

# Land Trusts, Invasive Plants and Pesticide Use



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Maine Board of Pesticides Control

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# Who is the Board of Pesticides Control?

- 7 Public members appointed by the Governor
  - 1 commercial applicator
  - 1 medical doctor
  - 1 private applicator (farmer)
  - 1 agronomist or entomologist from U Maine
  - 1 forestry Specialist
  - 2 general public members with demonstrated interest in environmental protection
- Attached to the Department of Agriculture



# BPC Major Programs

- Pesticide Registration & Toxicology
- Applicator Certification & Licensing
- Enforcement – *5 inspectors*
- Homeowner Education & Outreach



Garlic mustard



Shrubby honeysuckles

## What are the Invaders?

Japanese barberry



(some of them)

Japanese knotweed





# Invasive Aquatic Plants

- Variable Leaf Milfoil has been documented in 16 Maine water bodies
- Hydrilla is in Pickerel Pond in Limerick
- The problem originated with aquariums



Milfoil in Belgrade Stream



Hydrilla in Pickeral Pond

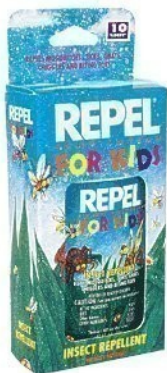
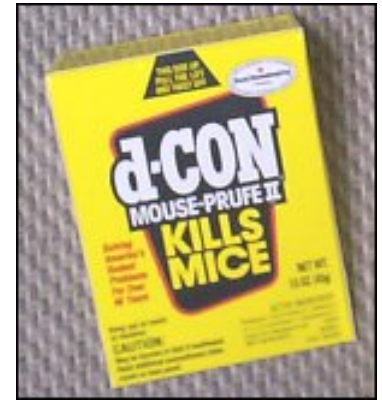
# Another common culprit



Poison Ivy

# What are pesticides?

- Disinfectants & Bleaches: *Lysol*, pine oil
- Rat & mouse baits: D-con
- Ant Cups
- Mold & Mildew control products
- Insect sprays, granules, dusts: Raid
- Weed killers, 'weed&feed', Round Up, Garlon
- Repellents



# What are Pesticides?



- “Organics” like rotenone

- Biological Controls



- Wood preservatives, some paints & stains



# Pesticides Commonly Used to Control Invasives

- Glyphosate – Round Up, Accord, Rodeo
- Triclopyr – Garlon 3A, Garlon 4, Renovate
- 2,4 – D – Weedone, Brushmaster, Aquakleen



# Some pesticide applications must be done by licensed applicators

- Applications “for hire”
- Applications to areas “open to the public”
- Applications to aquatic sites



Maine Department of Agriculture  
**Board of Pesticides Control**  
28 State House Station  
Augusta, ME 04333-0028  
**Commercial Pesticide Applicator License**  
Issued under Title 22 M.R.S.A. 258-A to:

CMA9000 / 3A 3B  
JOHN DOE  
GREEN COMPANY  
999 MAIN ST  
E NOWHERE ME 04499

Signature John Doe  
Expires DEC 31, 2000



# What can be done without a license?

- Routine hand cleaning



- Emergency stinging insect control



- Use of repellants for personal protection



- Application of paints & stains



# What applications require a licensed applicator?

- Indoor or outdoor pest control
  - Mosquito, tick, ant or rodent control, etc.
  - Weed, insect or plant disease control on lawns, trees, sidewalks, parking lots, roadsides, forested areas, wetlands, etc.
- Any aquatic application
  - Mosquito larvicides
  - Aquatic weed control





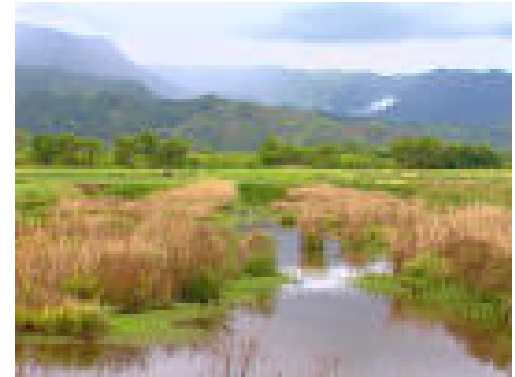
# Are there any exemptions?

