



## **N.C. PESTICIDE BOARD**

**May 20, 2025**

**(NOTE DATE CHANGE)**

**10:00 A.M.**

**Steve Troxler Agricultural Sciences Center  
4400 Reedy Creek Rd.  
Raleigh, NC**

### **AGENDA**

**1. Ethics Reminder – Ms. Gwen Pitt, Chair, N.C. Pesticide Board**

MANDATORY ETHICS INQUIRY - North Carolina General Statute 138A-15(e) mandates that the Board Chair shall remind all Board Members, of their duty to avoid conflicts of interest and appearances of conflict under this Chapter, and that the chair also inquire as to whether there is any known conflict of interest or appearance of conflict with respect to any agenda item coming before the Board at this time. It is the duty of each Member who is aware of such personal conflict of interest or of an appearance of a conflict, to notify the Chair of the same, and to refrain from inappropriate participation on that agenda item.

**2. Consider Board Minutes for the January 14, 2025, meeting**

**3. Pollinator Video and Modules Update**

- Travis Snodgrass, SPC&PD, NCDA&CS

**4. Consider Settlement Agreements**

N.C. Department of Agriculture and Consumer Services,  
Structural Pest Control and Pesticides Division, v.

IR23-36B Dale M. Connors

IR23-071 Tammy L. DeRousse

IR23-077 Joseph Hunter

IR24-071 Lowe's Home Centers, LLC.

**PLEASE NOTE DATE CHANGE FOR THIS MEETING**

# **AGENDA**

## **ITEM 2**

## **NORTH CAROLINA PESTICIDE BOARD MEETING MINUTES FOR JANUARY 14, 2025**

Ms. Pitt called the meeting to order. Dr. Kirkman, Dr. Farrar and Ms. Hernández were not in attendance.

Ms. Pitt introduced the Board's interim attorney, Assistant Attorney General Ben Spangler.

Dr. Savinelli asked Mr. Spangler if she would have a conflict with the Cundiff case, since she works for Syngenta. After Mr. Spangler asked her a few questions, he advised that there would be no conflict of interest, and she could proceed with her vote once the case is heard.

### **First Agenda Item:**

Mandatory Ethics Inquiry Reminder

Ms. Pitt read the mandatory Ethics Inquiry Reminder into the minutes. Hearing no conflicts, the meeting proceeded.

### **Second Agenda Item:**

Consider the September 10, 2024, minutes, NC Pesticide Board Meeting

After a brief review of the minutes, Ms. Pitt asked for a motion.

**Dr. Savinelli MOVED to approve without changes, SECONDED by Mr. Johnson. MOTION CARRIED.**

### **Third Agenda Item:**

The North Carolina Spongy Moth Program Update for 2025

Ms. Sara Lalk presented the Board with an update on the Plant Industry Division's Spongy Moth Program.

Mr. Jones advised the Board that the new C&T Rule changes, that went into effect on November 1, 2024, removed the requirement for Plant Industry to request the exemption for the Aerial Application of Pesticides (2 NCAC 09L.1000) for Treatment of the Spongy Moth.

After discussion, Ms. Pitt thanked Ms. Lalk for the update.

### **Fourth Agenda Item:**

Pesticide Environmental Trust Fund (PETF)

Pesticide Container Recycling Program Update and Request for Funding for 2025

Henry Weaver, SPC&PD, presented the Board with a funding request for the 2025 Pesticide Container Recycling Program in the amount of \$60,000.00. After a brief discussion, Ms. Pitt thanked Mr. Weaver for the presentation.

**Mr. Johnson MOVED to approve the request for \$60,000, SECONDED by Mr. Lipton. MOTION CARRIED.**

**Fifth Agenda Item:**

**Consider Settlement Agreements**

The Board heard the settlements in one group, with one Motion for Approval.

**Mark A Capitano (IR22-020)**, the manager of H&H Landscaping in Swansboro, agreed to pay \$1,200 for engaging in the business of pesticide applicator without a license.

**Gail Rogers (IR23-032)**, agreed to pay \$600 for using mothballs outside in her residential yard, which violates the product's label and state regulations, including the provision that pesticides cannot be used in a faulty, careless or negligent manner.

**Davis Truesdale (IR23-036A)**, a licensed pesticide dealer for Ewing Irrigation Supply in Indian Trail, agreed to pay \$600 for selling a restricted-use pesticide to a pesticide applicator with an expired license.

