

# Incorporating Education into your Mosquito Control Program



**PennState Extension**



KEEP AMERICA BEAUTIFUL AFFILIATE

Tom Smith - West Nile Virus Program Administrator  
York County

*Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.*

**[extension.psu.edu](http://extension.psu.edu)**

# Why Include Education?

There are Lots of Reasons!

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# Joint Statement on Mosquito Control (EPA/CDC) September 2012

State and local government agencies *play a critical role in protecting public health from mosquito-borne diseases*. They serve on the front line, providing information through their outreach programs to the medical and environmental surveillance networks that first identify possible outbreaks. They also manage the mosquito control programs that carry out prevention, *public education* and vector population management.

# What Are The Goals of Education?

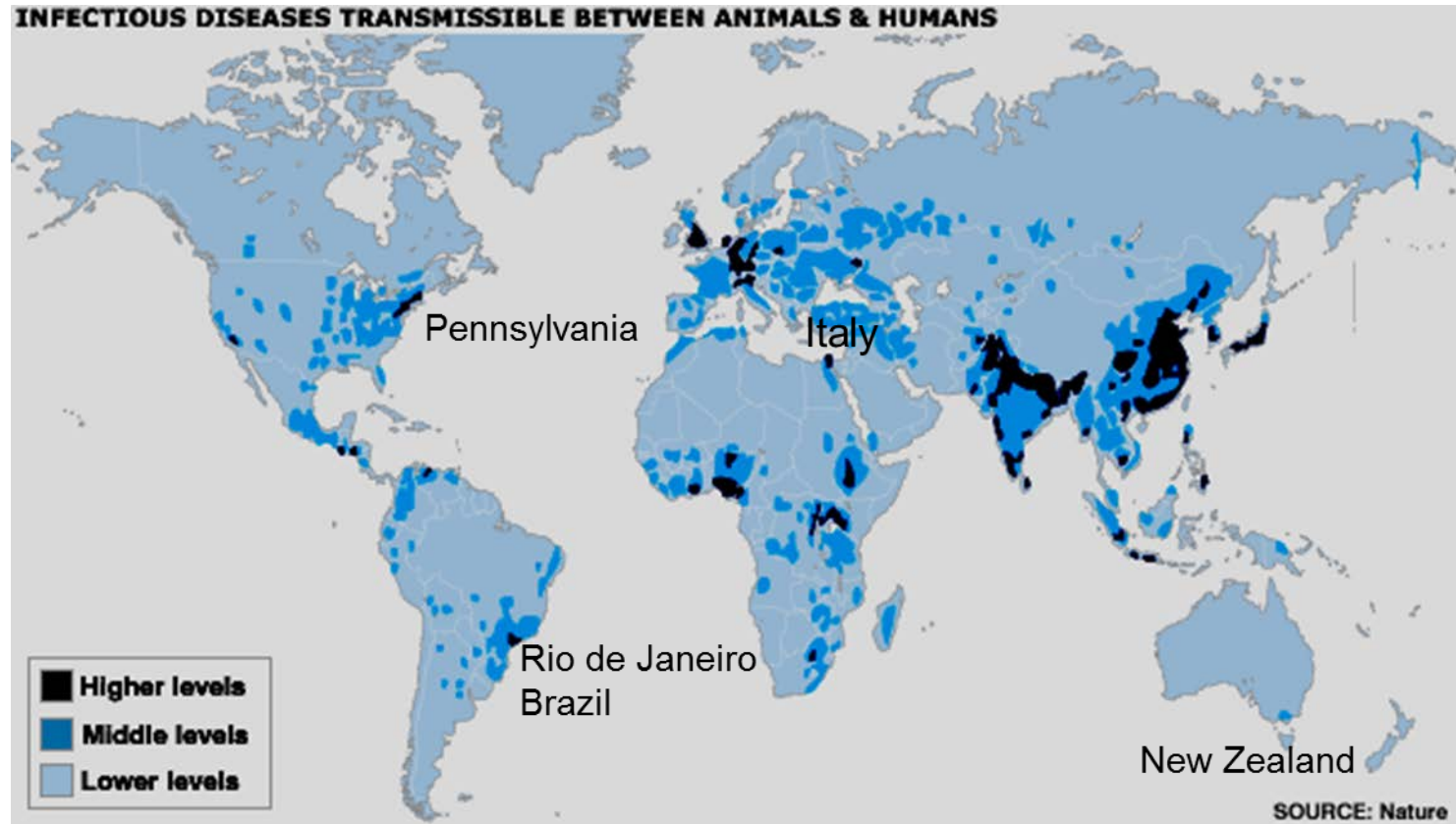
*To be of maximum effectiveness, the people, for whom protection is provided, must understand and support mosquito control.* An integral part of most organized mosquito control programs is public education. *It is important that residents have a good understanding of mosquitoes, the benefits realized from their control and the role people have in preventing certain mosquito-borne diseases.* Being aware of pesticide application times is also important for individuals so they may decide on precautions they may need to take. While this usually involves education of the public through announcements in the media, some control programs have staffs that develop and present educational programs in public schools. *People who are informed about mosquito biology and controls are more likely to mosquito-proof their homes, and eliminate mosquito breeding places on their own property.*



