

# Pesticide Regulatory Update

Georgia Department of Agriculture  
Pesticide Division  
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Tommy Irvin, Commissioner

# What's New

- New Commercial Exam Process
- Worker Safety Rules (Expected 2009 or 2010)
- Mosquito Control Issues
- Pesticide Misuse and Mistakes

# New Commercial Exam

- Began computer exam in January 2007
- Operated by Georgia Technical Colleges
- Several Advantages
  - Plan your own exam date and location
  - More locations
  - Get instant exam results
  - Retake the exam sooner if needed

# New Commercial Exam

- Currently 25 Technical Colleges offer the exam
- There is a \$45 exam fee charged by the colleges
- Over 700 individuals have tested

# New Commercial Exam

Albany Technical College

Altamaha Technical College

Appalachian Technical College

Athens Technical College

Augusta Technical College

Central Georgia Technical College

Chattahoochee Tech - Paulding Co. Campus

Chattahoochee Technical College

Columbus Technical College

Coosa Valley Technical College- Rome

Griffin Technical College

Gwinnett Technical College

Heart of Georgia Technical College

Lanier Technical College

Moultrie Technical College

Moultrie Technical College - Tifton  
Campus

North Georgia Technical College

Northwestern Technical College

Ogeechee Technical College

Okefenokee Technical College

Sandersville Technical College

Savannah Technical College

South Georgia Technical College

Southwest Georgia Technical College

Valdosta Technical College

Visit: [www.gapestexam.com](http://www.gapestexam.com) to learn more about the new exam

# Worker Safety Program

- EPA is in the process of expanding pesticide worker protection programs to include all pesticide occupations
- Look for greater training requirements and greater monitoring from GDA in the future
- No Timetable for implementation, still in discussion about program requirements, etc.
- Expect more in 2009 or 2010

# Mosquito Control Issues

- West Nile Virus has put a greater emphasis on mosquito control in Georgia
  - More individuals getting licensed in Public Health (more companies offering service)
  - Mosquito Control Category being developed
- Misting Systems
  - Unusual situation for EPA and State Regulatory Authorities

# Fully Automated Systems



**‘We can place the nozzles near your children's favorite places to play.’**



**‘The system can be directed towards the pool,  
protecting you and your family’**



# Typical System

- Misting nozzles are installed around the structure or property perimeter.
- Lines run to a reservoir (25 – 50 gallons) containing the misting concentrate.
- A timer mechanism, located at the reservoir and can be set to mist based on 'anticipated' need.
- Systems can include an optional remote control & may be activated to mist between scheduled times if necessary.
- Systems which include any of the optional weather sensors ensure the system does not unnecessarily mist during inclement weather.



# States Attempt to Bar the Door

- Many states see heavy marketing for systems
- Primarily to construction, landscape maintenance, property management – little or no pesticide experience
  - Installation primary focus – maintenance optional service
- Prompted Issue Paper to EPA

# Potential Problems with Misting Systems

- Uncertified Applicators
  - Unsubstantiated Claims
  - Off Site Drift
  - Human and Animal Exposure Risks
  - Misuse
  - Discourages IPM
  - Increased Pest Resistance
- 

# Recommendations

- Since little authority is available to fully regulate automated misting systems as application equipment, and to provide the most direct solution, EPA should specifically disallow this use in urban environments
- Labels should specifically prohibit the use of pesticides in automated misting systems in residential (including both single and multifamily dwellings) areas, including schools and daycares
- Regulatory officials will then have the authority to regulate this use as a label violation
- This action is also necessary to maintain EPA's goal of promotion of Integrated Pest Management (IPM) and protection of the environment and public health from pesticide misuse
- EPA has an opportunity for proactive prevention of harm to human health and the environment through issuance of a PR notice to manufacturers, developed to require label language prohibiting residential uses of pesticides in automated misting systems

# EPA Response

- Not likely to happen soon
- Difficulty pursuing label language changes or regulations to address systems
- IP still on table with EPA

# Pesticide Misuse

- Also referred to as “baiting” and is intended to control animal predators or other nuisance animals
- Is illegal
- Is dangerous
- Often results in harming a non-targeted animal or even humans
- Is usually done by an unlicensed person
- Can result in the cancellation of a much needed product

