



**New Jersey School IPM Law
Integrated Pest Management**
Minimizing Exposure Risk through Compliance

New Jersey DEP Requirements for
Integrated Pest Management
in Schools

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**Benefits of compliance with
School IPM Regulations**
Practicing IPM instead of scheduled
treatments provides for...

- ✓ Effective long-term pest control
- ✓ A healthier learning environment
- ✓ More efficient use of school funds
- ✓ Save \$\$\$ in the long run

**Why be Concerned About
Pesticide Use in Schools?**

**All Pesticides
Pose a Risk!**





- ✓ Children are more sensitive to chemical exposures than adults.
- ✓ Acute Poisoning
- ✓ Chronic or Delayed Effects: Tumors, cancer, birth defects, blood and nervous system disorders.
- ✓ Allergic Effects: Asthma and skin, eye and nose irritation.
- ✓ Environmental Impacts

**Pesticide Storage
at school**

If a school does not have a
licensed Commercial Pesticide
Applicator as an employee, then
the school should not be storing
any pesticides

Pesticides must always be
stored in original containers
along with the pesticide
product label. As always keep
all dangerous materials out of
the reach of children.







**Benefits of compliance with
School IPM Regulations**

- ✓ Reduced liabilities
- ✓ Reduced health risks
- ✓ Improved indoor air quality
- ✓ Better facilities maintenance
- ✓ Reduced energy costs

What are pesticides?
A pesticide is a product designed to kill, control
or mitigate a pest
OR
A product that **claims** to kill, control
or mitigate a pest

Examples

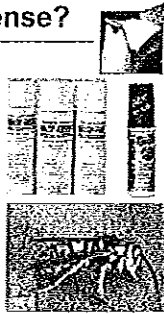
- ✓ insect sprays, granules, dusts, gels and baits etc...
- ✓ Weed killers / Plant disease pesticides
- ✓ Traps or bait stations
- ✓ Mold/mildew products
- ✓ Disinfectants & some bleaches

What pesticides can school staff use *without* a license?

EPA registered Anti-Microbial Products such as disinfectants used in routine cleaning and sanitizing are exempt from the New Jersey School IPM law; includes certain bleach products and disinfectant sprays or cleaning products.

Products that meet the US EPA standard for minimal risk pesticides. Pest control products that are not required to be registered by the United States EPA.



No recommendations or endorsements intended

Defining the New Jersey 'School Year'

The 'School Year' in New Jersey runs from when schools open in the fall until schools close in the late spring or early summer

Schools are only considered 'out of session' when closed for five (5) or more school days, as during the Christmas break, spring break and the summer vacation, school is considered to be in session during holiday weekends; such as 3 or 4 day weekends

Slate Law requires School IPM 12 months of the year, only certain notification and posting rules change during periods when school is 'out of session'

What types of pesticide applications require a licensed applicator?

Indoor pest control such as:

- Ant traps, baits, gels or sprays
- Roach traps, baits, gels or sprays
- Any rodent control pesticides

In fact any EPA registered pesticide; low-impact or non low-impact

Aside from those used in routine cleaning and sanitizing



Pest Management Requirements

Before pesticides may be used schools must:

- ✓ Monitor for pests
- ✓ Identify pests
- ✓ Assess & document pest severity
- ✓ Use non-pesticide control measures whenever possible



What types of pesticide applications do require a licensed applicator?

Outdoor pest control

Insect or weed control on lawns or athletic fields

Insect or plant disease control on trees, shrubs, lawns or around the building, including mosquito and tick control

A license is needed for both low impact and non low impact pesticide products.



New Jersey School IPM

Goal: To Reduce Pesticide Exposures
Minimizing Students' risk of pesticide exposure while managing pest to protect Student health, school property and the environment.

