



## **National School IPM 2020 Steering Committee Conference Call Notes for September**

Please send additions, omissions or other corrections to [jcooper@ipminstitute.org](mailto:jcooper@ipminstitute.org)

The Steering Committee meets via conference call on the third Friday of each month at 1:30PM CST. The following notes are for **September 21<sup>st</sup>, 2018**.

### **Roll**

- Julian Cooper, IPM Institute
- Madeline Zastrow, IPM Institute
- Seth Dunlap, Arkansas Agriculture Department
- Joe LaForest, Southern IPM Center
- Lynn Braband, New York State Community IPM Cornell
- Marc Lame, Indiana University
- Dawn Gouge, University of Arizona
- Shaku Nair, University of Arizona
- Eric Denmark, California Department of Pesticide Regulation
- Tom Green, IPM Institute
- Fudd Graham, Extension Specialist, Auburn University
- Matt Bauer, Western IPM Center
- Joellen Lampman, New York State Community IPM and Cornell
- Tim Stock, Oregon State University
- John Connett, University of Wyoming

### **Agenda**

1. Discussion on ticks and Lyme disease presented by Marc Lame
2. Discussion of Glyphosate IPM handout presented by Shaku Nair (if time)
3. Regional updates (group)
4. Agenda items for next call (group)

#### **1. Discussion on ticks and Lyme disease presented by Marc Lame**

- Marc contracted Lyme disease while teaching in London
- His symptoms started out like the flu
  - Chills, nausea, disorientation, fatigue
  - Frequent and urgent urination
- Marc was in the hospital for 30 hours and then had to go back for six more days for three hours a day for antibiotics and numerous tests
- He went straight to the ER and they put him on an IV of antibiotics
- They weren't sure what it was at first, they thought it was a UTI
- White blood cell count dropped to a concerning level
- When Marc first got to London, his leg muscles were very sore, and the soreness never went away
- Infectious disease specialists were brought in and asked where he lived in the States and if he lived in a rural area.



- Asked if Marc had ever been bitten by a tick
- They realized it was a tick-borne disease, so they ran blood tests
- Marc asked for doxycycline
- He started feeling better in 2-3 weeks after being on doxy
- Blood tests came back from London and were positive for Lyme
- History
  - Indiana has lots of ticks
  - It is taught that a tick must be on you for 24-36 hours before transmitting Lyme
  - Marc found a tick in the middle of his back that he suspects was on long enough to transmit Lyme
- Questions/Comments:
  - Is doxy effective for treating Lyme?
    - Yes, it's the most common treatment for Lyme and was effective in Marc's case because it cured him, to his knowledge
  - We put too much emphasis on specific symptoms, i.e., rash, when it does not always present itself.
    - Marc: no rash ever appeared on me. Only ~30% of people present the rash.
  - In NY, the black-legged nymph is considered the most dangerous because they are easy to overlook
  - People are becoming more hesitant to putting a time frame on how long the tick must be embedded. It can take fewer hours than 24-36 to contract.
  - What is the time it takes for symptoms to show after a tick bite?
    - Can be a few days
    - For Marc it was two weeks
  - Marc is hearing complaints in Indiana that doctors are not giving patients enough doxy. Recommended dose is 14-20 days.
  - Folks in the South did not think they had Lyme disease for many years.
    - Problem in AL with physicians misdiagnosing
    - Fudd contracted Lyme after only six hours of having the tick embedded.
  - Tick twister product
    - Plastic 2-inches long
    - Hook the tick and twist it out
    - Very effective
  - Permethrin-treated clothing is effective
  - Percentage of DEET determines its effectiveness
    - Marc finds 7% is effective for a few hours
    - Need 20-30% for the longer you're exposed to ticks
  - Resources:
    - Public Tick IPM Working Group is publishing a tick management fact sheet. Julian will send to the SIPM group.



