



**The Maryland  
General  
Assembly  
Passed The  
Pesticide  
Applicators Law  
In 1970**





# MDA Is Responsible For Regulating The:

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**Sale, distribution,  
use, storage, and  
disposal  
of pesticides**

# Licensing and Certification

Maryland issues licenses, permits and certificates for:

- ◆ Pesticide business licenses
- ◆ Not-For-Hire business licenses
- ◆ Consultant business licenses
- ◆ Public Agency permits
- ◆ Certificates for commercial, public agency, private applicators and consultants
- ◆ Dealer permits



# Pest Control Categories



1 - Agricultural

A – Plant B – Animal C – Grain Treatment

2 - Forest

3 - Ornamental and Turf

A - Ornamental Plant- Exterior

B - Ornamental Plant- Interior C - Turf

4 - Seed Treatment

5 - Aquatic

6 - Right of Way and Weed

7 - Industrial, Institutional, Structural and Health Related

A - General B – Wood Destroying Insects

C – Wildlife D - Rodent E - Fumigation

8 - Public Health

9 - Regulatory

10 - Demonstration and Research

11 - Miscellaneous

A - Wood Treatment B - TBT Antifoulant Paint

C - Sewer Root Control

12 - Consultant

13 - Aerial



# Pesticide Business License And Certification (Commercial)

**Is required for any business that provides pest control services or performs pesticide applications, with any type of pesticide, for hire or as part of an overall service.**



# Not-For-Hire License And Certification

Is required if employees of a private firm, or corporation, as part of their job duties, apply Restricted Use pesticides to the property owned by the firm, or corporation and for golf courses using any type of pesticide.



# Public Agency Permit And Certification

Is required for any form of government agency (town, city, county, state) that performs pest control and uses employees to apply any type of pesticide. Federal agencies are exempt unless they are using Restricted Use pesticides.





# Pest Control Consultant License And Certification

Is required if a person is in the business of inspecting for and identifying pests, or making pesticide and pest control recommendations.



## **Registered Employee**

**Each pesticide licensee or permittee is responsible for ensuring that each employee involved in pest control completes a training program approved by MDA on pesticide use and safety. The purpose of the training is to instruct an individual in the principles of pest control and the proper use of pesticides to ensure he/she is competent to handle and apply pesticides in order to prevent harm to themselves, others, animals or the environment.**

# Private Applicator Certification

Is required for an individual who wants to use a Restricted Use pesticide on their own property, or leased property, for the production of an agricultural commodity.

(i.e. field crops, fruit, vegetables, nursery stock, greenhouse plants, Christmas trees)



# Dealer Permit

**Is required if a person or Business is selling or distributing Restricted Use pesticides.**



# Regulating Pesticides

## On The Federal Level



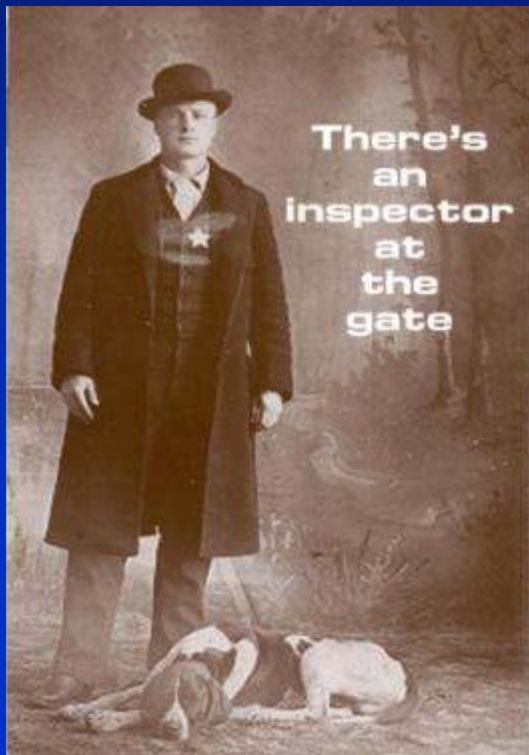
The Maryland Department of Agriculture (MDA) has signed an agreement with EPA designating MDA as the State Lead Agency responsible for enforcing the provisions of FIFRA within the state Of Maryland and receives grant money from EPA to carry out the provisions.

MDA Pesticide Regulation Section inspectors carry federal credentials for enforcing the provisions of FIFRA within Maryland.



