



# Pesticide Report for 2009

North Carolina Department of Agriculture and Consumer Services  
Steve Troxler, Commissioner



# Table of Contents

	Page
Foreword.....	3
How to Use this Report.....	4
Introduction.....	5
Brief of the North Carolina Pesticide Law of 1971 and Adopted Regulations.....	6
North Carolina Pesticide Regulations.....	8
Pesticide Board and Pesticide Advisory Committee.....	10
Pesticide Environmental Trust Fund.....	14
Pesticide Container Recycling and Disposal Assistance Programs.....	16
Definitions Adopted.....	19
Table I - Analytical Results of Formulation Samples Collected in 2009.....	20
Table II - Analytical Results of Microbiological Samples Collected in 2009. ....	21
Table III – Manufacturers Found to Have Unregistered or Misbranded Products in the Marketplace during 2009.....	22
Summary of Regulatory Activities Performed.....	26

## FOREWORD

This will acknowledge and express our appreciation to the following people who made significant contributions to the contents and preparation of this Pesticide Report: Structural Pest Control & Pesticides Division / Pesticide Section – James W. Burnette, Jr., Director; Betty H. Griffin, Effie Carroll, Felicia Pate, and Faith Lane, Processing Assistant III's; Margaret D. Broome, and Kitea Lewis, Office Assistant IV's; Stacey R. Hicks and Laura L. Stover, Processing Assistant IV's; Jamie Frye, Administrative Secretary II; Jan L. Culbreth, Information Processing Technician; Michael V. Williams, Information Processing Manager; Shannon Joyner, Administrative Officer I; J. Patrick Jones, Deputy Pesticide Administrator; L. Lee Davis, Registration Manager; Kay G. Harris, Certification, Licensing & Outreach Manager; Dr. Robert R. Bruss, Risk Assessment and Environmental Fate Team Manager; Dr. Henry F. Wade, Environmental Programs Manager; Derrick Bell, Pesticide Disposal Assistance Program Manager; Sergio Morales-Monroy, Bilingual Pesticide Specialist; Michael A. Mitchell and Gwen T. Minton, Pesticide Environmental Investigative Specialists; Jennifer Almond, Pesticide Operations Specialists; Jagathi Kamalakanthan, and Guido Hommelsheim, Pesticide Specialists; Renee Woody, and J. Cam McDonald Certification Specialists; John B. Dalley and Dwight E. Seal, District Managers; James C. Bristow, Jr., Charles L. Clark, Steven F. Gatton, N. Patrick Farquahar, Thomas C. Bowman, Jr., Forrest Sue Egelston-Moncada, and Paul H. Ward, III, Pesticide Inspector II's; Douglas Bullard, Brandon Cawthorn, W. Barry Dunn, Robert S. Hamilton, Jimmy S. Merritt, Eddie Nunn, Randy Oliver, Drew Long, Travis Snodgrass, Phillip Sykes, R. Steve Taylor, and Gwen Van Duyn, Pesticide Inspector I's; Food and Drug Protection Division – Joseph W. Reardon, Director; Dr. Roger L. McDaniel, State Chemist; Dr. W. Mark Cosby, Chief Microbiologist; Dawn Davis and Vaishali M. Hingoo, Microbiologists; Ronald R. Willett, Pesticide Laboratory Supervisor, Ray Valenzuela, Chemist II; R. Vern Park, and Ronnie E. Rollins, Chemist I's; Sherry Dixon, LAN Administrator.

# How to Use This Report

The N.C. Pesticide Board is mandated by the General Statutes of North Carolina (§ 143-437) to make annual reports to the Governor on matters involving pesticides. The *North Carolina Pesticide Report for 2009* fulfills this mandate. Considerable time and effort have gone into editing and organizing this 2009 edition which summarizes regulatory activities performed under the N.C. Pesticide Law of 1971. In this document you will find the following:

## **Introduction**

The Introduction describes the development of laws and regulations governing the sale and use of pesticides in North Carolina. It also refers to certain divisions in the North Carolina Department of Agriculture & Consumer Services that perform key roles in regulating and controlling the sale and use of pesticides in this State.

## **North Carolina Pesticide Law of 1971 and Adopted Regulations**

This section presents a brief abstract of the North Carolina Pesticide Law of 1971. It also indicates where to obtain a complete copy of the Law and the pursuant Regulations adopted by the North Carolina Pesticide Board.

## **Pesticide Board and Pesticide Advisory Committee**

This section presents a brief description of the duties and composition of the North Carolina Pesticide Board and the North Carolina Pesticide Advisory Committee. In addition, a brief summary of each North Carolina Pesticide Board meeting and Pesticide Advisory Committee meeting held during 2009 is given.

## **Pesticide Environmental Trust Fund**

In this section, a summary of the Pesticide Environmental Trust Fund's financial transactions for 2009 is presented. Balances, receipts, expenditures, refunds, cumulative (1993-2009) figures and project summaries are given.

## **Pesticide Container Recycling and Disposal Assistance Programs**

This section summarizes the amount of plastic pesticide containers recycled during 2009 and the amount of pesticides waste collected at both the designated disposal collection sites and permanent household hazardous waste collection sites across North Carolina during the same year.

## **Definitions Adopted**

This section explains definitions that were adopted for reporting the analytical results of pesticides sampled by pesticide inspectors and analyzed by the Department's laboratories.

## **Table I**

Table I gives the analytical results of pesticides sampled and analyzed for their formulations. Company name and address are those listed on the product label when it was purchased in the marketplace.

## **Table II**

Table II presents the results of disinfectants tested for their label guarantee to kill various microorganisms. Here again, company name and address are those listed on the product label when it was purchased in the marketplace.

## **Table III**

Table III is an alphabetical listing of the names and addresses of manufacturers and/or distributors that were found to have unregistered or misbranded products in the marketplace during 2009.

## **Summary of Regulatory Activities Performed**

This section presents a summary of the various regulatory activities performed by the Department under the North Carolina Pesticide Law of 1971. The following information is included: number of manufacturers who registered pesticides for sale; number of pesticide products registered; number of physical samples collected and examined; number of stop-sale, stop-use, or removal orders issued; the number of licenses and private applicator certificates issued; and the number of compliance inspections conducted.

# Introduction

The term "Pesticide" covers a large number of materials and mixtures intended for destroying, controlling, or repelling pests such as insects, weeds, and other noxious plants, predatory animals and birds, soil-infesting pests such as nematodes, algae, snails, and bacteria. Other examples are disinfectants, antiseptics, and fungicides for use other than on living man or other animals, defoliant, various repellents, fly paper, and other adhesive products whose action goes beyond simple mechanics, moth proofers, wood preservatives other than common paints, mildew controls, and seed fumigants.

An adequate and readily available supply of many of these products is essential in the economical production of feed and fiber crops. The preservation of many products in storage and the control of domestic and industrial pests which affect both the health and welfare of human beings and animals are like-wise dependent on such materials.

While the development and distribution of various pesticides to serve the needs are important, provisions must be present to protect the public. During the years 1947 through 1971, it was the purpose of the economic poisons law (North Carolina Insecticide, Fungicide, and Rodenticide Act of 1947, G.S. 4A, Chapter 106) to protect the public from adulterated, misbranded, worthless, and dangerous products, and legitimate manufacturers from unscrupulous competition.

