



Pesticide Report for 2023

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



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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:

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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 2023* fulfills this mandate. Considerable time and effort have gone into editing and organizing this 2023 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

This section presents a brief description of the duties and composition of the North Carolina Pesticide Board. In addition, a brief summary of each North Carolina Pesticide Board meeting held during 2023 is given.

Pesticide Environmental Trust Fund

In this section, a summary of the Pesticide Environmental Trust Fund's financial transactions for 2023 is presented. Balances, receipts, expenditures, refunds, cumulative (1993-2023) figures and project summaries are given.

Pesticide Container Recycling and Disposal Assistance Programs

This section summarizes the amount of plastic pesticide containers recycled during 2023 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 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 2023.

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, defoliants, 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 likewise 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 are 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 \$150.00 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 \$150.00 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. 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.

Private Applicator Certification Requirement

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.

Member of The North Carolina Pesticide Board, 2023

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

Mr. David Lipton, CIH, N.C. Department of Health and Human Services, 1912 Mail Service Center, Raleigh, NC, 276699-1601 (Tel. 919/707-5961) david.lipton@dhhs.nc.gov

Mr. Chris Johnson, WSS Chemistry Laboratory, NC DEQ-DWR/Water Science Section, 1623 Mail Service Center, Raleigh, NC 27699-1601 (Tel. 919/733-3908) chris.johnson@ncdenr.gov

A representative of the agricultural chemical industry.

Dr. Caydee Savinelli, Syngenta Crop Protection, Stewardship Team and Pollinator Lead, 410 South Swing Road, Greensboro, NC, 27409 (Tel. 336/209-0703) caydee.savinelli@syngenta.com

A person directly engaged in agricultural production.

* **Mrs. Gwendolyn B. Pitt**, 193 Pitt Farm Lane, Macclesfield, NC, 27852 (Tel. 252/813-1056) designgbp@aol.com

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

Ms. Carmen Mercedes Hernandez-Pelletier, 6030 Bacarra Lane, Apt. 106, Raleigh, NC, 27606, (Tel. 919/859-1187) benson.kirkman@att.net

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* Chairman

** Vice Chairman

Secretary, J. Patrick Jones

North Carolina Pesticide Board

1090 Mail Service Center, Raleigh, NC 27699-1090

North Carolina Pesticide Board Meetings

March 14, 2023

Dr. Kirkman read the Mandatory ethics inquiry, after which Ms. Pitt and Dr. Hudak-Wise recused themselves from voting on the settlements for which they could have known, or appearance of conflict of interest.

At this time, the newest Board member, David Lipton, was introduced. Mr. Lipton is replaced the seat previously held by Dr. Rick Langley

Considered the board Minutes from November 16, 2022.

Henry Weaver, SPC&PD, presented the Board with a funding request for the 2023 Plastic Pesticide Container Recycling Program in the amount of \$60,000.00. This was approved.

Patrick Jones, SPC&PD, presented on the Beekeeper and Pesticide Inspector Videos Project with the National Pesticide Safety Education Center.

Mr. Burnette read Mr., David Lipton's State of Economic Interest into the minutes.

Consideration of the proposed Settlement agreements, presented by Sam Gray filling in for Assistant Attorney general Chris McLennon

May 9, 2023

Dr. Kirkman read the Mandatory Ethics inquiry, after which Mr. Johnson indicated that he has a family member who works for Southern States, so he would recuse himself from voting on the settlement to avoid any appearance of conflict of interest.

Mr. Burnette asked for Board members willing to serve in either capacity to acknowledge to the Board which position you are interested in. The ballots were tallied and the new chair of the NC Pesticide Board is Ms. Gwen Pitt and the new Co-Chair of the NC Pesticide Board is Colleen Hudak-Wise.

Considered the Board Minutes from March 14, 2023.

Considered the proposed Settlement Agreements, presented by Assistant Attorney General Chris McLennan.

July 11, 2023

Ms. Pitt read the Mandatory Ethics Inquiry. There were no conflicts of interest.

Considered the Board Minutes from May 9, 2023.

John Feagans, SPC&PD, gave a presentation on the upcoming C&T changes that will be presented to the Board for review. Once the final changes are approved by the Board, they will be submitted to the Rules Review Committee for approval.