# In The News for 2016

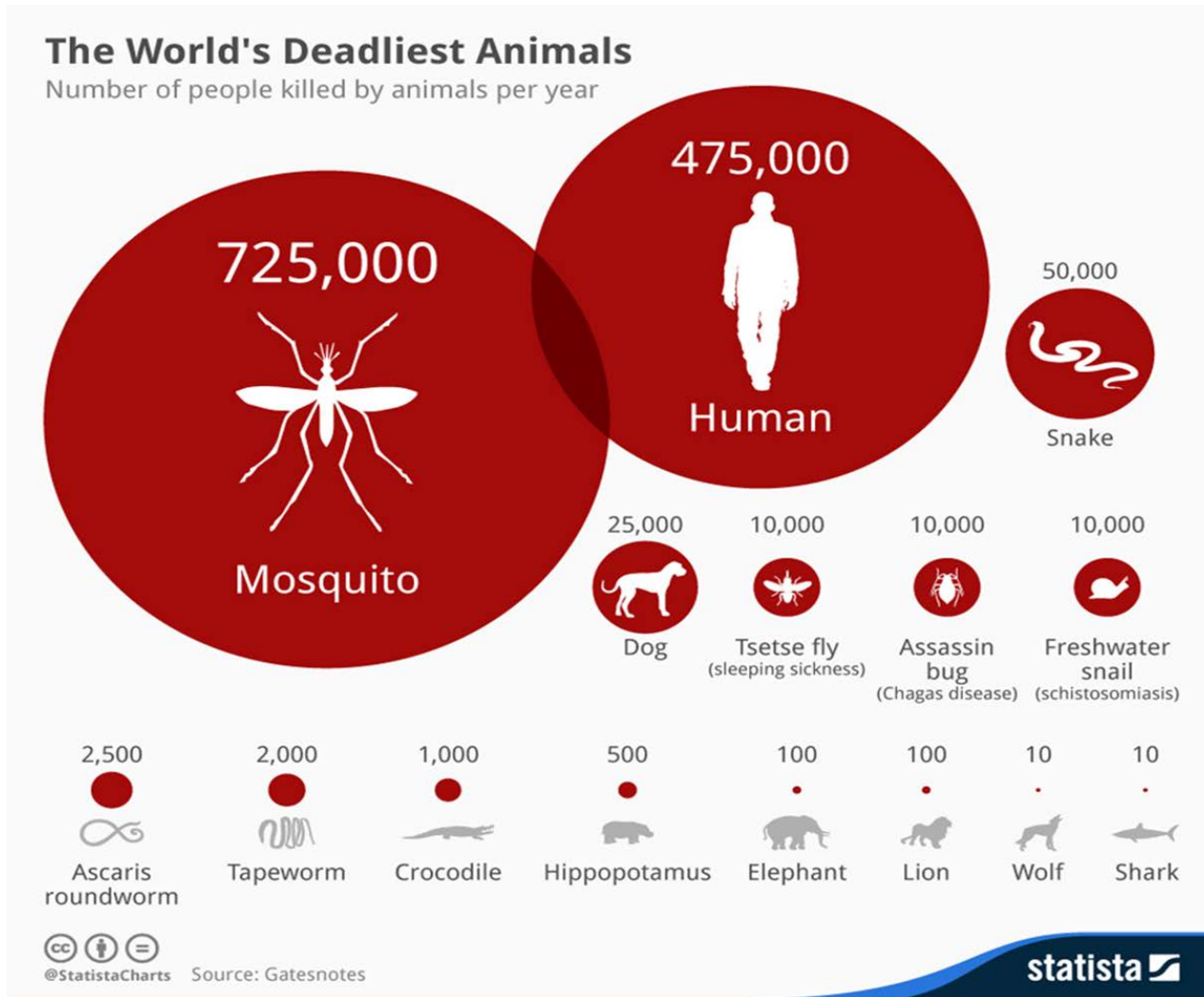


# Infectious Diseases Effects World-wide

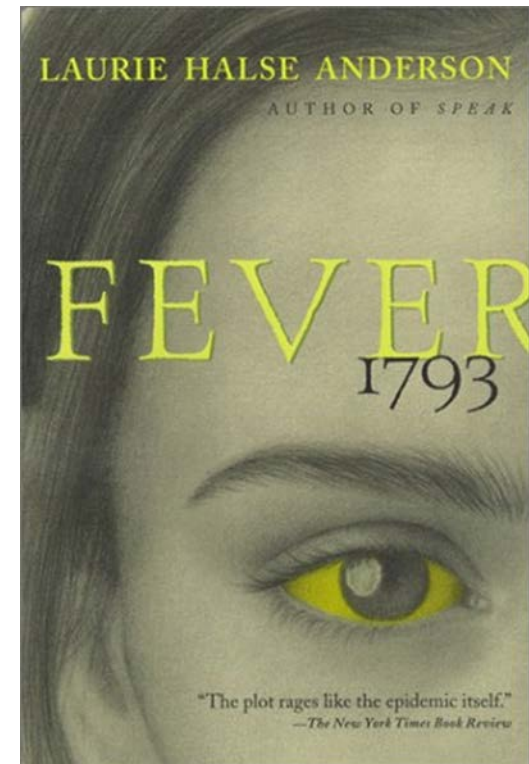
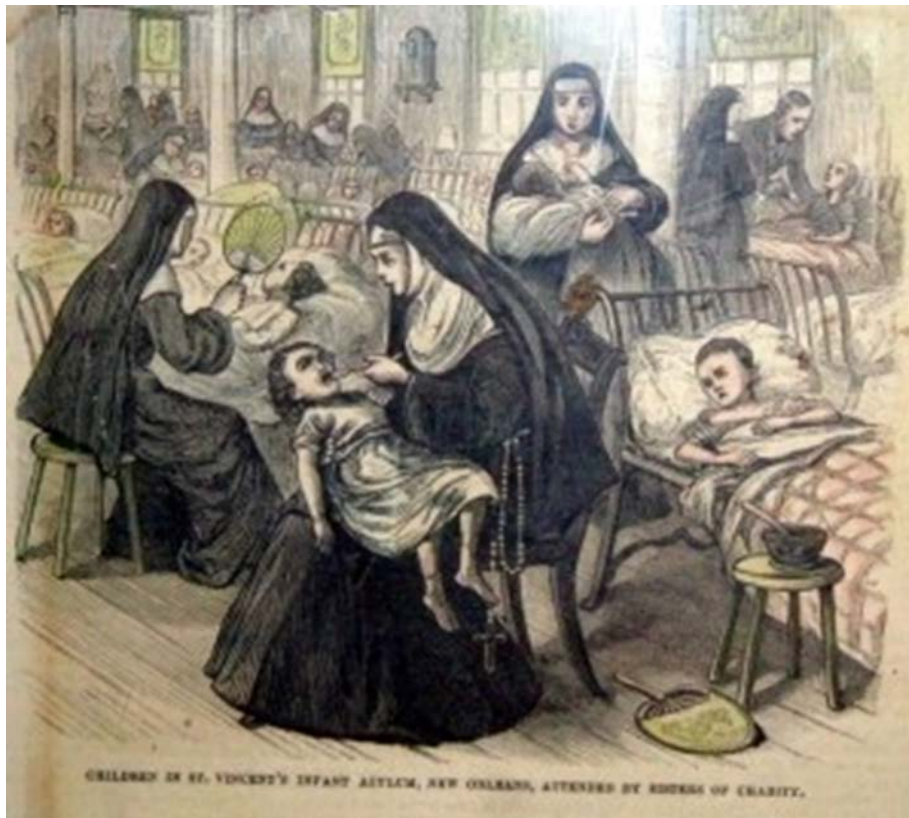


Data spanning 65 years collected by researchers at Zoological Society of London, University of Georgia and Columbia University's Earth Institute. 335 emerging diseases from 1940 to 2004.

# Why Be Concerned With Mosquitoes?



# No One Knew When Yellow Fever Would Strike





# Will Any of This Happen Here?



***At the end of day how many people actually care enough about these facts to do something?***

***The Answer: VERY FEW!***

# Difficult to Properly Educate People

Extension is about educating people interested in learning something. It's voluntary.

