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Supplementary material S1

Questionnaire

Date_____ Location: _____ Apt #_____

Senior/non-senior: _____Gender:_____ Ethnicity:_____

1. How many years have you lived here? _____

2. Do you see any of the following pests in your apartment?

Pest	**Presence**	If **NO**: When was the last time you saw these pests?	If **YES**:		
			How often do you see them?	How long they have been present?	Do they bother you?
Cockroaches	Yes__ No __				Yes___ No ___
Bed bugs	Yes__ No __				Yes___ No ___
Rodents	Yes__ No __				Yes___ No ___
Other: _____	Yes__ No __				Yes___ No ___

3. What you have done to control pests in the last 6 months? spray ___; dust ___; bait __; Other _____

4. Are you satisfied with the pest control service offered by the building management?

   Yes_____ or No_____

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RUTGERS–NEW BRUNSWICK
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Supplementary material S2
Cockroach Prevention & Control

Why Cockroaches Are an Important Pest?



German cockroach

They Are a Serious Public Health Pest

- They contaminate food and surfaces (countertops, dishes, eating utensils, etc.).
- Their feces, skins, and dead bodies contain allergens which can cause asthma attacks.

They leave unsightly fecal spots



Glue board with cockroaches

Prevention

Sanitation

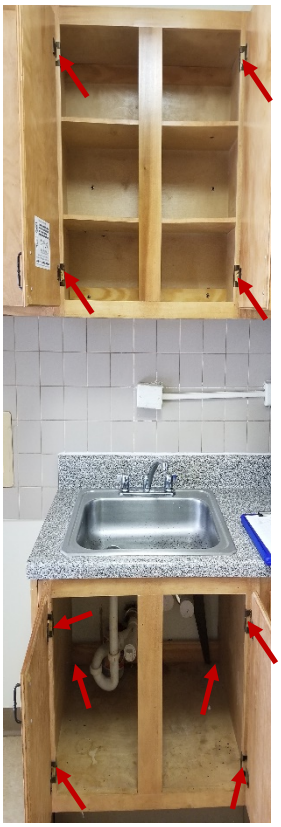
- Clean up food residues and dirty dishes daily.
- Empty garbage can daily or seal the garbage can with tight lid.

Remove food and water sources

- Fix leaking pipes and remove empty water and beverage containers.
- Seal open food containers and pet food dishes.

Reduce their harborage sites

- Reduce clutter in kitchen and bathroom.
- Seal cracks, holes on the wall, pipes, and around cabinets.



Arrows show where gel bait may be applied

Monitoring and Control

- Place multiple glue board traps beside the refrigerator, stove, in the cabinets under the kitchen sink, beside toilet, at corners of the kitchen floor, or on kitchen counter.
- Use a vacuum machine to remove live and dead cockroaches. Remove vacuum bag, seal in a garbage bag and throw away.
- Apply small (1/4”) spots of cockroach gel bait in numerous spots in cabinetry, at corners and edges of appliances (stove, refrigerator). Apply a very thin layer of boric acid dust under and around appliances, along baseboards. Be sure to follow all label use directions on cockroach baits and boric acid products.
- Avoid using sprays or foggers. They are not effective and will contaminate the environment.
- Report to the management office or seek professional service if problem cannot be resolved soon.

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