



Franklin Township Community School Corporation

Integrated Pest Management (IPM) Protocol

Structural pests can pose significant problems to people, property, and the environment; however, the pesticides used to solve these problems carry their own risks. It is therefore the goal of the Franklin Township Community School District to use Integrated Pest Management (IPM) for control of structural pests. The goal of the Franklin Township Community Schools IPM is to protect human health by suppressing pests that vector diseases, to reduce losses from pest damage, reduce environmental pollution, reduce human exposure to pesticides, particularly that of children, and to reduce costs of pest control. In IPM programs, treatments are not made according to a fixed schedule; they are made only when and where monitoring and preventive maintenance visits have indicated that the pest will cause unacceptable economic, aesthetic, or medical injury or damage.

Integrated Pest Management (IPM) Coordinator:

The IPM Coordinator for FTCSC is Terri Levy, Custodial Field Supervisor, and Licensed Pesticide Applicator. Her contact information is:

Terri Levy
8602 Indian Creek South
Indianapolis, IN 46259
Email: terri.levy@ftcsc.org

Program Components

- Monitor the pest population and other relevant factors
- Accurately identify the pest
- Determine the threshold that trigger treatments. The mere presence of a pest does not necessarily warrant treatment.
- Conduct
- Spot-treat for the pest
 - Look at the whole system to determine the best place to solve the problem
 - Apply treatments where the actions will have the greatest effect
- Time treatment to the best advantage, considering:
 - Pest life cycle and susceptibility to control
 - Safety of school population
- Select the least disruptive tactics
 - Cultural controls
 - Physical controls (barriers, temperature and humidity modification, traps, removal, etc.)
 - Biological controls
 - Chemical controls
- Evaluate the effectiveness of treatments to fine-tune future actions
- Educate all people involved with the pest problems

IPM Coordinator

The IPM Coordinator designs a pest management system that takes into account potential liability, applicator and occupant safety, costs, effectiveness, time required, and occupant satisfaction.

IPM Coordinator Responsibilities

- Maintain this IPM Procedure
- Manage any pest management contracts to assure pesticide applicators are trained in and utilize IPM practices.
- Assure all pest sightings reported by school staff and students are documented.
 - Name of pest
 - Where the pest was monitored
 - When the pest was monitored
 - Who did the monitoring
 - Assure that all sanitation and maintenance requirements associated with IPM are carried out
 - Maintain pest-specific IPM protocols for managing any pests which the school district has experienced.
 - Assure that any pesticide use is done when school is not in session or when the area can be completely secured against access by school staff and students
 - Assure all pesticide use is recorded and MSDS files maintained for pesticides used
 - Limit pesticide purchase and storage to the amount utilized in one year. Pesticides will be stored and disposed of in accordance with the EPA-registered label directions and state regulations. Pesticides will be stored in an appropriate, secure site not accessible to students or unauthorized personnel.
 - Provide IPM training to maintenance/custodial staff, other staff.
 - Maintain a voluntary registration of individuals who could be adversely affected by exposure to pesticides
 - Evaluate the effectiveness of the IPM practices

Maintenance/Custodial/Grounds Staff

Support staff plays key roles in the IPM program and will receive necessary training. They are responsible for recognizing and correcting conditions that may lead to pest problems, such as water leaks, potential pest entryways, and poor sanitation practices. Frequently vacuum carpeted areas. Use plastic liners in trash cans and clean trash cans regularly. Monitoring entryways: close doors and containers, install weather stripping, caulk and seal openings, install/repair screens, and keep vegetation at least 1 foot from structures.

Staff and Students

The most important pest management responsibility of staff and students is sanitation. Success in reducing pest infestations depends on keeping food out of classrooms, desks, lockers, etc. In all areas, remove dust and debris. Keep doors and containers shut when not in use. Keep indoor plants healthy and remove them at the first sign of an infestation. Keep areas as dry as possible and remove standing water as well as water damaged or wet materials. Store approved animal foods in tightly sealed containers and regularly clean cages. Staff and students can also provide important information by reporting the presence of pests to their head custodian. Staff and students must not bring pesticides to school and must never apply pesticides at school.

Reporting and Documenting IPM Issues or Concerns

Custodial staff will report IPM issues or concerns via the district computerized maintenance management system (CMMS) as they are identified by support staff or are reported by other building staff. This system will be used to assign a work order to address issues as well as document the history of IPM activity. Prior to reporting or submitting a work order, the custodial or maintenance staff will inspect and review the issue and address the issue if possible.

Applying Pesticides

- The following procedures will minimize the exposure of people and other non-targeted species when applying pesticides:
 - Read and follow all label instructions
 - Choose a pesticide that is labeled for the specific site, intended for the pest targeted, and is as target specific as possible, rather than broad spectrum
 - Use a spot-treatment method of application, for example treating only the obviously infested plants
 - Limit the use of sprays, foggers, or volatile formulations
 - Apply baits in crevices when possible
 - Place all Rodenticide either in locations not accessible to children or in tamper resistant bait boxes. Securely lock or fasten shut the lids of all bait boxes. Place bait in the baffle-protected feeding chamber of the box, never in the runway of the box.
 - Apply only when occupants are not present or in areas where they will not be exposed to the material applied. Note any re-entry time limits listed on the label, and be aware that some residues can remain long after application.
 - Use proper protective clothing or equipment when applying pesticides
 - Properly ventilate areas after pesticide application
 - Notify students, staff, and interested parents of upcoming pesticide applications
 - Post advanced notices
 - Send advanced notices to those requesting such notification
 - Post application notices in treated areas
 - Keep copies of current pesticide labels, consumer information sheets, and Material Safety Data Sheets (MSDS) easily accessible

Contracting Pest Management Professionals

Professional pest control businesses must have a business license and be certified to apply pesticides. Schools should check to make sure the business has met this legal requirement. Applicators should be able to identify pests and should know about pest behavior and control methods. Training in Integrated Pest Management (IPM) practices is also essential. If an applicator is being hired to help maintain school grounds, knowledge of plant health maintenance is beneficial. Experience in school pest control is helpful but not required.

Professional applicators should provide proactive suggestions that identify housekeeping and structural deficiencies that contribute to pest problems. The Business should offer an IPM service program including:

The following procedures will minimize the exposure of people and other non-targeted species when applying pesticides:

- Development of a pest monitoring program including:
 - regular inspection of potential problem sites
 - identification of pests
 - classification of outdoor areas
 - discussion of pest thresholds with school staff
 - recommendations for control
 - evaluation of control measures
- Making of pest control recommendations
 - emphasis on maintenance and sanitation
 - Pesticide applications only when necessary, i.e. when the established pest threshold is exceeded.
 - provide schools with pesticide labels and toxicity information for each pesticide that may be used
 - use of low risk pesticides when other means of control are not feasible
 - scheduling applications when school or grounds are not occupied

Be prepared to discuss with the pest management professional the school's pest control procedures, the goals of the IPM Program (pest tolerances, limited pesticide use, etc.), the history of the school's pest problems, and the pest management actions that school or district will be responsible for.

Forms:

The forms utilized in managing the IPM process appear on the following pages.

- Action Thresholds
- Pest Sighting Log
- Parent/Guardian Information Letter
- Parent/Guardian Request for Notification of Pesticide Application
- Pesticide Treated Area Notice
- IPM Cafeteria/Kitchen Inspection Checklist