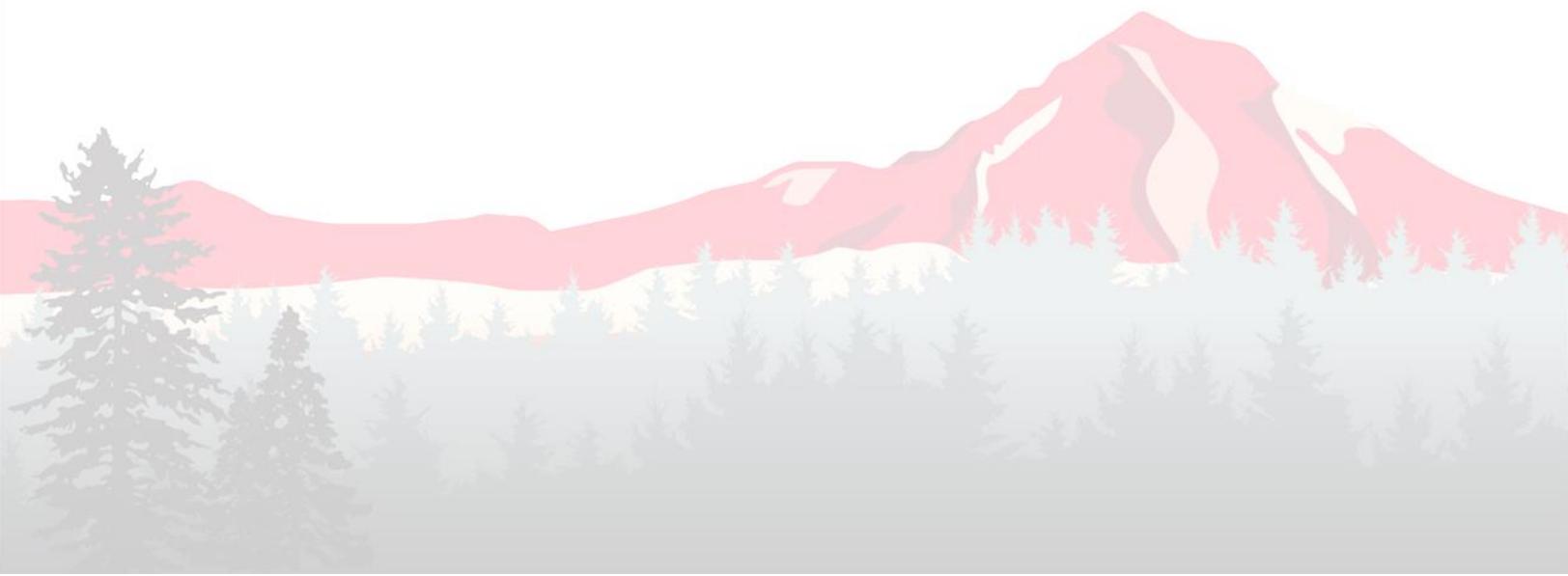


**MT. HOOD**  
COMMUNITY COLLEGE

## Integrated Pest Management (IPM) Plan

Adopted from Oregon State University's IPM Model

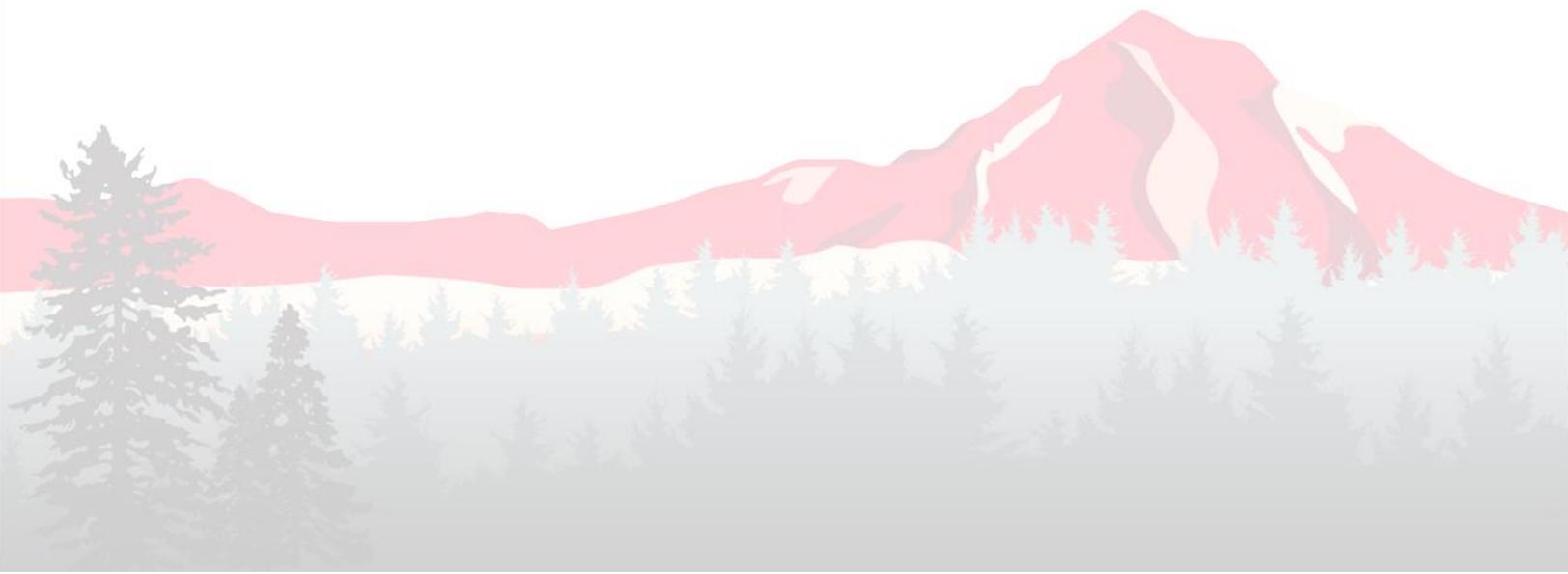
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# Table of Contents

<b>I. INTRODUCTION</b>	5
<b>II. What is Integrated Pest Management (IPM)?</b>	5
<b>III. What is an IPM Plan?</b>	6
<b>IV. IPM Plan Coordinator</b>	7
<b>V. IPM Decision Making Process</b>	8
A. Responsibilities of School Employees	
1. IPM Plan Coordinator	8
2. Custodial Services	8
3. Maintenance	8
4. Grounds Department	8
5. Kitchen Staff	9
6. Faculty	9
B. Monitoring – Reporting – Action Protocol (see appendix A- Process Map)	9
1. Three levels of monitoring	10
2. Sticky monitoring traps for insects	10
3. Reporting (pests, signs of pests, and conducive conditions)	11
4. Reporting “Pests of Concern”	11
5. Action!	11
6. Acceptable Thresholds	12
C. Inspections	12
D. Pest Emergencies	12
E. Annual IPM Report (completed by IPM Plan Coordinator)	13
<b>VI. Required Training and Education</b>	13
A. IPM Plan Coordinator	13
B. Custodial Staff	13
C. Maintenance Staff	13
D. Grounds Staff	13
E. Kitchen Staff	14
F. Faculty and Staff	14
G. Other Training	14

<b>VII. Pesticide Applications: Required Notifications, Postings, Record Keeping, and Reporting (see Appendix B- Record Keeping Document)</b>	14
A. Notification and Posting for Non-emergencies	14
B. Notification and Posting for Emergencies	15
C. Record Keeping of Pesticide Applications	15
<b>VIII. Approved List of Low Impact Pesticides</b>	16
<b>IX. APPENDICES-</b>	
A. Process Map	17
B. Record keeping Document	18
C. State Approved List of Chemicals Used at MHCC	19
D. OSU's Complete List of State Approved Chemicals (reference)	22



## I. Introduction

Structural and landscape pests can pose significant problems in schools. Pests such as mice and cockroaches can trigger asthma. Mice and rats are vectors of disease. Many children are allergic to yellow jacket stings. The pesticides used to remediate these and other pests can also pose health risks to people, animals, and the environment. These same pesticides may pose special health risks to children due in large part to their still-developing organ systems. Because the health and safety of students and staff is our first priority – and a prerequisite to learning –, it is the policy of Mt. Hood Community College to approach pest management with the least possible risk to students and staff. *In addition, Senate Bill 637 (incorporated into ORS Chapter 634 upon finalization in 2009) requires all school districts to implement integrated pest management in their schools.*

For this reason, the Mt. Hood Community College District Board of Education adopts this integrated pest management plan for use on Mt. Hood Community College campuses.