- Terrestrial applications done by land trust employees or volunteers
  - When the area is closed to public access for 7 days
- There are **no** exemptions for aquatic or wetland applications
  - Application to “Waters of the State” requires an additional permit from the DEP



# Pesticide Use in Surface Waters & Wetlands

- You need a permit from DEP to apply a pesticide to a water of the state
- Waters of state:
  - Lakes, ponds, rivers streams, marshes & **wetlands**
  - And any water that connects to them
  - Even use of *Bti* mosquito dunks requires permit unless done in a fully contained water source



# What does a license do for you?

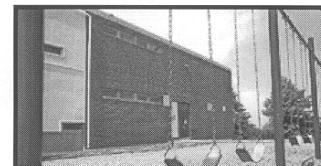
- Reduced liabilities
- Better understanding of IPM
- Helps you minimize reliance on pesticides
- Certification and continuing education



## Attack of the school-killer

**Poisonous mold has already forced the closing of three Maine schools. Are more to follow?**

By Lance Tapley



Experts say a poisonous mold may be contaminating the air in a number of Maine schools. Few schools have been tested for it. Of those that have, three — in Lincolnville, Farmingdale, and now Portland — have been forced to close permanently within the last 15 months.

# How do you get the commercial license?

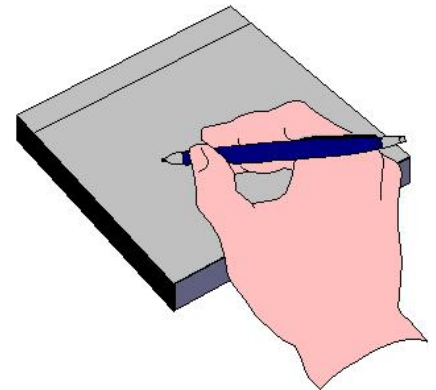
- Each organization must first license a Master level applicator
- Additional licensees may be at the operator level





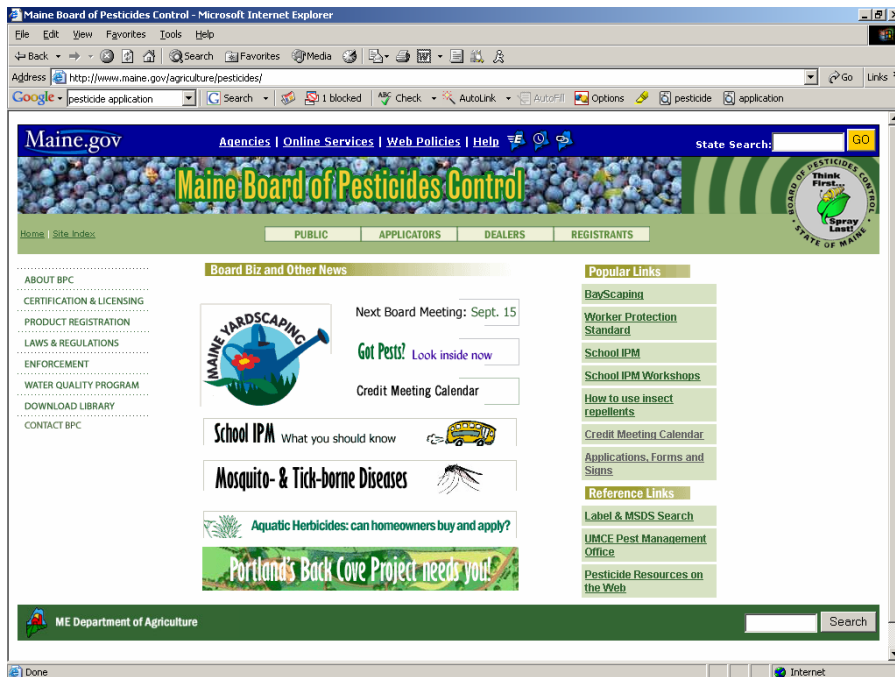
# How do you get the commercial license?

