescribed pest control practices, enforces federal laws on the sale and use of pesticides, and investigates pesticide accidents or incidents and consumer complaints on pesticide misuse.

To find out more, call Pesticide Regulation at 410-841-5710.
Maryland Pesticide Sensitive Crops Locator
Maryland Pesticide Sensitive Crops Locator

Base Map Options

- NCAA Nautical Charts
- Canvas - Light Gray
- Terrain
- Imagery - Bing
- OpenStreetMap
- Topo
- Roads - Bing
- Hybrid - Bing
SENSITIVE CROP LOCATOR

Site Specific Information

Pesticide Sensitive Crop information

| SITE ID # | 56   |
| SITE #    | 1.00 |
| NAME      | SUGAR LOAF MOUNTAIN VINEYARD |
| ADDRESS   | 18125 COMUS ROAD |
| CITY      | DICKERSON |
| STATE     | MD |
| ZIP       | 20842 |
| COUNTY    | MONTGOMERY |
| CROP ID   | 1.00 |
| CROP TYPE | Vineyard/Grapes |

Zoom to: Sugarloaf Mountain Vineyard
SENSITIVE CROP LOCATOR

Measurement Tool

Measurement Result
5.9 Acres
U.S. Environmental Protection Agency
Update
Neonicotinoid Pollinator Protection

EPA is requiring the manufacturers of neonicotinoid insecticides that are labeled for outdoor foliar applications (except granules) to incorporate new labeling to minimize exposure to bees and other pollinators.

This includes:
- Clothianidin
- Dinotefuran
- Imidacloprid
- Thiamethoxam

New label Icon for pollinator protection
Neonicotinoid Pollinator Protection

The label changes include:

- A pollinator protection box
- New pollinator protection language added to the Directions for Use
- A universal icon
- All labels must now use the word “foraging” to reference bee activity

Revised labels will be in the market for 2014
POLLINATOR PROTECTION BOX

APPLICATION RESTRICTIONS

Application restrictions exist for this product because of risk to bees and other insect pollinators. Follow application restrictions found in the directions for use to protect pollinators.

Look for the bee hazard icon in the Directions for Use for each application site for specific use restrictions and instructions to protect bees and other insect pollinators.

This product can kill bees and other insect pollinators.

Bees and other insect pollinators will forage on plants when they flower, shed pollen, or produce nectar.

Bees and other insect pollinators can be exposed to this pesticide from:

- Direct contact during foliar applications, or contact with residues on plant surfaces after foliar applications
- Ingestion of residues in nectar and pollen when the pesticide is applied as a seed treatment, soil, tree injection, as well as foliar applications.

When Using This Product Take Steps To:

- Minimize exposure of this product to bees and other insect pollinators when they are foraging on pollinator attractive plants around the application site.
- Minimize drift of this product on to bee hives or to off-site pollinator attractive habitat. Drift of this product onto bee hives or off-site to pollinator attractive habitat can result in bee kills.

Information on protecting bees and other insect pollinators may be found at the Pesticide Environmental Stewardship website at: http://pesticidestewardship.org/PollinatorProtection/Pages/default.aspx.

Pesticide incidents (for example, bee kills) should immediately be reported to the state/tribal lead agency. For contact information for your state, go to: www.aapco.org/officials.html. Pesticide incidents should also be reported to the National Pesticide Information Center at www.npic.ori.edu or directly to EPA at: beeskill@osa.gov.

A pollinator protection box must now be placed on the label following the Environmental Hazards section.
DIRECTIONS FOR USE

FOR CROPS UNDER CONTRACTED POLLINATION SERVICES

Do not apply this product while bees are foraging. Do not apply this product until flowering is complete and all petals have fallen unless the following condition has been met.

If an application must be made when managed bees are at the treatment site, the beekeeper providing the pollination services must be notified no less than 48-hours prior to the time of the planned application so that the bees can be removed, covered or otherwise protected prior to spraying.
Directions For Use - Food Crop and Commercially Grown Ornamentals

FOR FOOD CROPS AND COMMERCIALLY GROWN ORNAMENTALS NOT UNDER CONTRACT FOR POLLINATION SERVICES BUT ARE ATTRACTIVE TO POLLINATORS

Do not apply this product while bees are foraging. Do not apply this product until flowering is complete and all petals have fallen unless one of the following conditions is met:

- The application is made to the target site after sunset
- The application is made to the target site when temperatures are below 55°F
- The application is made in accordance with a government-initiated public health response
- The application is made in accordance with an active state-administered apiary registry program where beekeepers are notified no less than 48-hours prior to the time of the planned application so that the bees can be removed, covered or otherwise protected prior to spraying
- The application is made due to an imminent threat of significant crop loss, and a documented determination consistent with an IPM plan or predetermined economic threshold is met. Every effort should be made to notify beekeepers no less than 48-hours prior to the time of the planned application so that the bees can be removed, covered or otherwise protected prior to spraying.
Non-Agricultural Products:

Do not apply [insert name of product] while bees are foraging. Do not apply [insert name of product] to plants that are flowering. Only apply after all flower petals have fallen off.
Updated soil fumigant product labels (methyl bromide, chloropicrin, dazomet, metam sodium and metam potassium) now require, as a condition of use, certified applicators to successfully complete an EPA-approved training program.

EPA required registrants to develop and implement training programs for certified applicators supervising soil fumigant applications. This training must be completed every 3 years.

Maryland is using the EPA-approved registrant training programs to satisfy the certified applicator training label requirement.
Registrant Soil Fumigation Training Program

Two required parts to the program:

- General soil fumigation requirements
- Active ingredient soil fumigant requirements

Upon completion a certificate can be printed

www.fumiganttraining.com/
Pesticide Storage Requirements

Have been in effect since October 1993.
Pesticide Storage Requirements

Must be secured or locked

Stored in a separate building or at a minimum separated from food, feed, or fertilizer.
Pesticide Storage Requirements

Have a warning sign on the exterior

Stored in a dry ventilated area
Pesticide Storage Requirements

- Kept clean
- Have a supply of absorbent material
Pesticide Storage Requirements

- Properly labeled containers
- Containers are not leaking or torn

Do **NOT** use food or beverage containers to store pesticides
Pesticide Storage Requirements

Have an appropriate fire extinguisher

Stored in an area 50 feet from any water well, or stored in secondary containment
ENFORCEMENT SUMMARY
Formal Complaints 39

Wood Destroying Insect Inspections 4

Agricultural 1

Structural 16

Unlicensed 2

Neighbor vs Neighbor 9

Ornamental & Turf 9

Right of Way 1

EPA Referral 1

July 1, 2012 thru June 30, 2013
2013 Agricultural Investigations
Type of Applicator

- Other Complaints: 38
- Agricultural Complaints – 1
- Private: 1
2013 Agricultural Investigations
Type of Complaint

- Other Complaints: 39
- Agricultural Complaints: 1
- Misuse: 1
Is this service container appropriate for storing Finale herbicide?
Is an empty pesticide jug the appropriate container for water?

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose or in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

OR

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.
Pesticide Storage Area / Sleeping Quarters
When Using A Pesticide Under A Section 24’c (Special Local Need) or Section 18 (Emergency)

The Applicator Must Have The Supplemental Label In Their Possession
Smart phones can be used for having the label on site.

However, there must be an app on the phone to go directly to the label site. A copy of the label must be made available immediately.

Note: If there is no cell coverage at the application site either a pdf copy of the label has to be on the phone or a hard copy of the label has to be available.
In 2013 MDA recycled 24 tons (56,103 containers) of empty plastic pesticide containers from 23 sites.
A private applicator is a person who uses a restricted use pesticide in the *production* of an agricultural commodity on their own or rented property.

However, when a pesticide is applied to someone else’s property for compensation it falls under the classification of a commercial business, and requires certification as a Pest Control Applicator and licensing of the business as a Pesticide Business with MDA.
Private Applicator Certificate

Remember, a private applicator certificate is for the use of the certified applicator them self to purchase a restricted use pesticide for their own use, or their employees use, on their property or rented property.

It cannot be used to purchase a restricted use pesticide that is then given to a neighbor, or friend, for their use. This is a violation of both state and federal law.
CAUTION
THIS MACHINE HAS NO BRAIN USE YOUR OWN
Unfortunately for Duane, the term "Eagle Eye" didn't apply to him.

Yeesh! This is one heavy squirrel!
For More Information, Contact:

Maryland Department of Agriculture
Pesticide Regulation Section
50 Harry S. Truman Parkway
Annapolis, MD 21401
Telephone: (410)841-5710      FAX: (410)841-2765
Internet:  www.mda.maryland.gov