- TX A&M has a tick app for identification
- CT Dept of Ag has 70-page downloadable PDF for Integrated Tick Management
- U of Rhode Island tick encounter website
- Don't Get Ticked NY
- Mainly Ticks
- Ticks are on the rise and are the number one source of vector-borne diseases. This presents a window of opportunity for IPM people to talk about prevention, etc.
- Patients end up being an advocate for their own health. Very apparent for tick-borne diseases. Patients are written-off if they do not present Lyme disease.
- Tests for diseases are not quite effective yet
- There is not one study that shows getting your yard sprayed reduces tick incidents. People pick up ticks elsewhere. Gives people a false sense of security. Lawns are not the problem, it's the interface between the lawn and the woods.

## 2. Discussion of Glyphosate IPM handout presented by Shaku Nair (if time)

- Two-page fact sheet on weed control choices for turf and landscapes
- Includes pictures of glyphosate-based and non-glyphosate herbicide products
- Includes herbicide alternatives
  - Hand weeding
  - Dragging
  - Flaming
  - Maintenance
- Used as an education tool
- Will be shared in the Stop School Pests newsletter and website
- Steaming weeds
  - When used correctly, it will sterilize and kill the seed bed
  - However, it is a slow process and uses a lot of water
- Comments:
  - Marc – Piece fails to address the possibility of health issues and how to minimize use. It is Extensions mission to provide useful information; the letter Dawn and Eric put together should be sent to all school districts in the US.

## 3. Regional Updates

- **Western region**
  - Dawn Gouge and Shaku Nair: partnering to create continuing education units for PMPs. Trying to build the CEUs so they are sustainable.
  - Developing their own rodent academy, not with Bobby Corrigan, for December
  - U of AZ Extension working with a Tribal school for School IPM Inside and Out program. Connected with U of AZ because student health was in jeopardy.
- **Southern region**
  - Janet Hurley:
    - Last week we had our two-day school IPM training. In addition to training school IPM coordinators in TX, we had two people represent the Department of Energy &



Environment for the District of Columbia. I will be in Lubbock, TX next week for a one-day training, plus a CEU event. Then the following week we have our final two-day event for the year in Tyler, TX.

- We will be hosting our three-day rodent academy in December with Bobby Corrigan, Sylvia Kenmuir, Emory Matts, Mike Merchant and myself at our IPM Experience House.
- I will be presenting to the TX Dept. Of Agriculture Structural Pest Control Advisory Committee meeting on Oct. 11<sup>th</sup>. I will be giving them a presentation on developing a six-hour School IPM course for online use. We also plan to develop a subcommittee to look at how we can enlarge our green category without making it a list, but by product classification.
  - Southern IPM Center grants are out
- **Northeast region**
  - Lynn Braband:
    - NE SIPM WG is now on the NE IPM Center website
    - Kathy Murray's school nurse IPM work has developed many fact sheets and resources for nurses
    - NY state-wide outreach program to educate on reducing your risk to being bitten by ticks
    - NY state-wide school IPM committee is meeting with Clean, Green and Healthy Schools Committee
- **Northcentral region**
  - IPM Institute:
    - Progress being made on adding IL specific training to Stop School Pests website. Will mean additional financial from the IL state government and will pave the way for other states to follow suit and host similar trainings on our website.
      - Working with Ruth Kerzee from Midwest Pesticide Action Center
    - Tom is giving a school IPM talk to WI Association of School Business Officials (WASBO) on Oct. 5ht, and has SIPM trainings planned in PA, NM, and NJ through the NEA. Incorporating surveying on SSP branding with the trainings to gather feedback.

#### 4. Agenda items for next call (group)

Send suggested agenda items for next month to [jcooper@ipminstitute.org](mailto:jcooper@ipminstitute.org)! **Next call on October 19<sup>th</sup>.**

- Representative from Bayer wants to talk about new rodent remote sensing technology
- Time at the end to discuss future of WG and grant objectives for next fiscal year

The coordination of the National School IPM Steering Committee is supported by funding of the USDA North Central IPM Center. The next conference call will take place on **Friday, October 19<sup>th</sup>**. Future calls will continue to fall on the third Friday of each month at **1:30 PM Central time**.