People need to:

Hear It!

See It!

Or Do It!

At Least 7 times to adopt a new habit.



# Brain Storming Ideas

- Don't fall into conversations that go....
  - Yes, but or It'll Never Work
- Use a method that removes all barriers to coming up with good ideas.
  - Use Yes, and.....
  - Then see what can be done!



# Who Are We Educating?

- General Public
- Youth
- County Commissioners
- Commercial Applicators
- Business Owners
- Beekeepers
- Environmentalists



# Every Municipality In York County Has This

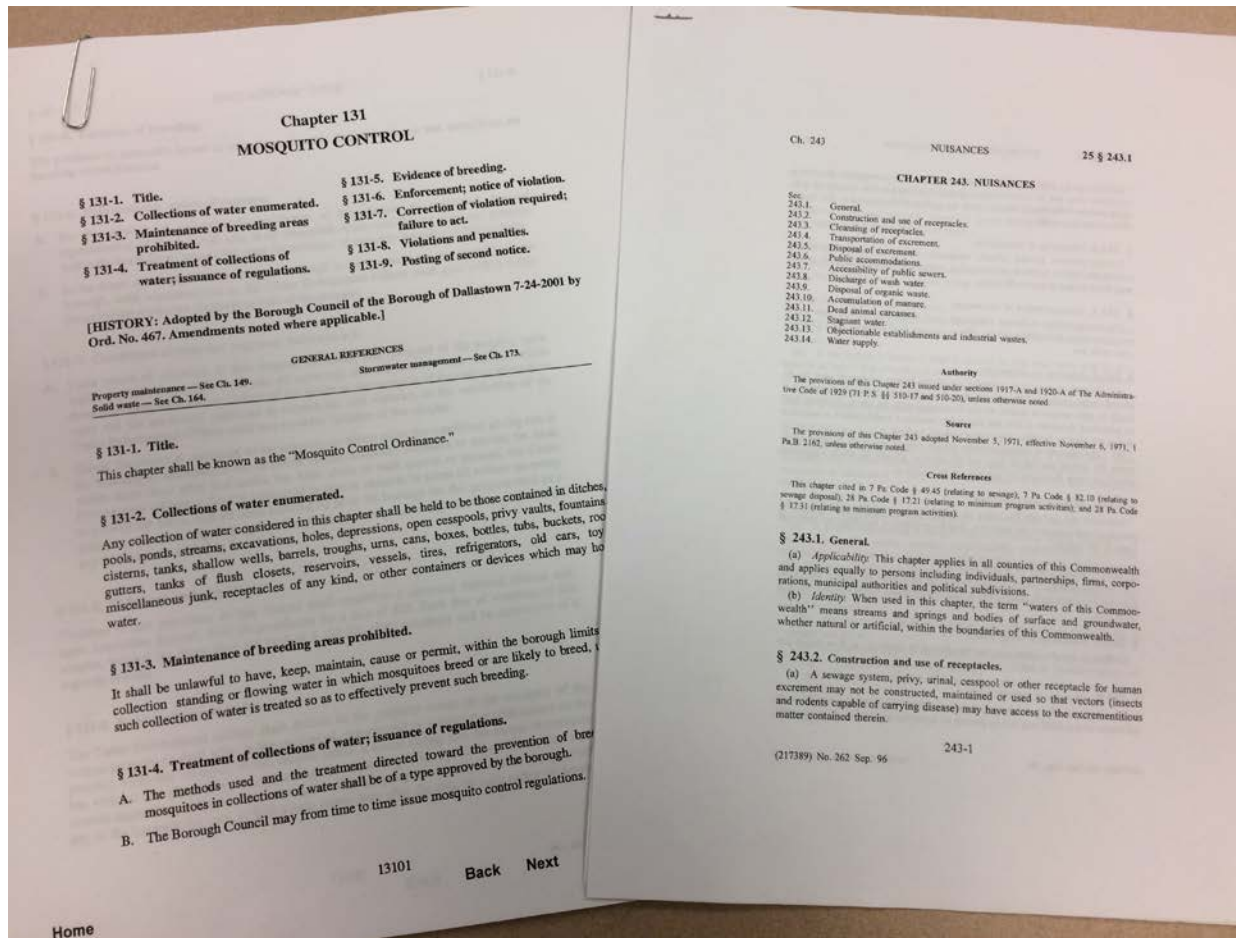