During the years 1953 through 1971, the aerial application of pesticides was regulated by the North Carolina Aerial Crop Dusting Law, G.S. 4B, Chapter 106. The Law and the regulations promulgated thereunder, in summary, required the registration and licensing of contractors and aviators who engaged in the custom application of pesticides by aircraft in North Carolina. The validity of a license was further restricted to the period of time that coverage by liability bond or insurance for damage by aircraft was in force.

During 1969, the North Carolina General Assembly through House Resolution 1392 directed the Legislative Research Commission to study the laws regulating pesticides in N.C. and report its findings and recommendations to the 1971 General Assembly. As a result of the findings and recommendations of the Commission, the North Carolina Pesticide Law of 1971 was adopted. The N.C. Pesticide Law of 1971 established the North Carolina Pesticide Board as the governing body for the programs of pesticide management and control set forth in the Law. Provisions for regulating the use, application (aerial and ground), sale, storage, disposal and registration of pesticides are set forth in the Law.

The Law provides for the adoption of a list of restricted use pesticides and requires the licensing of all pesticide dealers who sell restricted use pesticides directly to users. Pesticide applicators and consultants are also subject to licensing requirements. Private pesticide applicators may be required to be certified or recertified in order to purchase, use, and supervise use of restricted use pesticides in agricultural commodity production.

The Commissioner of Agriculture is responsible for administering and enforcing the Law and all rules and regulations adopted by the Board.

Each brand or grade of pesticide must be registered with the North Carolina Department of Agriculture & Consumer Services before it can be legally offered for sale in the State. A \$50.00 registration fee for each brand or grade must accompany each application for registration. In addition to the registration fee, an annual environmental assessment must be paid for each brand or grade to be registered in North Carolina. The assessment shall be \$50.00 if the applicant's gross sales of the pesticide in this state for the preceding 12 months for the period ending September 30th were more than \$5,000.00 and \$25.00 if gross sales were less than \$5,000.00. This assessment must accompany the \$50.00 registration fee in order for the registration to be complete.

A statewide inspection service will be maintained to investigate incidents involving pesticide misuse and to implement programs to enhance compliance to the Law and regulations. In addition to product registration and applicator licensing programs, the Pesticide Section of the Structural Pest Control and Pesticides Division will implement programs as authorized by regulation pertaining to the quality of formulated pesticides, the storage, disposal, and use of pesticides. The Department will maintain analytical laboratories to conduct analysis of official samples obtained for regulatory purposes.

# Brief of the North Carolina Pesticide Law of 1971

North Carolina Pesticide Board

Governing Body

Commissioner of Agriculture

Administrative and Enforcement

North Carolina Pesticide Advisory Committee

Assists the Board and Commissioner in an advisory capacity

Any pesticide may be designated as a “Restricted Use Pesticide” upon the grounds that in the judgment of the Board it is so hazardous or injurious to persons, pollinating insects, animals, crops, wildlife, lands, or the environment that additional restrictions on its sale, purpose, use, or possession are required. Restricted Use Pesticides also include any pesticide required by the Environmental Protection Agency to bear the designation on its labeling “Restricted Use Pesticide.” (Restricted Use Pesticides have been established by regulation.)

Restricted Use Pesticides

The Board may require certification and recertification of private pesticide applicators and charge a fee of up to \$10.00. The current fee is established by regulation at \$6 for a three-year certification.

Private Applicator Certification Requirement

All pesticide dealers who sell restricted use pesticides must be licensed. Application for a pesticide dealer’s license must be accompanied by a nonrefundable fee of \$50. All licenses shall expire on December 31 of the year for which they are issued. The license may be renewed annually upon application to the Department of Agriculture and Consumer Services, accompanied by a non-refundable fee of \$50 for each license. Each applicant must demonstrate upon written, or written and oral, examination his knowledge of pesticides, their usefulness and their hazards; his competence as a pesticide dealer; and his knowledge of the laws and regulations governing the use and sale of pesticides.

Pesticide Dealer Licensing Requirement

No person shall engage in the business of pesticide applicator within North Carolina unless he is licensed annually by the Board. Each license application shall be accompanied by a nonrefundable fee of \$50 for each applicator’s license and an additional \$25 for each aircraft to be licensed. A pesticide applicator is defined as any person who owns or operates a pesticide application business or who provides, for compensation, a service that includes the application of pesticides upon the lands or properties of another; any public operator; any golf course operator; any seed treater; any person engaged in demonstration or research pest control; and any other person who applies pesticides for compensation and is not exempt from this definition. It does not include:

Pesticide Applicator Licensing Requirement

a. Any person who uses or supervises the use of a pesticide (i) only for the purpose of producing an agricultural commodity on property owned or rented by him or his employer, or (ii) only (if applied without compensation other than trading of personal services between producers of agricultural commodities) on the property of another person, or (iii) only for the purposes set forth in (i) and (ii) above.

b. Any person who applies pesticides for structural pest control, as defined in the North Carolina Structural Pest Control Law (G.S. Chapter 106, Article 4C.)

Each applicant must demonstrate upon written, or written and oral, examination his competence as a pesticide applicator or public operator. In addition, to be licensed as a pilot, a person must have 125 hours and one year’s flying experience as a pilot in the field of aerial pesticide application.

No person shall perform services as a pest control consultant without first procuring from the Board a license. The application for a license shall be accompanied by an annual nonrefundable fee of \$50. A pest control consultant is defined as any person who, for a fee, offers or supplies technical advice, supervision, or aid, or recommends the use of specific pesticides for the purpose of controlling insects, plant diseases, weeds, and other pests, but does not include any person regulated by the North Carolina Structural Pest Control Act. Each applicant must demonstrate upon written, or written and oral, examination his competence as a pesticide consultant. An applicant for a pest control consultant license must possess a Ph.D., master’s, or bachelor’s degree in an agricultural or biological science from an accredited college or university with a minimum of 30 semester hours or 45 quarter hours of credit in subject areas pertinent to the category in which the applicant seeks to obtain a license. Emphasis of study must include insect, plant, bacterial, and fungal pests, as applicable to the category, and integrated pest management.

Pest Control Consultant Licensing Requirement

No person shall handle, transport, store, display, or distribute pesticides in such a

manner as to endanger man or his environment.

Every pesticide prior to being distributed, sold, or offered for sale within this State or delivered for transportation or transported in intrastate commerce or between points within this State through any point outside this State, shall be registered and such registration shall be renewed annually. Each manufacturer, distributor, or registrant of a pesticide shall supervise the activities of any employee or agent to prevent the making of deceptive or misleading statements about a pesticide. It shall be unlawful for any person to distribute, sell, or offer for sale any restricted use pesticide to any dealer who does not hold a valid N.C. Pesticide Dealer License.

A registration fee of \$150 for each brand or grade of pesticide is required. An additional \$200 delinquent registration penalty shall be assessed against the registrant for each brand or grade of pesticide marketed in North Carolina prior to registration.

