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Hull-Daiseta 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 a chemical treatment?
- Is there food and water attracting the pest?
- Can the area be cleaned and the food/water source removed to eliminate pest.

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 trap

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 Empasse 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. (Refer to Reference Operations Procedural Manual)
- 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 a mowing height to discourage weed growth.

Maintain areas that could harbor weeded areas, unused tires and equipment.

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 non-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. Replace 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

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