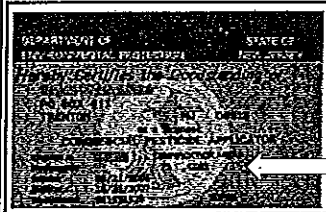
Licensing

N.J.A.C. 7:30 - 5, 6, 7

Integrated Pest Management

N.J.A.C. 7:30-13

New Jersey Pesticide Regulations



Licensing:
N.J.A.C. 7:30 - 5,6,7
Any person applying pesticides commercially must have an up to date Pesticide Applicators License in the proper category for the work performed.

In this sample above the License indicates that the applicator has License Categories 7A - Core - 13
Core means the applicator is up to date with regulatory pesticide health and safety
7A is the category for general and household commercial pest control
13 is a required category that allows this applicator to use their 7A license on school grounds. Without category 13 this applicator is not allowed to work at schools.

School Grounds Include



All Land associated with school buildings, playgrounds and athletic fields

Any other outdoor areas, including areas not owned by the school, but that are maintained by the school or regularly used for school activities by students

Schools Contracting for Pest Control Services:

Be sure the contract you sign is an IPM Contract in compliance with New Jersey Law
a model IPM contract is available at www.njipm.org.

Specify how contractor will:

- ✓ Inspect and monitor for pests
- ✓ Make recommendations for sanitation, maintenance, and prevention
- ✓ Consider pesticides only when there is demonstrated need and a pest has been identified
- ✓ Use pesticides only when permission is given by the IPM Coordinator
- ✓ Use low impact pesticides and low risk methods whenever possible

New Jersey School IPM N.J.A.C. 7:30 -13.1 (IPM Policy)

- ✓ Adopt an IPM Policy
- ✓ Establish IPM procedures in schools
- ✓ Develop an IPM Plan for each school building
- ✓ Appoint an IPM Coordinator
- ✓ Educate the school community about the fundamentals of School IPM, and the part they play.

Remember!

The goal is reducing student exposures to Chemical Pesticides
Schools are directed to use IPM procedures to determine when to control pests and whether to use mechanical, physical, cultural, biological or chemical control methods

School IPM Regulations N.J.A.C. 7:30-13

Applies to all New Jersey Schools below the college grade

Public, Private and Charter Schools including:
Pre-Kindergarten Schools

Not included are Colleges, Universities and Daycare Centers without pre-schools

Applies to pesticide applications done in school buildings and on school grounds

New Jersey School IPM N.J.A.C. 7:30 -13.1

- ✓ Establish record keeping requirements for all pest management activities (chemical and non-chemical)
- ✓ Require notification to the School Community when a pesticide product considered non low-impact is used
- ✓ Ensure Re-entry rules are followed after non-low-impact pesticide treatment
- ✓ Ensure that pesticide applicators follow State Regulations, pesticide label precautions and the School's IPM Policy and Plan
- ✓ Ensure annual review of IPM Plan by Principal

Sample IPM Policy

Intended to be used as is / Just fill in the blanks

<p>A Model Integrated Pest Management Policy for New Jersey Schools</p> <p>The following Integrated Pest Management Policy for New Jersey Schools is intended to be used as a model for schools to adapt to their own needs. The policy is intended to be used as a guide for schools to develop their own IPM policies. The policy is intended to be used as a guide for schools to develop their own IPM policies. The policy is intended to be used as a guide for schools to develop their own IPM policies.</p>	<p>Implementation</p> <p>The school principal shall be responsible for the implementation of the IPM Policy. The principal shall ensure that the IPM Policy is implemented in a manner that is consistent with the IPM Policy. The principal shall ensure that the IPM Policy is implemented in a manner that is consistent with the IPM Policy. The principal shall ensure that the IPM Policy is implemented in a manner that is consistent with the IPM Policy.</p>
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New Jersey School IPM N.J.A.C. 7:30 -13.2 (Plan)

<p style="text-align: center;">Guidance for Creating a School Integrated Pest Management Plan in Compliance with New Jersey Law</p> <p style="text-align: center;">Guidance available at www.nijpm.org</p>	<p>Average Grammar Schools (without sports fields and working kitchens etc.) using the Guidance Document can develop a very effective School IPM Plan within 7 to 10 pages.</p> <p>Larger & busier facilities, with sports fields and working kitchens, etc., or facilities in areas with heavier pest pressures require more detailed site specific plans.</p>
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New Jersey School IPM The Plan 7:30 -13.2 (a)

As a requirement of its IPM Policy, each school shall develop and implement a site-specific IPM Plan that describes how each school will manage pests through IPM methods and comply with all aspects of the IPM Policy.