# Enforcement



# Maybe You Can't Do Enforcement The Question Becomes Who Does?



# We Must Provide People The Tools to Solve Their Own Problems



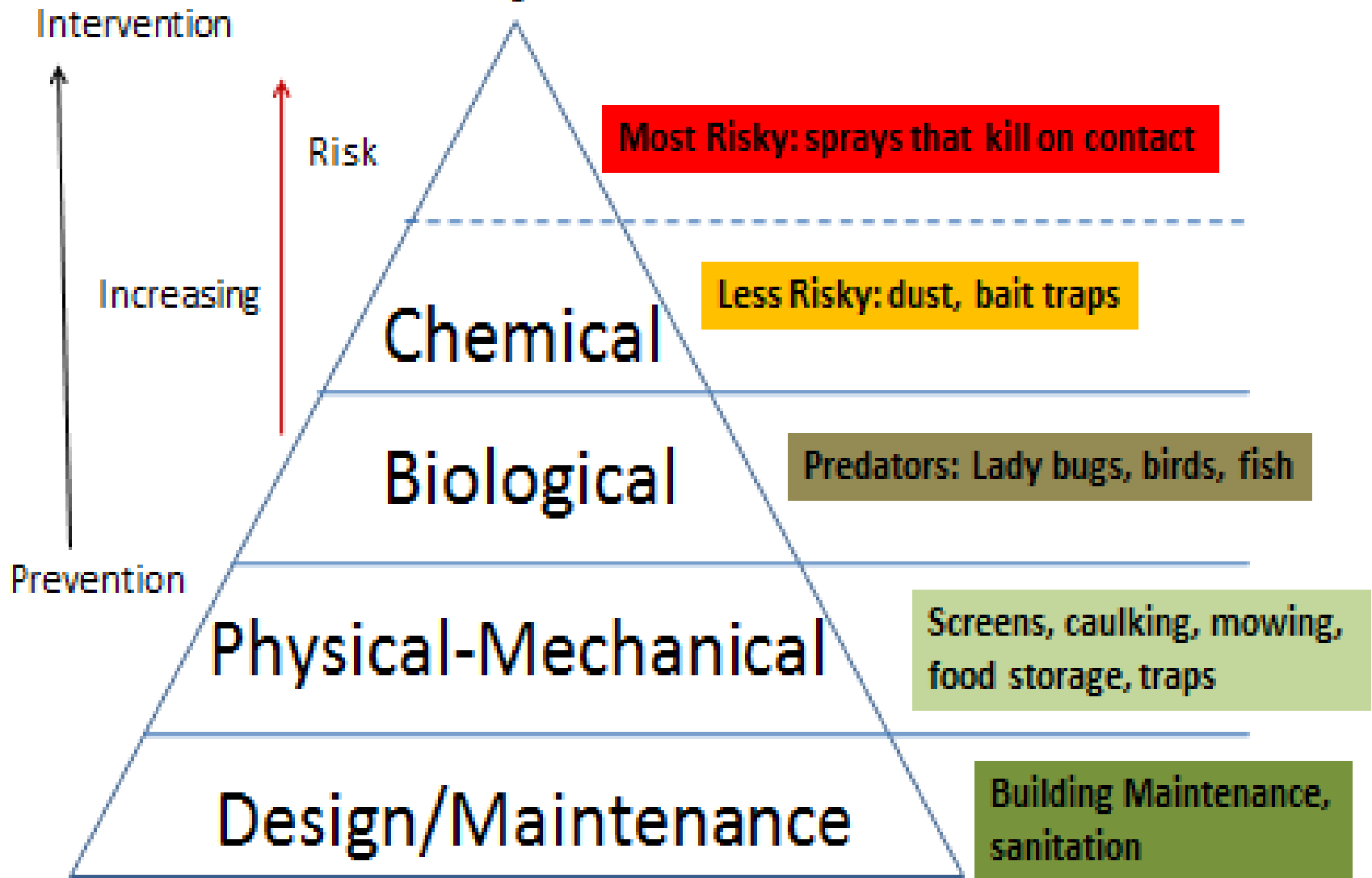
Image Credit: OpenClipArt.org

# The General Public Needs to Know IPM is

- Least hazardous to human health
- Least toxic to non-target organisms
- Most Likely to give long-term control
- Prevents pest before they become a problem
- Most cost-effective
- Most site-appropriate



# Components of IPM

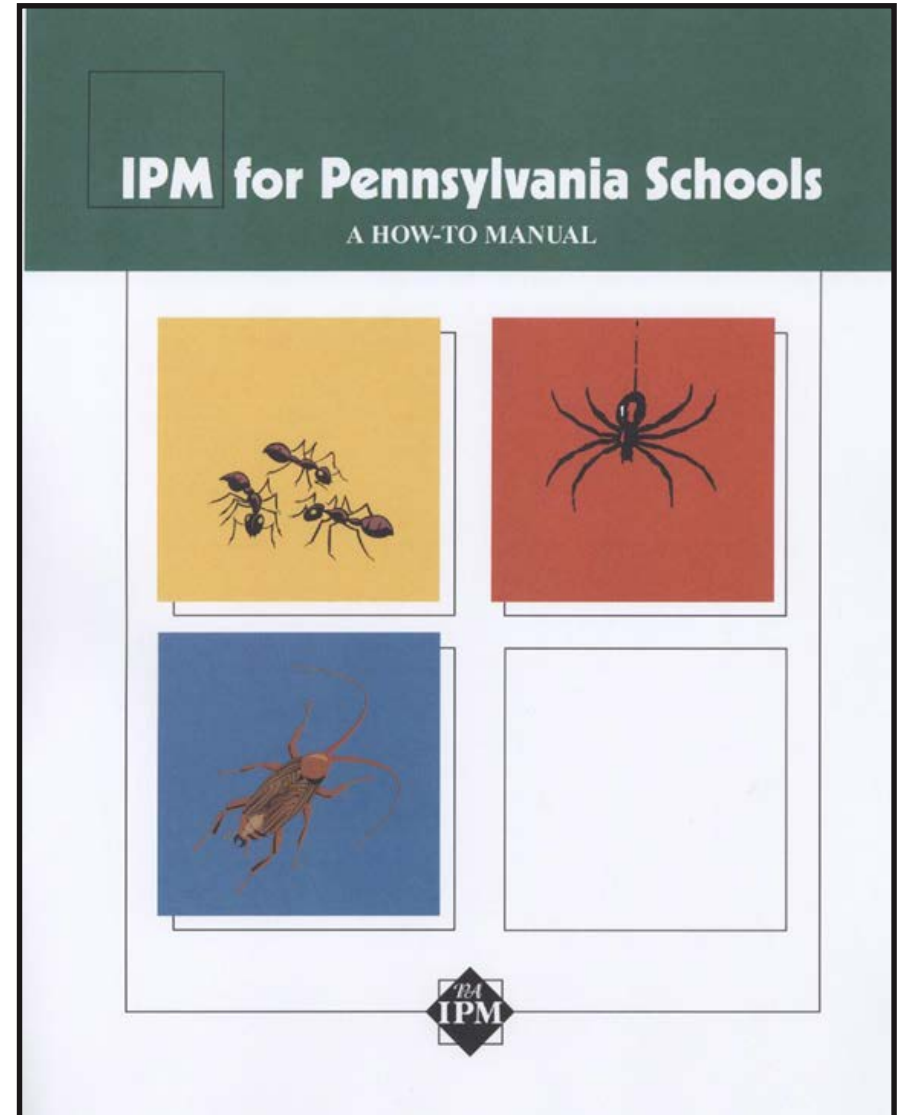




# School IPM

[www.paipm.org](http://www.paipm.org)

