

CHILDREN'S AND FAMILIES PROTECTION ACT

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massnrc.org/ipm

Starting Points

- You cannot apply any pesticide on school grounds without a Mass. Pesticide license
- Stay in communication with Pest Control company/Landscaper about pest issues
- Review Children and Families Protection Act
- Be aware of all activities on school grounds. (Youth sports, town activities, other groups.)
- Make sure company for hire has insurance and pesticide license.

What is considered a school in CFPA?

- Day Care Center
- School Age Child Care Program
- Public School K-12
- Private School K-12
- CFPA applies to any activity on school grounds or fields used primarily for school activity

Exemptions: Family Day Care
Summer Camps
Sports Camps
Religious Classes such as CCD

**Every School needs a yearly updated
IPM plan that shall be submitted
through the IPM website and
maintained on site.**



What needs to be on
the plan?

IPM PLAN COMPONENTS

- Indoor and Outdoor plans
- School Info
- School IPM Coordinator and Committee
- IPM Policy
- ID of pest problems
- Communication
- Products allowed for use
- Non pesticide control techniques
- Submission/review date

Core;
website

Labels of Products Used
Pesticide application records
Pest Sighting log sheet (date, pest issue,
what was done about it.)

What is IPM?

- Integrated pest management is an effective, environmentally friendly approach to pest management that relies on a combination of commonsense practices
- Using methods to avoid using pesticides to control pest problem. Act quickly and rationally.

Acton-Boxborough Regional High INDOOR INTEGRATED PEST MANAGEMENT (IPM) PLAN

36 Charter Rd
Acton, MA 01720

IPM Coordinator

Alvin Hastings

Primary Contact

Alvin Hastings, 508-326-0536, ahastings@abschools.org

This School has a contract with

- John Evangelous of Acton Pest Control, 978-263-6000.

By signing the end of this indoor IPM plan, the IPM coordinator, Alvin Hastings, of this School and the Pest Management Professionals described above acknowledge, and agree to the terms of this INDOOR integrated pest management plan.

A .INTRODUCTION

In compliance with the Act Protecting Children and Families from Harmful Pesticides, Acton-Boxborough Regional High on 12/1/2015 12:51:00 PM has prepared the following indoor IPM plan. By centralizing all of the information about this facility's pest management practices the plan serves as a guide to direct this facility's IPM coordinator, Alvin Hastings , about pest control and pesticide use.

This plan describes the pest management practices for indoor areas of the Acton-Boxborough Regional High and clearly states it's pesticide use policies.

A copy of the plan has been filed with the Massachusetts Department of Agricultural Resources (MDAR), and at least one printed copy must be kept on site and made available to the public upon request.

Objectives

The objectives of the integrated pest management program conducted at the Acton-Boxborough Regional High are listed below.

- Reduce children's exposure to pesticides and pesticide residues whenever possible.
- Manage pests that may occur on facilities to prevent interference with the learning environment of the students.
- Provide the safest playing or athletic surfaces possible.

K. LIST OF PESTICIDES TO BE USED INSIDE THE FACILITY

The following list includes all the pesticides that will be used inside the Acton-Boxborough Regional High. This list includes all herbicides, fungicides, and insecticides that will be used in the event that chemical is required.

Pesticide Name	Active Ingredient	EPA		Rationale for use
		Registration #	Target Pest	
Cimexa	Amorphous	73079-12	Insects	Human Hazard
Borid	Orthoboric	9444-129	Insects	Human Hazard
Resolve Soft Bait	Bromadiolone	7173-297	Mice	Human Hazard
DitracBlox	Diphacinone	12455-80	Mice	Human Hazard
Final	Brodifacoum	12455-89	Mice	Human Hazard
First Strike Soft Bait	Diphethialone	7173-258	Mice	Human Hazard
Delta Dust	Deltamethrin	432-772	Insects	Human Hazard
Cyber ESP	Cypermethrin	53883-340	Insects	Human Hazard
Tempo	Cyano	432-1302	Insects	Human Hazard
Contrac Baitbox	Bromadiolone	12455-79	Mice	Human Hazard

I attest, to the best of my knowledge, that the above information is complete, accurate and true

IPM Coordinator Signature

____/____/____
Date

Administrator, Director, or Principal

____/____/____
Date

Indoor IPM Plan originally submitted on: 12/19/2012 11:10:00 AM
Plan updated by Alvin Hastings on: 12/1/2015 12:51:00 PM

Check to see if your school has an IPM plan

www.massnrc.org/ipm

- Should have username and password to log into site and access/edit plan
- If you do not have username/password contact Trevor Battle 617-626-1775 or email at trevor.battle@state.ma.us



School IPM Program

Children's and Families Protection Act



Create/Edit IPM Plan Online

Locate a Plan

What is IPM?