**Hugh A. Cundiff (IR23-037)**, a licensed aerial pesticide applicator apprentice for Moore's Aerial Applicators in Clinton, agreed to pay \$1,200 because an application targeted at a farm field drifted onto a nearby road and residential yard.

**Peter Hawkins (IR23-056)**, a licensed commercial pesticide applicator for Mosquito Authority in Raleigh, agreed to pay \$600 for applying an insecticide to the wrong residential property in Cary.

**Dr. Savinelli MOVED to accept as presented, SECONDED by Mr. Johnson. MOTION CARRIED.**

Ms. Pitt asked Mr. Jones if he had any updates for the Board. Mr. Jones informed the Board that the Pesticides, new C&T Regulations, have been approved by the Rules Review Committee and published. The Structural Pest Control C&T Regulations have been submitted to the Rules Review Committee and awaiting approval. Mr. Jones introduced the Division's new Human Resources and Budget and Financial Administrative Officer, Ms. Tonia Keyes.

Ms. Pitt asked if there were any other comments or business. Hearing none, she reminded the Board that their next meeting will be March 11, 2025.

Ms. Pitt asked for a motion to adjourn.

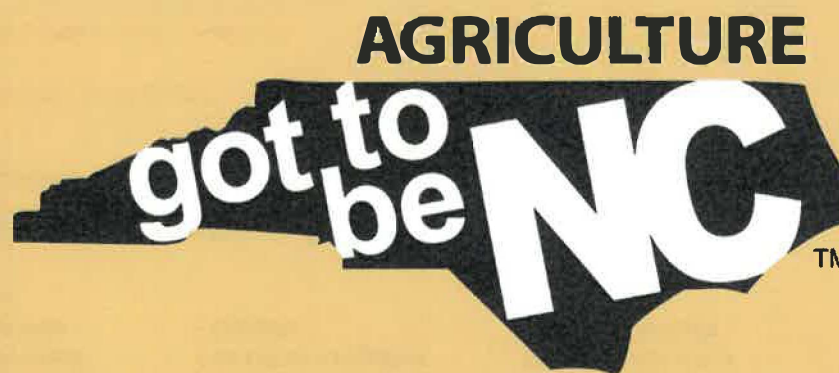
**Mr. Johnson MOVED, SECONDED by Mr. Lipton. MOTION CARRIED.**

**AGENDA**

**ITEM 3**



# Pollinator Video Update & Interactive Learning Modules



NC Department of Agriculture & Consumer Services  
Structural Pest Control and Pesticides Division



## NCDA&CS Pollinator Outreach Information



**Bee Kill Investigation  
- English**



**Managing Hive Pest  
Through Pesticide  
Use - English**



**Bee Kill Investigation  
- Spanish**



**Managing Hive Pest  
Through Pesticide  
Use - Spanish**

### Interactive Learning Module Training

Available in both English and Spanish

| Free Online Course Training (not for pesticide credit)

| Training Module Approved for Pesticide Credit (fee required)

[Canadian Pollinator Outreach Information](#)

[www.ncagr.gov/pollinators](http://www.ncagr.gov/pollinators)



# Updated Videos to Include RUP Information

Managing Hive Pests Through Pesticide Use (in the USA)

**RESTRICTED USE PESTICIDE  
DUE TO ACUTE TOXICITY TO HUMANS**

For retail sale to and use only by certified applicators or persons under their direct supervision, and only for those uses covered by the certified applicator's certification

**AmiFlex**  
By Vétô-pharma

**Gel formulation for the in-hive control  
of varroa mites on honey bees**

**ACTIVE INGREDIENT** It is currently a restricted  
Amitraz: N'-(2,4-dimethylphenoxy)-N-(2,6-dimethyl-4-phenyl-1-imino)-1,1-dimethyl-2-phenyl-2-propanoneamide  
2.0 %

**PRECAUTIONS**

**HAZARDS TO HUMAN**  
**DANGER:** Corrosive. (S)  
Do not get in eyes, or on skin. Harmful if inhaled. Avoid contact with water.

**PERSONAL PROTECTION**  
Applicators and other persons handling this product should wear:  
• Coveralls worn over long-sleeved shirt and trousers  
• Socks and chemical-resistant shoes  
• Waterproof or chemical-resistant gloves (e.g., nitrile, butyl rubber, or polyethylene chloride (PVC), or vinyl)  
• Protective eyewear

**USER SAFETY REQUIREMENTS**  
Follow the manufacturer's instructions. If no such instructions are available, follow the instructions on the label. Keep and wash hands thoroughly after use.

