Public Tick IPM Working Group

Notes for 04/13:
Send additions, omissions or other corrections to cnelson@ipminstitute.org

The Working Group meets via conference call on the second Wednesday of each month at 1:00PM CT (2:00PM EST). The next conference will take place May 11th.

1. Roll
- Tom Green, IPM Institute of North America, Inc.
- Bob Maurais, Mainely Ticks
- Kirby Stafford, Connecticut Agricultural Experiment Station
- Dan Sonenshine, Old Dominion University
- Jill Auerbach, Hudson Valley Lyme Disease Association
- Chloe Nelson, IPM Institute of North America, Inc.
- Jennifer Reid, BLAST Lyme Program
- Tom Mather, University of Rhode Island
- Larry Scrapper, Cherokee Nation
- Mason Kaufman, US BIOLOGIC
- Pat Smith, Lyme Disease Association

2. Agenda
- Tick news updates
- ITM Symposium updates
- Tick pest alert updates and comparison with Zika

3. Tick news updates
   a. "Researchers investigate four promising new treatments for Lyme disease"
      a. Link: http://www.northeastern.edu/news/2016/03/researchers-investigate-four-promising-new-treatments-for-lyme-disease/
      b. Summary: Northeastern researchers are pursuing four treatment regimens to battle Lyme disease. The four strategies include: 1. setting the stage for human trials from a mouse study at Tufts that eradicated the bacterium in test tubes after mice were given antibiotics, 2. Using antibiotic cocktails of existing drugs, 3. Strategizing to discover new drugs that selectively target the Borrelia bacterium and 4. Altering the composition of the microbiome to stop the autoimmune reactions of Lyme disease.
   b. "First Tick Genome Map Could Chart Ways to Stop Parasite"
      a. Link: http://www.voanews.com/content/first-tick-genome-map-could-chart-ways-to-stop-parasite/3251236.html
      b. Summary: Researchers from Purdue University mapped the genome of Ixodes scapularis. The findings provide new information related to which genes control smell and taste receptors and which genes are unique to ticks which could inform the design of future control methods for ticks and treatment options for humans.

4. ITM Symposium Updates
   a. Registration is still open and can be found here: (http://entsoc.org/ITMS).
b. Please share opportunity with your other lists so we can have an attendance between 150-200 people.

5. Tick Pest Alert Development
   a. Zika pest alert example (attached)
      a. Our Tick pest alert will follow a similar format to this alert when it is finished.
   b. Tick pest alert outline draft (attached)
      a. This alert will contain basic information on TBD’s in 2 pages, the alert should be accessible to all audiences.

6. Additional group member updates, questions, announcement, discussion.