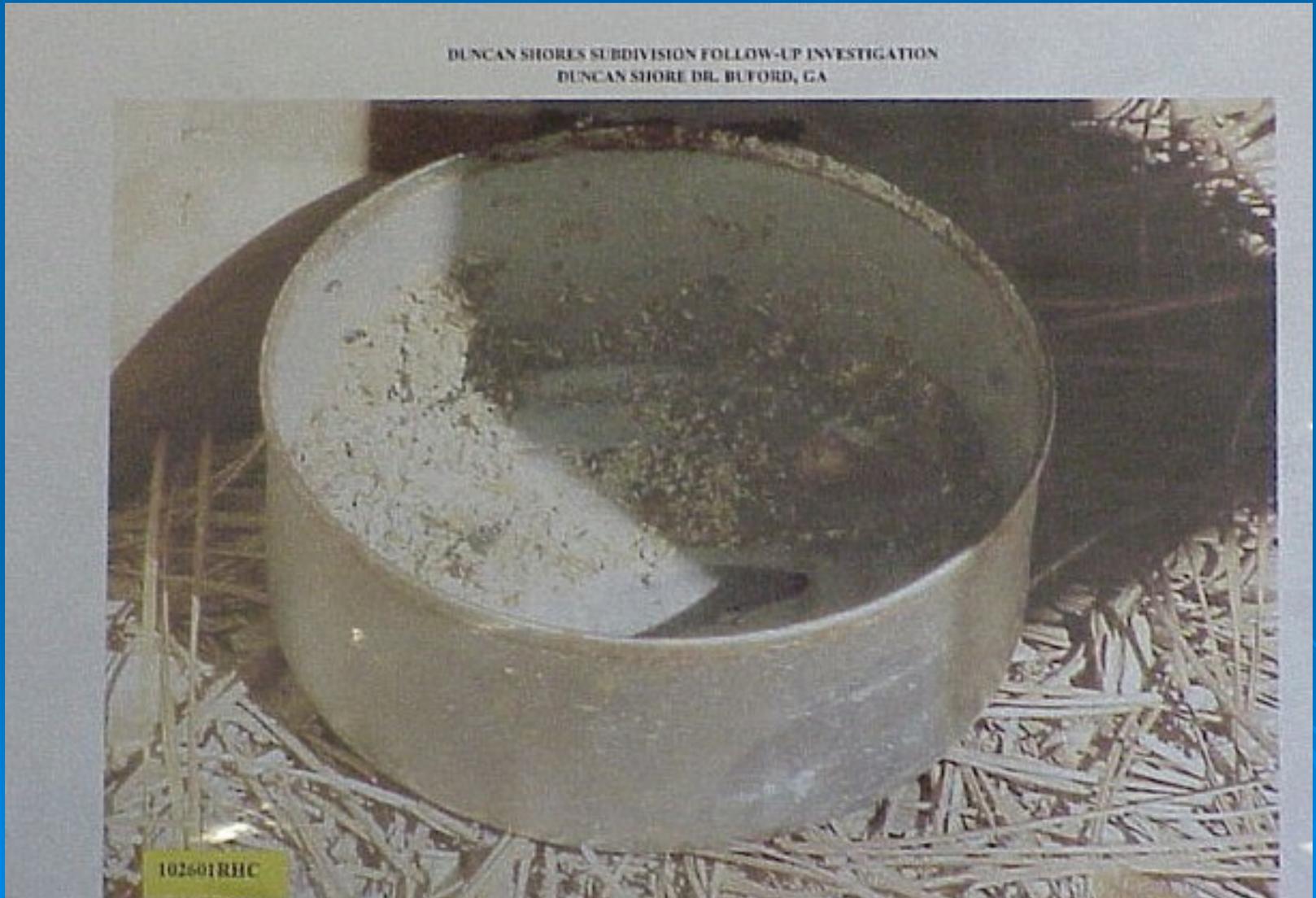
# Predator Control with Pesticides



# Predator Control with Pesticides



# Predator Control with Pesticides





# Careless Pesticide Blunders

- Usually involves poor pesticide storage practices or disregard of label directions
- Pesticides cannot be stored or sold in any container other than the original container
- Pesticide labels contain information on PPE and other safety issues you need to be aware of
  - Always Read the Label First!