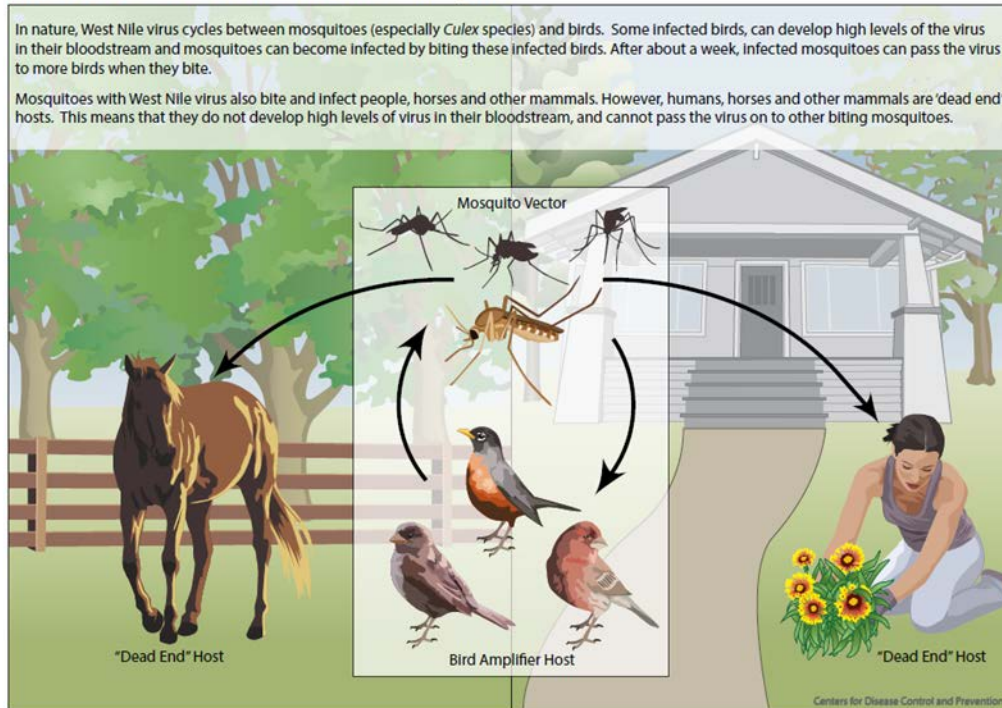
- All PA school districts required to have an IPM plan since January 1, 2003.
- Addresses Indoor Air Quality (IAQ)
- Department of Education Environmental and Ecology Standards





# Taking IPM to the Next Level

## West Nile Virus Transmission Cycle



- IMM – Integrated Mosquito Management
- IVM – Integrated Vector Management

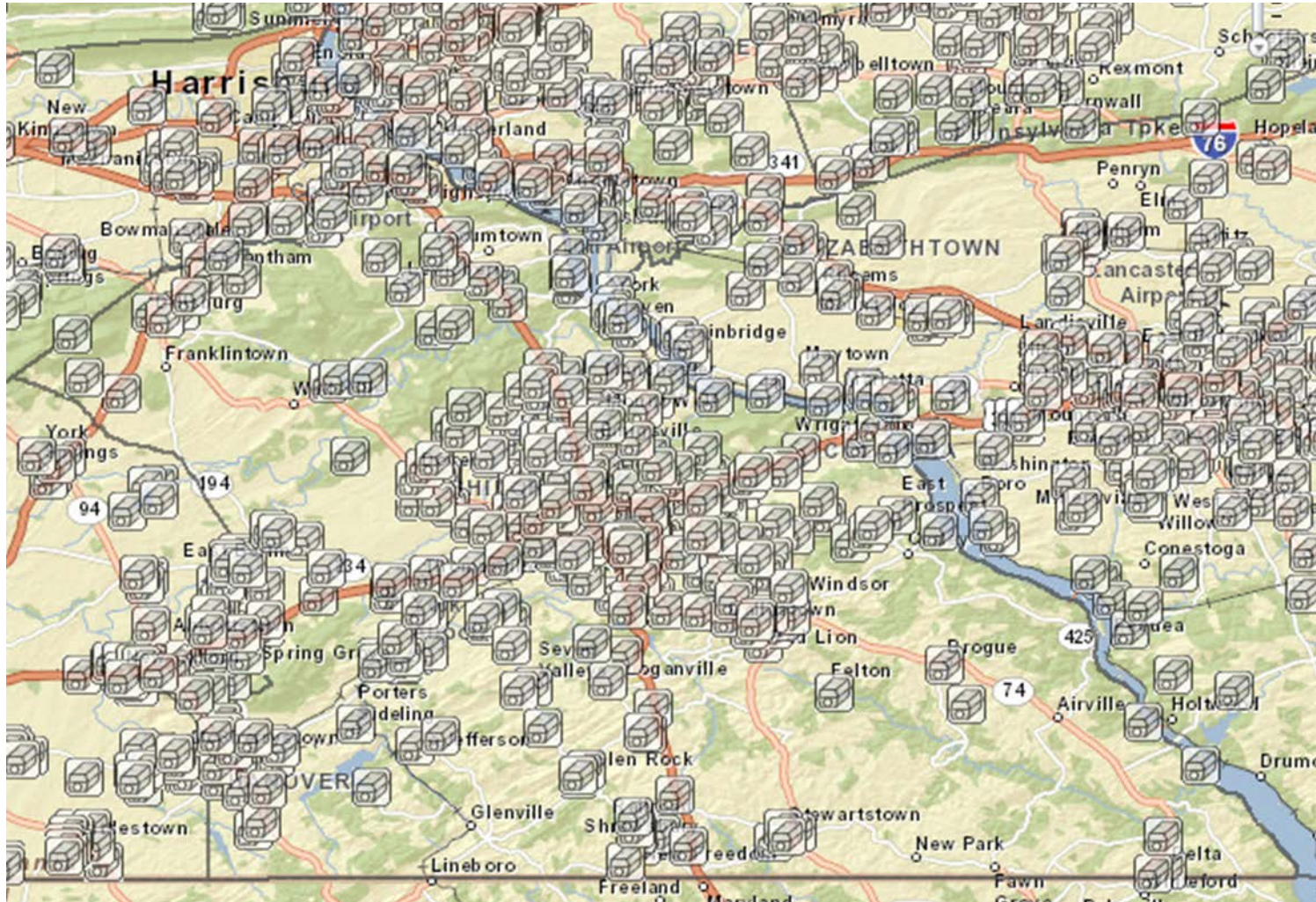
# People Need to Know What Government Funded Mosquito Programs Do

In Pennsylvania Surveillance primarily for *Culex restuans* and *Culex pipiens* species.





# Surveillance Coverage



# Fishing License is Required



- *Fishing is defined as the act of angling, or to catch, take, kill or remove, or the attempt to catch, take, kill or remove, from any waters or other areas within or bordering this Commonwealth any fish by any means or method for any purpose whatsoever.*
- *Yes. A current Pennsylvania fishing license, signed in ink and displayed (attach to a hat or outer garment), is required of persons age 16 and over to fish or angle for any species of fish.*
- *Aquatic insects are also included. They are considered “fishbait.”*





# Control Events



## Adulticide Events

2016 – 3  
2015 - 8  
2014 - 4  
2013 – 13  
2012 – 27



# Know Who The Beekeepers Are

Bureau of Plant Industry - Windows Internet Explorer provided by CAS IT

https://www.papants.state.pa.us/Hypersensitive/BeeHyperSearch.as

Bureau of Plant Industry x Mosquitoes and Ticks — York Co...