**USER SAFETY RECOMMENDATIONS**  
Users should:  
• Wash hands thoroughly after use.

12.01 / 16.11



# Learning Modules

## Managing Honey Bee Hive Pests and Investigating Bee Kills

This website hosts two online courses, Bee Kill Investigation and Managing Hive Pests Through Pesticide Use, in four languages—English, Spanish, English Canadian, and French Canadian. The courses are free to the public thanks to funding from the U.S. Environmental Protection Agency, Office of Chemical Safety and Pollution Prevention. The courses in this format are not for licensing credit. To register for course credit, follow the registration and payment links for Managing Hive Pests Through Pesticide Use (specify English or Spanish language). Appreciation is expressed to Mike Cameron, Grow Agriculture Media, LLC, and Chuck McIlheney, Chazzbo Media, for their artful production of the modules. The North Carolina Department of Agriculture and Consumer Services (NCDA&CS) provided technical direction.

Read more about protecting pollinators from pesticide exposure at the [Pesticide Environmental Stewardship](#) website and the NCDA&CS's [Pollinators Homepage](#).

### English

#### Bee Kill Investigation

The Bee Kill Investigation module provides a comprehensive guide for agricultural inspectors tasked with investigating bee health and potential colony loss. Participants will learn about the basic components of beehives, proper use of hive inspection tools, safety protocols, and effective investigation procedures. The module also covers environmental assessments, sample collection for lab analysis, and the evaluation of pesticide involvement. By the end of this training, inspectors will have the skills needed to conduct thorough, defensible investigations and support healthy, thriving bee colonies.

Start Course »

#### Managing Hive Pests Through Pesticide Use

The Managing Hive Pests Through Pesticide Use training module equips beekeepers and inspectors with the knowledge and skills to effectively manage hive pests using integrated pest management (IPM) strategies and pesticides. Participants will learn how to monitor and control Varroa mites, identify other common pests like Small Hive Beetles, and safely apply approved pesticides. This module emphasizes responsible pesticide use by guiding users through label interpretation, application techniques, and best practices for long-term hive health.

Start Course »

### Spanish

# Learning Modules

The screenshot displays a web-based learning module interface. On the left is a dark sidebar with the title 'Managing Hive Pests Through Pesticide Use' and a progress indicator '0% COMPLETE'. Below the title is a list of module sections: 'THIS MODULE', 'VARROA MITE IMPACT', 'MONITORING VARROA MITE', 'OTHER HIVE PESTS', 'CHEMICAL CONTROL', 'APPLICATION', and 'CONCLUSION'. Each section has a corresponding icon. The main content area is white and features a video player. At the top of the video player is a progress bar with a play button icon on the left and the time '00:22' on the right. Below the progress bar, the text 'HOW TO NAVIGATE THIS MODULE' is displayed in bold. Underneath this heading, a paragraph reads: 'Welcome! This video is a quick overview on how to navigate, interact, and properly save & exit this online module. After watching you may click the continue button to start this course.' Below the text is a large black rectangular area representing the video content, with a small white play button icon centered in the middle.

**Managing Hive Pests Through Pesticide Use**

0% COMPLETE

THIS MODULE

VARROA MITE IMPACT

MONITORING VARROA MITE

OTHER HIVE PESTS

CHEMICAL CONTROL

APPLICATION

CONCLUSION

00:22

## HOW TO NAVIGATE THIS MODULE

Welcome! This video is a quick overview on how to navigate, interact, and properly save & exit this online module. After watching you may click the continue button to start this course.

