

For More Information

PESTICIDE SCHOOLS AND MATERIALS FOR CERTIFICATION AND RECERTIFICATION

CONTACT: Dr. Wayne Buhler, Dept. of Horticultural Science, Box 7609, NCSU, Raleigh, NC 27695. Phone (919) 515-3113

CERTIFICATION, LICENSING, AND RECERTIFICATION CREDITS OR TESTING

CONTACT: Mike Williams, Pesticide Section, NCDA&CS, 1090 Mail Service Center, Raleigh, NC 27699-1090. Phone (919) 733-3556

PRIVATE APPLICATOR RECERTIFICATION CLASSES

CONTACT: Pesticide Section Homepage www.ncagr.com/pesticide

COMMERCIAL APPLICATOR AND DEALER RECERTIFICATION CLASSES

CONTACT: Pesticide Section Homepage www.ncagr.com/pesticide

PESTICIDE CONTAINER RECYCLING

CONTACT: Henry Wade, Pesticide Section, NCDA&CS, 1090 Mail Service Center, Raleigh, NC 27699-1090. Phone (919) 733-3556

PESTICIDE WASTE DISPOSAL

CONTACT: Derrick Bell, Food and Drug Protection Division, NCDA&CS, 1090 Mail Service Center, Raleigh, NC 27699-1090. Phone (919) 733-7366 or (919) 715-9023.

Pesticide Section

North Carolina
Department of Agriculture & Consumer
Services
Food & Drug Protection Division
Pesticide Section
1090 Mail Service Center
Raleigh, NC 27699-1090
(919) 733-3556
FAX (919) 733-9796
<http://www.ncagr.com/pesticide>

Pesticide Update is a quarterly report of the Pesticide Section.



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PESTICIDE Update

Vol. XXIII - No. 1

Pesticide Section / Food & Drug Protection Division
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Summer 2005

Pesticide Environmental Trust Fund: 10 Years in Review

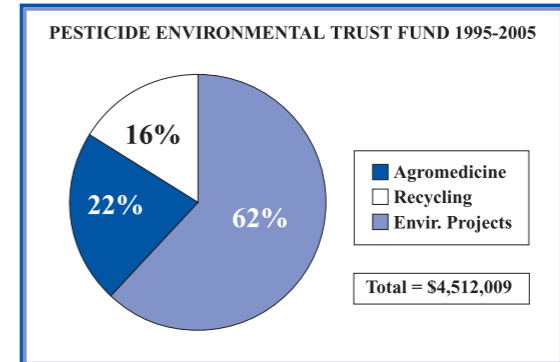
By Sharron Stewart, Deputy Pesticide Administrator

In July of 1993 the North Carolina General Assembly enacted legislation creating the Pesticide Environmental Trust Fund (PETF). The challenges faced by the North Carolina Department of Agriculture to implement programs being handed down from the federal level were more than the Pesticide Program's existing budget could afford. The conceptual planning for the fund originated with the North Carolina pesticide industry and gained support from many stakeholders. Collaboration by many interested parties resulted in the current structure of this fund in order to assure a consistent and effective pesticide management program within the state. Support for the fund came from state legislators, pesticide industry representatives, environmental groups, academia and agribusiness.

In North Carolina each pesticide product prior to being offered for sale, must be registered with Food and Drug Protection Division, Pesticide Section. Receipts collected from pesticide product registration fees paid by registrants finance the fund. The assessment to the company is based on the total sale of each pesticide product in the state. For sales totaling under \$5,000.00 a \$25 fee is assessed. For product sales totaling over \$5,000.00 a \$50 fee is assessed. Since 1995 the total contribution to the PETF by pesticide registrants has been over **\$4,500,000**.

The Pesticide Environmental Trust Fund has enabled the state to develop and implement agromedicine programs at North Carolina State University, East Carolina University and North Carolina Agricultural and Technical University. In addition, money has been used to implement a pesticide container recycling and disposal programs in many counties across the state. The funding for recycling has made our state one of the national leaders in reducing the number of plastic agricultural chemical containers buried in landfills. In addition to the agromedicine and recycling benefits, a very diverse group of environmental projects has received support from the fund over that last 10 years. The projects have included pesticide epidemiological studies, drift and use reduction studies, efforts to reduce ground/surface water contamination, various IPM programs, efforts to reduce children's poisonings and pesticide exposure reduction efforts for agricultural workers through outreach and education.