File Edit View Favorites Tools Help

Suggested Sites AG Alt. CAS ICT - Support How To's Bureau of Plant Industry KAB Re-TRAC Connect People's Garden USDA Penn State Skill Port PSU Affirmative Action PSU Ag. Pest Ed Blog PSU Bugs PSU Energy- Envir PSU Forest

Display Map: v

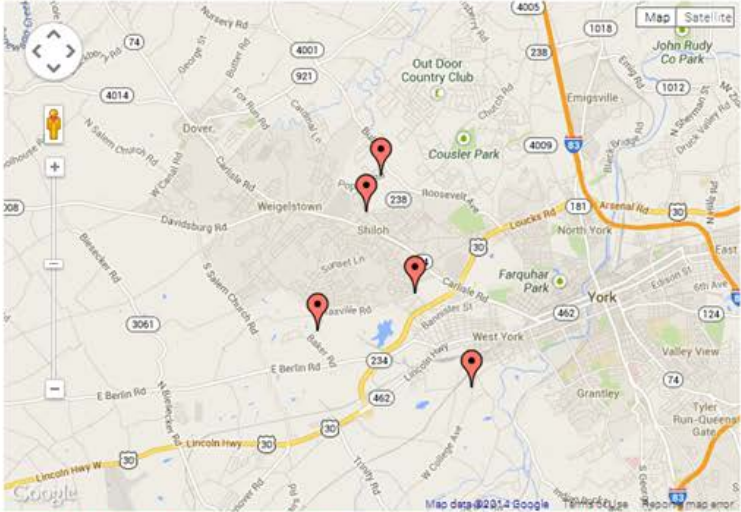
Types:  Hypersensitive Individuals  Apiary's

Search Clear Back Export To Excel

These mapped locations should only be used as a guide. Please note that the actual property line and distances may be different. It is the applicator's responsibility to determine if their application site is within 500 feet of the property line for the addresses listed in the Hypersensitivity Registry.

Information posted on this website may be different from what is published in the current printed Registry. This website is continually updated and displays the most up-to-date information including new listings and changes to contact information. However, the Department will not take enforcement actions based on the internet listing changes until they appear in the printed Registry.

Search Results



Name	Type	Address Type	Address	Geocoded	Phone	County/Township
Barnes, Jeremy & Mary	Apiary	Address	Ilyes Family West Manchester Township Ilyes Farm Mill Rd Seven Valleys, PA 17360	No	Day: 717-428-1144 Night: 717-968-1895 Email: honeybeehisperer@gmail.com	York West Manchester Township
Drapiewski, Cathy	Apiary	Address	same West Manchester	Yes	Day: 717-767-5992 Email: drapiewc@sqasd.org	York West Manchester

Start

10:56 AM  
1/28/2014

# Program Vehicles





# Partner With Your Local Library System





# Partner With Other Government Agencies





# Get On Local Community Television





# Getting the News Out



# Writing News Articles

About Us

Introduction to the Industrial Classification System

Understanding Economic Change in Your Community

Learn More...

Services, Courses, and Workshops

Upcoming Events

Publications

News

Extension Economic & Community Development Team

Contact Us

Directory

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Subscribe by e-mail

## Improving Public Health Through Wiser Land Use Planning

Share  
f t G+1

Tags: [21st Century Community Economic Development](#), [Building Strong Communities](#), [Land Use and Local Decision Making](#)

Posted: June 22, 2016

Land use planning should place a greater emphasis on improving public health by preventing mosquito concerns and potential disease risks.

So who is responsible for public health concerns? Land use planning should play a role in preventing public health concerns, such as mosquito concerns. Everyone enjoys being outdoors in the summer but no one likes getting bit by mosquitoes. People are reporting more complaints now due to concerns about Zika virus. We can comfort people by letting them know that Zika virus is not going to be a major concern in Pennsylvania. Even so, people are still becoming more aware of ways to prevent mosquito concerns. Wiser planning

### Community Development Team

@ecdPennStateExt

Home

About

Photos

Events

Likes

Videos

Posts

Manage Tabs

Promote

Liked Following More



### Improving Public Health Through Wiser Land Use Planning (Economic and Community Development)

Land use planning should place a greater emphasis on improving public health by preventing mosquito concerns and potential disease risks.

EXTENSION.PSU.EDU

540 people reached

Boost Post

Like Comment Share

# Facebook

Fixing York PA - Windows Internet Explorer provided by CAS IT

https://www.facebook.com/groups/fixingyorkpa/

Fixing York PA

File Edit View Favorites Tools Help

CCPaSEC G Home - MG Coordinators Site All Files Powered By Box Reporting Child Abuse - Ass... My Penn State Admissions Historic Preservation Employee-facing registry co... User Dashboard (2)

Fixing York PA

Tom Smith Home

Fixing York PA Public Group

Joined Share Notifications

Discussion Members Events Videos Photos Files

mosquitoes

SHORTCUTS

- Penn State Extensio... 1
- Keep York Beautiful 1
- York Audubon Society 9
- Master Watershed St... 4
- Fixing York PA

EXPLORE

- Events 3
- Pages
- Groups
- Saved
- Friend Lists

CREATE

Ad Page Group Event

mosquitoes

Kim Lynn Elias-Frock July 19, 2016

Anyone else have a mosquito problem? I live on the east side n the Asian tiger skeeters are awful.

1 Like 6 Comments

Like Comment Share

Dru Peters shared a link. April 27, 2016

reduce mosquitoes!

West Nile Virus Prevention

Penn State Extension West Nile Virus Program Administrator Thomas Smith demonstrates the trap used to collect mosquitos for research as he suggests

ADD MEMBERS

Enter name or email address...

MEMBERS 5,026 Members (28 new)

SUGGESTED MEMBERS

- Michelle Lombardo Smith Add Member
- Patricia Harless Add Member
- Jim DeRaleau Add Member

DESCRIPTION

All are welcome to join this group and post or get into discussi... See More

TAGS

York, Pennsylvania - York City School District

Susan J. Kirkpatrick likes Carole Kirkpatrick's post.

Iris Ferber shared a link.

Leanne Farree reacted to

Annalisa Gojmerac 41m

Michelle Lombardo S... 1h

Caroline Smith 21m

Robert Sharpley 2h

Lisa Williams 3m

Dru Peters 1m

Heather S. Klinefelter 38m

Anne Jaurez Clark 54m

Turn on chat to see who's available.

Search

Start

Inbox - archive...

\\ext-yor-srv-0...

Fixing York P...

Mosquito Educ...