- Master level must pass 3 written, closed book exams and 1 oral exam
  - Written exams cover
    - General pesticide information (Core)
    - Vegetation Management (Category)
    - Regulations
  - Plus an Oral Exam
- Operator level must pass 2 written, closed book exams
  - Written exams cover
    - General pesticide information (Core)
    - Vegetation Management (Category)

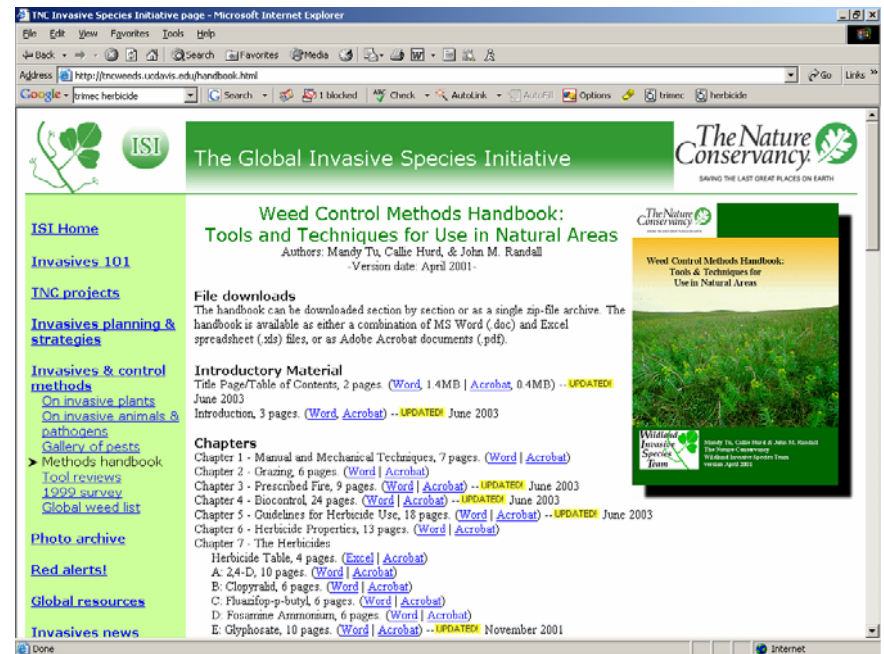


	Certification					Licensing	
License Type	Where do I get study materials?	Types of Exams	Where do I take exams?	Exam fees	Certification Period	License Fee	License Duration
Commercial - Master	UMCE (1) 1-800-287-0279 207-581-3880 Core and Category Manuals BPC (2) 207-287-2731 Regulations Manual	Minimum of 3 written (Core, one or more categories, and regulation exams) <u>plus</u> a Master's Oral exam	BPC Offices by prefiled exam application only 207-287-2731	\$10 each for the Core and for each category exam \$50 for the regulation and Master's Oral exams	6 years	\$70	2 year renewable 12/31
Commercial – Operator (3)	UMCE 1-800-287-0279 207-581-3880 Core and Category Manuals	Minimum of 2 written (Core and one or more category exams)	BPC Offices by prefiled exam application only 207-287-2731	\$10 each for the Core and for each category exam	6 years	\$70	2 year renewable 12/31

# Web Resources



[www.thinkfirstspraylast.org](http://www.thinkfirstspraylast.org)



[tncweeds.ucdavis.edu/handbook.html](http://tncweeds.ucdavis.edu/handbook.html)