



Pesticide Report for 2012

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
Pesticide Board and Pesticide Advisory Committee.....	8
Pesticide Environmental Trust Fund.....	13
Pesticide Container Recycling and Disposal Assistance Programs	16
Definitions Adopted	18
Table I - Analytical Results of Formulation Samples Collected in 2012.....	19
Table II - Analytical Results of Microbiological Samples Collected in 2012.	23
Table III – Manufacturers Found to Have Unregistered or Misbranded Products in the Marketplace during 2012	24
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 Fredda Johnson, Processing Assistant III's; Margaret D. Broome, Office Assistant IV; Jackie Robertson and Laura L. Stover, Processing Assistant IV's; Jamie Frye, Administrative Secretary II; Jan L. Culbreth, Information Processing Technician; Tamora Hester, Information Processing Manager; Shannon Joyner, Administrative Officer II; J. Patrick Jones, Deputy Pesticide Administrator; L. Lee Davis, Registration Manager; Kay Harris, Renee Woody, Licensing, Certification & Outreach Manager; John Allran, 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 Specialist; Jagathi Kamalakanthan, Guido Hommelsheim and John E. Feagans, Pesticide Registration Specialists; J. Cam McDonald, Jr. and Amadou M. Jallow; Certification Specialists; N. Patrick Farquhar, and Dwight E. Seal, District Managers; Charles L. Clark, Steven F. Gatton, Phillip Sykes, Thomas C. Bowman, Jr., Forrest Sue Egelston, W. Barry Dunn, Drew Long, and Paul H. Ward, III, Pesticide Inspector II's; Douglas Bullard, Brandon Cawthorn, Aaron Brown, Jimmy S. Merritt, Eddie Nunn, Randy Oliver, Travis Snodgrass, Charlie Jones, R. Steve Taylor, and Chris Hassell, Pesticide Inspector I's; Food and Drug Protection Division – Daniel L. Ragan, 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; Tim Bollinger Chemist II; R. Vern Park, Chemist I; David Mitchell, 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 2012 fulfills this mandate. Considerable time and effort have gone into editing and organizing this 2012 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 2012 is given.

Pesticide Environmental Trust Fund

In this section, a summary of the Pesticide Environmental Trust Fund's financial transactions for 2012 is presented. Balances, receipts, expenditures, refunds, cumulative (1993-2012) figures and project summaries are given.

Pesticide Container Recycling and Disposal Assistance Programs

This section summarizes the amount of plastic pesticide containers recycled during 2012 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 2012.

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 \$10 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 \$75. 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 \$75 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 \$75 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 \$75. 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.

Handling, Storage, and Disposal of Pesticides

Registration

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.

Registration Fee and Delinquent Penalty

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.

Pesticide Environmental Trust Fund Assessment

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

Refusal or Cancellation of Registration

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."

"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.

Civil Penalties

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.

Other Penalties

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.

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

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, 2012

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 10, 2012

The Board considered approval of the N.C. Private Applicator Recertification Program, 2012-2014, which was submitted by Dr. Wayne Buhler, NCSU. On behalf of Dr. Buhler, Mr. Burnette informed the Board on additional materials that will be included in the 2012-2014 recertification program. Materials submitted to the Board for approval included "When a Pesticide Doesn't Work", calibration exercise/demonstration for backpack sprayers, and a presentation on herbicide carry-over. The Board approved the recertification program for private pesticide applicators as prepared by Dr. Buhler.

Mr. Jeff Poupart from N.C. Division of water Quality (NCDWQ) gave an update on the National Pollutant Discharge Elimination System (NPDES) Pesticide General Permit. The update covered the permitting process, potential fines for noncompliance, industry concerns, pending federal legislation, and use patterns that are covered by the permit and others not covered.

Mr. Dwight Seal, NCDA&CS gave a PETF final report on the Inspection Data Management Systems. The report included an overview of the old versus the new system and Mr. Travis Snodgrass, Pesticide Inspector, demonstrated how the Mi-Forms database is used in a field setting. During the presentation, Mr. Seal asked for \$20,000.00 in additional funding from PETF and stated that USDA will be granting an additional \$15,000.00. The proposed \$20,000.00 funding was approved.