An annual Pesticide Environmental Trust Fund assessment fee is required for each brand or grade of pesticide registered. This fee is either \$25.00 or \$50.00, based on gross sales of the pesticide within the State for the previous year. The assessments provide funding for agromedicine efforts at East Carolina University, North Carolina State University, and North Carolina A&T University and for pesticide environmental programs administered by the N.C. Department of Agriculture & Consumer Services.

Registration is subject to refusal or cancellation for cause and upon hearing.

Any brand or grade found to be deficient or excessive in active ingredients, misbranded, adulterated, or not registered is subject to "Stop Sale, Stop Use or Removal Orders."

The Pesticide Board may assess a civil penalty of not more than \$2,000 against any person who violates or directly causes a violation of any provision of this Article or any rule adopted pursuant to this Article. In determining the amount of any penalty, the Board may consider the degree and extent of harm caused by the violation and the cost of rectifying the damage caused by the violation.

Notwithstanding any other provision of this Law, the maximum penalty which may be assessed under this section against a "private pesticide applicator" is \$500 and such penalties may be assessed only for willful violations.

Any person who shall be adjudged to have violated any provision of the Law, or any regulation of the Board adopted pursuant to this Law, shall be guilty of a Class 2 misdemeanor and for each violation shall be liable for a penalty of not less than \$100 or more than \$1,000 or shall be imprisoned for not more than 60 days, or both. In addition, if any person continues to violate or further violates any provision of this Article after written notice from the Board, the court may determine that each day during which the violation continued or is repeated constitutes a separate violation subject to the foregoing penalties.

Handling, Storage,  
and Disposal of  
Pesticides

Registration

Registration Fee  
and Delinquent  
Penalty

Pesticide  
Environmental  
Trust Fund  
Assessment

Refusal or Cancellation of  
Registration

"Stop Sale, Stop Use  
or Removal Orders"

Civil  
Penalties

Other  
Penalties

**NOTE: Copies of the North Carolina Pesticide Law of 1971, as amended through 2009, may be obtained upon request to the Pesticide Section, North Carolina Department of Agriculture & Consumer Services, 1090 Mail Service Center, Raleigh, NC 27699-1090. Copies of the Regulations adopted by the North Carolina Pesticide Board may be requested from the same source. Both documents are also available on the Internet at**

**[www.ncagr.com/str-pest/pesticides](http://www.ncagr.com/str-pest/pesticides)**

# North Carolina Pesticide Regulations

## North Carolina Administrative Code Title 2 Department of Agriculture & Consumer Services Chapter 9 Food & Drug Protection Division SubChapter 9L Pesticide Section

The governor appointed North Carolina Pesticide Board adopts regulations that govern the manner in which pesticides are sold, stored, transported, applied and disposed within the state. While the N.C. Pesticide Law of 1971 provides the broader framework for pesticide regulation, the Board adopted regulations give a more detailed picture of precisely what are and are not acceptable pesticide practices.

The Board adopted the following regulations and amendments in 2009:

### **02 NCAC 09L .0810                      ADOPTION BY REFERENCE**

The North Carolina Pesticide Board hereby adopts by reference, including subsequent amendments, Part 165 of Title 40: Protection of Environment of the Code of Federal Regulations, entitled "Pesticide Management and Disposal Subpart E – Standards for Pesticide Containment Structures." Copies of this material may be obtained at no cost from the U.S. Government Printing Office website, [www.gopaccess.gov/cfr/index.html](http://www.gopaccess.gov/cfr/index.html).

History Note: Authority G.S. 143-441; 143-461  
Eff. April 1, 2009.

### **02 NCAC 09L .1002                      GENERAL REQUIREMENTS**

- (c) (6) the year, month, date, and the specific time of day when each pesticide application was completed;
- (d) Each day of application shall be recorded as a separate record.

History Note: Authority G.S. 143-458; 143-466;  
Eff. July 2, 1976;  
Amended Eff. May 1, 2009;

### **02 NCAC 09L .1402                      RECORD KEEPING REQUIREMENTS**

the year, month, date and the specific time of day when each pesticide application was completed and each day of application shall be recorded as a separate record;

History Note: Authority G.S. 143-458; 143-463; 143-466(a);  
Eff. October 21, 1977;  
Amended Eff. April 1, 2009.

### **02 NCAC 09L .1807                      SPECIFIC INFORMATION ABOUT APPLICATIONS**

(a) Concerning application information requirements contained in 40 CFR Sections 170.122 and 170.222 the following is also required to be completed by the agricultural employer:

- (1) In addition to the requirements of Sections 170.122(c)(3), and 170.222(c)(3), the specific time of day when each pesticide application was completed must be recorded immediately upon completion of the application. Each day of the application shall be recorded as a separate record. After the application information referenced in (a)(1) of this Rule and the other information in Sections 170.122(c) and 170.222(c) has been displayed for the required period of time in Section 170.122(b) and 170.222(b), the agricultural employer shall maintain the information for a period of two years from the specific time of day when each pesticide application was completed. Such information shall be available for inspection and copying by the Board or its agents upon their request.
- (b) In addition to information contained in Section 170.224(b), the handler employer must make the agricultural owner aware of the specific time of day when each pesticide application was completed. The agricultural employer shall display the information immediately and shall make it part of the record required to be maintained in Paragraph (a)(1) and (2) of the Rule.

History Note: Authority G.S. 143-466(a);  
Eff. May 1, 2009.

**02 NCAC 09L .1901**

**DEFINITIONS**

(7) Bulk Storage. Commercial Storage of any pesticide held in stationary pesticide containers designed to hold undivided quantities equal to or greater than 500 gallons (1,890 liters) of liquid pesticide or equal to or greater than 4,000 pounds (1,818 kilograms) of dry pesticide are subject to the regulations in this Rule unless any of the following conditions exists: The container is empty, that is, all pesticide that can be removed by the methods such as draining, pumping, or aspirating has been removed (whether or not the container has been rinsed or washed).

The container holds only pesticide rinsates or wash waters, and is labeled accordingly.

The container holds only pesticides which would be gaseous when released at atmospheric temperature and pressure.

The container is dedicated to non-pesticide use, and is labeled accordingly.

History Note: Authority G.S. 143-437; 143-441; 143-461; 143-466;  
Eff. January 1, 1984;  
Amended Eff. April 1, 2009.

**02 NCAC 09L .1914**

**BULK STORAGE REQUIREMENTS**

(a) Outlets, filler and access ports shall be locked at all times when not in use. Keys to the outlet, filler and access ports shall be in the possession of the purchaser and authorized employees only. Locks on ports are not required if bulk tanks are stored inside a facility utilizing security precautions that prevent unauthorized access to the bulk pesticide storage area.

(b) All bulk pesticide storage tanks must display the appropriate signal word as shown on the label on all sides exposed to view. The words shall be either stenciled directly on the containers or storage tanks or placed on a sign of durable construction which is firmly attached to the containers and storage tanks. All letters of said words shall be a minimum of four inches in height and one inch in width, and shall be printed in contrasting colors to the containers and storage tanks which are readily visible. All bulk storage areas shall be posted with a durable sign stating "PESTICIDE STORAGE." "AUTHORIZED PERSONNEL ONLY," "IN CASE OF EMERGENCY CALL \_\_\_\_\_"

Pesticide applicators utilizing bulk storage containers shall be subject to the same requirements as set forth in the Rule.