## II. What is Integrated Pest Management (IPM)?

Integrated Pest Management, also known as IPM, is a process for achieving long-term, environmentally sound pest suppression through a wide variety of tactics. Control strategies in an IPM program include structural and procedural improvements to reduce the food, water, shelter, and access used by pests. Since IPM focuses on remediation of the fundamental reasons why pests are here, pesticides are rarely used and only when necessary.

### IPM Basics

Education and Communication: The foundation for an effective IPM program is education and communication. We need to know what conditions can cause pest problems, why and how to monitor for pests, proper identification, pest behavior and biology before we can begin to manage pests effectively. Communication about pest issues is essential. *A protocol for reporting pests or pest conducive conditions and a record of what action was taken is the most important part of an effective IPM program.*

Cultural & Sanitation: Knowing how human behavior encourages pests helps you prevent them from becoming a problem. Small changes in cultural or sanitation practices can have significant effects on reducing pest populations. Cleaning under kitchen serving counters, reducing clutter in classrooms, putting dumpsters further from kitchen door/loading dock, proper irrigation scheduling, and over-seeding of turf areas are all examples of cultural and sanitation practices that can be employed to reduce pests.

Physical & Mechanical: Rodent traps, sticky monitoring traps for insects, door sweeps on external doors, sealing holes under sinks, proper drainage and mulching of landscapes, and keeping vegetation at least 36 inches from buildings are all examples of physical and mechanical control.

Pesticides: IPM focuses on remediation of the fundamental reasons why pests are here; pesticides should be rarely used and only when necessary.

# IPM Basics



## III. What is an IPM Plan?

ORS 634.700 defines an IPM plan as a proactive strategy that:

- A. Focuses on the long-term prevention or suppression of pest problems through economically sound measures that:
  1. Protect the health and safety of students, staff and faculty;
  2. Protect the integrity of campus buildings and grounds;
  3. Maintain a productive learning environment; and
  4. Protect local ecosystem health;
- B. Focuses on the prevention of pest problems by working to reduce or eliminate conditions of property construction, operation and maintenance that promote or allow for the establishment, feeding, breeding and proliferation of pest populations or other conditions that are conducive to pests or that create harborage for pests;
- C. Incorporates the use of sanitation, structural remediation or habitat manipulation or of mechanical, biological and chemical pest control measures that present a reduced risk or have a low impact and, for the purpose of mitigating a declared pest emergency, the application of pesticides that are not low-impact pesticides;
- D. Includes regular monitoring and inspections to detect pests, pest damage and unsanctioned pesticide usage;
- E. Evaluates the need for pest control by identifying acceptable pest population density levels;
- F. Monitors and evaluates the effectiveness of pest control measures;
- G. Excludes the application of pesticides on a routine schedule for purely preventive purposes, other than applications of pesticides designed to attract or be consumed by pests;
- H. Excludes the application of pesticides for purely aesthetic purposes;
- I. Includes school staff education about sanitation, monitoring and inspection and about pest control measures;
- J. Gives preference to the use of nonchemical pest control measures;

- K. Allows the use of low-impact pesticides if nonchemical pest control measures are ineffective; and
- L. Allows the application of a pesticide that is not a low-impact pesticide only to mitigate a declared pest emergency or if the application is by, or at the direction or order of, a public health official.
- M. The above definition is the basis for Mt. Hood Community College's IPM plan. This plan fleshes out the required strategy from ORS 634.700 – 634.750 for Mt. Hood Community College.

*Note:* As mentioned above, ORS 634.700 allows for the routine application of pesticides designed to be consumed by pests. To avoid a proliferation of pests and/or unnecessary applications of pesticides, several steps must be taken before **any** "routine" applications are allowed:

- N. Staff must be educated on sanitation, monitoring, and exclusion as the primary means to control the pest.
- O. An acceptable pest population density level must be established.
- P. The use of sanitation, structural remediation or habitat manipulation or of mechanical or biological control methods must be incorporated into the management strategy of the pest.
- Q. Documentation that the above steps were ineffective.
- R. The pesticide label must be read thoroughly to make sure the pesticide will be used in strict compliance with all label instructions.

#### **IV. School IPM Coordinator**

Note: ORS 634.720 states that the Coordinator "must be an employee of the governed district, unit, school or entity, unless the governing body delegates pest management duties to an independent contractor."

