

UA Campus Strategic Plan for Integrated Pest Management

Contents:

Introduction

Mission

Campus Environment

Definitions:

INTEGRATED PEST MANAGEMENT METHODOLOGY

Educational Awareness

Licensing, Training, And Education

Campus Monitoring

Preventive Maintenance

Pest Reporting

Pesticide Tracking System

Criteria for Choosing a Pest Management Method

Integrated Pest Management Strategies

Contract Landscape Management

Contract Facilities Management

Pest-Specific IPM Strategies

IPM Program Evaluation

Runoff And Drift Management Strategies

Restricted Use Zone

Pesticide Storage, Rinsates, And Disposal

Appendices

Definitions:

Integrated Pest Management

Pest

Pest thresholds

- Injury threshold
- Action threshold
- Damage threshold
- If above action threshold, decide on management tactic

Pest Reporting

Pesticide Tracking System

Detailed records will be maintained for all pesticide applications consistent with state requirements. Pesticide applications will be tracked by the Facilities & Property Management Department on the PSU Pesticide Use Tracking Form, and will be trended and reported by the Campus Sustainability Office. See Appendix: Pesticide Use Tracking Form.

- Each application of each pesticide is documented separately on the Pesticide Use Tracking Form by date of application.
- Each location in which each pesticide is applied on that date is to be noted on the Pesticide Use Tracking Form.
- A description of site conditions and approximate square feet treated at each location in which each pesticide is applied on that date is to be noted on the Pesticide Use Tracking Form.
- An estimate of the amount of pesticide applied on that date is to be documented.
- The application method (spray, sprinkle granules, paint on, etc.) used is to be documented.

Procedure (section by University of Colorado at Boulder EP100-IPM-31202 1 of 5 Policy and Procedure)

- A. Pest management services will be provided for all general fund academic and non-academic departments upon request through the appropriate Building Proctor to the Facilities Management Service Center @ 303.492.5522. Auxiliary departments may also request these services on a rechargeable basis.
- B. Auxiliary departments with responsibility for building or land use shall either designate a departmental IPM Liaison, who will be responsible for departmental IPM planning and pest management, or use Facilities Management pest management services.

C. In accordance with this IPM Policy, the use of privately acquired pest control sprays (e.g., Raid, ant killers, etc.) will not be permitted in or on University buildings or properties by nonpest management staff.

D. The following IPM criteria must be applied to all campus pest situations when selecting treatment tactics and developing pest management strategies:

- Determine pest threshold level.

Based on the pest threshold level, select a treatment that is:

1. Least hazardous to human health;
2. Least damaging to the environment;
3. Effective at controlling the target pest;
4. Has minimal negative impacts to non-target organisms;
5. Within available resources.

E. All University and commercial pesticide applicators must comply with the notification and posting regulations as stated in [Colorado Department of Agriculture, Division of Plant Industry, Title 35 Article 10 \(35-10-112 Pesticide Applicators Act and Rules and Regulations Pertaining to the Administration and Enforcement of the Pesticide Applicators Act\)](#).

Commented [DTJ1]: Find regulation in Arkansas

F. Each University or commercial pesticide applicator shall provide a legible record of application and related Material Safety Data Sheet (MSDS) for all pesticides used on campus to the appropriate departmental IPM liaison(s). These records shall include:

- Targeted pest;
- Time, date, location and climatic conditions of the application;
- Type and quantity and concentration of the pesticide used.

G. Departmental IPM liaisons shall submit these records on a monthly basis to the Campus IPM Coordinator who will serve as the record keeper of the program. Records will be maintained for a period of five years.

Criteria for Choosing a Pest Management Method

An Integrated Pest Management decision at Portland State University shall consist of the following steps:

1. IDENTIFICATION - Careful monitoring of existing problems can help determine pest populations. Identification of the pest's life cycle, under what conditions damage occurs, and to determine if and when aesthetic threshold levels are reached.
2. INTERVENTION/ACTION THRESHOLDS - Estimate pest populations and compare to established action thresholds. Factors considered in setting established action thresholds include economics, health and safety, public opinion, and aesthetic concerns.
3. EVALUATION - Selection of appropriate management tactic(s) based on an evaluation of the area, the pest organism, the impact it has on the host species, size and topography of the area, proximity to environmentally or culturally sensitive areas, cost, timing and any other relevant factors.
4. ASSESSMENT – Assess effectiveness of pest management.
5. TRACKING - Keep appropriate records.

IPM Program Evaluation

PSU Facilities & Property Management Department and the Campus Sustainability Office will review the IPM Plan at a minimum once a year to make any necessary updates or changes, which may include new best management practices employed, or to address problems that may arise. An evaluation of any pesticides used will also be part of this annual review.

Sources:

Portland state University. 2012. Integrated pest management plan for the outdoor environment.