Ms. Mary Rockers, N.C. Farmworker Health Program gave a final PETF report on the AMERICORPS SAFE Program. Ms. Rockers gave an overview of the program, its objectives and outcomes, and provided a budget and expense summary.

Dr. Langley informed the Board that an interim PETF report on Novel Insecticide Susceptibility Bioassay Based on Sugar was in the Board Packet.

Dr. Greg Cope, NCSU gave a brief PETF report on the Pesticides and Farmworkers Health Toolkit, a full report was included in the Board packet. Dr. Cope also laid out plans for 2012.

NCDA&CS staff members and Food and Drug Protection Division staff gave an update on the Microbiology Sampling Program for the Pesticide Section. Ms. Jennifer Almond, NCDA&CS cited laws that are followed in the disinfectant sampling program, and explained the steps taken by inspectors from collecting the sample through issuing notices. Ms. Jessica Dyer, FDPD, gave a brief overview of test parameters and testing protocol. And Mr. Patrick Jones, NCDA&CS reviewed how a Micro Enforcement case was developed/conducted in the current system versus how it will be developed under the revised micro program. Following discussion, the Board asked Mr. Barry Bloch, Assistant Attorney General, how changes to N.C.G.S. 150B-18 might impact the proposed Microbiology Sampling Program Enforcement Policy.

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

March 13, 2012

Mr. Barry Bloch, Assistant Attorney General, responded to the Board how changes to N.C.G.S. 150B-18 might impact the proposed Microbiology Sampling Program Enforcement Policy. Mr. Bloch described the Division's micro-sampling policy, enforcement policy, and Board's role. The Board informally requested advice regarding this issue from Mr. Bloch.

A PETF proposal was presented to the Board by Dr. Henry Wade, NCDA&CS, requesting additional funding for the Plastic Pesticide Container Recycling Program for 2012. The proposed \$60,000.00 funding was approved.

The Board considered a written request by Mr. David L. Pool, In-House Counsel for Drexel Chemical Co., to reverse the Board's order approving a Settlement Agreement from 2010 (IR09-81). The Board denied the request for reversal.

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

July 10, 2012

Mr. Barry Bloch, Assistant Attorney General, responded to the Board's request as to whether it is necessary to write a rule to establish a proposed laboratory standard for the Division's microbiology/disinfectant efficacy testing program. Mr. Bloch requested that the Board table this until the next Board meeting.

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

The Board conducted a Formal Hearing (IR2011-20 and 46). After hearing testimony, reviewing supporting documents and discussion of the two cases, the Board accepted as presented four violations. After discussion in an open session, the Board approved a total penalty of \$8,000.00 for the violations. Mr. Bloch will draft a Proposed Order for the Board's review and approval.

North Carolina Pesticide Board Meetings (cont.)

August 7, 2012 (Conference Call)

The Board considered the Proposed Order for File Number IR2011-20 and File number IR2011-46. The Board accepted the Proposed Order.

November 13, 2012

Ms. Catherine LePrevost, NCSU Department of Environmental Toxicology, presented the Final Report for Rolling Out the Pesticides and Farmworker Health Toolkit Across North Carolina.

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, 2012

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) dg0@charter.net

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

One conservationist (at large)

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

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) jrandall@email.unc.edu

One representative of the pesticide industry

***Dr. Stewart Sherrick**, 4774 River Farm Road, Rocky Mount, NC 27803
(Tel. 252/442-8374) stewart.l.sherrick@monsanto.com

One representative of agri-business (at large)

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

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) phillptarte@co.union.nc.us

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) clyde_sorenson@ncsu.edu

***Dr. Rick Brandenburg**, Professor & Extension Entomology, Dept. of Entomology, NCSU, Box 7613, Raleigh, NC 27695-7613 (Tel. 919/515-8876 office) rick_brandenburg@ncsu.edu

***Dr. David Jordan**, Peanut Specialist, Dept. of Crop Science, NCSU, Box 7620, Raleigh, NC 27695-7620
(Tel. 919/515-4068 office) david_jordan@ncsu.edu