The site specific IPM Plan shall be kept at the school for which it was developed, not at a district or other central office.

New Jersey School IPM N.J.A.C. 7:30 -13.2 (The IPM Plan)

13.2 (a) 3 The IPM Plan shall contain at minimum, the following

- i. The school's goals regarding the management of pests and the use of pesticides
- ii. The school's site-specific needs regarding the management of pests
- iii. A description of how each component of the school's IPM Policy will be implemented at the school
- iv. The name of the IPM coordinator designated by the appropriate school authority identified in accordance with N.J.A.C. 7:30-13.1(b)

New Jersey School IPM N.J.A.C. 7:30 -13.2 (The IPM Plan)

According to the Law

SCHOOL IPM PLAN

TO REDUCE STUDENT EXPOSURE TO PESTICIDES

For public schools, the local school board, in collaboration with the school building administrator (the principal), is responsible for the development of the IPM Plan for the school.

For charter schools and non-public schools, the board of trustees or the principal or the lead administrator is responsible for the development of the IPM Plan.

School IPM Regulations 13.2 – Site specific IPM Plan The Plan 7:30 -13.2 (b)

IPM methods / Use of low impact pesticides

implementing its IPM Plan, each school shall use IPM methods to determine when to control pests, including:

- ✓ Considering the full range of pest management options, including no action at all
- ✓ Using non-pesticide pest management methods whenever possible
- ✓ Choosing to use a pesticide based on a review of all other available options and a determination that these options are not effective or not reasonable
- ✓ When it is determined that a pesticide must be used, low impact pesticides and methods are preferred and shall be considered for use first



Low Impact Pesticides

Low Impact Pesticides include:

- Anti-microbial Agents (disinfectants, cleaning products)
- EPA minimum risk products (mint oil, garlic oil, salt etc...)
- Baits (i.e gels, pastes, bait stations etc.)
- Boric Acid, Silica Gel & Diatomaceous Earth
- Botanical Pesticides (naturally derived from plants, and excluding any synergizers)
- Microbe based pesticides (i.e. *Bacillus thuringiensis*)
- Biological Agents (parasites and predators)

Schools Must Appoint an IPM Coordinator

N.J.A.C. 7:30 - 13.3

The IPM Coordinator is responsible for the following

- ✓ Implementing the Policy and Plan
- ✓ Maintaining information about the policy, plan, and about pesticide applications at the school or within the school district
- ✓ Acting as contact for questions about the IPM Policy and Plan
- ✓ Maintaining pesticide product labels and MSDS
- ✓ Ensuring that any commercial applicator working on school property is in compliance with State Laws and school policy

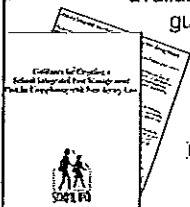
New Jersey School IPM N.J.A.C. 7:30 -13.1 and 13.2

Policy and Plan Resources

Both the New Jersey DEP and the Rutgers' web site for school IPM have resources available; including a Model Policy and a guidance document for writing a

School IPM Plan

The New Jersey School IPM Law requires that the School Building Principal or Lead Administrator to be responsible for writing the Schools' IPM Plan



Schools Must Appoint an IPM Coordinator

N.J.A.C. 7:30 - 13.3

Appoint an IPM Coordinator who will:

- Continuously monitor the school environment for actual or suspected pest activity
- Assure that all non-chemical IPM controls are properly done by school staff, and that a record is kept of the activity
- Approve appropriate pesticide applications when necessary, using EPA minimum risk or low impact pesticides as first options / using non-low impact pesticides as a final option