The Pesticide Environmental Trust Fund is a true success story demonstrating how collaborative efforts by different interest groups have achieved common goals by enhancing safer workplaces, improving environmental protection and utilizing scientific approaches to address pesticide management issues.



IPM Practices for Christmas Tree Growers and Their Hispanic Farmworkers

By Carmina Hanson, Bilingual Specialist



(L-R) Carmina Hanson, Robert Woodie look on as Brian Davis receives a PETF grant from Commissioner Steve Troxler for IPM training for Christmas tree workers.

Dr. Jill Sidebottom with NCSU Cooperative Extension Service and a group of Specialists developed and conducted a training program on scouting and Integrated Pest Management (IPM) practices for Christmas Tree Growers and their Hispanic farmworkers.

Christmas tree growers received a 4-hour training that included pest identification, discussion of pest control strategies revolving around the scouting schedule, and spray drift reduction management. The training also included increased scouting and better groundcover management.

The Christmas tree Hispanic farmworker training targeted year round and seasonal Hispanic workers in 5 Counties (Alleghany, Ashe, Avery, Watauga and Jackson). The five hour training was conducted in Spanish and consisted of three

(See IPM Practices)

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IPM Practices

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main sections: basics of IPM, hands on training in the field and pesticide safety. The IPM and field scouting topics were taught by Dr. Jim Hamilton (Alabama A&M) assisted by Bryan Davis (NCSU). These sections included discussion on Christmas tree pest and tree damage, scouting techniques, control measures and soil sampling techniques. The pesticide safety education section was presented by Carmina Hanson (NCDA&CS, Pesticide Section). This section was designed to give workers an overview of safety measures when working with pesticides, how to read a label and the appropriate use of personal protective equipment. Support materials for this training were developed and translated by Dr. Sidebottom and Dr. Hamilton with some assistance by Ms. Hanson.



Farmworkers learn insect training scouting techniques.

Sidebottom and Dr. Hamilton

Prudent Use of Soybean Rust Fungicides Recommended

Dr. Steven Koenning, Research Assistant Professor and Extension Specialist with the Department of Plant Pathology at NCSU

Soybean rust, a potentially devastating disease of soybeans, was first discovered in the continental United States last year in Louisiana. Shortly after this first detection, the disease was also confirmed in Alabama, Arkansas, Florida, Georgia, Mississippi, Missouri, South Carolina, and Tennessee. So far in 2005, soybean rust has been found in Florida and in the southwest corners of Georgia and Alabama.

Several fungicides have been approved for use against soybean rust. Some are to be applied prior to disease detection to help prevent disease development while others have some curative qualities, to help check the disease after it has already infected the plant. While it is the grower's decision as to when to begin application of these fungicides, the North Carolina Department of Agriculture and Consumer Services and the North Carolina Extension Service recommend that applications of the preventative products not begin until there is a reasonable threat of the disease in North Carolina.

Prudent use of these fungicides is important for several reasons. First, the number of applications that can legally be applied to soybeans is limited. Therefore, every application needs to count. Second, just like with any other pesticide, unnecessary use needlessly increases pesticide levels in the environment and can encourage resistance development; shortening the useful life of the product. Third, fungicides can be expensive.

There are several web sites devoted to providing soybean rust information. Topics such as disease tracking, scouting, identification, control options and contact information can be found at these sites. The information provided at these sites can help growers make informed decision regarding fungicide applications. Some useful soybean rust web sites include:

http://www.stopsoybeanrust.com/mc_home.asp
<http://www.sbrusa.net>
<http://www.usda.gov/soybeanrust>
http://www.epa.gov/oppfead1/cb/csb_page/updates/soybean_rust.htm
<http://www.ces.ncsu.edu/depts/pp/soybeanrust/index.php>

In addition to these web sites, growers can also obtain information from their local extension office and from extension personnel located at North Carolina State University. Dr. Steven Koenning, Research Assistant Professor and Extension Specialist with the Department of Plant Pathology at NCSU has been, and continues to be, greatly involved in scouting for this disease in North Carolina and providing growers guidance on how be prepared should it reach our state. Dr. Koenning can be reached by email at, stephen_koenning@ncsu.edu or by phone at 919-515-3905.

NCPB Actions

At the January through May 2005 meetings of the North Carolina Pesticide Board, the following settlement agreements, including license suspensions and monetary penalties totaling \$19,400.00 were approved for alleged violations of the NC Pesticide Law of 1971. Consent to the terms of the settlement agreements are made in order to timely resolve contested matters and shall not be constituted as an admission of guilt to any violations alleged.