Children's Protection Act

Compliance Checklist

Standard Written Notification

Emergency Waiver

Pesticides not Allowed

Frequently Asked Questions

Contact Us

MDAR Home



for Schools and Daycare

Make your IPM plan online. Get help & information. Compliance Checklist. [PDF]



for Parents

Find a school's IPM plan. Find out about IPM & pesticides. Get IPM news & announcements.



for Pest Management Professionals

Learn the basics of the Act. Get answers about the Act. Pest updates - Head Lice

Photo Courtesy of NPMA

News

[CFPA Regulations \[PDF\]](#)

[Standard Written Notification Options](#)

[Resmethrin No Longer Allowed on Massachusetts School Property](#)

[Mosquito Control and IPM Plans](#)

Compliance Rates

Schools
97% With Plans
3% No IPM Plans

Daycares
94% With Plans
6% No IPM Plans

[List of Schools Without IPM Plans on file.](#)

Where do I log in?

School IPM Program

[For Schools/Daycare...](#) [IPM Tools & Resources...](#) [IPM Plan Maker...](#)



Make Your IPM Plan Online

[Home](#)

[Create/Edit IPM Plan Online](#)

[Locate a Plan](#)

[What is IPM?](#)

[Children's Protection Act](#)

[Standard Written Notification](#)

[Emergency Waiver](#)

[Pesticides not Allowed](#)

[IPM News](#)

[Contact Us](#)

[What You'll Need to Complete Your IPM Plans](#)

This document will help you gather the information you'll need to complete your plans.

Start your process by logging in or registering below. Please check the [Technical Requirements](#) before you start.

LOGIN TO EDIT PLANS

Sign in here every time you need to edit your IPM plans using the username and password you chose when you registered your school for the first time.

Username:

Password:



Login

[Forgot your password?](#)

Username and Password are not case-sensitive.

OR

REGISTER YOUR SCHOOL

If you have not started your school's plan yet, then please click below to fill in some basic information and get started on your plan.

Register

FORGOT YOUR PASSWORD?

If you've forgotten your password, we may be able to email it to you. Please click below to try to retrieve your password.

[Retrieve lost password](#)

C

[Cambridge \(90\)](#)
[Canton \(33\)](#)
[Carlisle \(4\)](#)
[Carver \(9\)](#)
[Charlemont \(1\)](#)
[Charlton \(8\)](#)
[Chatham \(4\)](#)
[Chelmsford \(33\)](#)
[Chelsea \(17\)](#)
[Cheshire \(3\)](#)
[Chesterfield \(2\)](#)
[Chicopee \(46\)](#)
[Chilmark \(3\)](#)
[Clarksburg \(1\)](#)
[Clinton \(8\)](#)
[Cohasset \(8\)](#)
[Colrain \(1\)](#)
[Concord \(29\)](#)
[Conway \(1\)](#)
[Cummington \(1\)](#)

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D

[Dalton \(6\)](#)
[Danvers \(29\)](#)
[Dartmouth \(33\)](#)
[Dedham \(25\)](#)
[Deerfield \(11\)](#)
[Dennis \(10\)](#)
[Dighton \(6\)](#)
[Douglas \(6\)](#)
[Dover \(13\)](#)
[Dracut \(24\)](#)
[Dudley \(5\)](#)
[Dunstable \(3\)](#)
[Duxbury \(14\)](#)

E

[East Bridgewater \(12\)](#)
[East Brookfield \(1\)](#)
[East Longmeadow \(24\)](#)
[Eastham \(3\)](#)
[Easthampton \(16\)](#)
[Easton \(26\)](#)
[Edgartown \(2\)](#)
[Egremont \(2\)](#)
[Erving \(1\)](#)
[Essex \(3\)](#)
[Everett \(22\)](#)

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F

[Fairhaven \(14\)](#)
[Fall River \(56\)](#)
[Falmouth \(34\)](#)
[Fitchburg \(41\)](#)
[Florida \(1\)](#)
[Foxborough \(22\)](#)
[Framingham \(59\)](#)
[Franklin \(29\)](#)
[Freetown \(9\)](#)

G**H**

School IPM Program

For The Public... Locate your Schools IPM Plan...