11:04 PM 1/31/2017



# Take Advantage of News Interviews







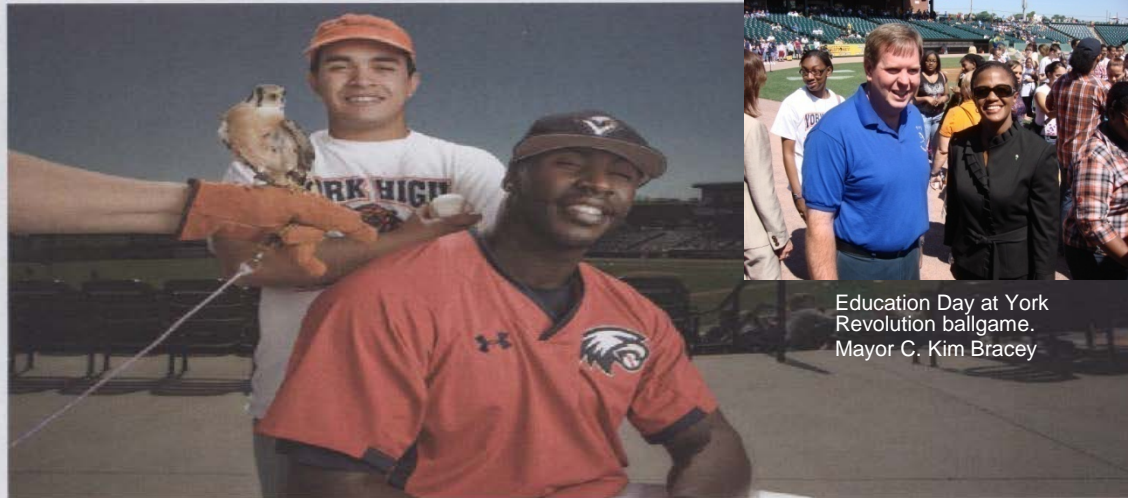
# Youth Programs and Activities



# Internships

## Audubon in Action

PEOPLE, EFFORTS, AND VICTORIES OF THE NATIONAL AUDUBON SOCIETY



Education Day at York Revolution ballgame. Mayor C. Kim Bracey

Bats and birds: Jose Diaz and the York Revolution's Corey Thurman are joined by an American kestrel.

### A Home Run for Herons

Baseball supports America's other favorite pastime.

**A**t a York ballpark on a picture-perfect day, Jose Diaz is about to fulfill an American dream. Audubon Pennsylvania and the York Revolution, a minor league

baseball team, have invited him to throw out the ceremonial first pitch. "I'm really nervous," confesses the senior at William Penn High School. "I've never thrown a baseball." Sure enough, he repeatedly drops a ball he's tossing in the air.

Diaz is being honored today for his stardom on other fields. He's taken a leading role in a three-year effort by Audubon Pennsylvania and the York Audubon Society to restore the

city's Kiwanis Lake, an Important Bird Area, and other watersheds nearby. For the project, about 500 high school students have planted more than 1,000 native trees and shrubs. As a result, yellow-crowned and black-crowned night herons and great egrets have taken up residence to nest and shelter their young. This IBA is the only site in Pennsylvania where these three state endangered species nest in close proximity.

Before today's game the Revolution lets Phil Wallis, Audubon Pennsylvania's executive director, use the first-base line as a pulpit. "Their home is your home," he tells the crowd. "Let's not let the endangered species be forgotten!" In the stands are hundreds of kids who helped with the planting; they're able to attend today's game thanks to discounted tickets that Audubon raised funds to cover. "If you are going to be a community team, you to need to earn its respect," says Matt O'Brien, the Revolution's general manager.

Environmental awareness is growing at ballparks. This year the Minnesota Twins have planted 100 trees in state parks each time a Twins pitcher breaks an opponent's bat. In stadiums across the country, recycling programs and waterless urinals are becoming as commonplace as Cracker Jack.

Diaz's pitch takes one bounce and lands softly in the catcher's mitt. His thoughts are already drifting, he says, to the birds at Kiwanis Lake. "Providing a home to many birds is so important to the future," he says. While lots of his classmates spent this summer playing sports or taking it easy, Diaz had an Audubon internship studying, among other things, West Nile virus.—David Seideman

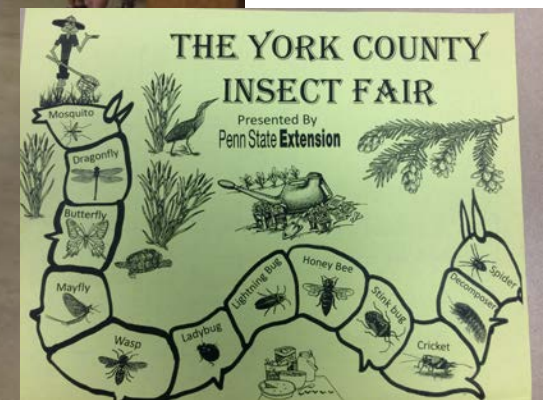


# Don't Forget Those Birding People



**York Audubon Society**

# Insect Fair





# Truck and Equipment Day Event



# Working with Municipalities

Hanover Borough  
Mosquito Issues @ 125 Centennial Avenue  
Visited on May 13, 2013



Property visited on May 13, 2013 by York County West Nile Virus Program and PA DEP Regional Biologist. Approximately 26 containers dumped and turned over at this property found to be producing mosquitoes. Still many more potential mosquito sources exist at this property which Hanover Borough Code Enforcement must address.

Contact information  
Penn State Extension  
York County West Nile Virus Program  
112 Pleasant Acres Road, York, PA 17402  
717-840-2375 or email: [fls35@psu.edu](mailto:fls35@psu.edu)



# Programs for Commercial Applicators

## Speakers:

Tim Abbey, Horticulture educator  
Penn State Extension  
Sinclair Adam, Horticulture educator  
Penn State Extension  
Virginia Brubaker

## REGISTRATION

### Online:

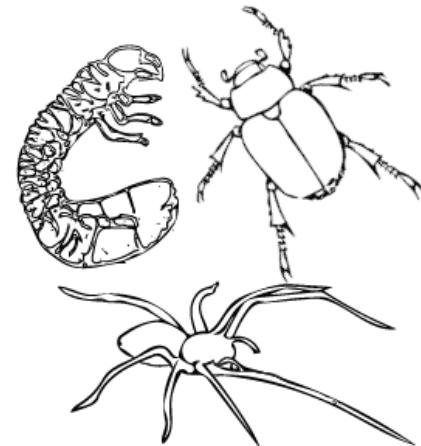
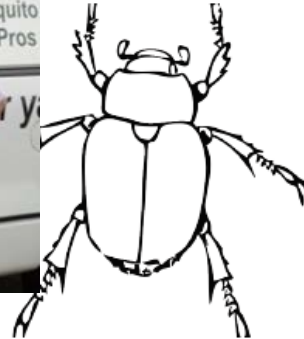
[extension.psu.edu/turf-ornamentals-landscapes](http://extension.psu.edu/turf-ornamentals-landscapes)  
or by phone:  
717-921-8803



