



Pesticide Report for 2024

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

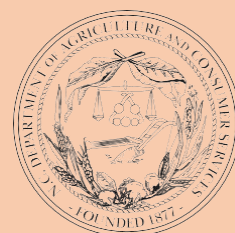


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Foreword

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 (1993-2024) 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 2024.

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

[Structural Pest Control and Pesticides - Pesticide Section | NC Agriculture](#)

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, 2024

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. Dianne Farrer, Seed and Fertilizer Program Administrator, Plant Industry Division, N. C. Department of Agriculture and Consumer Services, 1060 Mail Service Center, Raleigh, NC 27699-1040 (Tel. 919/707-3756) dianne.farrer@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

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

- * Chairman

Secretary, J. Patrick Jones
North Carolina Pesticide Board
1090 Mail Service Center, Raleigh, NC 27699-1090

North Carolina Pesticide Board Meetings

January 9, 2024

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

proceeded.

Consider the Board Minutes for September 12, 2023, Board Meeting

Pesticide Environmental Trust Fund, Proposal

Dr. Robin Tutor Marcom, NC Agromedicine Institute, presented the Board with a funding request for Respiratory Protection: Where are we now? Program in the amount of \$30,000.00. to continue to offset the cost of respirators/cartridges and to continue its respiratory protection education program. After a brief discussion, Ms. Pitt thanked Ms. Marcom for her presentation.

At this time, Ms. Pitt asked Dr. Wayne Buehler, NCSU, to address the Board. Dr. Buehler presented the members with the final version of the NC Private Pesticide Applicator Certification/Recertification Program, 2024 to 2026, for their future reference.

Ms. Pitt then asked Board member Dr. David Lipton to present the article he had found and wanted to present to the Board. The article is titled "Deja Vu, Why Are OSHA's Top Ten Citations Almost the Same?"

After discussion the Board moved on to the remaining agenda items.

Consider Settlement Agreements.

Mr. Jones advised the Board that EPA has sent out a new updated Bee Advisory, with instructions from Mr. McLennan to include a copy of the advisory in the official record. Mr. Jones will email the document to Board members. He also advised the Board that the division will be hosting a Pollinator Pesticide Inspector Regional Training course this year. Also, there is a signed contract with NPSEC to move forward with translation of the Bee Videos the division produced in 2023.

Mr. Jones gave the Board their next meeting date of March 12, 2024. He then introduced Henry Hamilton as the new Pesticide Specialist and Katie Willett as the new Budget/HR Officer.

July 9, 2024

Ms. Pitt called the meeting to order. Dr. Kirkman and Ms. Hernandez-Pelletier were not in attendance. Ms. Pitt read the mandatory Ethics Inquiry Reminder into the minutes. Hearing no conflicts, the meeting proceeded.

Consider the Board Minutes for the January 9, 2024, NC Pesticide Board Meeting

Ms. Pitt presented Dr. Hudak-Wise, with a plaque of Appreciation for her years of service to the NC Pesticide Board. Ms. Pitt thanked Dr. Hudak-Wise for her contributions and guidance to the Board in so many areas. Ms. Pitt then opened the floor for others to speak. Several remarks of appreciation from fellow

Mr. Jones introduced Dr. Dianne Farrer as the newest member of the NC Pesticide Board. He then read the Statement of Economic Interest Evaluation into the minutes for Dr. Farrer and Mr. Johnson. At this time, Dr. Farrer spoke to the Board members to tell them a little about herself and her background.

Private Applicator On-line vs. In-Person Training Discussion

Mr. Feagans opened a discussion with the Board regarding the Private Applicator recertification classes and the options for a license holder to take the recertification classes required to maintain credits for their license.

Dr. Buhler added that 101 County Extension Centers agree that it gets the license in a non-confrontational setting with Pesticide Section inspectors, who are present during the classes, for open discussions and interactions that would not happen in an On-Line setting. There are also several other factors, technology being one, that come into play when you are on-line.

