Public Tick IPM Working Group
November 8th, 2017

Please send additions, omissions or other corrections to flaufenberg@ipminstitute.org

The Working Group meets via conference call on the second Wednesday of each month at 1:00PM CT (2:00PM EST). The following notes are for December 13th, 2017.

Roll

- Frank Laufenberg, IPM Institute of North America
- Richard Taffner, Arkansas Department of Health
- David Thueret, Arkansas Department of Health
- Rachel Schulte, Missouri Department of Health and Senior Services
- Theresa Steckler, University of Illinois Extension
- Alina Freund, IPM Institute of North America
- Bieneke Bron, UW-Madison
- Scott Larson, UW-Madison
- Neeta Connally, Western Connecticut State University
- Rayda Krell, Western Connecticut State University
- Monica White, Colorado Tick-Borne Disease Awareness Association
- Bob Maurais, Mainely Ticks
- David Whitman, Tickbox Technology Corporation
- Tadhgh Rainey, Hunterdon County Public Health
- Mustapha Debboun, Mosquito & Vector Control Division, Houston
- Bob Koethe, EPA Region 1
- Jennifer Reid, BLAST Lyme Program
- Alicia Cashman, Madison Area Lyme Support Group
- Robyn Nadolny, Army Public Health Center
- Holly Gaff, Old Dominion University
- Jim Lunders, Jackson County Vector Control
- Susan Weinstein, Arkansas State Public Health Veterinarian
- Chris Stelzig, Entomological Society of America
- Molly Baker, Missouri Department of Health
- Joellen Lampman, New York State IPM Program
- Jill Auerbach, Hudson Valley Lyme Disease Association
- Jennifer Gruener, Warren County Mosquito Commission
- Lynnae Jess, North Central IPM Center
- Tom Green, IPM Institute of America
- Thomas Simmons, Indiana University of Pennsylvania
- Karla Lehtonen, Empire State Lyme Disease Association
- Thomas Mather, University of Rhode Island
Agenda

1. Neeta Connally – The Backyard Integrated Tick Management Study
2. 9th International IPM Symposium Update
3. Other Working Group member updates

1. **Neeta Connally -- The Backyard Integrated Tick Management Study**
   a. Please open the pdf slideshow that Neeta provided for the call to follow along with her presentation.
   b. EPA healthy community grant program “Spray safe, play safe.”
   c. Jill A: first study—may have had issues
      i. How many contiguous yards?
         1. Ideal to treat entire neighborhood, we are enrolling clusters between 2-5 houses.
         2. Very difficult to enroll because some people don’t want treatment or people don’t want to risk getting the placebo.
         3. Others were excluded due to previously spraying on the lawns.
   d. Tom G: We need to know if partial treatment works, whether or not entire areas are treated this study has valuable data.
      i. We need to know how affective partial control is.
   e. Chris S: It is also important to know what does not work, that’s the value of a study based on a single spray.
   f. Neeta Connally
      i. Personal protection and human behavior.
         1. Understanding only entomologic outcomes is not enough to understand human disease, but we need to include human behavior.
   g. Jennifer: Ticks that were collected?
      i. All the ticks have been tested or are being tested at the CDC.
   h. Chuck L: Any work with adult ticks?
      i. Most recent issues with Powassan in Maine had to do with adults.
      ii. Neeta: Not currently, we are trying to get a hold on our nymph levels.
   i. Dave Whitman: Proud to see this study’s inclusion of the TCS system.
      i. There will be a new name: Tickbox Tick Control System.
         1. Select TCS product name update.
         ii. New companies are using these boxes every year.
         iii. Additional studies are ongoing with the tickbox.
         iv. These tickboxes are now allowed to be used in most school areas.
   j. Neeta: CT emerging infections program and Maryland are conducting knowledge survey based on tick-borne diseases.
   k. TCS bait boxes, CDC has information for chipmunks and white-footed mice use.
      i. Registered as a professional use only product. At the moment it is not a homeowners use product.
   l. Chuck: Neeta, collecting data long enough over time to have some longitudinal data on tick-borne disease rates.
i. Are you seeing any longitudinal trends for tbds?
   1. Babesia, anaplasma, and borrellia infection have been consistent.

ii. Residential rates seem to be lower than in nearby woods.
   1. High stable anaplasma rate: 4%.

2. 9th International IPM Symposium Update
   a. Tick Summit
      i. The tick summit will be four 90-minute sessions starting at 8:30 AM on Wednesday March 21st, with the final session ending at 4:30PM that afternoon.
      ii. The summit will address:
          1. Effectiveness of ITM practices used by communities, pest management service providers and individuals in reducing the risk of tick populations and tick borne disease (TBD) incidence.
          2. Current research projects and knowledge gaps.
          3. Opportunities to increase adoption of effective practices.
      iii. There will be three 90 minute sessions of presentations by researchers, pest management professionals and others. The final session will be a break out session.
      iv. There is a special reduced rate registration available for participants who want to come to the symposium specifically for the tick summit, the registration includes Thursday’s A.M. and closing sessions. There will be presentations regarding mosquito vector-borne diseases on Thursday morning. Frank will send out a link to this registration: https://ipmsymposium.org/2018/registration.html
   b. Capitol Hill Visit
      i. After the closing plenary session on Thursday a bus of participants will be headed to Washington DC to meet with representatives regarding IPM. The focus of the meetings will be to educate policy makers on IPM and ITM. Since it will not focus on pending policy initiatives this will NOT be a lobbying visit.
          1. Frank will prepare materials for the meeting material and we will plan a webinar training on how to execute a successful meeting with representatives.
      ii. The bus and food provided for participants in the Capitol Hill visit will cost an additional $40 for registration, including a catered lunch and round trip transportation from Baltimore to DC.
   c. Posters
      i. If you are interested in presenting a poster on your work at the IPM Symposium the form on the IPM Symposium website is still open. Although the deadline has officially past, the committee would likely still review submissions. https://ipmsymposium.org/2018/posters.html

3. Additional updates, comments and announcements from Working Group members
   a. HSS meeting on 12/11 and 12/12
      a. Jill was encouraged about the open mindedness and dedication for finding answers.
      b. Serology for tick-borne diseases is essential.
         i. Seems to be the main tactic on the groups mind.
      c. Jill spoke purely about the need for increased tick control.
         i. This would be part of a subcommittee.
ii. Tom Mather and Steven Wikel didn’t make the committee, but could be involved in subcommittees.

iii. It is important to write in and comment on this HHS group to improve tick control.

iv. Write in a comment to improve tick control at: tickbornedisease@hhs.gov

v. Monica: Nomination for subcommittee is due by January 1st.

b. Please notify Frank if the Tick Pest Alert has been shared with any new organizations or individuals so we can keep track of its reach!
   a. Here is the link to share: https://www.ncipmc.org/action/alerts/ticks.pdf

c. If you come across articles that would benefit members of this group feel free to share them by sending an email to the PUBLIC_TICK_IPM_WG@LISTSERV.URI.EDU

These notes are for a Working Group call on December 13th. Future calls will continue to fall on the second Wednesday of each month at 1 PM Central time. Please send Frank updates, announcements or other additions for December’s call.

The Public Tick IPM Working Group is funded by the USDA National Institute of Food and Agriculture, Crop Protection and Pest Management Program through the North Central IPM Center.