

Integrated Pest Management Plan

for

University of Miami

UM Campus
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INTRODUCTION

Pests are populations of living organism (rodents, insects, animals or microorganism) that interfere with use of retail foodservice establishments and other facilities for human purposes.

Integrated Pest Management (IPM) establishes an approach to managing pests by combining physical, chemical, biological, or other procedures and tools in a way that minimizes health, environmental and economic risks.

UM Campus has adopted this Integrated Pest Management Plan for the buildings and grounds UM Campus operates/manages. The plan outlines procedures to be followed to protect the health and safety of staff, patrons and the general public from pest and pesticide hazards. The plan is designed to voluntarily comply with regulations promulgated by the various Florida health departments and regulatory authorities for food service establishments and other publicly accessible buildings.

Objectives of this IPM plan include but are not limited to:

- Elimination of significant threats caused by pests to the health and safety public.
- Prevention of loss or damage to structures or property by pests.
- Protection of environmental quality inside and outside applicable buildings.

This IPM plan will be stored in the office of the owner/operator, GM or IPM Coordinator.

IPM COORDINATOR

The General Manager, Person in Charge or designee shall be UM Campus IPM Coordinator and be responsible to implement the IPM plan and to coordinate pest management-related communications between UM Campus, its contracted pest control provider, landlords, other service providers and staff.

POSTING AND NOTIFICATION OF PESTICIDE APPLICATIONS

The IPM Coordinator shall be responsible to notify all staff of the procedures for and dates/times of planned and emergency applications of pesticides in facility buildings and on facility grounds.

When pesticide applications are scheduled in UM Campus-managed buildings or on grounds, UM Campus Service Providers and staff shall provide notification in accordance with applicable law, including:

1. Posting a pest control information sign with the date, time and location of the application and the product applied in an appropriate area and including contact information for additional details.
2. Providing this information to all individuals working in the building.
3. Providing this information to all staff or patrons who have requested notification of individual applications of pesticides.

Where pests pose an immediate threat to the health and safety of staff or patrons, UM Campus may authorize an emergency pesticide application and shall notify any person who has requested such notification. Disinfectants, anti-microbials and self-contained or gel-type pesticide baits applied in inaccessible areas may be exempt from posting or notification.

RECORD KEEPING & PUBLIC ACCESS TO INFORMATION

UM Campus will maintain records of all Service Provider visits and pest control treatments for at least three (3) years. Information regarding pest management activities may be made available, at management's discretion, to the staff or general public at the UM Campus's designated location.

TRAINING

All UM Campus staff will be provided with training on UM Campus's IPM policy at the time of hire and during periodic training events. Training may include the objectives of the IPM policy and program and specific elements including use of pesticide applications by the designated pest control provider.

Additionally, designated staff including the IPM Coordinator, and those who conduct regular inspections of UM Campus facilities will receive advanced training on identifying pest infestations. This training will improve the ability of UM Campus staff to oversee contracted service providers and UM Campus staff compliance with the IPM policies and plan.

IPM STRATEGIES

Pest management strategies may include education, exclusion, sanitation, maintenance, biological and mechanical controls, and pre-approved, site-appropriate pesticides.

An Integrated Pest Management plan at UM Campus shall consist of the following 4 **primary** steps:

- 1) Deny pests access to the facility.**
- 2) Maintain a clean facility to eliminate food, water and harborage opportunities for pests.**
- 3) Use a licensed and approved pest control operator (PCO).**
- 4) Dispose of all trash quickly/regularly, at least once a day into a covered, secure dumpster located on a graded concrete/asphalt pad kept as far away from the building as permitted.**

The facility will furthermore work to:

1. Identify pest species.
2. Estimate pest populations and compare to established action thresholds.
3. Select the appropriate management tactics based on current information.
4. Assess effectiveness of existing pest management procedures.
5. Keep all appropriate records.

Decisions concerning whether or not pesticides should be applied in a given situation will be based on a review of all available options. Efforts will be made to avoid the use of pesticides by adequate pest proofing of facilities, good sanitation practices, selection of pest-resistant plant materials, and appropriate exterior horticultural practices.

When it is determined that a pesticide must be used in order to meet pest management objectives, the least-hazardous material, adequate for the job, will be employed.

All pesticide storage, transportation, and application will be conducted in accordance with the requirement of all state and local ordinances, including those recommendations made by the contracted pest control operator.

No person shall apply, store, or dispose of any pesticide on UM Campus -managed property without an appropriate pesticide applicator license. All pesticide applicators will be trained in the principles and practices of IPM and the use of pesticides approved for use by UM Campus. All applicators must comply with the IPM policy and follow appropriate regulations and label precautions when using pesticides in or around UM Campus facilities.

UM Campus service providers including cleaning, pest control and landscape maintenance will be guided by written and signed contracts including UM Campus -developed IPM program specifications for structural pest control providers. Service providers will be directed to provide special attention to pest-vulnerable areas including food storage, preparation and serving areas; washrooms; custodial closets; mechanical rooms and entryways into the building.

Service providers or other IPM experts will be asked to provide input on any UM Campus facility renovation or reconstruction projects including reviewing plans for pest-conducive conditions, suggesting pest-proofing measures and inspecting construction where applicable to prevent and avoid pest problems.

MANAGEMENT & STAFF ROLES

UM Campus management and staff will provide support to assist the IPM contractor and the IPM Coordinator in maintaining an IPM program that relies on minimal pesticide use. Such support will include efforts to promptly address any infestation, structural, horticultural, or sanitation changes recommended by the coordinator to reduce or prevent pest problems.

UM Campus owners/operators and management/staff will assist the in developing and delivering materials and programs for staff to educate them about the importance of good sanitation and pest control.

The facility manager/Person in Charge is responsible for ensuring staff compliance with the IPM policy and plan, including the implementation and ongoing use of this plan.