Considered the proposed Settlement Agreements, presented by Assistant Attorney General Chris McLennan.

September 12, 2023

Ms. Pitt read the mandatory ethics Inquiry Reminder. Dr. Hudak-Wise recused herself from settlement Agreement IR2022-007C.

Considered the board Minutes from July 11, 2023.

Considered the proposed Settlement Agreements, presented by Assistant Attorney General Chris McLennan.

John Feagans, SPC&PD, presented the Board with the C&T Regulation changes that will be sent to the Rules Review Committee after the Board approves the changes. There was discussion regarding the changes and suggested edits to be made before they are submitted to the Rules Review committee. The section will make the suggested changes.

November 14, 2023

Ms. Pitt read the Mandatory Ethics Inquiry. There were no conflicts of interest.

Mr. Jones introduced the Board's newest member, Dr. Caydee Savinelli. Then read her statement of Economic Interest into the minutes, Dr. Savinelli addressed the Board members and gave a brief overview of her background.

Considered the board Minutes from September 12, 2023.

Priscila Campos, SPC&PD, presented the board with the requested changes under the 02 NCAC 09L .0506. Changes were presented for the subsections .0506 (4) NC Forest Service and .0506 (6) County Board of Health and Municipal governments.

Henry Weaver, SPC&PD, presented the Board with a funding request for the 2024 Plastic Pesticide Container Recycling Program in the amount of \$60,000.00. This was approved.

Sara Lalk, Plant Industry Division, presented to the Board an exemption request for aerial application pesticides for the treatment of the Spongy Moth (2NCAD 09L.1001 Exemptions). Ms, Lalk gave a brief overview of the NC Spongy Moth Program and how treatments take place in the areas where the moth has been found. There was a discussion after Ms. Lalk's presentation. This was approved.

Dr. Wayne Buhler, NCSU, presented the 2024-2026 NC Private Pesticide Applicator Certification/Recertification Program curriculum to the Boards for approval. There was discussion after Dr. Buhler presentation. This was approved.

Assistant Attorney General Chris McLennan presented proposed settlement agreements for the Board's consideration and approval.

Pesticide Environmental Trust Fund

Throughout 2023, 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 2023

NCDA&CS collected \$501,100.00 in environmental assessment fees from the registration of approximately 14,988 pesticide brands during 2023. The receipts were for products with reported annual North Carolina gross sales of less than \$5,000 was equal to 49.55%, and the receipts were for products with annual sales of \$5,000 or more was equal to 50.45%. (The annual environmental assessment/product is \$25 or \$50 per brand, respectively.)

BALANCES for 2023

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.

EXPENDITURES FOR 2023

During 2023, NCDA&CS accrued a total of \$501,100.00 from pesticide product registration fees.

As specified in North Carolina G.S. § 143-468(b), PETF funds were distributed to North Carolina State University (NCSSU), 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 2023 was \$148,759.30.

Funds from the PETF totaling \$13,762.65 were awarded to support local recycling of plastic pesticide containers during 2023.

REFUNDS FOR 2023

The PETF was refunded a total of \$11,070.16 in unused funds from North Carolina State University from the *Development of a Protocol for UAV Inspection of Potential Spray Drift Crop Damage* project.

CUMULATIVE PETF FIGURES (1993-2023)

As of December 31, 2023, a total of \$12,945,632.00 in receipts has been collected since the inception of the PETF.

Since 1993, PETF has provided a total of \$3,748,014.31 for support of agromedicine in North Carolina.

Summary of Recent Pesticide Environmental Trust Fund Projects for 2023

Temporary Bilingual Specialist I Position (\$25,480.00) [2018-2024]

To meet the demands for bilingual translation needs across the North Carolina Department of Agriculture & Consumer Services, Structural Pest Control & Pesticides Division, a Temporary Bilingual Specialist I Position was created to translate licensing exams, worker protection standard information, brochures, and other outreach materials.

Pesticide Container Recycling Report for PETF in 2023

Farmers and commercial 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 461,737 pounds of plastic pesticide containers were recycled. Since 1995, which was the first year that Pesticide Environmental Trust Fund grants were awarded to counties for pesticide container recycling programs, over 11 million pounds of pesticide containers have been recycled. Seventy counties were participating in this recycling program during the year. The recycled plastic is sold by USAg Recycling, Inc. to companies that make industrial type products.

