Public Education in Maryland

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• State-Wide Program

• Differences Between Counties

• Money Limitations Until Zika Grant

• Public Education Strategies:
  • Events
  • Meetings/Presentations
  • State Fair
  • Exhibits at Libraries, etc.
  • Games
  • Teacher Workshops
  • Handouts/Give-Aways
  • PSAs, Yard Inspection video
Events

MDA’s Open House

Good House, Bad House

Build A Mosquito Station

Baby Buggies
Science Bowl

We act as judges for Prince George’s County Schools’ science quiz show for elementary & middle school students.

Insectival, Calvert County
Meetings & Presentations

WHO would be interested?

• MC Program set-up & mosquito biology
• ATM workshops
• Zika (or other MB-disease) presentations
- Community representatives & general public
- Health department personnel
- Parks personnel (check for insect camps or festivals at the parks)
- Master Gardeners
- Beekeeper groups
- Garden clubs or Rotary clubs
- Schools (target their ‘core’ curriculum)
- Pest Control recertification meetings
- Code Enforcement staff
Maryland State Fair

MOSQUITO CONTROL PROGRAM

What's Biting You?

Preventing the occurrence of mosquito-borne disease in people, pets, and livestock

- There are 50 species of mosquitoes in Maryland, but the most common nuisance is the Aedes albopictus, a Japanese tiger mosquito.
- Asian tiger mosquitoes are aggressive and will bite day and night.
- Aedes mosquitoes are not just irritating; they are the primary vector of Zika virus and other diseases.
- These mosquitoes breed in containers of standing water, rather than marshlands, and can breed in containers as small as a bottle cap. This makes them particularly difficult for control without the public’s cooperation.

Surveillance  Education and Outreach

Adulticiding  Trapping  Larviciding

Fight the Bite!

- Prevent mosquito bites by using insect repellent:
  - Eliminate or treat all containers of standing water on your property.

For more tips, visit mda.maryland.gov/zika

A Zika grant paid for our new exhibit boards
Exhibits

Libraries with display cases

MDA has mosquito displays at 4 different libraries for 1 month every summer

Also try:
National Night Out,
Master Gardener Meetings/Conferences,
Insect Festivals,
Health fairs,
Outdoor festivals,
County fairs
Games

Skeeter Scramble

Station 1
You have successfully fed! You now have energy to fly to Station 2.

Station 1
You have landed on a flower treated with insecticide. You die - please take a seat.

Station 2
Congratulations!! You are a female mosquito and have mated! Go on to Station 4.

Station 2
Congratulations!! You have found a mate! But you are a male mosquito, so after mating, you die. Take a seat.

Station 5
You successfully lay an egg raft! You now need another bloodmeal. Fly to Station 8.

Station 5
You land on a puddle treated with larvicide oil. You cannot stand on the surface - you drown! Take a seat.

Station 6
Your puddle has dried up!! Please take a seat.
Mosquito Mysteries Board

More Games

Build A Mosquito
Teacher Workshops

Combining lecture, activities, labs and a field trip to give teachers information they can use immediately in the classroom.
Teacher Workshops

Project SWAT Objectives

1. Have fun!
2. Learn more about mosquitoes than you knew before.
3. Become familiar with other wetland inhabitants.
4. Pick up activities for direct use in classroom.
5. Get some experience of field work/sites.

Graphs/pie charts from trap data for classroom use

Prizes for the final ‘skeeto’ game

Each participant took a pupator & live larvae (field trip) back to the classroom
What YOU Can Do

- Think outside the box - who might be interested in what you have to say?
- Brainstorm - ideas for activities, displays, games, etc
- Find a venue & schedule a workshop for citizens
- Talk to other mosquito control agencies - new ideas
Questions?

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MDA Website:
http://mda.maryland.gov/plants-pests
(the Zika page has PSAs and the yard inspection video)