The Coordinator is key to successful IPM implementation at Mt. Hood Community College, and is given the authority for overall implementation and evaluation of this plan. The Coordinator is responsible for:

Attending not less than six hours of IPM training each year which will include a general review of IPM principles and the requirements of ORS 634.700 – 634.750. It will also include hands-on training on updated exclusion practices, monitoring & inspection techniques, and management strategies for common pests.

- A. Conducting outreach to the school community (custodians, maintenance, grounds, faculty, and staff) about the school's IPM plan, The IPM Plan Coordinator (or designee) will provide training as outlined in Section VII below.
- B. Overseeing pest prevention efforts. The Coordinator will work with custodians, faculty, staff, and maintenance to reduce clutter and food in the classrooms, and seal up pest entry points.
- C. Assuring that the decision-making process for implementing IPM in the district (section V) is followed; The Coordinator will continually assess and improve the pest monitoring, reporting and action protocol.
- D. Assuring that all notification, posting, and record-keeping requirements in section VI are

- met when the decision to make a pesticide application is made;
- E. Maintaining the approved pesticides list as per section VIII; and
  - F. Responding to inquiries and complaints about noncompliance with the plan. Responses to inquiries and complaints will be in writing and kept on record with the Coordinator.

## **V. IPM Decision Making Process**

### **A. Responsibilities of School District Employees (See Section IV above)**

#### **B. Custodial Services Responsibilities**

1. Attending IPM training provided by the IPM Plan Coordinator (or designee).
2. Placing and checking sticky insect monitoring traps in staff lounge, cafeteria, and kitchen as per the IPM Plan Coordinator's instructions.
3. Keeping records of pest complaints.
4. Assuring floor under serving counters is kept free of food and drink debris.
5. Sealing up small cracks or holes when reported by faculty or staff or noticed by custodian when this can be done in a short time (e.g. less than 15 minutes).
6. Recording his/her pest management actions.
7. Reporting pest problems that he/she cannot resolve in less than 15 minutes to the IPM Plan Coordinator.
8. Reporting faculty and staff to the IPM Plan Coordinator or maintenance who need assistance to reduce clutter and other pest-conducive conditions in their classrooms.
9. Reporting pest-conducive conditions to the IPM Plan Coordinator if the custodian cannot fix them in less than 15 minutes.
10. Confiscating any unapproved pesticides (such as aerosol spray cans) discovered during inspections or regular duties and delivering them to the IPM Plan Coordinator.
11. Following up on issues as instructed by the IPM Plan Coordinator (IPM Plan Coordinator will determine which areas receive annual inspections based on pest and pesticide use history).

#### **C. Maintenance Responsibilities**

1. Staff involved in facilities maintenance and construction are responsible for working with the IPM Plan Coordinator to ensure their daily tasks, projects and operations enhance effective pest management. This includes:
2. Receiving training from the IPM Plan Coordinator (or designee of the Coordinator) on the basic principles of IPM, sealing pest entry points, and sanitation during projects and daily work.
3. Continually monitoring for pest conducive conditions during daily work, and sealing small holes and cracks when noticed (if they can be sealed in a short period of time – less than 15 minutes).
4. Working with the Coordinator to develop a protocol and priority list with deadlines for sealing holes, installing external door sweeps, and other pest exclusion needs which cannot be done in a short period of time (e.g. 15 minutes).
5. Developing protocols and provisions for pest avoidance and prevention during construction and renovation projects. The IPM Plan Coordinator has the authority to halt construction projects if these protocols and provisions are not being met.

#### D. Grounds Department Responsibilities

1. Attending IPM training provided by the IPM Plan Coordinator (or designee).
2. Keeping vegetation (including tree branches and bushes) at least three feet from building surfaces.
3. Proper mulching in landscaped areas to reduce weeds.
4. Proper fertilization, over-seeding, mowing height, edging, drainage, aeration, and irrigation scheduling in turf areas to reduce weeds
5. When the decision is made to apply a pesticide, following notification, posting, record keeping and reporting protocols in Section VI.