Make Your IPM Plan Online



[Home](#)

[Create/Edit IPM Plan Online](#)

[Locate a Plan](#)

[What is IPM?](#)

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[IPM News](#)

[Contact Us](#)

SEARCH RESULTS FOR SCHOOLS IN "BOSTON"

i CAN'T FIND YOUR SCHOOL?
 YOU MUST SCROLL DOWN THE ENTIRE PAGE TO VIEW ALL FACILITIES WITH IPM-PLANS
 (SUBMISSION THROUGH INTERNET & ALTERNATIVE SUBMISSION METHOD).

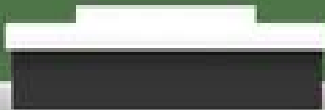
PLANS SUBMITTED VIA THE INTERNET:

(Endicott) Middle School Academy	City/Town: Boston
Type of Plan:	Date Recorded: Date Updated:
Indoor - View Plan	1/17/2007 3/16/2010
Outdoor - View Plan	1/17/2007 3/16/2010
.....2 New	City/Town: Boston
Whitney A.S.P.	Date Recorded: Date Updated:
Type of Plan:	6/13/2011 6/13/2011
Indoor - View Plan	6/13/2011 6/13/2011
Outdoor - View Plan	
A Better Choice for Education, Inc	City/Town: Boston
Type of Plan:	Date Recorded: Date Updated:
Indoor - View Plan	2/6/2005 2/6/2005
Outdoor not yet submitted	n/a n/a
A Childs View	City/Town: Boston
Type of Plan:	Date Recorded: Date Updated:
Indoor - View Plan	6/14/2010 6/14/2010
Outdoor - View Plan	6/14/2010 6/14/2010
A Child's View	City/Town: Boston
Type of Plan:	Date Recorded: Date Updated:
Indoor - View Plan	3/6/2012 3/6/2012
Outdoor - View Plan	3/6/2012 3/6/2012
A Child's View Early Learning Center	City/Town: Boston
Type of Plan:	Date Recorded: Date Updated:

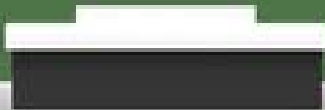
Applicator is going to make an application to the inside of a school....



**WHAT TYPES OF
FORMULATIONS
CAN APPLICATOR
USE?**



- **Baits**
- **Gels**
- **Dusts**
- **25B products**
- **Termiticides, if active infestations
(Notification required)**



Prior to the application....

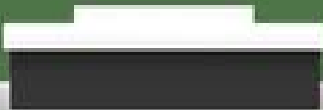
1. Receive Label from company
2. Pest **MUST** be listed on plan
3. Pesticide **MUST** be listed on plan

You should be checking the IPM each and every time there is a pesticide application!!!!

Applicator is going to make an application to the outside of a school....



**WHAT TYPES OF
PRODUCTS ARE
ALLOWED TO
BE USED?**



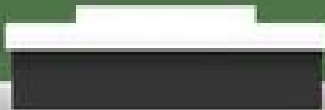
- Products that are NOT a probable or likely carcinogen
- Products that do NOT have “*Inert Ingredients of Toxicological concern*”
- List is on massnrc.com/ipm website or will state on label

Prior to the application....

1. Receive Label from company
2. Pest needs to be listed on plan
3. Pesticide needs to be listed on plan
4. Receive Standard Written Notification from the company or print out on own
5. Give company verification that you have received the notification and will be sending it out.

You should be checking the IPM each and every time a pesticide application is made!!!!

What is “Standard Written Notification”?



PESTICIDE STANDARD WRITTEN NOTIFICATION FOR SCHOOLS, DAY CARE PROGRAMS, AND SCHOOL-AGE CHILDCARE PROGRAMS

- The school, day care center, and/or school-age childcare program is responsible for sending this standard written notification form to employees, pupils, parents etc. to insure that they receive this information at least 2 working days prior to any pesticide use.
- It is recommended that the Pest Management Professional use this ready-to-copy standard written notification form for the purpose of providing pesticide use information to the school, day care center, and/or school-age childcare program. The Pest Management Professional should save this form for copying.

School: _____
Name of School , Day care center, and/or School age childcare program

Pest Management Company: _____
(Please Print) Name Address

Pest Management Professional: _____
(Please Print) License number

A. List the Approximate Dates on which the pesticide use shall commence and conclude

Beginning Date _____ **Ending Date** _____

B. Record the specific location of the anticipated pesticide use

C. Pesticide Information (Pest Management Professional should be specific as is possible when listing product(s) to be used)

Pesticide Product Name	Pesticide Type	EPA Registration #	Description/Purpose of treatment and/or application
1.			