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@ncdenr.gov

***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)

***Mr. Warren A. Davis**, 7320 Valley Lake Drive, Raleigh, NC 27612 (Tel. 919/848-1051)

PESTICIDE ENVIRONMENTAL TRUST FUND

Throughout 2012, 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 2012

NCDA&CS collected \$406,367.87 in environmental assessment fees from the registration of approximately 14,576 pesticide brands during 2012. Fifty percent of the receipts were for products with reported annual North Carolina gross sales of less than \$5,000, and fifty 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 2012

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, 2012 there was a balance of \$136,112.51 in Account No. 6136 and a balance of \$214,841.08 in Account No. 6137. The total amount in both accounts as of December 31, 2012 was \$350,953.59.

EXPENDITURES FOR 2012

During 2012, NCDA&CS accrued a total of \$406,367.87 from pesticide product registration fees.

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 2012 was \$154,139.55.

Funds from the PETF totaling \$60,000.00 were awarded to support local recycling of plastic pesticide containers during 2012.

CUMULATIVE PETF FIGURES (1993-2012)

As of December 31, 2012, a total of \$8,202,806.73 in receipts has been collected since the inception of the PETF.

Since 1993, PETF has provided a total of \$2,180,712.89 for support of agromedicine in North Carolina.

Expenditures for pesticide environmental programs between 1995 and 2012 have totaled \$6,055,912.44

Summary of Pesticide Environmental Trust Fund Projects for 2012

N.C. Farmworker Health Program; AMERICORPS SAFE Program in N.C. (NC SAFE), (\$20,000.00) [2011]

Elizabeth Freeman NC Farmworker Health Program, NC Department of Health and Human Services, principal investigator, - a project to reduce pesticide exposure through training, education, and outreach. The program objectives are to increase the number of bilingual Worker Protection Standard trainers providing pesticide education, increase the number of people within the farmworker community who receive training and education on pesticide safety, expand partnerships and collaborations with individuals and agencies to raise awareness, promote trainings, assist with education efforts, and/or expand reach to migrant and seasonal farmworker communities, and improve the quality and delivery of training and education efforts by incorporating NC specific information and using a variety of creative teaching strategies.

Rolling Out the Pesticides and Farmworker Health Toolkit (\$19,999.00) [2011]

A continuation of the PETF funded Pesticides and Farmworker Health Toolkit, Julia Storm, et al, NCSU, which presents crop specific pesticide safety information for Latino farmworkers in highly visual and engaging ways to meet the current educational needs of the target population. In order to meet the demands for training pesticide educators across the state in the toolkit materials and associated pesticide safety concepts, a facilitator and workshops to “train-the-trainer” are being funded. This project was completed in July, 2012.

Online Training of Healthcare Providers on Pesticide Related Illness and Health Issues (\$20,000.00) [2011]

A web-based course for pesticide illness and health issues, designed to meet the “National Pesticide Practice Skills Guidelines for Medical and Nursing Practice” and be guided by the Environmental Protection Agency’s handbook “Recognition and Management of Pesticide Poisonings”.

Risk Mitigation Measures Cost Share (\$20,000.00) [2011]

A project to provide cost-share funding for medical clearance, fit testing, training, and respirators for 200 additional farmers or farmworkers at a rate not to exceed \$100.00 per individual. Training on selection, use, and care of respirators will be provided at no cost to individuals. A no-cost extension was granted for this project on March 15, 2012 to extend the project’s duration through June 1, 2013.

Novel Insecticide Susceptibility Bioassay Based on Sugar Feeding by Mosquitoes (\$21,880.00) [2011]

A project to monitor the susceptibility of insecticide resistance in adult mosquito populations. A no-cost extension was granted for this project on March 2, 2012 to extend the project’s duration through June 1, 2013.

Inspection Data Management Systems (Phase III) (\$20,000.00) [2012]

Phase III of a project for the North Carolina Department of Agriculture and Consumer Services, Structural Pest Control and Pesticides Division to manage pesticide inspection data electronically.