#### E. Kitchen Staff Responsibilities

1. Attending IPM training provided by the IPM Plan Coordinator (or designee).
2. Assuring floor under serving counters is kept free of food and drink debris.
3. Promptly emptying and removing corrugated cardboard materials.
4. Keeping exterior kitchen doors closed.
5. Reporting pest conducive conditions that require maintenance (e.g., leaky faucets, dumpster too near building, build-up of floor grease requiring spray- washing, etc.) to proper staff either orally or via email.
6. Participating in any inspections conducted by the IPM Plan Coordinator.
7. Immediately reporting any evidence of cockroaches or drain flies and any sightings of rodents or rodent droppings to the IPM Coordinator

#### F. School Faculty and Staff Responsibilities

1. Attending/receiving basic IPM training provided by the IPM Plan Coordinator (or designee).
2. Keeping their classrooms and work areas free of clutter.
3. Making sure students clean up after themselves when food or drink is consumed in the classroom.
4. Reporting pests and pest conducive conditions to the IPM Coordinator either orally or via email.
5. Following first steps of protocol for ant management before notifying the custodian (clean up any food the ants are eating, kill visible ants, wipe down area where ants were with soapy water, notify custodian only if ants continue to be found after following these steps).

#### G. Monitoring – Reporting – Action Protocol

Monitoring is the most important requirement of ORS 634.700 – 634.750. It is the backbone of Mt. Hood Community College's IPM Program. Monitoring provides recent and accurate information to make intelligent and effective pest management decisions. It is defined as the regular and ongoing inspection of areas where pest problems do or might occur.

As much as possible, monitoring should be incorporated into the daily activities of school staff. Staff training on monitoring should include what to look for and how to record and report the information.

There are three levels of monitoring:

Casual observing/looking with no record keeping is not helpful, but casual observing/looking with written observations can be very useful.

#### Level 1 monitoring (all staff)

- A. All staff will be trained to improve their “casual observing/looking” to level 2, and to report any pests and pest-conducive conditions they observe. Faculty, administration, maintenance, kitchen staff and school nurses, etc. conduct Level 2 monitoring.
- B. After a brief (15 – 20 minute) training by the IPM Plan Coordinator (or designee) on pests and pest conducive conditions, staff will be expected to report pests or pest conducive conditions they observe during the normal course of their daily work.
- C. Reporting will be done by informing the custodial/maintenance/EHS staff for him/her to make a record. Custodial, maintenance, and kitchen staff are expected to monitor their areas as per Mt. hood Community College’s IPM plan.

#### Level 2 monitoring (Coordinator and Custodial staff)

The IPM Plan Coordinator (or designee) and Custodians will periodically conduct monitoring at level 3. Coordinator and Custodial staff will monitor structures:

1. Pest conducive conditions inside and outside the building (structural deterioration, holes that allow pests to enter, conditions that provide pest harborage)
2. The level of sanitation inside and out (waste disposal procedures, level of cleanliness inside and out, conditions that supply food and water to pests)
3. The amount of pest damage and the number and location of pest signs (rodent droppings, termite shelter tubes, cockroaches caught in sticky traps, etc.)
4. Human behaviors that affect the pests (working conditions that make it impossible to close doors or screens, food preparation procedures that provide food for pests, etc.)
5. Their own management activities (caulking/sealing, cleaning, setting out traps, treating pests, etc.) and their effects on the pest population.

#### Level 3 monitoring (Grounds staff)

Grounds staff will monitor Turf and Landscape:

1. The condition of the plants (vigor and appearance)
2. The amount of plant damage
3. pH, phosphorus, and potassium levels of turf
4. Kind and abundance of pests (weeds, insects, mites, moles, etc.) as well as natural enemies (ladybugs, spiders, lacewing larvae, syrphid fly larvae, etc.)

5. Weather conditions (record any unusually dry, hot, wet, or cold weather in the past few weeks)
6. Proper drainage
7. Human behaviors that affect the plants or pests (foot traffic that compacts the soil, physical damage to plants caused by people, insistence on having certain plants grow in inappropriate situations, etc.)
8. Management activities (pruning, fertilizing, mulching, aeration, treating pests, etc.) and their effects on the plants and the pest population.

#### H. Reporting (pests, signs of pests, and conducive conditions)

When staff observe pests or pest conducive conditions they should report them to the custodial/maintenance/EHS staff for him/her to write them down.

#### I. Reporting "Pests of Concern"

"A pest of concern" is a pest determined to be a public health risk or a significant nuisance pest. These include cockroaches (disease vectors, asthma triggers), mice & rats (disease vectors, asthma triggers), yellow jackets (sting can cause anaphylactic shock), cornered nutria, raccoons, opossums, skunks (they can bite), and bed bugs (significant nuisance pest).