THE COMMONWEALTH OF MASSACHUSETTS

EXECUTIVE OFFICE OF ENERGY AND ENVIRONMENTAL AFFAIRS



Department of Agricultural Resources

251 Causeway Street, Suite 500, Boston, MA 02114
617-626-1700 fax: 617-626-1850 www.mass.gov/agr



THE ACT PROTECTING CHILDREN AND FAMILIES FROM HARMFUL PESTICIDES OF 2000

Massachusetts Pesticide Enforcement Consumer Information Bulletin FOR SCHOOLS, DAYCARE CENTERS AND SCHOOL AGE CHILD CARE PROGRAMS

The Massachusetts Pesticide Control Act requires parents, staff, and children to receive this Consumer Information bulletin whenever pesticide applications are being made on the property of your school, daycare center or school age child care program. This bulletin is being provided to you along with a Standard Written Notification form and a Pesticide Specific Factsheet.

Why am I receiving this information and what should I do when I receive it?

The purpose of the Standard Written Notification is to provide you with information about pesticide applications which are taking place on the property of your school, day care center or school age child care program. The bulletin provides information about precautions you can take to minimize exposure to any pesticides. The Pesticide Specific Factsheets provide information about the properties of the pesticides being used.

Who applies pesticides in my school, daycare center or school age child care program?

Commercial pest management professionals, facilities managers, grounds personnel or custodians. Regardless of the approach used, the person who applies the pesticides must have a current and valid Pesticide Bureau Applicator license. Check the standard written notification form for the applicator's license number.

How do I know when pesticides are being applied?

Employees, supervised children and their guardians must receive standard written notification at least two working days prior to the application of pesticides outdoors on the property. The standard written notification form, which accompanies this bulletin, includes:

Welcome to Search and Browse for EXTOXNET... *Pesticide Information Profiles (PIPs)*

EXTOXNET is a cooperative effort of University of California-Davis, Oregon State University, Michigan State University, Cornell University, and the University of Idaho.
Primary files are maintained and archived at Oregon State University.



This page allows both browsing and searching - [select](#) for details.

If you don't have a browser that can supports forms, you can still [make a search](#).

Search... What would you like to search for?

- [Search tips...](#)

Case insensitive Allow partial match to a word

Click [here](#) for **detailed search options**.

EXTOXNET

Extension Toxicology Network

Pesticide Information Profiles

A Pesticide Information Project of Cooperative Extension Offices of Cornell University, Oregon State University, the University of Idaho, and the University of California at Davis and the Institute for Environmental Toxicology, Michigan State University. Major support and funding was provided by the USDA/Extension Service/National Agricultural Pesticide Impact Assessment Program.

EXTOXNET primary files maintained and archived at Oregon State University

Revised 9/95.

BIFENTHRIN

TRADE OR OTHER NAMES: Product names include Talstar, Bifenthrine, Brigade, Capture, FMC 54800, OMS3024, Torant (with Clofentezine), and Zipak (with Amitraz) (61, 11).

REGULATORY STATUS: Bifenthrin is a Restricted Use Pesticide (RUP). It is for retail sale to and use only by certified applicators or persons under their direct supervision. It is only for the uses covered by the applicators certification (11). In the U.S., bifenthrin is registered for use on greenhouse ornamentals and cotton (12).

INTRODUCTION: Bifenthrin is a member of the pyrethroid chemical class. It is an insecticide and acaricide which affects the nervous system and causes paralysis in insects (61, 11). It is very highly toxic to fish and aquatic organisms (11, 62). The U.S. EPA has classified bifenthrin as Toxicity Class II-moderately toxic. Products containing bifenthrin must bear the SIGNAL WORD: WARNING. It is available as an emulsifiable concentrate or a wettable powder (12).