After a brief discussion with the Board members, Mr. Feagans asked if the Board is good with keeping the recertification classes as they are now. Ms. Pitt asked the Board for a comment. The Board agrees that unless an issue comes up, resulting in more than one phone call, the classes should continue as they are.

Next, Mr. Feagans introduced the newest member to his staff, Charisma Dunston. He also acknowledged that Priscila Campos will be leaving the division to pursue her PhD at the University of Georgia.

Considered Settlement Agreements

Ms. Pitt asked Mr. Jones if he had any comments. Mr. Jones advised the Board that the C&T Rule changes are now *in* the state registry for comments, and they will come to the Board at the September meeting to request to move forward with the rule changes. He also gave updates on other items that the Pesticide Section is working on.

Mr. Farquhar introduced the new district field managers for his and Dwight Seal's previous positions. Travis Snodgrass is now the Western District Field Manager and Doug Bullard is now the Eastern District Field Manager.

September 10, 2024

Ms. Pitt called the meeting to order. Dr. Kirkman was not in attendance.

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

Consider the Board Minutes for the July 9, 2024, NC Pesticide Board Meeting

Mr. Feagans, SPC&PD, updated the Board on the C&T Regulation changes that were approved by the Board at the July 11, 2023, meeting. He advised the Board that the only portion that received public comment was the definition section for the wood treatment.

Ms. Pitt instructed the Board that the recommended changes need to be approved by the Board for the C&T Regulations to be sent to the Rules Review Committee for their review and approval.

Update on EPA's Endangered Species Protection Program Workplan Activities.

Ms. Dittman presented the Board with an overview of the changes and process that will be taking place with this program. After discussion, Ms. Pitt thanked Ms. Dittman for the update.

Consider Settlement Agreements

Ms. Pitt asked Mr. Jones if he had updates for the Board. Mr. Jones elaborated on the EPA Endangered Species Protection Program and the process going forward. Dr. Savinelli, also advise the Board that Syngenta will be conducting Paraquat trainings via Zoom and other online training in Spanish and English, that NPSEC has been holding.

Pesticide Environmental Trust Fund

Throughout 2024, 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 2024

NCDA&CS collected \$410,900.00 in environmental assessment fees from the registration of approximately 12,392 pesticide brands during 2024. The receipts were for products with reported annual North Carolina gross sales of less than \$5,000 was equal to 50.79%, and the receipts were for products with annual sales of \$5,000 or more was equal to 49.21%. (The annual environmental assessment/product is \$25 or \$50 per brand, respectively.)

BALANCES for 2024

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 2024

During 2024, NCDA&CS accrued a total of \$410,900.00 from pesticide product registration fees.

As specified in North Carolina G.S. § 143-468(b), PETF funds were distributed to North Carolina State University (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 2024 was \$146,194.11.

REFUNDS FOR 2024

There were no refunds in 2024.

CUMULATIVE PETF FIGURES (1993-2024)

As of December 31, 2024, a total of \$13,356,532.00 in receipts has been collected since the inception of the PETF. Since 1993, PETF has provided a total of \$3,894,208.42 for support of agromedicine in North Carolina.

Summary of Recent Pesticide Environmental Trust Fund Projects for 2024

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.

WPS Respiratory Protection Support (\$10,000) [2024-2026]

The WPS Respiratory Protection Support project seeks to assist agricultural establishments across the state comply with EPA Worker Protection Standard (WPS) mandates relative to respiratory protection. PETF funds are used to offset costs related to fit testing, as well as furthering the respiratory protection education program.

Pesticide Container Recycling Report for PETF in 2024

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. Ag Plastic Solutions, LLC and USAg, Inc., the ACRC approved recycling contactors for North Carolina, reported that 258,471 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 11.5 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 the recycling contractors to companies that make industrial type products.

Pesticide Inspector IIs visited 93 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.