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 2012, the Pesticide Disposal Assistance Program supervised the collection and disposal of 143,004 pounds of pesticide waste at a total of 95 collection events. A total of 40 single day disposal events were organized by NCDA&CS with NC Cooperative Extension during 2012. NCDA&CS also assisted 30 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 Report for PETF in 2012

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 for North Carolina, reported that 496,024 pounds of plastic were recycled in 2012. This amount of plastic set a new record for North Carolina, which ranked fifth in the nation in recycling plastic pesticide containers and has recycled over 5.48 million pounds since 1995. Sixty-six counties had plastic pesticide container recycling programs during the year that use USAg Recycling, Inc. to recycle these containers that are used to make industrial type products.

Pesticide Environmental Trust Fund grants were awarded to the following 10 counties: Bladen, Cabarrus, Chowan, Dare, Harnett, Johnston, Northampton, Rockingham, Rowan, and Washington. The cumulative amount was \$47,461. The grant funds were used to purchase 20-foot and 40-foot cargo containers, 55-foot trailers, treated posts, instructional signs, metal shelters, chain-link fences, plastic bags, gloves, and pressure rinse nozzles.

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 to promote the recycling of plastic pesticide containers. Pesticide Inspectors gave pressure rinse nozzles and plastic calibration cups to farmers. 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 on recycling and the ACRC Inspection Checklist were given to counties for distribution to farmers and commercial pesticide applicators.

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 2012**

Name and Address of Company	SAMPLES		
	Passed	Deficient Active Ingredient	Excessive Active Ingredient
Agrisel USA, Inc. Brookfield, CT.....	2	-	-
Albaugh Inc. Cordova, TN.....	1	-	-
Alden Leeds, Inc. South Kearny, NJ.....	1	-	-
Alliance Trading, Inc. Covington, LA.....	1	-	-
Ambrands Salem, VA.....	11	-	-
Amvac Chemical Corporation Newport Beach, CA.....	2	-	-
Andersons Lawn Fertilizer Maumee, OH.....	4	-	-
Applied Biochemists Atlanta, GA.....	1	-	-
Arch Chemicals, Inc. Atlanta, GA.....	2	-	-
Arysta Life Science NA Cary, NC.....	2	-	-
Bacon Products Company Chattanooga, TN.....	2	-	-
BASF Corporation Research Triangle Park, NC.....	10	-	-
Bayer Advanced, LLC Research Triangle Park, NC.....	15	-	-
Bayer Crop Science LP Research Triangle Park, NC.....	8	-	-
Bayer Environmental Sciences Research Triangle Park, NC.....	5	-	-
Bayer Healthcare, LLC Animal Shawnee Mission, KS.....	1	-	-
Bengal Products, Inc. Baton Rouge, LA.....	3	-	-
Bonide Products Inc. Oriskany, NY.....	55	1	-
C. J. Martin Company Pasadena, TX.....	-	2	-
Cape Fear Chemicals Elizabethtown, NC.....	9	3	-
Chase Products Company Maywood, IL.....	1	-	-
Cheminova, Inc. Arlington, VA.....	1	-	-
Chemsico, Division of United Industries St. Louis, MO.....	7	-	-
Church & Dwight Co., Inc. Princeton, NJ.....	1	-	-
Cleary Chemical Corporation Dayton, NJ.....	3	-	-
Combat Insect Control Systems Washington, DC.....	3	-	-
Control Solutions Inc. Pasadena, TX.....	24	-	-
Copper Brite Inc. Santa Barbara, CA.....	2	-	-
Dip "N Grow, Inc. Clackamas, OR.....	-	2	-
Direct Ag Source, LLC. Clovis, CA.....	1	-	-
Diversified Pool Products Spartanburg, SC.....	2	-	-