When pests of concern (or their droppings, nests, etc.) are observed, staff should immediately tell the custodial/maintenance/EHS staff. The IPM Plan Coordinator must be contacted immediately.

#### J. Action!

##### 1. Structural

Any items (such as sealing up holes) that maintenance or custodial staff observe that they can resolve in less than 15 minutes should be taken care of. Any items that cannot be resolved in less than 15 minutes should be marked in order of priority and completed by maintenance staff. If needed, the Coordinator will determine further actions to be taken and when.

If the actions needed are not something the Coordinator can accomplish alone or with minimal assistance, the Coordinator will meet with maintenance to develop a protocol and priority list with deadlines for sealing holes, installing external door sweeps, and other pest exclusion or pest management needs. The Coordinator will then generate a work order with a proposed deadline for completion based on the severity of the risk or nuisance.

The Coordinator will monitor the completion of the work order. If the work is not completed by the proposed deadline, the Coordinator will write a follow-up e-mail to maintenance with a CC to the Director of Facilities and Risk. Upon completion of the work, the Coordinator will be notified.

Small Ants: When staff observe a small number of ants (e.g. under 10 ants) they must follow these 4 steps BEFORE calling the IPM Coordinator:

- 1<sup>st</sup>) Spend two minutes trying to find out where the ants are coming from
- 2<sup>nd</sup>) Kill the ants with a paper towel or similar
- 3<sup>rd</sup>) Remove any food or liquid the ants were eating
- 4<sup>th</sup>) Wipe down the area with soapy water or disinfectant (Clorox wipes) to remove pheromone trails

If the ants come back or there are more than a small number (more than 10 ants) of them:

- 1<sup>st</sup>) Spend two minutes trying to find out where the ants are coming from
- 2<sup>nd</sup>) Report the pests to the IPM Coordinator through work order system
- 3<sup>rd</sup>) IPM Coordinator will have Facilities seal up the crack or hole where the ants were coming from (doing what can be done in less than 15 minutes)
- 4<sup>th</sup>) Area will be wiped with soapy water or disinfectant (Clorox wipes) to remove pheromone trails

To avoid a proliferation of small ants and/or unnecessary applications of pesticides, the routine use of ant baits is not permitted without first:

- 1<sup>st</sup>) Educating staff on sanitation, monitoring, and exclusion as the primary means to control the ants.
- 2<sup>nd</sup>) Establishing an acceptable pest population density (e.g. 10 ants).
- 3<sup>rd</sup>) Improving sanitation (e.g. cleaning up crumbs and other food sources) and structural remediation (sealing up cracks or holes where the ants are coming from).

## 2. Grounds

When pests on grounds reach a threshold established by the Grounds staff lead and the IPM Plan Coordinator, action will be taken as determined by the Coordinator.

### K. Acceptable Thresholds (pest population density levels)

A threshold is defined as the number of pests that can be tolerated before taking action. The acceptable threshold for cockroaches, mice, rats, raccoons, opossums, skunks, and nutria is zero. The IPM Plan Coordinator will determine acceptable thresholds for other pests.

### L. Inspections

#### 1. Routine Inspections

- The IPM Plan Coordinator conducts routine inspections of different campus areas throughout the year. The inspections will typically last one to two hours and will focus on compliance with this plan and an inspection of any areas of concern. After each routine inspection, the Coordinator will write a short report on findings and recommendations.

#### 2. Annual Inspections

- The IPM Plan Coordinator will conduct annual inspections. The annual inspections will be more thorough than the routine inspections, and will use the Annual IPM Inspection Form to guide the inspections. The specific areas to be inspected will be determined by the IPM Plan Coordinator and The Mt. Hood Community College District Board of Education based on a review of the annual number of pest problems and pesticide applications reported in the Annual IPM Report and Annual Report of Pesticide Applications.

M. Pest Emergencies (see also Section VII. B. below)

IMPORTANT: If a pest emergency is declared, the area will be evacuated and cordoned off before taking any other steps. When the IPM Plan Coordinator, after consultation with school faculty and administration, determines that the presence of a pest or pests immediately threatens the health or safety of students, staff, faculty members or members of the public using the campus, or the structural integrity of campus facilities, he or she may declare a pest emergency. Examples include (but are not limited to) yellow jackets swarming in areas frequented by children, a nutria in an area frequented by children, a half a dozen mice or rats running through occupied areas of a school building.