Pesticide Disposal Assistance Program

The Pesticide Disposal Assistance Program (PDAP) is a non-regulatory, consumer services program of the Structural Pest Control and Pesticides Division. The goal of the Pesticide Disposal Assistance Program is to assist the citizens of North Carolina by managing and supervising the safe collection and lawful disposal of banned, outdated, or unwanted pesticides. Since its inception, the Pesticide Disposal Assistance Program has properly collected and disposed of over 5 million pounds of pesticides from North Carolina. **This calendar year, the Pesticide Disposal Assistance Program safely supervised over 150 collection events and managed the regulated disposal of 234,454 pounds of pesticides.** The Pesticide Disposal Assistance Program was the *first* program of its kind in the *nation* and was created as a stewardship program to provide a much-needed consumer service to North Carolina citizens. The Pesticide Disposal Assistance Program promotes a more safe and clean North Carolina environment by reducing the amount of pesticides that, without this program, could potentially contaminate groundwater, streams, and rivers across the state. The Department of Agriculture is proud to be a national leader with the Pesticide Disposal Assistance Program.

2024 Annual PDAP Report

CY 2024 is a NEW PROGRAM RECORD with OVER 234K Pounds Collected. Hurricane Helene hits NC Mountains (Sept 28) and PDAP follows with collections and pickups. This PDAP eclipses the 5 Million Total Pounds since the beginning in 1980.

2024 Season Totals	# Collections	# Containers*	Drum/MB	Pounds**
Spring Total	77	6,662	18/6	122,509
Fall Total	74	4,828	14/0	111,945
2024 Total	151	11,490	32/6	234,454

*Number of containers are not tallied at HHW

** MiniBulk weights and avg bulk liquid drum weights are included in total pounds

2024 Pesticide Collections Events

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

- Ashe Co.
- Beaufort Co.
- Bertie Co.
- Brunswick Co.
- Buncombe Co.
- Buncombe Co. Site
- Carteret Co.
- Chatham Co.
- Columbus Co.
- Cumberland Co.
- Davidson Co.
- Davie Co.
- Duplin Co.
- Durham Co.
- Franklin Co.
- Greene Co.
- Guildford Co.
- Hertford Co.
- Johnston Co. Site
- Lenoir Co.
- Macon Co.
- Mecklenburg Co.
- Moore Co.
- Nash Co.
- Orange Co.
- Pamlico Co.
- Pasquotank Co.
- Pender Co.
- Pitt Co.
- Polk Co.
- Robeson Co.
- Rockingham Co.
- Rutherford Co.
- Sampson Co.
- Scotland Co.
- Swain Co.
- Union Co.
- Vance Co.
- Wake Co.
- Wayne Co.
- Wilkes Co.
- Yancey Co.

NCDA&CS - PDAP ASSISTED HHW COLLECTION EVENTS

- Alamance Co. HHW
- Asheville Co. HHW
- Avery Co. HHW
- Beaufort Co. HHW
- Brunswick Co. HHW
- Buncombe Co. HHW
- Cabarrus Co. HHW
- Catawba Co. HHW
- Cleveland Co. HHW
- Cumberland Co. HHW
- Currituck Co. HHW
- Davidson Co. HHW
- Dare Co. HHW
- Forsyth Co. HHW
- Gaston Co. HHW
- Granville Co. HHW
- Harnett Co. HHW
- Henderson Co. HHW
- Herford Co. HHW
- Iredell Co. HHW
- Lee Co. HHW
- Moore Co. HHW
- New Hanover Co. HHW
- Onslow Co. HHW
- Person Co. HHW
- Randolph Co. HHW
- Richmond Co. HHW
- Rowan Co. HHW
- Stanly Co. HHW
- Surry Co. HHW
- Transylvania Co. HHW
- Watauga Co. HHW
- Wayne Co. HHW