**Table I - Analytical Results of Formulation
Samples Collected During 2012**

Name and Address of Company	SAMPLES		
	Passed	Deficient Active Ingredient	Excessive Active Ingredient
Dow Agrosiences, LLC Indianapolis, IN.....	9	-	-
Drexel Chemical Company Memphis, TN.....	7	-	-
Du Pont de Nemours and Company, E.I. Wilmington, DE.....	4	-	-
Durvet Inc. Blue Springs, MO.....	1	-	-
Farm Saver.com, LLC Collierville, TN.....	1	-	-
Farnam Companies Inc. Phoenix, AZ.....	14	-	-
FMC Corporation/Agricultural Products Philadelphia, PA.....	6	-	-
GLB Pool & Spa Atlanta, GA.....	1	-	-
Gro Tec, Inc. Covington, GA.....	1	-	-
Halosource, Inc Bothell, WA.....	1	-	-
Happy Jack, Inc. Snow Hill, NC.....	3	-	-
Hartz Mountain Corporation Secaucus, NJ.....	3	-	-
HBC Chemical, Inc. Monroe Township, NJ.....	2	-	-
Helena Chemical Company Collierville, TN.....	3	-	-
Kay Chemical Company St. Paul, MN.....	2	-	-
King Technology, Inc. Hopkins, MN.....	1	-	-
KMG-Bernuth, Inc. Houston, TX.....	3	-	-
Lawn and Garden Products Fallon, NV.....	1	-	-
Leisure Time Atlanta, GA.....	1	-	-
Lesco, Inc. Cleveland, OH.....	3	-	-
Loveland Industries Inc. Greeley, CO.....	18	-	-
LPM Manufacturing, Inc Phoenix, AZ.....	1	-	-
Luxembourg-Pamol, Inc. Memphis, TN.....	1	-	-
Maid Brands, Inc. Greely, CO.....	2	-	-
Makhteshim-Agan of North America, Inc. Collierville, TN.....	3	-	-
Mars Fishcare North America Columbia City, IN.....	2	-	-
Miracle-Gro Lawn Products Marysville, OH.....	3	-	-
Monsanto Agricultural Company St. Louis, MO.....	11	-	-
Nisus Corporation Rockford, TN.....	1	-	-
Nufarm Inc. Cary, NC.....	7	-	-
Old Bridge Chemicals, Inc Old Bridge, NJ.....	1	-	-

**Table I - Analytical Results of Formulation
Samples Collected During 2012**

Name and Address of Company	SAMPLES		
	Passed	Deficient Active Ingredient	Excessive Active Ingredient
Ortho Group, The Columbus, OH.....	31	-	-
P.F. Harris Manufacturing Company, Inc. Alpharetta, GA.....	2	-	-
PBI/Gordon Corporation Kansas City, MO.....	29	-	-
PIC Corporation Voorhees, NJ.....	4	-	-
Prokoz, Inc. Alpharetta, GA.....	2	-	-
Ragan & Massey, Inc. Fallon, NV.....	1	-	-
Realex, Division of United Industries St. Louis, MO.....	1	-	-
Recreational Water Products Buford, GA.....	2	-	-
Rockwell Labs, Ltd. N. Kansas City, MO.....	2	-	-
S.C. Johnson & Son, Inc. Racine, WI.....	12	-	-
Select Source, LLC Hockessin, DE.....	1	-	-
Senoret Chemical Company Inc. St. Louis, MO.....	5	-	-
Sepro Corporation Carmel, IN.....	1	-	-
Sergeant's Pet Products, Inc. Omaha, NE.....	10	-	-
Southern Agricultural Insecticides Inc. Palmetto, FL.....	21	-	-
Southern States Cooperatives Inc. Richmond, VA.....	1	-	-
Speckoz, Inc. Alpharetta, GA.....	1	-	-
Spectrum Group, Division of United Industries St. Louis, MO.....	24	-	-
Star Horses Products/ Adam Tech Alpharetta, GA.....	2	-	-
Swiss Farms Products Inc. Las Vegas, NV.....	12	-	-
Syngenta Crop Protection Greensboro, NC.....	25	-	-
Tech Pac LLC Covington, GA.....	6	-	-
Tenkoz Inc. Alpharetta, GA.....	4	-	-
Tetra Holdings, Inc. Blacksburg, VA.....	1	-	-
Tide International USA Irvine, CA.....	1	-	-
Tradewinds, Inc. St. Joseph, MO.....	1	-	-
United Phosphorus, Inc. King of Prussia, PA.....	2	-	-
Universal Crop Protection Alliance, LLC Eagan, MN.....	4	-	-
Voluntary Purchasing Groups Inc. Bonham, TX.....	35	1	-
Walco-Linck Company Bedford Heights, OH.....	1	-	-
Wellmark International Schaumburg, IL.....	3	1	-