N. Annual IPM Report (completed by IPM Plan Coordinator)

Each year, the IPM Plan Coordinator will provide The Mt. Hood Community College District Board of Education an annual IPM report. The report will include a summary of data gathered from Pest reports, as well as costs for PMPs and pesticides (including turf and landscape pesticides). Costs for items such as sealant, fixing screens, door sweeps and other items that would not normally be considered part of pest control would not be recorded.

Prevention and management steps taken that proved to be ineffective and led to the decision to make a pesticide application will be copied and pasted or incorporated into the annual report of pesticide applications (see section VII. D)

## VI. Required Training and Education

ORS 634.700 (3) (i) requires staff education “about sanitation, monitoring and inspection and about pest control measures”. All staff should have at least a general review of IPM principles and strategy as outlined in Sections II and III.

- A. IPM Plan Coordinator Training
- B. ORS 634.720 (2) requires that the IPM Plan Coordinator “shall complete not less than six hours of training each year. The training shall include at least a general review of IPM principles and the requirements of ORS 634.700 to 634.750.”
- C. Content should include health and economic issues associated with pests in schools, exclusion practices, pest identification and biology for common pests, common challenges with monitoring-reporting-action protocols, proper use of sticky monitoring traps for insects, and hands-on training on proper inspection techniques.
- D. Contact your Education Service District or the OSU School IPM Program for information on OSU-approved training courses.
- E. Training for Custodial Staff
- F. The IPM Plan Coordinator (or a designee of the Coordinator) will train custodial staff on sanitation, monitoring, inspection, and reporting, and their responsibilities as outlined in Section V. A.
- G. Training for Maintenance Staff
- H. The IPM Plan Coordinator (or a designee of the Coordinator) will train maintenance staff on identifying pest conducive conditions and mechanical control methods (such as door sweeps on external doors and sealing holes under sinks), and their responsibilities as outlined in Section V.

#### I. Training for Grounds Staff

The head of grounds staff (or designee) will train grounds staff. Before the training, the head of grounds staff will meet with the IPM Plan Coordinator to review the annual report of pesticide applications and plan training for all grounds staff. The annual training will review this IPM Plan (especially grounds department responsibilities outlined in Section V.A.) and data from the annual report related to pesticide applications by grounds crew. It will also review the OSU turf management publications EC 1521, EC 1278, EC 1550, EC 1638-E, and PNW 299 (available free online at <http://extension.oregonstate.edu/catalog/>). Grounds staff will also be trained in basic monitoring for common pests on grounds.

#### J. Training for Kitchen Staff

K. The IPM Plan Coordinator (or a designee of the Coordinator) will train kitchen staff on the basic principles of IPM and their responsibilities as outlined in Section V. A.

#### L. Training for Faculty and Staff

M. The IPM Plan Coordinator (or a designee of the Coordinator) will train faculty and staff on the basic principals of IPM and their responsibilities as outlined in Section V. A. These short (15 – 20 minutes) training are arranged by the Coordinator with individual principals when openings in their school Faculty Meeting schedules permit.

#### N. Other Training

Basic training on the principals of IPM and the main points of this IPM Plan should also be provided to school nurses, administrative staff, superintendents, and students.

Coaches who use athletic fields should be given an overview of basic monitoring and IPM practices for turf so they understand key pest problems to look out for and when to report them.

### **VII. Pesticide Applications: Required Notifications, Postings, Record Keeping, and Reporting**

Any pesticide application (this includes weed control products, ant baits, and all professional and over-the-counter products) on school property must be made by a licensed commercial or public pesticide applicator. At the beginning of each school year, all faculty, administrators, staff, and students will be given a list of potential pesticide products that could be used in the event that other pest management measures are ineffective. They will also be informed of the procedures for notification and posting of individual applications, including those for pest emergencies. This information will be provided to all the above via e-mail.

#### A. Notification and Posting for Non-emergencies

When prevention or management of pests through other measures proves to be ineffective, the use of a low-risk pesticide is permissible. Documentation of these measures is a pre-requisite to the approval of any application of a low-risk pesticide. This documentation will remain on file with the IPM Plan Coordinator. No non-emergency pesticide applications may occur in or around the campus during non-peak hours, unless the IPM Plan Coordinator authorizes an exception. If the labeling of a pesticide product specifies a reentry time, a pesticide may not be applied to an area of campus where the school expects students to be present before expiration of that reentry time. If the labeling does not specify a reentry time, a pesticide may not be applied to an area of a campus where the school expects students to be present before expiration of a reentry time. The IPM Plan

Coordinator must determine appropriate re-entry time based on the times at which students would normally be expected to be in the area, area ventilation and whether the area will be cleaned before students are present.