Schools Must Appoint an IPM Coordinator

N.J.A.C. 7:30 - 13.3

The person who holds this Title accepts **legal responsibilities** with regard to chemical pesticide use in their school(s)

The IPM Coordinator shares this **legal responsibility** along with the school building's Principal or Lead Administrator

The IPM Coordinator is not intended to be the person acting as the schools' Commercial Pesticide Applicator

Schools Must Appoint an IPM Coordinator

N.J.A.C. 7:30 - 13.3

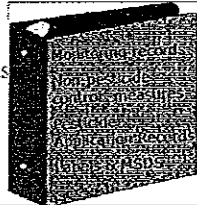
Appoint an IPM Coordinator who will:

- Assure that when a non-low impact pesticide application is necessary, postings and notifications are done correctly
- Continuously evaluate the effectiveness of the school's IPM program, regularly keeping the Principal and others informed
- Each IPM Coordinator is required to obtain New Jersey DEP approved IPM Coordinator Training

School IPM Record Keeping N.J.A.C. 7:30 - 13.4

Schools are required to keep pest management records for three (3) years or for five (5) years after the application of a pesticide designed to control termites.

- ✓ Pest monitoring records
- ✓ Non-pesticide pest control records
- ✓ Pesticide application records
- ✓ MSDS and Label for each pesticide used



Model Record keeping form with requirements from N.J.A.C. 7:30 - 6.8 and 7.3

1. Place Of Application	Application Date / Time	2. Pesticide(s) Applied	EPA Reg. Number	MIX Recipe Pesticide Concentrate + Diluent = Solution	Amount of Mix or Solution Applied	Application Site(s)	Applicator Name & Lic #
123 Art Street Anytown NJ 02045	3. Include the EPA Reg. Number, if applicable to be used at the site	4. The complete name of the product used 4.1. The product is a Termiticide	From product container or label	1 gal of pesticide concentrate mixed with 27 gal of water = solution	Trap Stations Applied	Where exactly was the application made	The name and license number of the pesticide applicator
123 Art Street Anytown NJ 02045	Friday Oct. 13	TRIPLE ACTION DEATH FENIX	EPA Reg. # 102-024	See product instructions	30 oz of solution	Remodeler and about 8 ftm P/N	Applicator's Name Lic # 12345
THIS FORM IS AVAILABLE AT THE PESTICIDE CONTROL PROGRAM'S WEB SITE							
123 Art Street Anytown NJ 02045	1:30 PM	March 28	102-024	as	30gal	Full Service Remodel in Anytown Park	

School IPM Record Keeping N.J.A.C. 7:30 - 13.4

Records shall be:

- ✓ Provided to the public upon request
- ✓ Provided immediately to State or County inspectors upon request
- ✓ Provided immediately to medical personnel in emergency situations
- ✓ Records shall include, at a minimum, the application records required at

N.J.A.C. 7:30 - 6.8 and 7.3

School IPM Record Keeping N.J.A.C. 7:30 - 13.4

Non-chemical Pesticide Application Records

001 - 9/13/10 - Mrs. Smith reports ants in Rm # 12. The room was checked and ants were present when school day ended. Did deep cleaning in Rm 12 and set Rm 12 on elevated monitoring for ants.

002 - 9/14/10 - Children report that squirrels are seen 'playing' on the roof. The area of the roof where the activity was seen is checked and found to have a hole in the eav. Reported to district for repair.

003 - 10/24/10 - Mouse activity suspected in Teachers lounge. Kathy Bulger heard something this morning behind the refrigerator. The room was checked and droppings were found behind the refrigerator. Teachers room received a deep cleaning and snap traps were deployed in the room. Teachers room on elevated monitoring.