History Note: Authority G.S. 143-441; 143-461;  
Eff. April 1, 2009.

**SECTION .2200 – INTERIM PROTECTION MEASURES FOR THE CAROLINA  
HEELSPLITTER MUSSEL**

(See 02 NCAC 09L SECTION .2200 for the regulation in its entirety.)

## North Carolina Pesticide Board

The North Carolina Pesticide Board is a seven-member, governor appointed Board charged with the duty of governing pesticide management and control as set forth in the North Carolina Pesticide Law of 1971 §143-436. The members represent different sectors of the regulated public.

The Board adopts rules and regulations and makes policies for the program outlined in the North Carolina Pesticide Law of 1971. Board members serve staggered four-year terms. Appointments to fill vacancies in the Board are of individuals having the same credentials as the predecessor.

### MEMBERS OF THE NORTH CAROLINA PESTICIDE BOARD, 2009

One member each representing the North Carolina Department of Agriculture and Consumer Services; the North Carolina Department of Environment and Natural Resources; and the State Health Director or his designee. The persons so selected may be either members of a policy board or departmental officials or employees.

**Dr. Colleen M. Hudak-Wise**, Director, Agronomic Services Division,  
N. C. Department of Agriculture and Consumer Services, 1040 Mail Service Center, Raleigh, NC 27699-1040  
(Tel. 919/733-2655 office) colleen.hudak@ncagr.gov

\* **Dr. Ricky L. Langley, Medical Epidemiologist**, Occupational and Environmental Epidemiology Section,  
N. C. Department of Health and Human Services, 1912 Mail Service Center, Raleigh, NC 27699-1912  
(Tel. 919/715-6428 office) rick.langley@ncmail.net

**Ms. Robin W. Smith**, Assistant Secretary for Planning and Policy,  
N.C. Dept. of Environment and Natural Resources, 1601 Mail Service Center, Raleigh, NC 27699-1601  
(Tel. 919/715-4141) robin.w.smith@ncmail.net

#### A representative of the agricultural chemical industry.

\*\* **Dr. Thomas Allen Scarborough**,  
7905 Farnham Ct., Raleigh, NC 27616  
(Telephone: 919/676-4113 work) allen.scarborough@bayercropscience.com

#### A person directly engaged in agricultural production.

**Mr. William "Shawn" Harding**,  
762 Harding Lane, Chocowinity, NC 27817  
(Tel. 252/946-9349 home) info@southsidefarms.com

#### Two at-large members, from other fields of endeavor, one of whom shall be a nongovernmental conservationist.

**Mr. Don F. Rogers**,  
2040 Dove Lane, Clayton, NC 27527  
(Tel. 919/359-1004 home) neuseriverinspect@embarqmail.com

**Dr. W. Benson Kirkman**,  
3712 Eakley Court, Raleigh, NC 27606  
(Tel. 919/859-1187 home) bkirkman@mindspring.com

- \* Chairman
- \*\* Vice Chairman
- Secretary, James W. Burnette, Jr.  
North Carolina Pesticide Board  
1090 Mail Service Center, Raleigh, NC 27699-1090

# North Carolina Pesticide Board Meetings

## January 13, 2009

Special Deputy to the Attorney General Anne Brown presented settlement agreements for the Board's consideration and approval.

The Board considered proposed Revisions to 2 NCAC 9L.1002 and .1402, and to adopt 2 NCAC 9L.1807, to implement the Requirements of Senate Bill 847; "Prevent Agricultural Pesticide Exposure".

A Public Hearing was opened for comments to the proposed Revisions to 2 NCAC 9L .1901, and to adopt 2 NCAC 9L .0810 and .1914 to bring N.C.'s rules on Bulk Distribution of Pesticides and Pesticide Storage into compliance with the U.S. EPA's final rules titled "Pesticide Management and Disposal; Standards for Pesticide Containers and Containment".

The Board moved to approve the Revisions to 2 NCAC 9L .1901, and adopt 2 NCAC 9L .0810 and .1914.

## February 17, 2009

Deliberations continued – NCDA&CS, SPC&PD v. Jeffrey Oxley (IR05-22).

## February 19, 2009

Deliberations continued – NCDA&CS, SPC&PD v. Jeffrey Oxley (IR05-22).

## March 10, 2009

The Board addressed the Final Agency Decision and Order - NCDA&CS, SPCAP v. Jeffrey Oxley that was signed on Friday, March 6, 2009, by Dr. Langley. The motion was ratified.

The Board considered the resignation of Dr. Alan York from the Pesticide Advisory Committee (PAC). Dr. York recommended that the Board consider appointing Dr. David Jordan to the PAC.

The Board considered the early re-instatement of an aerial pesticide applicator's suspended license. The Board denied the request.

Special Deputy to the Attorney General Anne Brown presented settlement agreements for the Board's consideration and approval.

## May 12, 2009

The Board presented former Board Chairman, Scott Whitford and former Vice-Chairman, Charles Keels with Recognition of Service plaques. A Recognition of Service certificate for former Pesticide Advisory Committee Chairman, Dr. Alan York, who was unable to attend the meeting, was also presented.

Dr. Johnny Wynne, Dean, NCSU nominated Dr. David Jordan, Crop Science Department, NCSU, to the Pesticide Advisory Committee. The Board approved the nomination.

The Board moved and carried the motion to reconsider and readopt revisions to 2 NCAC 9L .2200 – Interim Protection Measures for the Carolina Heelsplitter Mussel, with a delayed effective date of March 1, 2010.

The Board heard public comment from Mr. Patrick Riley. Mr. Riley asked the Board to remove the product FluPro® from the N.C. marketplace. The Board requested Dr. Robert Bruss, NCDA&CS to contact the registrant of the product and the U.S. Environmental Protection Agency for information on the product and to present the information to the Board at its July meeting.

Special Deputy to the Attorney General Anne Brown presented settlement agreements for the Board's consideration and approval.

## July 14, 2009

Dr. Robert Bruss, NCDA&CS, presented information on the product FluPro® and the chemical naphthalene as requested by the Board at the previous meeting, including his contact with U.S. EPA and the product registrant, Chemtura Corporation. Mr. Patrick Riley presented comments to the Board concerning naphthalene. After consideration, the Board determined that additional action was not warranted concerning the registration status of FluPro® in North Carolina.

Special Deputy to the Attorney General Anne Brown presented settlement agreements for the Board's consideration and approval.

## September 8, 2009

Ms. Catherine LePrevost, North Carolina State University, presented to the Board an update on the Pesticide Environmental Trust Fund (PETF) project: Pesticides and Farmworker Health: A Toolkit to Enhance Pesticide Safety Training for Hispanic/Latino Workers. Ms. LePrevost gave a brief overview of the materials that are used in this training process.

Assistant Attorney General Barry Bloch presented settlement agreements for the Board's consideration and approval.

## November 10, 2009

Dr. Wayne Buhler, NCSU, presented a final report on a Pesticide Environmental Trust Fund (PETF) project: Aerial Pesticide Applicator Fly-in Workshop – Aviation S.A.F.E. System. Dr. Buhler gave a brief overview of how the workshop was conducted and highlights of the workshop events.