# Interactive

## Bee Kill Investigation

END COMPLETE

THIS MODULE

HIVE BOXES

HIVE TOOLS

SAFETY

INVESTIGATION PROCEDURES

COLLECTING SAMPLES

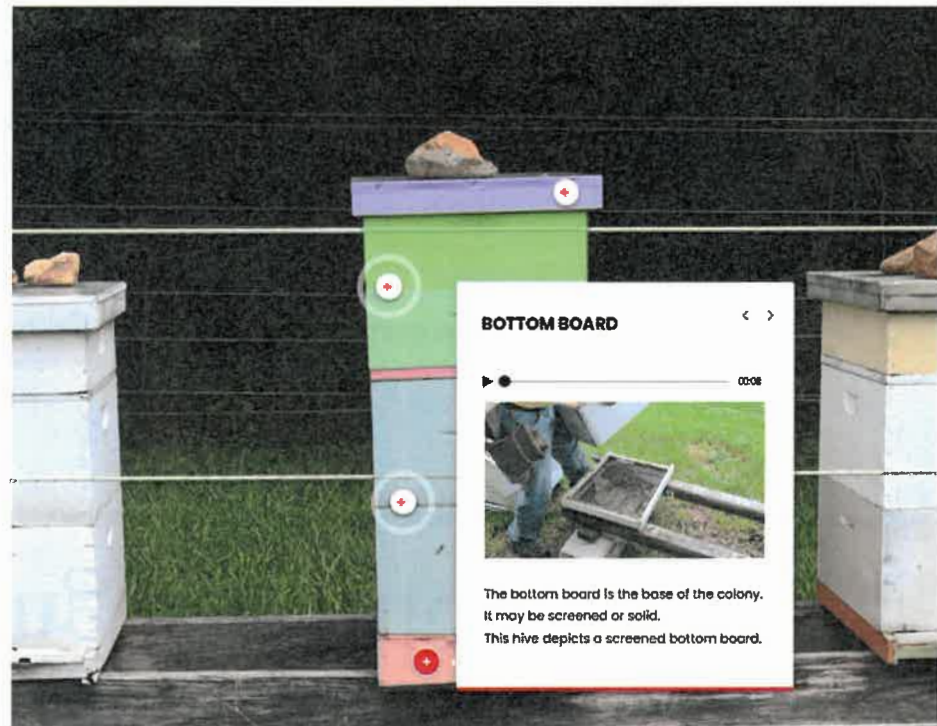
HIVE PESTS

CONCLUSION

## PARTS OF A BEEHIVE

*Click the icons on the image below to reveal additional information.*

But what does a healthy hive look like? The physical structure of a standard beehive may seem very basic, but each component serves a specific function that contributes to an active and positive environment for the bees.



# Knowledge Checks

The screenshot shows a web application interface for a 'Bee Kill Investigation'. On the left is a dark sidebar with a search icon and a menu. The menu items are: 'THIS MODULE' (with a red progress indicator), 'HIVE BOXES', 'HIVE TOOLS', 'SAFETY' (highlighted with a red circle), 'INVESTIGATION PROCEDURES', 'COLLECTING SAMPLES', 'HIVE PESTS', and 'CONCLUSION'. The main content area has a light pink background and is titled 'KNOWLEDGE CHECK'. It contains a multiple-choice question about avoiding the hive entrance during an inspection. There are four radio button options. At the bottom right of the question area is a red 'SUBMIT' button.

**Bee Kill Investigation**

0% COMPLETE

- THIS MODULE
- HIVE BOXES
- HIVE TOOLS
- SAFETY**
- INVESTIGATION PROCEDURES
- COLLECTING SAMPLES
- HIVE PESTS
- CONCLUSION

## KNOWLEDGE CHECK

**Multiple Choice:** Why is it important to avoid standing directly in front of the hive entrance during an inspection?

- ☐ It blocks airflow into the hive.
- ☐ Bees can mistake you for a predator.
- ☐ It disrupts the bees' traffic patterns, making them agitated
- ☐ It prevents bees from cooling the hive

**SUBMIT**



# Learning Modules for Pesticide Credit

everblue®

(888) 502-8151  
nc.pesticide@support.goeverblue.com

## Enrolling Myself

Please follow the enrollment process to register for an online exams.

1

Order

2

Review

3

Payment

4

Enrollment

### Test Taker

First Name

Last Name

Email

### Exams

#### Categories

Training

#### Exams

Managing Hive Pests Through Pesticide Use	\$12.00
Manejo De Plagas En La Colmena Mediante El Uso De Pesticidas	\$12.00

# Certificate of Training

## CERTIFICATE<sup>+</sup> OF TRAINING

This is to certify<sup>+</sup> that

**Jamie Zelenak-Hyre<sup>+</sup>**

has completed<sup>+</sup> the course

**Managing Hive Pests<sup>+</sup> Through Pesticide Use**

February<sup>+</sup> 24, 2025





# Demonstration