003 - 10/28/10 - One dead mouse found in snap trap. Teachers room on elevated monitoring for one additional week, unless additional activity is seen or suspected

001 - 12/2/10 - The ants are back in Rm #12. Observed by Mrs. Smith and also seen by CharDe Cocks the evening custodian co. Rm 12 scheduled for another deep cleaning and continued elevated monitoring

Facilities Software is an excellent way to track non-chemical IPM activities

Record Keeping Requirements N.J.A.C. 7:30 - 6.8 and 7.3

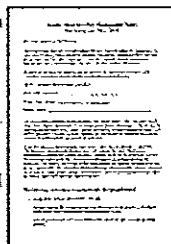
- ✓ Place Of Application / Street Address
- ✓ Application Date / Time
- ✓ Pesticide(s) Applied
- ✓ EPA Reg. Number
- ✓ The recipe used:
Pesticide Concentrate + Diluent = Recipe of Solution
- ✓ The amount of mix or solution applied
- ✓ The application site / where was pesticide used
- ✓ The applicators name & license number

1 oz pesticide concentrate + 27 oz water = 28 oz of pesticide solution

School IPM Annual Notice N.J.A.C. 7:30 - 13.5

The Annual Notice should include

- ✓ IPM policy / a hard-copy of the policy must be a part of the annual notice.
- ✓ list of any pesticide currently in use or having been used in the previous 12 months; both low-impact and non low-impact pesticides
- ✓ IPM Coordinator contact info
- ✓ Information regarding the school communities access to pesticide labels and MSDS maintained by IPM Coordinator
- ✓ EPA Precautionary statement




The IPM Annual Notice is a site specific document regarding a single school, not an entire school district

School IPM Annual Notice N.J.A.C. 7:30 - 13.5

The Annual School IPM Notice should advise the school community of the following:



- ✓ About the School IPM policy and the school's attempt to reduce exposure of students to pesticides
- ✓ That as part of an overall pest management plan some pesticides may be applied
- ✓ That the IPM Coordinator maintains the pesticide product label, and the Material Safety Data Sheet (MSDS) of each pesticide product that may be used on school property
- ✓ That pesticide application records, labels and MSDS are available for review by parents, guardians and staff members. Labels and MSDS are also available for review by students, and the IPM Coordinator is available to the school community, for information about and to receive comments on IPM activities, and pesticide use at the school



School IPM 72 Hour Pre-Notification N.J.A.C. 7:30 - 13.6

For Non-Low-Impact Pesticide Applications

Schools must provide notice at least three (3) days or 72 hours before non-low-impact pesticide applications are made to school property; inside or outside.





School IPM Annual Notice N.J.A.C. 7:30 - 13.5

The Annual School IPM Notice should advise the school community continued:

- ✓ That 72 hour advanced notices will be issued to the school community before non low-impact pesticides are applied
- ✓ That when non low-impact pesticides are used signs will be posted for six (6) days; three (3) days before the application and for three (3) days following the application

The Annual School IPM Notice must also include the EPA Precautionary statement from the New Jersey School IPM Regulations



Low Impact Pesticides

Low Impact Pesticides greatly reduce
and do not require notification

NOTIFICATION NOT REQUIRED

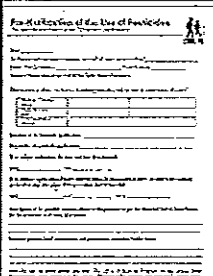
- Baits (i.e. gels, pastes, bait stations)
- EPA exempt materials (mint, sulfur, salt etc...)
- Anti-microbial Agents (insectants, cleaning products)
- Boric Acid, Silica Gel & Diatomaceous Earth
- Bio-pesticides (naturally derived from plants, and excluding any synergizers)
- Microbe based pesticides (i.e. *Bacillus thuringiensis*)
- Biological Agents (parasites and predators)