Assistant Attorney General Barry Bloch presented settlement agreements for the Board's consideration and approval.

# The North Carolina Pesticide Advisory Committee

The North Carolina Pesticide Law of 1971 §143-436 establishes a twenty-member Pesticide Advisory Committee to advise the N.C. Pesticide Board on technical questions and on the development of rules and regulations. Members of the Advisory Committee represent different sectors of the regulated public. Members of the Committee serve at the pleasure of the Board.

## MEMBERS OF THE N.C. PESTICIDE ADVISORY COMMITTEE, 2009

### Three practicing farmers

\***Mr. Dan McConnell**, 475 Old Dana Road, Hendersonville, NC 28792 (Tel. 828/692-2819)

\***Mr. Marshall W. Grant**, Route 1, Box 66, Garysburg, NC 27831 (Tel. 919/537-5111 home)

\***Mr. Darryl K. Corriher**, 1475 Corriher Springs Road, China Grove, NC 28023 (Tel. 704/857-6557 home)

### One conservationist (at large)

\***Mr. John Paul Lilly**, 312 Hampton Drive, Plymouth, NC 27962 (Tel. 252/793-2088 home)

### One ecologist (at large)

\*\***Dr. Johnny Randall**, Assistant Director for Conservation, NC Botanical Garden,  
CB 3375, UNC-CH, Chapel Hill, NC 27599  
(Tel. 919/962-0522)

### One representative of the pesticide industry

\***Dr. Stewart Sherrick**, 4774 River Farm Road, Rocky Mount, NC 27803 (Tel. 252/442-8374)

### One representative of agri-business (at large)

\*\***Mr. William M. McLawhorn**, PO Box 370, Cove City, NC 28523 (Tel. 252/514-2416 home)

### One local health director

\*\***Mr. Phillip E. Tarte**, MHA, Union County Health Dept.,  
1224 W. Roosevelt Blvd., Monroe, NC 28110  
(Tel. 704/296-4801 office)

### Three members of the North Carolina State University (NCSU) College of Agriculture & Life Sciences, at least one of which shall be from the area of wildlife or biology

\***Dr. Clyde E. Sorenson**, Associate Professor, Dept. of Entomology, NCSU,  
Box 7630, Raleigh, NC 27695-7630  
(Tel. 919/515-8427 office)

\***Dr. Rick Bradenburg**, Professor & Extension Entomology, Dept. of Entomology, NCSU,  
Box 7613, Raleigh, NC 27695-7613  
(Tel. 919/515-8876 office)

\***Dr. Alan C. York**, Extension Specialist & Professor, Dept. of Crop Science, NCSU,  
Box 7620, Raleigh, NC 27695-7620  
(Tel. 919/515-5643 office)

### One member representing the North Carolina Department of Agriculture & Consumer Services (NCDA&CS); one member representing the North Carolina Department of Environment & Natural Resources (NCDE&NR); the State Health Director or his designee

\***Mr. James W. Burnette, Jr.**, Pesticide Administrator, Structural Pest Control & Pesticides Div., NCDA&CS,  
1090 Mail Service Center, Raleigh, NC 27699-1090  
(Tel. 919/733-3556 office) james.burnette@ncagr.gov

\***Mr. Ted Bush**, Division of Water Quality, NCDE&NR,  
1636 Mail Service Center, Raleigh, NC 27699-1636  
(Tel. 919/715-6172 office) ted.bush@ncmail.net

\***Dr. Mina W. Shehee**, Division of Public Health, Dept. of Health & Human Services,  
2622 Meronies Church Road, Bear Creek, NC 27207  
(Tel. 919/837-5148) mina.shehee@ncmail.net

### One representative of a public utility or railroad company which uses pesticides

\***Mr. Jimmy Brown**, Energy United,  
PO Box 1831, Statesville, NC 28687  
(Tel. 704/924-2143) jimmy.brown@energyunited.com

One representative of the Board of Transportation

**\*Mr. Don Lee**, NC Dept. of Transportation, Roadside Environmental Unit,  
1557 Mail Service Center, Raleigh, NC 27699-1557  
(Tel. 919/733-2520 office) dlee@dot.state.nc.us

One member of the North Carolina Agricultural Aviation Association

**\*Mr. Harold Thompson**, Air Ag, Inc.,  
PO Box 36, Tarboro, NC 27886  
(Tel. 252/823-5374 office) Harold@airag.com

One member of the general public (at large)

**\*Ms. Wanda P. Winslow**,  
288 Kenilworth Road, Asheville, NC 28803  
(Tel. 828/252-5734 home)

One member actively engaged in forest pest management

**\*Mr. Coleman A. Doggett**,  
217 Rosecommon Way, Cary, NC 27511  
(Tel. 919/467-0551 home) ncdoget@mindspring.com

One member representing the Division of Waste Management of the North Carolina Department of Environment and Natural Resources

**\*Mr. Ted Cashion**, Division of Solid Waste Management, NCDE&NR,  
1101 Bayfield Drive, Raleigh, NC 27606  
(Tel. 919/859-1709) ted.cashion@ncmail.net

\*Agency appointments

\*\*Appointed by Board

Chairman, Dr. Alan C. York

Vice-Chairman, Marshall W. Grant

Secretary, James W. Burnette, Jr., 1090 Mail Service Center, Raleigh, NC 27699-1090

# PESTICIDE ENVIRONMENTAL TRUST FUND

Throughout 2009, the North Carolina Department of Agriculture & Consumer Services (NCDA&CS) continued to fulfill the mandate of N.C. General Statutes §143-442 and §143-468 which specify the collection and disposition of environmental assessment fees that pesticide manufacturers and distributors pay when they register pesticide products for sale in North Carolina.

## **RECEIPTS for 2009**

NCDA&CS collected \$ 492,225.00 in environmental assessment fees from the registration of approximately 13,973 pesticide brands during 2009. Fifty-six percent of the receipts were for products with reported annual North Carolina gross sales of less than \$5,000, and forty-four percent of the receipts were for products with annual sales of \$5,000 or more. (The annual environmental assessment/product is \$25 or \$50 per brand, respectively.)

## **BALANCES for 2009**

Initial receipts from pesticide registrants paying PETF assessments are deposited into the NCDA&CS Pesticide Environment Assessment Fund (PEAF, Account No. 6136). Transfers are made from Account No. 6136 according to North Carolina G.S. § 143-468(b) as follows: 25% to agromedicine and 75% to the Pesticide Environmental Trust Fund (PETF, Account No. 6137), the account which is used by NCDA&CS to sponsor the various pesticide environmental programs summarized in this report.

As of December 31, 2009 there was a balance of \$ 226,152.53 in Account No. 6136 and a balance of \$ 419,235.40 in Account No. 6137. The total amount in both accounts as of December 31, 2009 was \$ 645,387.93.

## **EXPENDITURES FOR 2009**

During 2009, NCDA&CS expended a total of \$ 652,869.21 from Account Nos. 6136 and 6137.