**Table I - Analytical Results of Formulation
Samples Collected During 2012**

Name and Address of Company	SAMPLES		
	Passed	Deficient Active Ingredient	Excessive Active Ingredient
Whitmire Micro-Gen Research St. Louis, MO.....	8	-	-
Willert Home Products, Inc St. Louis, MO.....	7	-	-
Woodstream Corporation Lititz, PA.....	1	-	-
WPC Brands, Inc. Bridgeton, MO.....	1	-	-
Zep Com Sales & Service Atlanta, GA.....	7	-	-

**Table II - Analytical Results of Microbiological
Samples Collected During 2012**

Name and Address of Company	SAMPLES	
	Passed	Failed
Betco Corporation Toledo, OH.....	2	1
Buckeye International, Inc. Maryland Heights, MO.....	-	1
Brulin & Company Indianapolis, IN.....	-	1
Franklin Cleaning Technology Great Bend, KS.....	2	-
Good Housekeeper Maintenance Supply, Inc. Thomasville, NC.....	2	-
Hy-Speed Cleaning Products, Inc. Castle Hayne, NC.....	2	-
Image Supply Inc. Lumberton, NC.....	-	1
National Chemical Laboratories Inc. Philadelphia, PA.....	4	-
Reckitt Benckiser Inc. Parsippany, NJ.....	-	1
Spartan Chemical Company, Inc. Maumee, OH.....	3	-
Wepak Corporation Charlotte, NC.....	-	1

Table III - Manufacturers Found to Have Unregistered or Misbranded Products in the Marketplace During 2012

Name and Address of Company	SAMPLES	
	Unregistered	Misbranded
Amrep Marietta, GA 30062	1	-
Ashley's Green Products Cleburne, TX 76031	1	-
Berlin Industries, Inc. North Lima, OH 44452	1	-
BioDefend Camden, AL 36726	1	-
Bobbex, Inc. Monroe, CT 06468	2	-
Bobbi Panter, LLC Chicago, IL 60654	2	2
Bonide Products, Inc. Oriskany, NY 13424	3	-
Bonus Crop Fertilizer, Inc. Greenville, TX 75403	2	-
Chemco Corporation Miami, FL 33014	1	-
Church & Dwight Co., Inc. Princeton, NJ 08543	1	-
DeBug Global, LLC Sugar Land, TX 77478	1	1
Dolgencorp, Inc. Goodlettsville, TN 37072	1	-
Dr. Earth, Inc. Winters, CA 95694	5	-
Dupont De Nemours Co., E.I. Wilmington, DE 19880	1	-
Enviro Protection Industries Co., Inc. Binghamton, NY 13904	1	-
Fasst Products, Inc. Rockville Centre, NY 11570	1	-
Five Star Chemical Company Commerce City, CO 80022	2	-
Franklin Cleaning Technology Great Bend, KS 67530	1	-
General Nutrition Corporation Pittsburgh, PA 15222	2	-
Gro-Tec, Inc. Madison, GA 30650	3	-
Hacco, Inc. Randolph, WI 53956	1	-
Harvard Chemical Research Atlanta, GA 30354	1	-
Helena Chemical Company Collierville, TN 38017	1	-
Hi-Yield Chemical Company Bonham, TX 75418	1	-
Homs, LLC Pittsboro, NC 27312	1	-
IPS-CareFree Enzymes Kansasville, WI 53139	1	-
Kiss My Face, LLC Gardiner, NY 12525	1	-
Misco Products Reading, PA 19605	4	-
Mosquitno, LLC Kansas City, MO 64132	2	-
Old Bridge Chemicals, Inc. Old Bridge, NJ 08857	1	-
Organic Laboratories, Inc. Stuart, FL 34997	1	-

Table III - Manufacturers Found to Have Unregistered or Misbranded Products in the Marketplace During 2012