Pesticide Environmental Trust Fund grants were awarded to Randolph and Johnston counties. The total funding awarded to these counties was \$13,762.65. The grant funds were used to purchase 40-foot cargo containers, treated posts, container repairs, signs, and pressure rinse nozzles.

Pesticide Inspector IIs visited 187 recycling sites across the state to check on the cleanliness of pesticide containers being stored for recycling and discussed any problems with individuals involved in the inspection of the containers and the education of farmers, commercial applicators, and collection site staff. They gave farmers jet rinse nozzles to aid in the rinsing of empty containers and calibration cups to improve the accuracy of the amount of pesticides applied with sprayers.

These grants have enabled counties to create and enhance pesticide container recycling programs for farmers and commercial applicators, which reduces the burden on landfills, protects human health and the environment by reducing the threat of improper rinsing and disposal, and ensures the user is in compliance with state regulations that prohibit open dumping, burning, and water dumping of pesticide containers.

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 2023, the Pesticide Disposal Assistance Program supervised the collection and disposal of 181,025 pounds of pesticide waste at a total of 135 collection events. A total of 34 single day disposal events were organized by NCDA&CS with NC Cooperative Extension during 2021. NCDA&CS also assisted 35 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.

NORTH CAROLINA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES
 STRUCTURAL PEST CONTROL AND PESTICIDE DIVISION

***** PESTICIDE DISPOSAL ASSISTANCE PROGRAM (PDAP)*****

PDAP NOTEABLE ITEMS FOR 2023

2023 ANNUAL TOTALS

<u>SEASON</u>	<u># Collections</u>	<u># Containers*</u>	<u>Drum/MB</u>	<u>Pounds**</u>
SPRING 2023 TOTAL	52	2,263	9 / 7	80,089
FALL 2023 TOTAL	83	1,133	10 / 3	100,936
2023 TOTAL	135	6,510	19 / 10	181,025

*number of containers are not tallied at HHW Collection Events
 **bulk liquid drum weights, as an average, are included in total pounds

2023 PESTICIDE COLLECTIONS EVENTS

**NCDA&CS - PDAP with COOPERATIVE EXTENSION
SINGLE-DAY PESTICIDES ONLY EVENTS**

Alleghany Co	Franklin Co Site	Martin Co
Anson Co	Graham Co	McDowell Co
Avery Co Site	Halifax Co	Montgomery Co
Bladen Co	Haywood Co	Perquimans Co
Buncombe Co Site	Henderson Co	Person Co
Burke Co	Hoke Co	Pitt Co Site
Camden Co	Iredell Co	Stokes Co
Caswell Co	Jackson Co	Warren Co
Cherokee Co	Johnston Co Site	Washington Co
Choawn Co	Jones Co	Wilson Co
Clay Co	Lincoln Co	Yadkin Co
Edgecombe Co		

**NCDA&CS - PDAP ASSISTED
HHW COLLECTION EVENTS**

Alamance Co HHW	Dare Co HHW	Moore Co HHW
Alexander Co HHW	Davidson Co HHW	New Hanover Co HHW
Ashe Co HHW	Forsyth Co HHW	Onslow Co HHW
Avery Co HHW	Gaston Co HHW	Randolph Co HHW
Brunswick Co HHW	Granville Co HHW	Richmond Co HHW
Buncombe Co HHW	Harnett Co HHW	Rowan Co HHW

Cabarrus Co HHW	Henderson Co HHW	Sampson Co HHW
Caldwell Co HHW	Hertford Co HHW	Stanly Co HHW
Catawba Co HHW	Iredell Co HHW	Surry Co HHW
Cleveland Co HHW	Johnston Co HHW	Transylvania Co HHW
Cumberland Co HHW	Lee Co HHW	Watauga Co HHW
Currituck Co HHW	Madison Co HHW	

*MULTIPLES EVENTS AND VARIOUS OTHER COLLECTIONS NOT LISTED
ABOVE ARE INCLUDED IN THE TOTAL POUNDS LISTED*

Definitions Adopted

Table I 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-Manufacturers Found to Have Unregistered or Misbranded Products in the Marketplace During 2023