As specified in North Carolina G.S. § 143-468(b), PETF funds were distributed to North Carolina State University (NCSU), NC A&T State University and East Carolina University for operational expenses associated with administering and implementing a statewide agromedicine program; each university received 2.5% of the total PETF receipts collected during the calendar year. Twenty-percent of the total PETF receipts were used to support the agromedicine information specialist position in NCSU's Environmental & Molecular Toxicology Department. The aggregate amount of PETF funds spent on agromedicine during 2009 was \$ 137,292.92.

No funds from the PETF were awarded to support local recycling of plastic pesticide containers during 2009.

## **CUMULATIVE PETF FIGURES (1993-2009)**

As of December 31, 2009, a total of \$ 6,793,508.06 in receipts has been collected since the inception of the PETF.

Since 1993, PETF has provided a total of \$ 1,741,389.16 for support of agromedicine in North Carolina.

Expenditures for pesticide environmental programs between 1995 and 2009 have totaled \$ 4,914,126.93.

# **Pesticide Environmental Trust Fund (PETF) Project Summaries**

## **Pesticides and Farmworkers Health: A Toolkit to Enhance Pesticide Safety Training for Hispanic/Latino Workers**

Dr. W. Gregory Cope, Julia A. Storm et al, NC State University Dept of Environmental & Molecular Toxicology - a three year project to enhance farmworker safety training by developing a toolkit that includes crop sheets, lesson plans for trainers, and references to other sources. Project begins early 2008.

## **Aerial Pesticide Applicator Fly-in Workshop – Aviation S.A.F.E. System**

NC Agricultural Aviation Association and WRK Arkansas Country Air Estates 1AR9 – a two day fly-in with intensive training for aerial applicators of pesticides and other crop protection chemicals. Aerial granular and spray droplet pattern tests with computer based analyses provided applicators hands on training relative to deposition uniformity and efficacy improvement techniques.

## **Pesticide Disposal Assistance Program**

The North Carolina Pesticide Disposal Assistance Program, created by the North Carolina Department of Agriculture & Consumer Services, provides the public a legal, free-of-charge, environmentally acceptable mechanism to dispose of unwanted or unusable pesticides. The Pesticide Disposal Program is a public service stewardship program contained within the Structural Pest Control and Pesticides Division.

The Pesticide Disposal Assistance Program disposes of pesticides collected at designated single day disposal collection sites and at permanent household hazardous waste collection sites across the North Carolina. In 2009, the Pesticide Disposal Assistance Program supervised the collection and disposal of 121,690 pounds of pesticide waste. A total of 38 single day disposal events were organized by NCDA&CS during 2009. NCDA&CS also assisted 27 counties in disposal of pesticides collected at permanent household hazardous waste (HHW) sites. A participant must notify the Pesticide Disposal Assistance Program prior to taking unwanted pesticides to a HHW site.

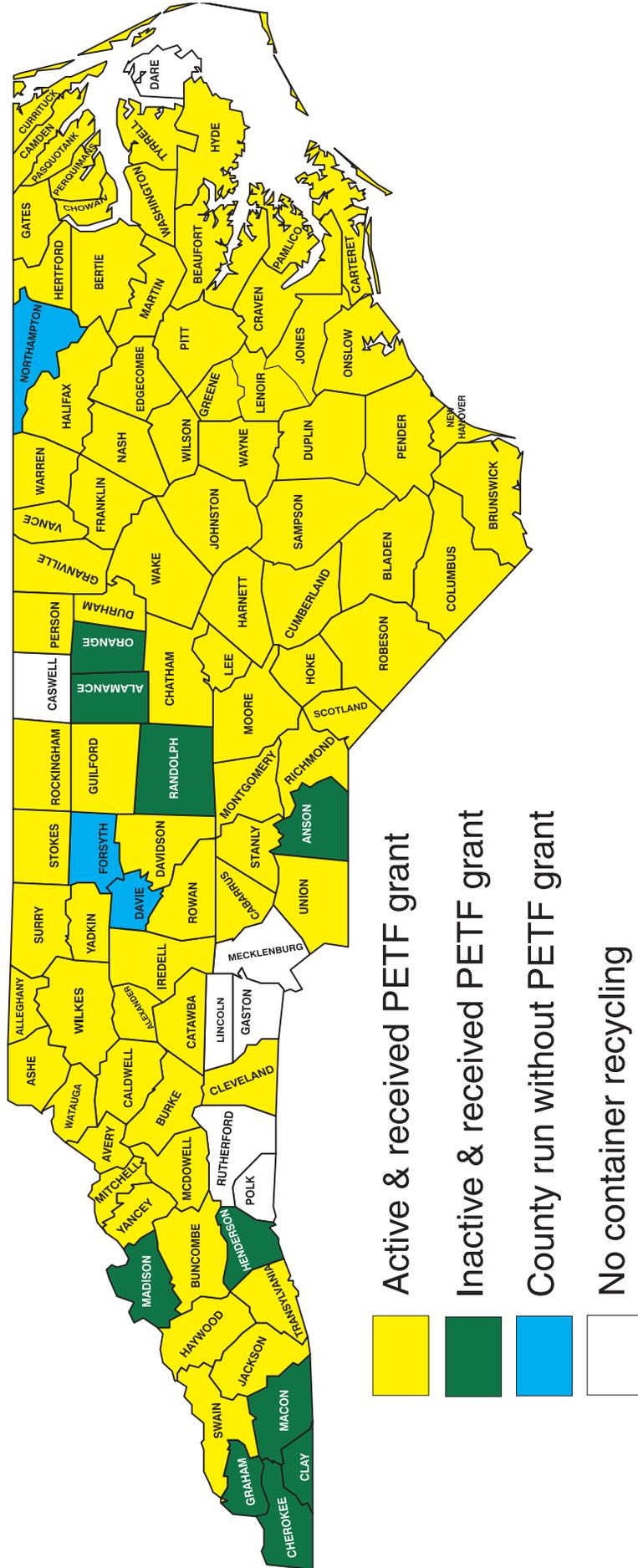
## **Pesticide Container Recycling**

Farmers and commercial pesticide applicators participated in the recycling of plastic pesticide containers by transporting their empties to collection sites that were established by county agencies. USAg Recycling, Inc., the ACRC approved recycler in North Carolina, reported that 285,120 pounds of plastic were recycled for 2008. Eighty-three counties had plastic pesticide container recycling programs during the year.

Pesticide Inspector IIs visited recycling sites across the state to check on the cleanliness of pesticide containers being stored for recycling and to verify how previously awarded PETF grant money had been spent.

During the past year at farm shows, fairs, and other events, the Pesticide Section distributed pencils and calibration cups to promote the recycling of plastic pesticide containers. These items were also distributed to local pesticide container recycling programs. Also, some counties received the following ACRC training videos on container recycling: Inspecting Used Pesticide Containers for Recycling and Pesticide Residue Removal for Plastic Containers. An educational brochure, Recycling Works, was given to many counties for distribution to farmers and commercial pesticide applicators.

# Summary of 2009 Container Recycling Activities



## DEFINITIONS ADOPTED

Table I lists the analytical results of formulation samples based on the following:

**“PASSED”** - signifies that all active ingredients were found to be present at acceptable levels based on the label guarantee.

