

# Hull-Daisetta ISD Pest Management Plan

## Before Treatment Begins

Integrated pest management (IPM) is a Texas law. Certain criteria must be met before applications can occur.

## Proper Identification

- If it is a roach, the pest professional must identify the kind.

## Threshold

- Are there enough of the specific kind to justify a treatment?
- Does the threshold meet the district IPM plan?

### Thresholds

- **Spiders** – 1 Brown recluse or black widow
- **Flies** – 6 classroom, 6 clinic, 12 kitchen
- **Crickets** – 5-10 classroom, 3-5 kitchen
- **Roaches** – 5 classroom, 2 clinic, 10 kitchen
- **Termites** – Any swarmers or tubes inside or outside
- **Ants** – (carpenter or fire ants) 10 or more classroom, 3 kitchen, 10 storage and maintenance areas
- **Bees/Wasps/Yellow Jackets** – 2 classroom, 3 maintenance areas. Outdoors none unless children are threatened
- **Wildlife** – raccoons, skunks, opossums, snakes, foxes etc. Will remove ASAP
- **Lice** – Medical condition/not pest control, notify nurse

## Integrate Housekeeping

- What measures can be taken to eliminate the pest without chemical treatment?
- Is there food and water attracting the pest?
- Can the area be cleaned, and the food/water source be removed to eliminate pests?

## Least Toxic

- Is there a preventive treatment that can be made, such as screens (building modifications) or gels and baits.

## Food Preparation and Serving Areas (cafeterias, classroom kitchens, teacher lounges, snack areas)

- Store food in containers. Containers should have tight fitting lids and be made of plastic, glass or metal.

- Waste should be removed from the area at the end of each day and trash receptacle liners changed daily.
- Maintain vents, windows and floor drains.
- Remove and discard all cardboard shipping and storage containers.
- Eliminate food and water sources that attract pests by removing food debris, repairing dripping faucets and drying wet areas.
- Improve cleaning practices by promptly cleaning food preparation equipment and removing grease accumulation from vents, ovens and stoves.
- Remove all cluttered boxes and paper products.
- Capture rodents using mechanical controls or glue traps.

#### **Rooms and areas with extensive plumbing (bathrooms, sink areas, classrooms, science laboratories, shower rooms)**

- Repair plumbing leaks promptly.
- Dry spills within 24 hours to prevent a water source for insects.
- Seal pipe penetrations through walls and floors.
- Avoid storing paper products near water areas.
- When possible, install termite protection during construction.

#### **Maintenance Areas (boiler rooms, mechanical rooms, custodian rooms)**

- Prohibit food in these areas.
- Rinse mops and buckets thoroughly after each use and allow them to air dry.
- Use plastic liners in trash receptacles and replace them frequently.
- Keep areas as clean and dry as possible and remove debris.

#### **IPM Strategies for Outdoor Sites**

##### **Typical Outdoor Pests and Disease Include:**

- Mice, rats, ants, beetle grubs, sod webworms, aphids, brown patch, weeds

#### **Playgrounds, Parking Lots, Athletic Fields, Loading Docks, Dumpster Areas**

- Secure lids on trash receptacles and empty them frequently.
- Provide adequate drainage from structures.
- Maintain mowing height to discourage weed growth.
- Maintain areas that could harbor weeded areas, unused tires and equipment.

#### **Pest Control Practices**

1. Inspect area – If infestation is found use non-chemical treatments:
  - a. Eliminate open food source – store in plastic with lids
  - b. Recycling container in good repair and emptied regularly
  - c. Eliminate water source
  - d. Eliminate clutter
2. Custodial Closets
  - a. Mop buckets emptied nightly

- b. Hang mops up after each use
  - c. Repair water leaks – dry area completely
- 3. No infestation found – DO NOT APPLY INSECTICIDES
- 4. Infestation – Re-check area in 3 days, licensed applicator to use pesticides if problem still exists

### **Rodent Infestation – Interior**

- 1. Inspect area – If infestation found use anon-chemical treatments such as:
  - a. Sanitation
  - b. Empty trash regularly
  - c. Eliminate clutter
  - d. Remove food and water sources – store food in plastic
- 2. Exterior
  - a. Remove food and water sources
  - b. Patch holes in building and other entry places
  - c. Preplace missing or damaged door sweeps and weather stripping
  - d. Seal open piping – electrical and plumbing
  - e. Keep doors shut
  - f. Keep grass cut low – trees and shrubs trimmed away from building
  - g. Keep dumpster plugged and closed at all times
  - h. Keep trash picked up
- 3. No Infestation – Do not use rodenticides
- 4. Infestation Found – Re-check in 3 days if problem still exists, use bait stations

**Termites** – Call IPM Coordinator, email or enter a work order immediately

### **Ants**

- 1. Inspect area – Infestation found use non-chemical measures
  - a. Spray soapy water on trails to disperse
  - b. Vacuum ants
  - c. Remove food source

### **Contacts:**

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