TOXICOLOGICAL EFFECTS

- **Acute Toxicity:** Bifenthrin is moderately toxic to mammals when ingested. Large doses may cause incoordination, tremor, salivation, vomiting, diarrhea, and irritability to sound and touch (68). The dose at which half of the test animal die, the LD50, for bifenthrin is about 54 mg/kg in female rats and 70 mg/kg in male rats (63). The LD50 for rabbits whose skin is exposed to bifenthrin is greater than 2,000 mg/kg (11). Bifenthrin does not sensitize the skin of guinea pigs (62). Although it does not cause inflammation or irritation on human skin, it can cause a tingling sensation which lasts about 12 hours. It is virtually non-irritating to rabbit eyes (68).
- **Chronic Toxicity:** No information Available.
- **Reproductive Effects:** The dose at which no toxic effect of bifenthrin is observed on the mother (maternal toxicity NOEL) is 1 mg/kg/day for rats and 2.67 mg/kg/day for rabbits. At higher doses, test animals had tremors (67). The dose at which no toxic effect is observed on development (developmental toxicity NOEL) is 1 mg/kg/day for rats and is greater than 8 mg/kg/day for rabbits (11).
- **Teratogenic Effects:** Bifenthrin does not demonstrate any teratogenic effects at the highest levels tested (100 ppm, approximately 5.5 mg/kg/day) in a two-generational study in rats (63).
- **Mutagenic Effects:** Evidence of mutagenic effects from exposure to bifenthrin are inconclusive. Studies of mouse white blood cells were positive for gene mutation. However, other tests of bifenthrin's mutagenic effects, including the Ames test and studies in live rat bone marrow cells, were negative (11).
- **Carcinogenic Effects:** There was no evidence of cancer in a 2-year study of rats who ate as much as 10 mg/kg/day of bifenthrin. However, an 87 week feeding study of mice with doses of 7, 29, 71, and 86 mg/kg showed a significantly higher, dose related trend of increased tumor incidence in the male urinary bladder (63, 67). The incidence was significantly increased at 86 mg/kg/day. Also, females had higher incidences of tumors than the control at doses of 7, 29, and 71 mg/kg (67). The EPA has classified Bifenthrin as a Group C carcinogen, possibly human carcinogen (11, 62).

What is bifenthrin?

Bifenthrin is an insecticide in the pyrethroid family. Pyrethroids are man-made versions of pyrethrins, which come from chrysanthemum flowers. Bifenthrin is used on various agricultural crops and in homes.

Bifenthrin was first registered for use by the United States Environmental Protection Agency (U.S. EPA) in 1985.

What are some products that contain bifenthrin?

Products containing bifenthrin come in many forms, including sprays, granules, and aerosols. There are over 600 products containing bifenthrin available in the United States.

Always follow label instructions and take steps to avoid exposure. If any exposures occur, be sure to follow the First Aid instructions on the product label carefully. For additional treatment advice, contact the Poison Control Center at 1-800-222-1222. If you wish to discuss a pesticide problem, please call 1-800-858-7378.

How does bifenthrin work?

Bifenthrin interferes with the nervous system of insects when they eat or touch it. It's more toxic to insects than it is to people because insects have lower body temperatures and smaller body size.

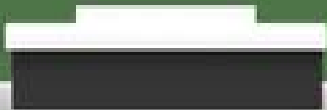


Chrysanthemum flower

Three Parts to Notification

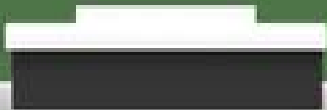
- Standard Written Notification Form
- Consumer Information Bulletin
- Chemical Data Fact Sheet (Extoxnet, NPIC, EPA website)

**How far in advance does
notification need to be sent out to
parents, pupils & employees???**



- Parents, pupils & employees must receive notification materials **TWO** full working days prior to the application (mail, online notification website, email).
- Be sure to send copies to company & keep copies of notification.

**What is the exception to
the rule of notification?**

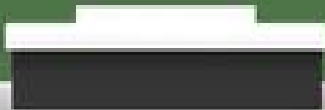


- No SCHOOL RELATED ACTIVITIES for 5 consecutive days after the application
- Must send something in writing to company stating no school related activity for certain dates.

There is a yellow jackets nest outside
the school door and a child has an
allergy to bee stings. You can't wait
two days for the notification to go
out...



What do you do???????



School can file for an Emergency Waiver

If there is a pest situation that:

- poses an immediate threat to human health

AND

- there are no other viable non-chemical alternatives

School may file for an emergency waiver from the
local Board of Health agent or the Pesticide
Bureau

Prior to the application....

1. Make sure you send copy of the SIGNED Emergency Waiver to the company.
2. Signs shall be posted and stay up for at least 72 hours after the application. Signs posted at conspicuous points of access to the treated area. YELLOW signs
3. Standard written notification must be provided immediately prior to, or if necessary immediately after the application for indoor & outdoor applications.

How to Obtain Mass. Pesticide License

- <http://www.mass.gov/eea/agencies/agr/pesticides/exam-applications-workshops-and-study-materials.html>
- Take exam
- Once you receive license in hand you can apply pesticides on school grounds.



Review

- Update IPM Plan once a year or when necessary (adding pesticide product info to plan)
- Always stay in communication with pest control/landscaper.
- Standard Written Notification or Emergency Waiver
- Keep copies of everything (5 years minimum). Binder with plan, labels, pest sighting log sheet & pesticide application records.

QUESTIONS



Jesse Diamond

Pesticide Inspector

(617) 626-1781

Jesse.Diamond@state.ma.us