The IPM Plan Coordinator (or a designee of the Coordinator) will give written notice of a proposed pesticide application at least 24 hours before the application occurs.

The notice must identify the name, trademark or type of pesticide product, the EPA registration number of the product, the expected area of the application, the expected date of application and the reason for the application.

The IPM Plan Coordinator (or a designee of the Coordinator) shall place warning signs around pesticide application areas beginning no later than 24 hours before the application occurs and ending no earlier than 72 hours after the application occurs.

A warning sign must bear the words "Warning: pesticide-treated area", and give the expected or actual date and time for the application, the expected or actual reentry time, and provide the telephone number of a contact person (the person who is to make the application and/or the IPM Plan Coordinator).

## B. Notification and Posting for Emergencies

### Important Notes:

1. The IPM Plan Coordinator may not declare the existence of a pest emergency until after consultation with school administration.
2. If a pesticide is applied at a campus due to a pest emergency, the Plan Coordinator shall review the IPM plan to determine whether modification of the plan might prevent future pest emergencies, and provide a written report of such to The Mt. Hood Community College District Board of Education.
3. The Mt. Hood Community College District Board of Education shall review and take formal action on any recommendations in the report.
4. The declaration of the existence of a pest emergency is the only time a non-low-impact pesticide may be applied.
5. If a pest emergency is declared, the area must be evacuated and cordoned off if a non-low-impact pesticide is to be applied, and before taking any other steps.
6. If a pest emergency makes it impracticable to give a pesticide application notice no later than 24 hours before the pesticide application occurs, the IPM Plan Coordinator shall send the notice no later than 24 hours after the application occurs.
7. The IPM Plan Coordinator or designee shall place notification signs around the area as soon as practicable but no later than at the time the application occurs.
8. *Note:* ORS 634.700 also allows the application of a non-low-impact pesticide "by, or at the direction or order of, a public health official". If this occurs, every effort must be made to comply with notification and posting requirements above.

## C. Record Keeping of Pesticide Applications

The IPM Plan Coordinator or designee shall keep a copy of the following pesticide product information on file:

1. A copy of the label
2. A copy of the SDS

3. The brand name and USEPA registration number of the product
4. The approximate amount and concentration of product applied
5. The location of the application
6. The pest condition that prompted the application
7. The type of application and whether the application proved effective
8. The pesticide applicator's license numbers and pesticide trainee or certificate numbers of the person applying the pesticide
9. The name(s) of the person(s) applying the pesticide
10. The dates on which notices of the application were given
11. The dates and times for the placement and removal of warning signs
12. Copies of all required notices given, including the dates the IPM Plan Coordinator gave the notices

Note: The above records must be kept on file, for at least four years following the application date.

## **VII. Approved List of Low Impact Pesticides**

All pesticides applied must be used in strict accordance with label instructions.

According to ORS 634.705 (5), the governing body of a school district shall adopt a list of low-impact pesticides for use with their integrated pest management plan. The governing body may include any product on the list except products that:

- A. Contain a pesticide product or active ingredient that has the signal words "warning" or "danger" on the label;
- B. Contain a pesticide product classified as a human carcinogen or probable human carcinogen under the United States Environmental Protection Agency 1986 Guidelines for Carcinogen Risk Assessment; or
- C. Contain a pesticide product classified as carcinogenic to humans or likely to be carcinogenic to humans under the United States Environmental Protection Agency 2003 Draft Final Guidelines for Carcinogen Risk Assessment.

As a part of pesticide registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA) and re-registration required by the Food Quality Protection Act (FQPA), EPA Office of Pesticide Programs (OPP) classifies pesticide active ingredients (a.i.) concerning their potential to cause cancer in humans. Depending on when a pesticide active ingredient was last evaluated, the classification system used may differ as described above.

The National Pesticide Information Center (<http://npic.orst.edu/>) can be contacted at 1.800.858.7378 or [npic@ace.orst.edu](mailto:npic@ace.orst.edu) for assistance in determining a pesticide a.i. cancer classification.

Mt. Hood Community College has adopted Oregon State University's Approved List of Low-Impact Pesticides.