



Tips for HOA and multi-family dwelling managers

## Pollinator-Friendly Mosquito and Tick Control

Mosquitos and ticks can be vectors of disease; vector control is important to protect public health. You can protect both people and pollinators with advanced planning and local knowledge.



### Pesticides

Treatment may impact pollinator survival, reproduction, and behavior.

- Recommend insect repellents rather than pesticides with extended residual toxicity
- Consider how spray timing overlaps with bloom time and pollinator life cycle
- Use targeted applications as part of an Integrated Pest Management strategy
- Use ultra low volume (ULV) spray



### Landscaping

Removing vector habitat can be low cost and effective

- Contact local pollinator experts, target your landscape changes to avoid removing pollinator habitat
- Dump standing water in containers, consider pollinator needs before draining broader landscape areas
- Remove invasive plants that harbor ticks (e.g., Japanese barberry), replace with pollinator friendly plants



### Biological Control

Incorporate biological control into an Integrated Pest Management strategy

- Know the local beneficial insects
- Research biocontrol products



### Monitoring

Intervene early and only when needed

- Look into monitoring programs to inform treatment needs: see card reverse

# Planning is most effective when it includes **collaboration**: reach out to vector management professionals and local pollinator experts



## Find local pollination experts:

- Cooperative extension agents (link)
- Local Beekeeping Organizations
- Local universities and botanical gardens
- Master gardener programs

## Questions to ask pollination experts:

- Think beyond honeybees: which local pollinators may be impacted by vector control?
- What kinds of interventions would be least harmful to beneficial insects?
- How could vector control work with the needs and lifecycle of local pollinators?

## Find vector control experts:

- Mosquito Abatement District
- Mosquito control associations (American Mosquito Control Association, etc).

## Questions to ask vector control experts:

- What best management practices do you recommend for protecting pollinators?
- Would fewer interventions mean less risk to pollinators?
- What is the most efficient way to meet vector control goals?
- What monitoring methods do you use?



The North American Pollinator Protection Campaign is a growing collaborative body of more than 170 diverse partners including respected scientists, researchers, conservationists, government officials and dedicated volunteers. NAPPCC's mission is to encourage the health of resident and migratory pollinating animals in North America.