School Integrated Pest Management

Bob McNally, Director
Biopesticides & Pollution Prevention Division
Office of Pesticide Programs
March 9, 2015
How EPA’s Efforts Involve You

- IPM to be the standard in all schools
- Create demand for IPM services
  - >75% of schools contract for pest management services
- Opportunities to engage with other state agencies in the promotion of IPM to schools
Creating Demand for IPM in Schools

• Top down
  – Working with national organizations to influence school administrators and business officials
    • Healthier school environment, fewer absences due to asthma, increased revenue with higher attendance, quality IPM services

• Bottom-up
  – Providing compelling information to parents, teachers, school staff
    • Fewer pests, fewer pesticides, healthier learning environment
Creating Demand: Events

8th International IPM Symposium
IPM: Solutions for a Changing World

Green Schools National Conference
Think BIG. Start smart. ACT NOW!
March 4-7 2015 | Virginia Beach

NASN2015
June 24-27, 2015
embracing Today—Transforming Tomorrow

Synergy in Science: Partnering for Solutions
ASA - CSSA - SSSA - ESA
2015 MEETING
Nov. 15-18 | Minneapolis, MN

70th NEHA AEC
ANNUAL EDUCATIONAL CONFERENCE & EXHIBITION
Creating Demand: Blogs & Articles

The Role of School Nurses in Integrated Pest Management

Protecting Children From Pests and Pesticides

Sherry L. Glick, BS
Marcia L. Anderson
Shirley Schantz, EdD, ARNP, RN

EPA Connect
The Official Blog of EPA’s Leadership

Is Your Child’s School Stuck on a Pest Control Treadmill?

Jim Jones, March 12, 2014

Many schools are stuck on a “treadmill” of never-ending pesticide applications, without addressing the underlying issues that make schools attractive to pests. If we can make it so pests aren’t attracted in the first place, the need for pesticides in schools would be greatly reduced.
Meeting Demand

• How-to information for schools
  • Publications
  • Webinars
  • Model IPM-based bid & contract specs
  • Videos

• Technical expertise
  • EPA Center of Expertise and Regional Coordinators

• Funding ($1.5 million since 2012)
  • State school IPM coalitions
  • School IPM training/certification course development
  • Web-based information repository
Meeting Demand: How-To Information

Publications

Model Pesticide Safety and IPM Guidance Policy for School Districts

Center of Expertise for School IPM

Saving Dollars and Making Sense: Keeping Bugs Out of the Classroom

School IPM Webinar Series

Videos (Cal DPR with EPA funding)

Integrated Pest Management for Schools

by CaliforniaPesticides • 11 videos • 3,104 views • Last updated on Jan 12, 2015

Do you want to learn about how to do integrated pest management (IPM) at your school with the California Healthy Schools Act? Then watch the Department of Pesticide Regulation school IPM video series to help you s... more
Meeting Demand: School IPM Webinar Series

• 2014
  – School Community Mosquito IPM – Aug.
  – Creating Tick Safe Schools Using IPM – Sept.

• 2015
  – Bed Bugs in Schools – Mar.
  – Managing Outdoor Vertebrate Pests – Mar.
  – Avoiding Stinging Insects in Schools – Apr.
  – Building a Model Contract – May
  – School Turf and Landscape Pest Management – TBD

www.epa.gov/pestwise/events/sipm-webinars.html
Meeting Demand: Technical Assistance

Center of Expertise
school.ipm@epa.gov
844-EPA-SIPM (372-7476)

Dick Wiechman
402-437-5080

Robert Koethe
617-918-1535

Tara Glynn
732-906-6183

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215-814-2127

Patricia Livingston
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Brad Miller, 214-665-6725
Marcia Anderson, 214-665-6679
Shanda Bennett, 214-665-8068
Meeting Demand: Funding Grants

Building on Success: Expanding Efforts to Implement IPM in Michigan and Indiana Schools

- Build a bi-state school IPM coalition
- Provide better online IPM training for pesticide applicators working in Michigan schools
- Establish demonstration schools in underserved urban communities

iSchool Pest Manager Project

- Compile all school IPM educational materials and training resources and publications on the business and human health benefits of school IPM
- Deliver this information and resources through a centralized website
Building Sustainable School IPM
Inside & Out

- Develop standardized IPM curricula to train individuals in each key role in the school community
- Make available online and through training workshops
- Hold a train-the-trainer workshop to teach and qualify proficient trainers
• Advance school IPM implementation in Washington school districts to reduce pest and pesticide risks to children

– **Building partnerships among the school-related state agencies** (Ag., Ed., Health, etc.)

– Project Components
  • Focus groups to clarify the support schools need
  • State partnership development
  • Peer-to-peer mentoring
  • Recognition program
  • Documenting what works and what doesn’t
EPA Resources for States

• Available Now
  • Webinars
  • Regional School IPM Coordinators
  • Center of Expertise for School IPM
  • Coalitions
  • Publications
  • Videos

• Later in 2015
  • Model IPM bid specs / contract
  • IPM curricula
  • Centralized online information repository

• Coming in 2016
  • Washington State pilot results
Accessing EPA Resources

- www.epa.gov/pestwise/ipminschools
- Center of Expertise: 844-EPA-SIPM (toll-free)
school.ipm@epa.gov
Opportunities for States

- Recognize your important role in establishing and maintaining solid school IPM programs
- Make use of your interactions with schools to promote IPM
- Look for partnership opportunities within your states given everyone’s lean budgets
What are Your Thoughts?

- Have you had incidents in schools (pesticide misuse, news-generating pest infestations) that an IPM program might have prevented?
- How have your State agencies been engaged on School IPM?
- Has School IPM grown (significantly, moderately, marginally, not at all) in your State? Why?
- What do you need from EPA to help foster more IPM adoption?
- How can we better promote school IPM?