Name and Address of Company	SAMPLES	
	Unregistered	Misbranded
Organic One, Inc. Altha, FL 32421	2	-
Ortho Group, The Marysville, OH 43040	1	-
Oster MCMinnville, TN 37110.....	1	-
Pacific Coast Distributing Phoenix, AZ 85027	2	-
PAR Proctor & Gamble Toronto, ON M5W IC5	1	-
Pathmark Stores, Inc. Carteret, NJ 07008.....	1	-
Pegasus International, Inc. Fort Washington, PA 19034.....	1	-
PIC Corporation Linden, NJ 07036	3	-
Pool Water Specialist Charlotte, NC 28215	1	-
Polar Equipment, Inc. Saratoga, CA 95070	1	-
Proctor & Gamble, Inc. Toronto, ON M5W IC5	1	-
RMB Group, LLC Stuart, FL 34997	2	-
Ross Manufacturing Company Kansas City, MO 64141	1	-
Rust-Oleum Corporation Vernon Hills, IL 60061.....	1	-
RXV Products Westlake, TX 76262	1	-
Safeguard Chemical Corporation Bronx, NY 10454.....	1	-
Schering-Plough Animal Health Corporation Kenilworth, NJ 07033	2	-
Scotts Company, The Marysville, OH 43041	1	-
Silk Road Oils, Inc. Leicester, MA 04524.....	1	1
Spectrum Group St. Louis, MO 63114	1	-
Synergy Labs Animal Health Ft. Lauderdale, FL 33316.....	1	-
Tanglefoot Company, The Grand Rapids, MI 49504	1	-
Tenkoz, Inc. Alphretta, GA 30005	1	-
Tops Pet Products Beverly, MA 01915.....	1	-
Totals Solutions Milwaukee, WI 53224	1	-
Tru Melange Edina, MN 55439.....	1	-
Voluntary Purchasing Groups, Inc. Bonham, TX 75418.....	2	-
Wipe-eeze, USA Atlanta, GA 30327	1	-
Wyndmere Naturals, Inc. Minnetonka, MN 55343.....	1	-
Zenex International Cleveland, OH 44146.....	2	-

**Summary of 2012
Program Activities Performed
Under the N. C. Pesticide Law of 1971**

PESTICIDE REGISTRATIONS

Total Number of Registrants.....	1,464
Registrants from North Carolina.....	123
Pesticide Products Registered.....	14,576
Section 24(c) Registrations.....	52
Section 18 Exemptions.....	5
Product Registration Checks.....	13,638

COMPLIANCE MONITORING

Inspections.....	8,952
Worker Protection.....	343
USDA.....	153
Investigations.....	104
Citizen's Inquiries.....	112

Physical Samples Submitted for Analyses

Formulation.....	578
Disinfectants.....	21
Investigation.....	208
Domestic Wells.....	19

REGULATORY ACTIONS

Stop-Sale, Stop Use, Removal Orders.....	218
License or Certification Suspensions.....	0
License Revocations.....	2
Civil Penalties.....	45
Notices of Noncompliance.....	189
Notices of Warning.....	17
Delinquent Registration Penalties.....	\$ 9,200.00

Courses Approved

Number of courses.....	1,291
Number of credits issued.....	2,628.50

EXAMINATIONS

Exams Administered.....	5,571
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LICENSED APPLICATORS

Pesticide Dealer Licenses.....	574
Ground Pesticide Applicator Licenses.....	9,242
Aerial Pesticide Applicator Licenses.....	162
Public Operator Licenses.....	4,141
Pest Control Consultant Licenses.....	94
Total Pesticide Licenses.....	14,213

CERTIFIED APPLICATORS

Private Pesticide (Active) Applicators.....	16,272
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PESTICIDE ENVIRONMENTAL TRUST FUND

Active Projects	7
Disbursements	\$ 473,126.76
Agromedicine	154,139.55
Container Recycling	60,000.00
Other Environmental Projects	\$ 258,987.21
Plastic Pesticide Container Recycling.....	66
Total weight collected	496,024

PESTICIDE DISPOSAL ASSISTANCE PROGRAM

Containers.....	8,525
Drums	30
Pounds	143,004
Collection Events.....	95

OUTREACH

Fairs and/or Trade Shows.....	16
Presentations at Recertification Classes.....	214