William J. Oberli, Seville, Ohio, for the alleged violation(s) of using a pesticide in a manner inconsistent with its labeling by making a pesticide recommendation or application not in accordance with the registered label and for depositing a pesticide by aircraft on the right-of-way of a public road or within 25 feet of the road. As settlement, Mr. Oberli agreed to a two-month suspension of his aerial applicator license beginning January 11, 2005 through March 15, 2005 and to a monetary settlement of \$300.00.

Guy R. Delong, Durham, NC [Durham County], for the alleged violation(s) of using a pesticide in a manner inconsistent with its labeling by making a pesticide recommendation or application not in accordance with the registered label and for applying a pesticide under conditions that drift from pesticide(s) particles or vapors resulted in adverse effect. Mr. Delong agreed pay \$450.00 as settlement.

Scott A. Boxberger, Robbinsville, NC [Graham County], for the alleged violation(s) of purchasing a restricted-use-pesticide without a proper certification or license at the time of purchase; for failing to pay the original fee and applied pesticides without a license; for using a pesticide in a manner inconsistent with its registered label. Mr. Boxberger agreed to a four month suspension of his private certification beginning January 11, 2005 and to pay as settlement of \$200.00.

Dennis R. Wood, Hookerton, NC [Greene County], for the alleged violation(s) of disposing pesticides or pesticide containers in a manner that may cause injury to humans, vegetation, crops, livestock, wildlife, or to pollute any water supply or waterway, or in any manner contrary to the regulations of the Board; for failing to dispose of pesticide containers in accordance with labeling requirements, the adopted Rules of the NC Pesticide Law of 1971, the NC Commission for Health Services as set forth in 15A NCAC 13A, Hazardous Waste Management, and 13B Solid Waste Management as applicable and to the rules adopted by the NC Environmental Management Commission 15A NCAC 2D,

Continued on page 3

NCPB Actions (continued)

Air Pollution Control Requirements. Mr. Wood agreed to pay a settlement of \$400.00.

Barry L. Judge, Scotland Neck, NC [Halifax County], for the alleged violation(s) of using a pesticide in a manner inconsistent with its labeling; for making a pesticide application not in accordance with the label and for failing to pay the original or renewal license fee when due and continued to operate as an applicator or applied a pesticides without a license. Mr. Judge agreed to pay a settlement of \$300.00.

Kelley L. Phillips, Robbinsville, NC, [Graham County], for the alleged violation(s) of using a pesticide in a manner inconsistent with its label by making a restricted use pesticide available to a person other than a certified private applicator, a licensed pesticide applicator, a certified structural pest control applicator or licensee. Ms. Phillips agreed to pay \$500.00 as settlement.

Mitchell B. Balance, Fairfield, NC [Hyde County], for the alleged violation(s) of using a pesticide in a manner inconsistent with its label by making a pesticide recommendation or application not in accordance with the registered label; for operating in a faulty, careless, or negligent manner and for the improper disposal of a pesticide or pesticide container. Mr. Balance to pay as settlement \$600.00.

James E. Shrader, Scotland Neck, NC [Halifax County], for the alleged violation(s) of using a pesticide in a manner inconsistent with its label by making a restricted use pesticide available to a person other than a certified private applicator, a licensed pesticide applicator, a certified structural pest control applicator or licensee. Mr. Shrader agreed to pay a settlement of \$750.00.

Kurt L. Hoffer, Sunbury, NC, [Gates County], for the alleged violation(s) of using a pesticide in a manner inconsistent with its label by making a pesticide recommendation or application not in accordance with the registered label; for failing to provide or post specific information about pesticide applications and pesticide safety training to workers; and for failing to provide personal protective equipment and pesticide safety training to handlers. Mr. Hoffer agreed to pay a monetary settlement of \$500.00.

Mike Kriehauser, Micanopy, FL, for the alleged violation(s) of using a pesticide in a manner inconsistent with its label by making a pesticide recommendation or application not in accordance with the registered label; making false or fraudulent records, invoices, or reports; storing or disposing of containers or pesticides by means other than those prescribed on the labeling or

Regulations; failing to have a licensed applicator at each business location and applying pesticides under conditions that drift from pesticide(s) particles or vapors resulted in adverse effect. Mr. Kriehauser agreed to pay a monetary settlement of \$2,700.00.