Name and Address of Company	SAMPLES	
	Unregistered	Misbranded
Aero Chemical CO Atlanta, GA.....	3	
Aero Chemicals CO Conyers, GA.....	2	-
Alliance Consumer Group Forth Worth, TX.....	1	-
Aspen Veterinary Resrouces, LTD Liberty, MO	1	-
Bugband INC Cartersville, GA.....	1	-
Deer Defeat Redhook, NY.....	1	1
Diversey, INC Fort Mill, SC.....	1	-
Dr. T's Nature Product, INC Pelham, GA.....	1	-
Durvet, INC Blue Springs, MO.....	1	1
Evergreen Research San Diego, CA.....	1	1
Four Elements herbals North Freedom, WI	1	1
Griot's Garage, INC Huntersville, NC	1	-
Gulfstream Home & Garden Covington, GA	1	-
Harris MFG CO PF. Cartersville, GA.....	-	-
HOMS LLC Pittsboro, NC.....	1	-
Milky Way INT'I Trading Columbia City	1	-
National Chemical Laboratories, INC Philadelphia, PA	2	-
Nature's Mace Blakely, PA.....	2	-
Pacific Coast Dsistributing, INC. Phoenix, AZ	1	1
Project Sudz Rahway, NJ	1	1

Table I-Manufacturers Found to Have Unregistered or Misbranded Products in the Marketplace During 2023

Name and Address of Company	SAMPLES	
	Unregistered	Misbranded
Purple Antimicrobial INC		
Hayward, CA.....	2	2
Radha Exports DTE LTD		
Singapore	-	1
Regal Chemical CO		
Alpharetta, GA	2	1
Remwood Products CO		
Tulsa, OK	-	1
Ridgeway Industries, INC		
Yeadon, PA	1	-
Royal Pet		
Santa Clarita, CA.....	1	-
Sakar International		
Edison, NJ	1	1
Sapphire Labs LLC		
Brentwood, CA	0	1
Syngenta		
Fort Lauderdale, FL.....	1	-
Waxman Industries		
Bedford Heights, OH	1	1

**Summary of 2023
Program Activities Performed
Under the N. C. Pesticide Law of 1971**

PESTICIDE REGISTRATIONS

Total Number of Registrants	1,871
Registrants from North Carolina	125
Pesticide Products Registered	16,013
Section 24(c) Registrations	50
Section 18 Exemptions	0
Product Registration Checks	261

COMPLIANCE MONITORING

Inspections	5,429
Worker Protection	390
Investigations	80
Citizen's Inquiries	101
Physical Samples Submitted for Analyses	
Formulation	214
Investigation	154
Domestic Wells	24

REGULATORY ACTIONS

Stop-Sale, Stop Use, Removal Orders	71
License or Certification Suspensions	2
License Revocations	0
Civil Penalties	19
Notices of Noncompliance	232
Notices of Warning	4
Delinquent Registration Penalties	\$ 2,000.00

COURSES APPROVED

Number of courses.....	1,600
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EXAMINATIONS

Exams Administered.....	7237
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LICENSED APPLICATORS

Pesticide Dealer Licenses	446
Ground Pesticide Applicator Licenses	9,202
Aerial Pesticide Applicator Licenses	130
Public Operator Licenses	3,953
Pest Control Consultant Licenses	90
Total Pesticide Licenses	13,821

CERTIFIED APPLICATORS

Private Pesticide Applicators	9,962
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PESTICIDE ENVIRONMENTAL TRUST FUND

Active Projects	1
Deposits	\$ 501,100.00
Disbursements	\$ 392,559.89
Agromedicine Program.....	148,759.30
Pesticide Disposal Assistance Program	167,008.50
Container Recycling Program	60,000.00
Other Environmental Projects	16,762.09

PLASTIC PESTICIDE CONTAINER RECYCLING

Number of Counties with active programs	70
Total weight collected (lbs)	461,737

PESTICIDE DISPOSAL ASSISTANCE PROGRAM

Containers	6,510
Drums	19
Pounds	181,025
Collection Events	135

OUTREACH

Fairs and/or Trade Shows	26
Presentations at Recertification Classes	209