School IPM Annual Notice N.J.A.C. 7:30 - 13.5

The EPA Statement

As part of a school pest management plan, Any school NJ may use pesticides to control pests. The United States Environmental Protection Agency (EPA) and the New Jersey Department of Environmental Protection (DEP) register pesticides to determine that the use of a pesticide in accordance with instructions printed on the label does not pose an unreasonable risk to human health and the environment. Nevertheless, the EPA and DEP cannot guarantee that registered pesticides do not pose any risk to human health, thus unnecessary exposure to pesticides should be avoided. The EPA has issued the statement that where possible, persons who are potentially sensitive, such as pregnant women, infants and children, should avoid unnecessary pesticide exposure

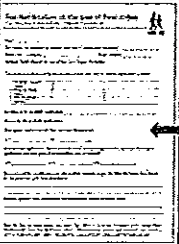
School IPM 72 Hour Application Notice N.J.A.C. 7:30 - 13.6



- ✓ Notice sent home with students and staff
- ✓ A Telephone Call
- ✓ Direct Contact
- ✓ Email
- ✓ Notice mailed one (1) week before the application

The intent is to send the notice home with the Students and issue to Staff

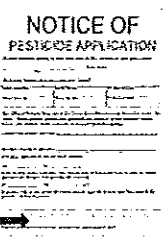
**School IPM
72 Hour Application Posting
N.J.A.C. 7:30 - 13.6**



Notification is for members of the School Community who we know about

Posting Signs are for Everyone we don't know about

NOTICE OF PESTICIDE APPLICATION



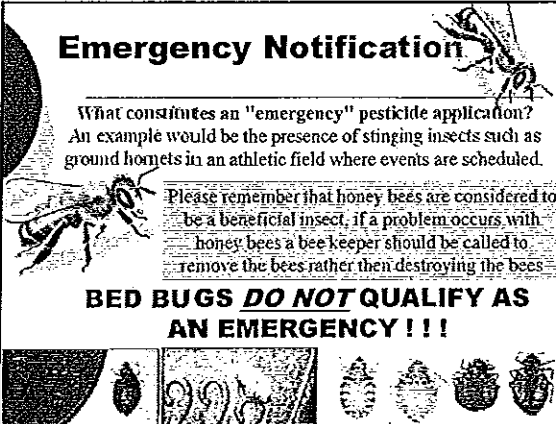
Six (6) Day Posting For Non-Low-Impact Pesticide Applications

Emergency Notification

What constitutes an "emergency" pesticide application? An example would be the presence of stinging insects such as ground hornets in an athletic field where events are scheduled.

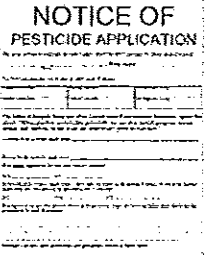
Please remember that honey bees are considered to be a beneficial insect, if a problem occurs with honey bees a bee keeper should be called to remove the bees rather than destroying the bees.

BED BUGS *DO NOT* QUALIFY AS AN EMERGENCY !!!



**School IPM
72 Hour Application Posting
N.J.A.C. 7:30 - 13.6**


NOTICE OF PESTICIDE APPLICATION



Don't confuse the posting responsibilities of the School

with the posting responsibilities of the Pest Control Vendor

CAUTION



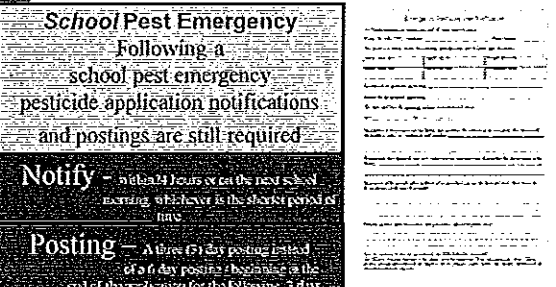
8 1/2 x 11 inches 4 x 5 inches

**School IPM
Emergency Notification / Posting
N.J.A.C. 7:30 - 13.7**

School Pest Emergency
Following a school pest emergency pesticide application notifications and postings are still required

Notify - within 24 hours or on the next school morning, whichever is the shorter period of time