# The Pesticide Label

**Use of a pesticide in a manner differing from label directions is a misuse of that product.**



***“The Label Is The Law !!”***

# The Pesticide Product Label – Contains Important Information

## It includes:

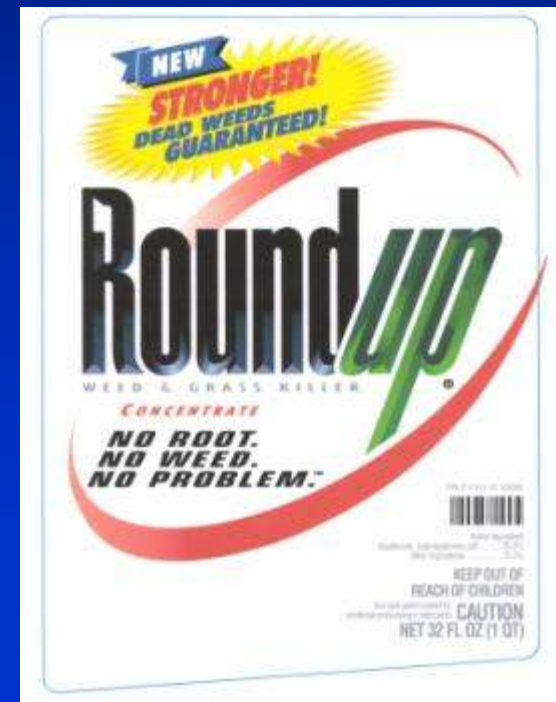
- Trade and common names
- Signal word
- EPA Registration Number
- Listing of active ingredients
- Practical Treatment statements
- Precautionary statements
- Environmental Hazard statements
- Approved sites of use
- Use Directions
- Mixing and application rates
- Manufacturer information





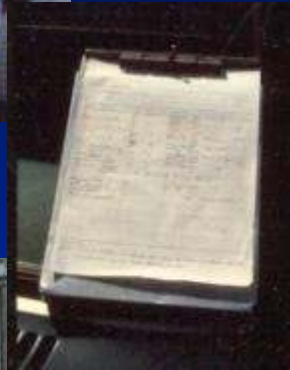
# Pesticide Classification

EPA classifies all pesticides as either Restricted Use Pesticides Or Non-classified (General Use).



**PESTICIDE  
ENFORCEMENT  
PROGRAM**

# Business Inspections:



- ◆ Check licenses/permits, certificates and employee IDs;
- ◆ Check application records;
- ◆ Inspect storage areas and mixing loading sites, and look for air-gaps or check valves for filling tanks;
- ◆ Inspect application equipment;
- ◆ Check for personal protective equipment, and;
- ◆ Check disposal practices.

# Pesticide Use Observations



◆ Observe mixing and loading of pesticides.



◆ Observe pesticide applications.



◆ Ensure that pesticides are mixed and applied in accordance with label directions.





# Other Types of Inspections

- Pesticide producing establishments  
(Pesticide producers and repackagers)
- Container and containment
- Marketplace
- Worker protection
- Pesticide import and export
- IPM inspections



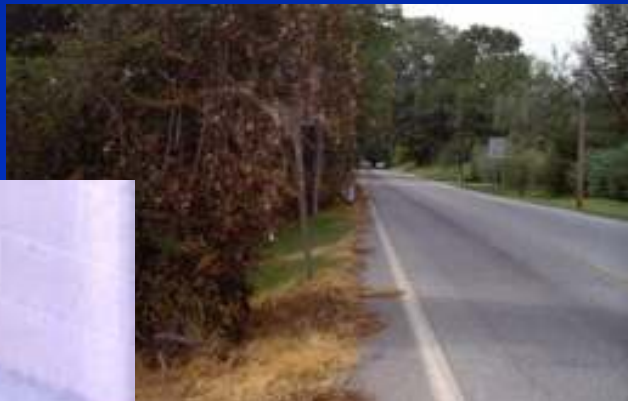
# Unlicensed Business Initiative

- **MDA staff continues to investigate unlicensed companies providing or advertising pest control services.**
- **MDA staff continues to monitor, newspapers, yellow page directories, flyers and investigate tips and conduct field inspections.**
- **MDA issues notices and/or Civil Penalties to unlicensed businesses.**

**PESTICIDE  
COMPLAINT  
INVESTIGATIONS**



# MISUSE INVESTIGATIONS



# PESTICIDE SECURITY

**Pesticide product and equipment security continues to be an important issue nationwide.**

- ◆ **Secure and limit access to application equipment and pesticides stored on vehicles.**



# Storage Requirements



- Locked and secured
- Stored in a separate building or segregated
- Post a warning sign

Pesticides must be stored in a dry, ventilated area

- Kept clean
- Absorbent material

Containers must be labeled and free of leaks

- Fire extinguisher

- If within 50 feet of well must be in secondary containment

**Are you using  
proper service  
containers?**



**EPA registration number**

**Percent concentration**



**Are they  
properly  
identified?**

**Common name**

**Signal word**

**Do you have a  
dead air gap or  
antisiphon  
device?**



**Do you have the personal protective equipment specified by the product label?**



**and**

**Is it in good repair?**

# PESTICIDE INCIDENT REPORTING

Notify MDA of  
any pesticide:

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- ⚡ Accident
- ⚡ Incident
- ⚡ Spill
- ⚡ Fire
- ⚡ Flood