W. Scott Chapman, Fayetteville, NC, [Cumberland County], for the alleged violation(s) of operating and acting in the capacity of a commercial pesticide applicator without a valid license and failed to pay the renewal license fee when due and continued acting as a commercial pesticide applicator. Mr. Chapman agreed to pay a monetary agreement of \$600.00 for the alleged violations of the Pesticide Law.

Ronald D. Wade, Morrisville, NC, [Wake County], for the alleged violation(s) of using a pesticide in a manner inconsistent with its labeling and applying a pesticide(s) under conditions that drift from pesticide particles or vapors resulted in adverse effect. Mr. Wade agreed to pay a monetary penalty of \$750.00.

Anthony E. Darden, Clinton, NC, [Sampson County], for the alleged violation(s) of using a pesticide in a manner inconsistent with its labeling. Mr. Darden agreed to pay a monetary penalty of \$700.00.

Danny L. Stancill, Ayden, NC, [Pitt County], for the alleged violation(s) of using a pesticide in a manner inconsistent with its labeling and applying a pesticide(s) under conditions that drift from pesticide particles or vapors resulted in adverse effect. Mr. Stancill agreed to pay a monetary penalty of \$450.00.

Charles R. Belch, Conway, NC, [Northampton County], for the alleged violation(s) of using a pesticide in a manner inconsistent with its labeling and applying a pesticide(s) under conditions that drift from pesticide particles or vapors resulted in adverse effect. Mr. Belch agreed to pay a monetary penalty of \$900.00.

Brandon R. Wiles, Lexington, SC, for the alleged violation(s) of using a pesticide in a manner inconsistent with its labeling and applying a pesticide(s) under conditions that drift from pesticide particles or vapors resulted in adverse effect. Mr. Wiles agreed to pay a monetary penalty of \$1,800.00.

Francis H. Shackelford, Jr., Hookerton, NC, [Greene County], for the alleged violation(s) of using a pesticide in a manner inconsistent with its labeling and for applying a restricted used pesticide without the proper license or certification. Mr. Shackelford agreed to pay a monetary penalty of \$400.00.

Danny C. Vendrick, Lumberton, NC, [Robeson County], for the alleged violation(s) of using a pesticide in

a manner inconsistent with its labeling and applying a pesticide(s) under conditions that drift from pesticide particles or vapors resulted in adverse effect. Mr. Vendrick agreed to pay a monetary penalty of \$750.00.

David P. Hrupsa, Pantego, NC, [Beaufort County], for the alleged violation(s) of using a pesticide in a manner inconsistent with its labeling and making an aerial application of a pesticide within 25 feet of a right-of-way or public road and within 100 feet of a residence. Mr. Hrupsa agreed to pay a monetary penalty of \$1,100.00.

Gary C. Smith, Goldsboro, NC, [Wayne County], for the alleged violation(s) of using a pesticide in a manner inconsistent with its labeling and for applying a restricted use pesticide without the proper license or certification. Mr. Smith agreed to pay a monetary penalty of \$450.00.

Russell L. Huffman, Fremont, NC, [Wayne County], for the alleged violation(s) of providing or making a restricted use pesticide available to a non-certified private applicator. Mr. Huffman agreed to pay a monetary penalty of \$800.00.

Eddie L. Owens, Raeford, NC, [Hoke County], for the alleged violation(s) of using a pesticide in a manner inconsistent with its labeling and making an aerial application of a pesticide within 25 feet of a right-of-way or public road. Mr. Owens agreed to pay a monetary penalty of \$1,800.00.

Becky H. Moore, Garner, NC, [Wake County], for the alleged violation(s) of engaging in the business of a pesticide dealer without a pesticide dealer license. Ms. Moore agreed to pay a monetary penalty of \$900.00.

Frank Sobotka, Newtown, PA, for the alleged violation(s) of distributing, selling or offering for sale a restricted use pesticide to a dealer who does not hold a valid North Carolina pesticide dealer license. Mr. Sobotka agreed to pay a monetary penalty of \$600.00.

Jeffrey C. Martin, Snow Hill, NC, [Greene County], for the alleged violation(s) of providing or making available a restricted use pesticide to a non-certified applicator. Mr. Martin agreed to a monetary penalty of \$700.00.

For more information about pesticides, contact your local Cooperative Extension Service office.