**“Failed Due to Deficient Active Ingredient”** – signifies that one or more active ingredients fell significantly below the guarantee. Such products are placed under “Stop Sale Order” and are removed from the market place.

**“Failed Due to Excessive Active Ingredient”** - indicates a significant excess of one or more active ingredients. Since such formulations could be harmful to the user and/or result in excessive residues, these products are placed under “Stop Sale Orders” and are removed from the market place.

Table II lists the analytical results of microbiological samples based on the following:

**“PASSED”** - indicates that the product was effective in killing the specific microorganisms guaranteed by the product label.

**“Failed”** - indicates that the product was ineffective in killing the specific microorganisms guaranteed by the product label or that bacterial contamination of the product was found.

Table III lists manufacturers that had products placed under “Stop Sale Orders” due to the following:

**“Unregistered”** - signifies that the product was not registered at the time it was found by a pesticide inspector in the marketplace. Any such product is required to be registered prior to release from a “Stop Sale Order.” A delinquent registration penalty is also assessed against the manufacturer.

**“Misbranded”** - indicates that the labeling of a pesticide product failed to conform to federal and/or state requirements.

**Table I - Analytical Results of Formulation  
Samples Collected During 2009**

Name and Address of Company	SAMPLES		
	Passed	Deficient Active Ingredient	Excessive Active Ingredient
Drexel Chemical Company Memphis, TN .....	-	2	-

There were no other samples collected during 2009

**Table II - Analytical Results of Microbiological  
Samples Collected During 2009**

Name and Address of Company	SAMPLES	
	Passed	Failed
Betco Corporation Toledo, OH.....	10	5
Cello Professional Products Havre de Grace, MD.....	-	2
Clorox Professional Products Company, The Pleasanton, CA .....	1	-
DolgenCorp, Inc. Silver Spring, MD .....	1	-
Floors and Courts, Inc. Kinston, NC .....	-	2
Franklin Cleaning Technology Great Bend, KS .....	1	1
Handi-Clean Products, Inc. Greensboro, NC .....	1	4
Hillyard Industries St. Joseph, MO.....	4	-
Hy-Speed Cleaning Products Company Castle Hayne, NC.....	-	1
Image Supply Inc. Lumberton, NC.....	-	3
KIK International / Delta Analytical Silver Spring, MDI .....	1	-
Midlab Incorporated Sweetwater, TN .....	1	-
National Chemical Laboratories Inc. Philadelphia, PA .....	2	2
Reckitt Benckiser Inc. Parsippany, NJ.....	1	-
Saffelle, Inc. Hillsborough, NC .....	1	-
Spic and Span Company, The Irvington, NY .....	1	-
Wepak Corporation Charlotte, NC.....	-	2

**Table III - Manufacturers Found to Have Unregistered or Misbranded Products in the Marketplace During 2009**

Name and Address of Company	SAMPLES	
	Unregistered	Misbranded
Adams Veterinary Research Laboratories, Inc. Miami, FL 33197.....	1	-
Aero Chemical Company Atlanta, GA 30321.....	1	-
Agrevo Environmental Health Montvale, NJ 07645.....	1	-
Agriliance LLC (Winfield Solutions, LLC) St. Paul, MN 55164.....	1	-
Agrisel USA, Inc. Atlanta, GA 30350.....	2	-
Airex Laboratories Folcroft, PA 19032.....	1	-
Alden Leeds, Inc. S. Kearny, NJ 07032.....	1	-
Alliance Packaging, Inc. Covington, LA 70433.....	1	-
American Homehealth, Inc. St. Petersburg, FL 33701.....	1	-
Ameri-Kleen Corp. Alpharetta, GA 30022.....	1	-
Amrep, Inc. Marietta, GA 30062.....	1	-
Arch Chemicals, Inc. Atlanta, GA 30328.....	1	-
Asepsis Guardex Pool Products Suwanee, GA 30024.....	1	-
Avecia, Inc. Wilmington, DE 19803.....	1	-
Betco Corporation Toledo, OH 43607.....	1	-
BioDefend Camden, AL 36726.....	1	-
Biogenic Safety Brands, Inc. Franklin, TN 37067.....	1	-
Boss Pet Products, Inc. Brunswick, OH 44212.....	3	-
Bullen Companies, The Folcroft, PA 19032.....	1	-
Cain & Able Collection Austin, TX 78745.....	6	-
Canberra Corporation Toledo, OH 43615.....	1	-
Cape Fear Chemicals, Inc. Elizabethtown, NC 28337.....	1	-
Cardinal Laboratories, Inc. Alpharetta, GA 30022.....	1	-
ChemDVM St. Louis, MO 63114.....	1	-
Cornerstone Ag Products Gainesville, TX 76241.....	1	-
Diatect International Herber, UT 84032.....	2	-
DolgenCorp, Inc. Goodlettsville, TN 37072.....	1	-
Dr. Earth Company Los Angeles, CA 90058.....	2	-
DVM Pharmaceuticals, Inc. Miami, FL 33169.....	2	-
Eaton & Company, Inc., JT Hillsboro, MO 63050.....	1	-
Eco-Blends, Inc. Corrina, ME 04928.....	1	-

**Table III - Manufacturers Found to Have Unregistered or Misbranded Products in the Marketplace During 2009**

Name and Address of Company	SAMPLES	
	Unregistered	Misbranded
EES, Inc. Cartersville, GA 30120 .....	1	-
EF Products, Inc. Kaufman, TX 75142.....	1	-
Emerson Electric Co., Builder Products Div. Hazelwood, MO 63042.....	1	-
Empire Distribution Stuart, FL 34997 .....	2	-
EnviroCare Corporation Wilmington, MA 01887 .....	1	-
Equinature Products By Body Kneads Northbridge, MA 02534 .....	1	-
Eqyss Grooming Products, Inc. Carlsbad, CA 92013 .....	2	-
Espreo Animal Products, Inc. Washington, DC 20001 .....	1	-
Evergreen Research Encinatas, CA 92023.....	2	-
Far East Brokers and Consultants, Inc. Jacksonville, FL 32216 .....	3	3
Finish Line Horse Products, Inc. Bensenville, IL 60106 .....	3	-
Fly Free Zone, Inc. Santa Monica, CA 90402 .....	1	-
Fox Pool Corporation York, PA 17402 .....	2	-
Generic True Products N. Myrtle Beach, SC 29582 .....	1	-
Girvan, Inc. St. Augustine, FL 32092 .....	1	-
Grant Labs/Reg By Design Salem, VA 24153.....	2	-
Green Sweep Household Products Maumee, OH 43537 .....	1	-
Grotek, Inc. Alhambra, CA 91803 .....	1	-
HACCO, Inc. Randolph, WI 53956.....	1	-
HCR Atlanta, GA 30321 .....	1	-
Homs, LLC Clayton, NC 27520 .....	3	-
Imagebright Long Island, NY.....	1	-
IMS Trading, LLC Los Angeles, CA 90036.....	1	-
Industrial Paper Products, Inc. Burlington, NC 27216 .....	2	-
Jeffers Dothan, AL 36301 .....	1	-
John Paul Pet Boca Raton, FL 33487 .....	1	-
K & K Chemical Company Royse City, TX 75189 .....	1	-
Kathy Santo Everyday Pets Mahwah, NJ 07495 .....	1	-
KC Chemicals, Inc. Travelers Rest, SC 29690.....	1	-
Kenco Chemicals & Manufacturing Corporation Jacksonville, FL 32236 .....	1	-
King Research, Inc. Milwaukee, WI 53209 .....	1	-