# Enforcement Actions

- ◆ **Notice of warning.**
- ◆ **Civil penalties (up to \$2,500 for first violation; Up to \$5,000 for repeat violation; With a maximum of \$25,000 for each incident).**
- ◆ **Suspension or revocation of license/permit and/or certificate.**
- ◆ **Criminal charges.**
- ◆ **Referral to U.S. Environmental Protection Agency for federal action.**





**INFORMATION  
DISSEMINATION  
PROGRAM**

# **Pesticide Regulation's WebSite**

## **[www.mda.maryland.gov](http://www.mda.maryland.gov)**

### **Searchable Database -**

- Registered pesticides
- Licensed businesses
- Certified applicators and Registered Technicians

### **Professional Technical Information -**

- Forms
- Recertification sessions
- Exam information
- Law and regulations
- Sensitive crop locator
- Information sheets



### **Integrated Pest Management**

- Information sheets
- Reference documents
- Regulations

### **Pesticide Information For Consumers -**

- Information sheets

**Links to other government and university websites**

# MDA's Searchable Database

[www.mda.maryland.gov](http://www.mda.maryland.gov)

or

<http://kellysolutions.com/md>



**Pesticide products registered with MDA.**

- Search by product name, active ingredient, pest/site, EPA Reg. No.

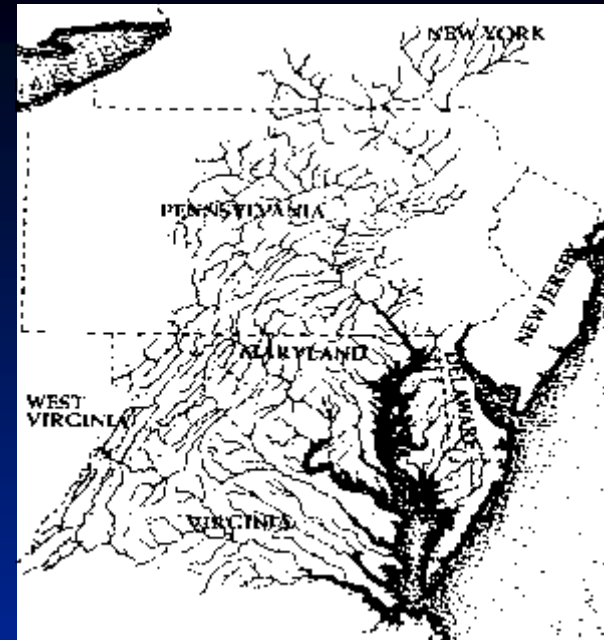
**Licensed businesses, Certified Applicators & RUP Dealers.**

- Search by name, category, county.

# Pesticide Usage Survey



**MDA contracted with the Maryland Agricultural Statistics Service to conduct a pesticide usage survey for 2011. This survey was recently published.**



**MDA has been involved with the U.S. EPA's  
Chesapeake Bay Office and  
programs**

CHESAPEAKE EXECUTIVE COUNCIL  
**TOXICS 2000 STRATEGY**  
*A Chesapeake Bay Watershed Strategy for  
Chemical Contaminant Reduction, Prevention, and Assessment*

# **WORKER PROTECTION STANDARD**

# Worker Protection Standard



The Worker Protection Standard (WPS) for pesticides used in agricultural production is a regulation aimed at reducing the risk of pesticide poisonings and injuries among agricultural workers and pesticide handlers.



# **Worker Protection Standard**

**MDA offers compliance assistance to growers for the implementation of the program.**

**To help growers MDA also provides funding to the Telamon Corporation to provide the required training to Workers**



**Telamon Corporation**  
Transition Resources Corporation



**ENDANGERED  
SPECIES  
PROTECTION  
PROGRAM**



**EPA's Endangered Species Protection Program (ESPP) helps promote the protection and recovery of listed species. The ESPP is a program designed to determine whether pesticide use in a certain geographic area may affect any listed species.**

**If limitations on pesticide use are necessary to protect listed species in that area, the information is relayed through Endangered Species Protection Bulletins.**

# CONTAINER RECYCLING PROGRAM

**MDA has been participating with the Ag Container Recycling Council (ACRC) in a recycling program for empty plastic pesticide containers.**



**ACRC**  
Ag Container Recycling Council

**PESTICIDE  
DISPOSAL  
PROGRAM**

# Pesticide Disposal Program

In 2006, 2007, 2008 and 2012, MDA has conducted a program for agricultural operations (farms, nurseries, greenhouse, etc.) to dispose of old, banned, unwanted or unusable pesticides.

To date, MDA has collected and disposed of 190,000 pounds of unwanted pesticides from 384 sites since 1995.





**For More Information, Contact:**

**Maryland Department of Agriculture  
Pesticide Regulation Section  
50 Harry S. Truman Parkway  
Annapolis, MD 21401**

**Telephone: (410)841-5710      FAX: (410)841-2765**

**Internet: [www.mda.msryland.gov](http://www.mda.msryland.gov)**