MULIPLE 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 2024

Company Name	Location	Unregistered	Misbranded
AB7 AMERICAN INC.	SUNRISE, FL	1	0
ADAMA	RALEIGH, NC	1	0
AGROMAGEN, LLC	SHERIDAN, WY	1	0
BAYER HEALTHCARE LLC	MORRISON, NJ	1	0
BOXIECAT LLC	SANTA MONICA, CA	1	1
CHASE PRODUCTS CO	MAYWOOD, IL	0	0
CONTROL SOLUTIONS INC	PASADENA, TX	1	0
HEALTH EXTENSION PET CARE	HAUPPAUGE, NY	3	3
HEMPER	LAS VEGAS, NV	1	1
ITEMS-4-U	WOODSTOCK, MD	1	1
MAIA PRODUCTS, INC	WESTLAKE, CA	1	0
MAXTECH INNOCATIONS	WATERLOO, ONT, CA	1	0
NAT'L CHEMICAL LABORATORIES INC.	PHILADELPHIA, PA	1	0
NATURAL ENVIRON. SOLUTIONS	GARDNER, KS	0	0
NATURE'S MACE	BLAKELY, PA	4	0
NOBLE CHEMICAL	LANCASTER, PA	1	0
NXT GENERATION PET	NORWALK, CT	1	1
PARA'KITO USA CORP.	FT. LAUDERDALE, FL	2	0
PBI-GORDON COPORATION	SHAWNEE, KS	0	0
PETRATOOLS	CARLISLE, PA	1	0
PLATTE CLOVE NATURALS	ROUND TOP, NY	1	0
PURE AND NATURAL PET	NORWALK, CT	3	0
RECREATIONAL WATER PROD.	BUFORD, GA	0	0
REGAL CHEMICAL COMPANY	ALPHARETTA, GA	1	0
TGG DIRECT	CHERRY HILL, NJ	0	0
THE NATURAL REPELLENT CO	HERMOSA BEACH, CA	1	0
THE YELLOW BIRD	FUQUAY VARINA, NC	1	0
THISTLE FARMS, INC	NASHVILLE, TN	0	0
VET'S+BEST (MANNA PRO PRODUCTS)	CHESTERFIELD, MO	1	0
WISH ULTRA	EDISON, NJ	2	2
WOODSTREAM COROPORATOIN	LITITZ, PA	1	0

**Summary of 2024
Program Activities Performed
Under the N. C. Pesticide Law of 1971**

PESTICIDE REGISTRATIONS

Total Number of Registrants	1,854
Registrants from North Carolina	118
Pesticide Products Registered	15,870
Section 24(c) Registrations	51
Section 18 Exemptions	0
Product Registration Checks	244

COMPLIANCE MONITORING

Inspections	4,108
Worker Protection	296

Investigations	104
Citizen's Inquiries	121
Physical Samples Submitted for Analysis	
Formulation	192
Investigation	188
Domestic Wells	37

REGULATORY ACTIONS

Stop-Sale, Stop Use, Removal Orders	63
License or Certification Suspensions	0
License Revocations	0
Civil Penalties	27
Notices of Noncompliance	187
Notices of Warning	0
Delinquent Registration Penalties	\$2,400.00

COURSES

Number of Courses in 2024	1,755
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EXAMINATIONS

In Person Exams Given	5287
Exam Sessions	131
Online Exams given	110

LICENSED APPLICATORS

Pesticide Dealer Licenses	435
Ground Pesticide Applicator Licenses	9,444
Aerial Pesticide Applicator Licenses	208
Public Operator Licenses	3,940
Pest Control Consultant Licenses	93
Total Pesticide Licenses	14,120

CERTIFIED APPLICATORS

Private Pesticide Applicators	926
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PESTICIDE ENVIRONMENTAL TRUST FUND

Active Products	2
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Deposits	\$410,900.00
Disbursements	\$378,881.11
Agromedicine Program	\$146,194.11
Pesticide Disposal Program	\$197,207.00
Container Recycling Program	\$0.00
Other Environmental Projects	\$35,480.00

PLASTIC PESTICIDE CONTAINER RECYCLING

Counties with Active Programs	70
Total Weight Collected (lbs)	461,737

PESTICIDE DISPOSAL ASSISTANCE PROGRAM

Containers	8,348
Drums	22
Pounds	217,476
Collection Events	142

OUTREACH

Fairs and/or Tradeshows	24
Presentations at Recertification Classes	251