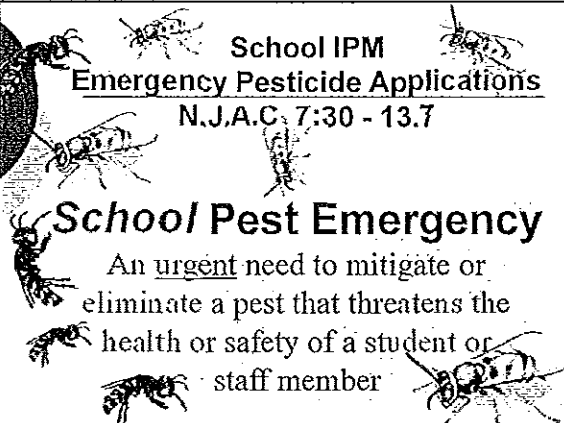
Posting - A three (3) day posting instead of a 6 day posting / beginning at the end of the application for the following 7 days



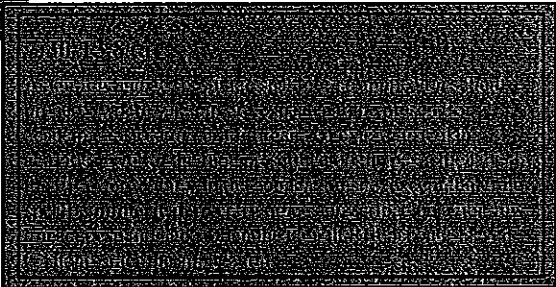
**School IPM
Emergency Pesticide Applications
N.J.A.C. 7:30 - 13.7**

School Pest Emergency

An urgent need to mitigate or eliminate a pest that threatens the health or safety of a student or staff member



**Other than Low Impact Pesticide Applications: Prohibitions
N.J.A.C. 7:30 - 13.8**



New Jersey School IPM Resources

Education / Outreach

Tim Boyle

(609) 984-6908

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Other resources:

How-to manuals, fact sheets, checklists, templates, guidance for writing a school IPM plan, training announcements etc...

can be found at the DEP web site <http://www.njipm.org> or at


The Rutgers Cooperative Extension web site

<http://www.pestmanagement.rutgers.edu/ipm/schoolipm/index.htm>

www.njipm.org

Compliance & Enforcement

HOME
Report Incident
Online Reports
Licensing
Permits
Pesticide Application
Registration
NJ Pesticide Use
Restrictions
Links
School IPM
Contact Us
Help
Site Map

 **New Jersey School Integrated Pest Management (IPM) Program**

Welcome to the New Jersey School IPM web site...

This site was created by the NJ DEP Pesticide Control Program to assist New Jersey schools in the adoption and implementation of Integrated Pest Management in compliance with state law. We have provided a resource base of regulatory information and documentation as well as links to other sources of educational information relating to IPM.

Registration	Training	Pesticide Application
Licensing	Links	Restrictions
Permits	NJ School IPM Manual	Publications
Reports	Publications	Contact Us

Compliance & Enforcement

HOME
Report Incident
Online Reports
Licensing
Permits
Pesticide Application
Registration
NJ Pesticide Use
Restrictions
Links
School IPM
Contact Us
Help
Site Map

New Jersey School Integrated Pest Management (IPM) Program

Tools and Templates

◆ Model IPM Policy	◆ Download Form to PDF
◆ Guidance for IPM Plan Dev.	◆ Download Form to PDF
◆ Model IPM Plan (p. 23-26 revised)	◆ Download Form to PDF
◆ Model Contract	◆ Download Form to PDF
◆ Annual No-tolerance Form	◆ Download Form to PDF
◆ Pesticide No-tolerance Form	◆ Download Form to PDF
◆ Emergency Notification Form	◆ Download Form to PDF
◆ Pesticide Form	◆ Download Form to PDF
◆ School App. Service Report Form	◆ Download Form to PDF
◆ Camp Status Certification Form	◆ Download Form to PDF