**Table III - Manufacturers Found to Have Unregistered or Misbranded Products in the Marketplace During 2009**

Name and Address of Company	SAMPLES	
	Unregistered	Misbranded
Kiss My Face Corporation Gardiner, NY 12525.....	5	-
Lafe's Natural and Organic Austin, TX 78753.....	1	-
Laklin Labs, Inc. Cederhurst, NY.....	1	-
Lamplight Farms, Inc. Menomonee Falls, WI 53051.....	1	-
Lebanon Seaboard Corporation Lebanon, PA 17042.....	2	-
Lynwood Laboratories, Inc. Needham, MA 02492.....	4	-
Mere's One More Time, Inc. Ocala, FL 34470.....	3	-
Merial Australia Pty LTD Pauramatta, NSW 2150.....	1	1
Murata Corporation Alpharetta, GA 30022.....	1	-
MVP Group International, Inc. Charleston, SC 29492.....	3	-
N. Jonas & Co., Inc. Bensalem, PA 19020.....	1	-
National Chemical Laboratories, Inc. Philadelphia, PA 19123.....	1	-
Natural Animal Health, Inc. St. Augustine, FL 32085.....	1	-
Natural Chemistry, Inc. Norwalk, CT 06854.....	1	-
Natural Pest Solution, Inc. Danbury, CT 06810.....	2	-
NAVA Water Products Charleston, WV 25303.....	3	-
New Mountain Company, Inc. Las Vegas, NV 89193.....	1	-
Now Foods Bloomington, IL 60108.....	1	-
P.F. Harris Manufacturing Company Alpharetta, GA 30009.....	1	-
Pace International LLC Seattle, WA 98104.....	1	-
Perfectly Natural Solutions, Inc. Ontario, Canada L4B-4R7.....	1	-
Pet Select Hauppauge, NY 11788.....	1	-
Pharmaka GmbH & Company KG Essen, Germany.....	1	-
PIC Corporation Linden, NJ 07036.....	1	-
Premier Pet Products, LLC Midlothian, VA 23113.....	1	-
Pro Products Mahopac, NY 10541.....	1	-
Quest Chemical Corporation Houston, TX 77041.....	5	-
R & R Group, LLC Granite Bay, CA 95746.....	2	-
Regal Chemical Company Alpharetta, GA 30004.....	1	-
Regwest Company Greeley, CO 80631.....	1	-
Repellex C/O ASG Consult Port Moody, BC, Canada V3H 427.....	1	-

**Table III - Manufacturers Found to Have Unregistered or Misbranded Products in the Marketplace During 2009**

Name and Address of Company	SAMPLES	
	Unregistered	Misbranded
Rigo Company Buckner, KY 40010.....	2	-
Rite Aid Corporation Harrisburg, PA 17105 .....	1	-
Robinson Outdoors, Inc. Cannon Falls, MN 55009.....	1	-
Rockland Corporation West Caldwell, NJ 07006 .....	1	-
Rode-Trol, LLC Visalia, CA 93292.....	1	-
S.C. Johnson & Son, Inc. Racine, WI 53403.....	1	-
Safeguard Chemical Corporation Bronx, NY 10454.....	10	-
Safer Incorporated / Woodstream Company Lititz, PA 17543.....	1	-
Sani-Care Salon Products, Inc. Lilburn, GA 30047 .....	1	-
Scent Shop Garland, TX 75041 .....	1	-
Scotts Company, The Marysville, OH 43041 .....	5	-
Shake Away Hamden, CT 06518.....	1	-
Smith & Jones Distributing Company W. Columbia, SC 29170 .....	1	-
Spargo Enterprises, Inc. Gastonia, NC 28056.....	1	-
Straight Arrow Products Lehigh Valley, PA 18002 .....	1	-
Swiss Farms Products, Inc. Las Vegas, NV 89169.....	1	-
Synergy Labs Ft. Lauderdale, FL 33316 .....	4	-
Termarid LLC Suffolk, VA 23434 .....	1	-
Transnational Services & Operations, LLC Huntington, NY 11743 .....	1	-
United Laboratories, Inc. St. Charles, IL 60174.....	1	-
Universal Diatoms, Inc. Albuquerque, NM 87125.....	1	-
Value Garden Supply LLC Bloomington, MN 55431.....	1	-
Value Smart Products Suwanee, GA 30024 .....	2	-
Vitamin Institute North Hollywood, CA 91605.....	1	1
Wellmark International Schaumburg, IL 60173 .....	1	-
Wipe-eeze USA Atlanta, GA 30030.....	1	-
Woolfolk Chemical Works, Inc. Fort Valley, GA 31030.....	1	-

**Summary of 2009  
Program Activities Performed  
Under the N. C. Pesticide Law of 1971**

**PESTICIDE REGISTRATIONS**

Total Number of Registrants .....	1,404
Registrants from North Carolina.....	112
Pesticide Products Registered.....	13,973
Section 24(c) Registrations .....	43
Section 18 Exemptions.....	5
Product Registration Checks .....	9,565

**COMPLIANCE MONITORING**

Inspections .....	12,246
Worker Protection .....	544
USDA.....	155
Investigations.....	86
Citizen's Inquiries.....	130

Physical Samples Submitted for Analyses

Formulation .....	0
Disinfectants.....	47
Investigation .....	225
Domestic Wells.....	15

**REGULATORY ACTIONS**

Stop-Sale, Stop Use, Removal Orders.....	181
License or Certification Suspensions .....	0
License Revocations.....	0
Civil Penalties .....	40
Notices of Noncompliance.....	286
Notices of Warning .....	23
Delinquent Registration Penalties.....	\$ 13,600.00

**COURSES APPROVED**

Number of courses .....	1,395
Number of credits issued.....	3,192

**EXAMINATIONS**

Exams Administered.....	6,205
-------------------------	-------

**LICENSED APPLICATORS**

Pesticide Dealer Licenses .....	604
Ground Pesticide Applicator Licenses.....	9,502
Aerial Pesticide Applicator Licenses.....	100
Public Operator Licenses .....	4,572
Pest Control Consultant Licenses.....	75
Total Pesticide Licenses.....	14,853

**CERTIFIED APPLICATORS**

Private Pesticide (Active) Applicators .....	16,684
--	--------

**PESTICIDE ENVIRONMENTAL TRUST FUND**

Active Projects .....	2
Disbursements.....	\$ 652,869.21
Agromedicine .....	137,292.92
Container Recycling .....	00
Other Environmental Projects .....	\$ 107,899.00

**PLASTIC PESTICIDE CONTAINER RECYCLING**

Number of Counties with active programs.....	76
Total weight collected.....	306,312

**PESTICIDE DISPOSAL ASSISTANCE PROGRAM**

Containers .....	6,718
Drums .....	50
Pounds .....	121,690

**OUTREACH**

Fairs and/or Trade Shows .....	12
Presentations at Recertification Classes.....	259