# Pesticide Blunders



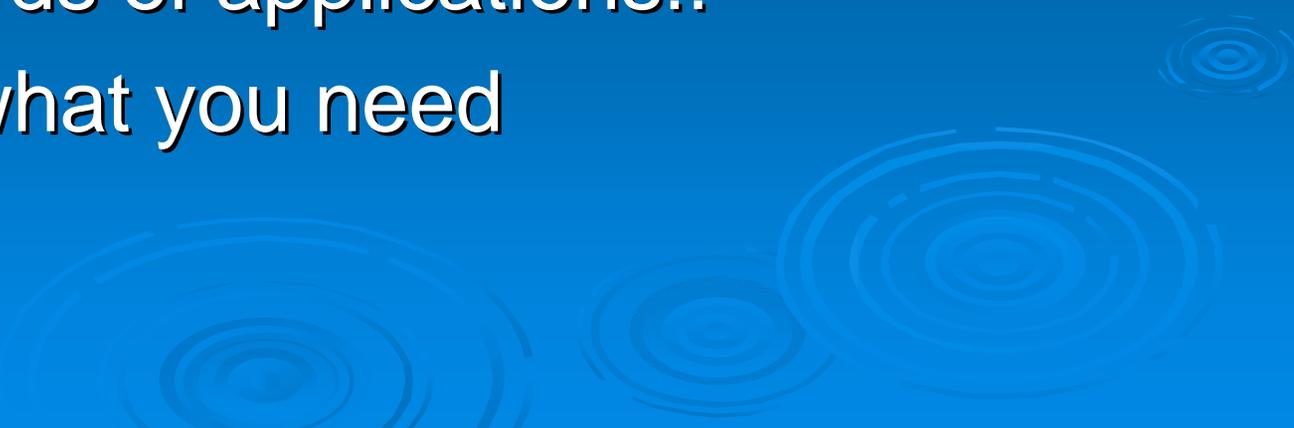
# Pesticide Blunders



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# Pesticide Blunders

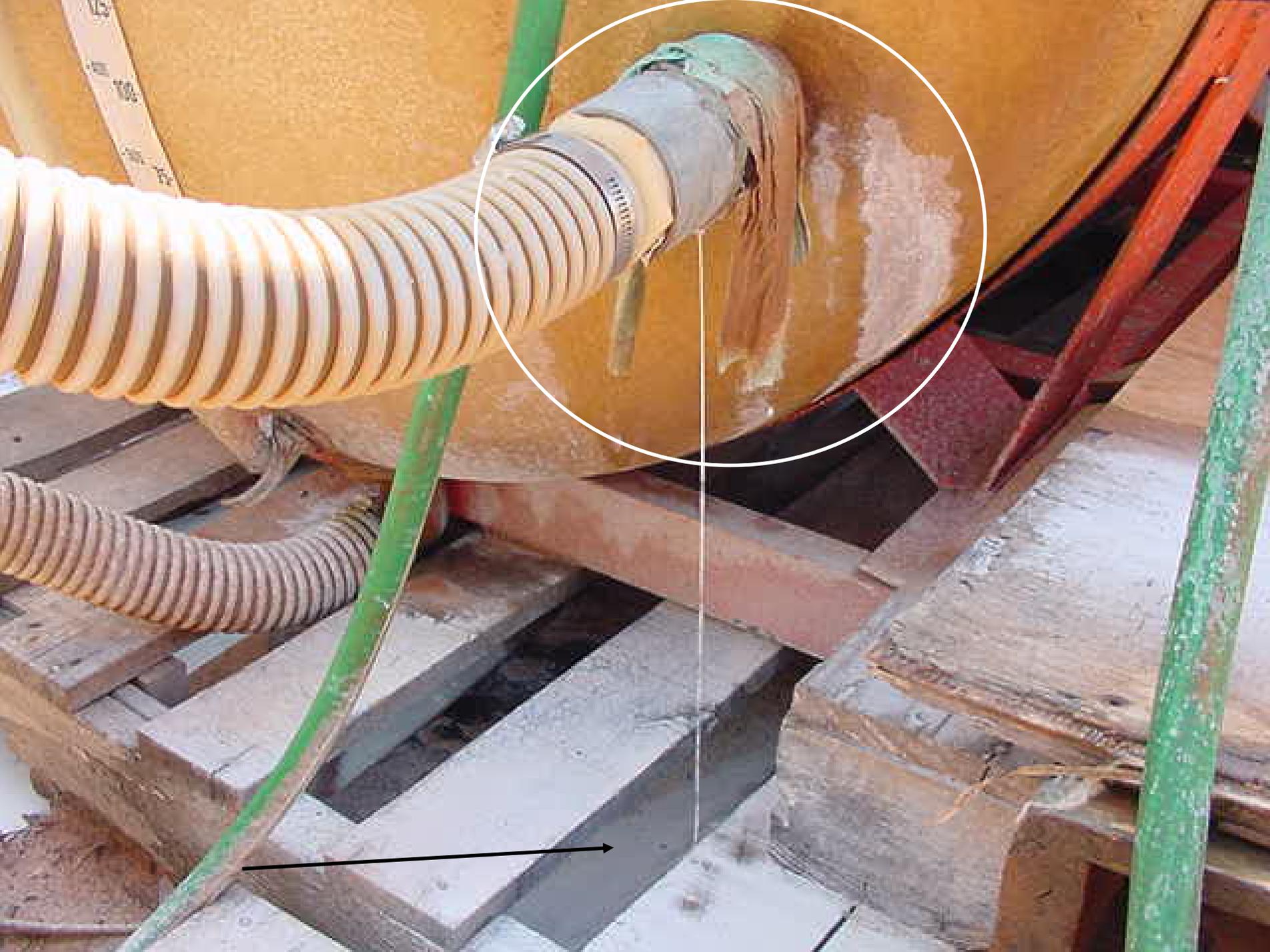
- Take your time
  - Always read and follow the label mixing and storage directions
  - Plan for a spill (it will happen sooner or later!)
  - Keep records of applications!!
  - Only buy what you need
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# Pesticide Blunders













Text in the picture: "D.D.T. Powerful Insecticide Harmless to Humans"



D.D.T.  
Powerful Insecticide  
Harmless to Humans  
1000 Quart Air Sprayer  
Manufactured by the  
D. D. T. Co.

# Need More Information?

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