**PennState Extension**

## Professional Pest Manager's School

Credits to be awarded pending final course  
from the Pennsylvania Department of Agriculture  
Private • Applicator or PC • Category 5  
Category 6 • Category 7 • Category 10  
Category 11 • Category 16 • Category 18  
Category 22 • Category 23 • Category 24



December 5, 2016



Penn State Extension  
Tom Smith, West Nile Virus Program Administrator  
Penn State Extension



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*Where trade names appear, no discrimination is intended,  
and no endorsement by Penn State Extension is implied.*



**PennState Extension**

# *NPDES\* General Use Permit needed for Mosquito Control Pesticides*



**\*National Pollutant Discharge Elimination System**

# Pesticide Applicator Recertification Programs





# What County do you live in?

PA West Nile Virus Control Program - Windows Internet Explorer provided by CAS IT

http://www.westnile.state.pa.us/contacts.htm

File Edit View Favorites Tools Help

West Nile Home Hot Zones Upcoming Events **County Contacts** What Can I Do? Health Information Surveillance Maps & Data Downloads FAQ Recent News Links

## Pennsylvania's West Nile Virus Control Program

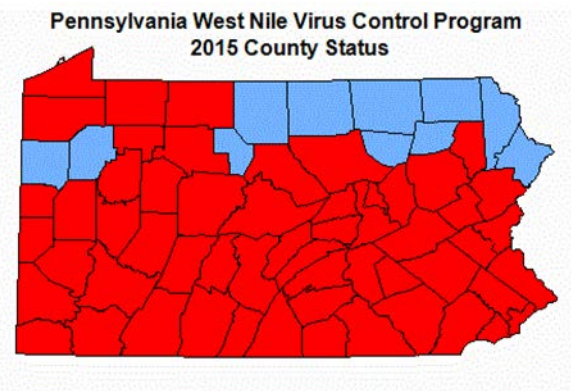
PROTECTING PUBLIC HEALTH SINCE 2000

### West Nile Virus County Coordinators for Mosquito Surveillance and Control

If your county is not listed below, please contact Vector Management at (717) 346-8243.

County	Coordinator Email	Office (Grantee)	Address	Phone FAX
<a href="#">Adams</a>	Matthew Stough mstough@adamscounty.us	Adams Co. Conservation District	670 Old Harrisburg Rd., Ste. 201 Gettysburg, PA 17325-3404	(717) 334-0636 (717) 337-0730
<a href="#">Allegheny</a>	William Todaro wtodaro@achd.net	Allegheny Co. Chief Exec. Officer	3190 Sassafras Way Pittsburgh, PA 15201	(412) 350-3886 (412) 350-2792
<a href="#">Beaver</a>	Susan Boser smw16@psu.edu	Beaver Co. Commissioners	810 Third St. Beaver, PA 15009-2129	(724) 774-3003 (724) 774-0971
<a href="#">Berks</a>	Daniel Greig dan.greig@berkscd.com	Berks Co. Conservation District	1238 County Welfare Rd., Ste. 200 Leesport, PA 19533-0520	(610) 372-4657 (610) 478-7058
<a href="#">Blair</a>	Daniel Boyles dboyles@atlanticbcbn.net	Blair Co. Commissioners	423 Allegheny St. Hollidaysburg, PA 16648-0539	(814) 940-5905 (814) 940-5907
<a href="#">Bucks</a>	Philip J. Smith pjsmith@co.bucks.pa.us	Bucks Co. Commissioners	55 E. Court St. Doylestown, PA 18901-4327	(215) 345-3334 (215) 340-8456
<a href="#">Cambria</a>	Mary A. Vibostok mvibostok@co.cambria.pa.us	Cambria County Commissioners	200 S. Center St. Ebensburg, PA 15931-1947	(814) 534-2810 (814) 539-9656
<a href="#">Centre</a>	Albert M. Lavan amlavan@centrecountypa.gov	Centre Co. Commissioners	420 Holmes St. Bellefonte, PA 16823-1488	(814) 355-6791 (814) 355-8661

Start | Inbox - Mailbox... | PA West Nile ... | What You Need... | 4:12 PM 12/1/2014



# Residents Can Report Problems

The Pennsylvania West Nile Virus Control Program - Windows Internet Explorer provided by CAS IT

http://www.wnvc.state.pa.us/wnv/First.aspx

File Edit View Favorites Tools Help

My Penn State Admissions Bureau of Plant Industry KAB Re-TRAC Connect getconnected.unitedw

Complaint ID:

New Complaints	Followed-Up Complaints	Closed Complaints
0	0	18

STATUS	MOSQUITO COMPLAINT ID	COMPLAINT DATE	FOLLOW-UP DATE	COUNTY	CITY	CITIZEN	CITIZEN COMMENTS	DEP COMMENTS
CLOSED	<a href="#">798</a>	7/29/2013	7/30/2013	York	Hanover	Diane Elkins	She is complaining about being bitten...	I spoke with her on 7/30 and told her...
CLOSED	<a href="#">758</a>	7/21/2013	8/6/2013	York	Hanover	Rick Golden	Mosquitoes are extremely bad in the n...	Forwarded to York County PSU-- CB
CLOSED	<a href="#">712</a>	7/15/2013	7/16/2013	York	York	Jared Smith	Hi. We have hordes of mosquitos. They...	Complaint forwarded to York County PSU
CLOSED	<a href="#">713</a>	7/15/2013	8/6/2013	York	Delta	Donna Evans	Donna is complaining about a stagnant...	Complaint was received through SC Reg...
CLOSED	<a href="#">668</a>	7/9/2013	7/9/2013	York	York	Ashley Althouse	I live in the neighborhood by York Co...	Forwarded to York County PSU extension
CLOSED	<a href="#">669</a>	7/9/2013	7/9/2013	York	York	Penny Ayers	We have an intense mosquito problem i...	forwarded to York County PSU extension
CLOSED	<a href="#">670</a>	7/9/2013	7/10/2013	York	York	Jessica Eagles	Our neighborhood has an unusually hig...	Forwarded to the York County WNV program
CLOSED	<a href="#">671</a>	7/9/2013	7/10/2013	York	York	Marlo Fielding	We have a huge mosquito issue in our ...	Forwarded to the York County WNV program
CLOSED	<a href="#">672</a>	7/9/2013	7/10/2013	York	Hanover	Laurie Reedy Weaver	Good Afternoon! I am very happy to s...	Forwarded to the York County WNV prog...
CLOSED	<a href="#">673</a>	7/9/2013	7/10/2013	York	York	Gina Trimmer	Wow, we live by the creek at York Col...	Forwarded to the York County WNV program
CLOSED	<a href="#">674</a>	7/9/2013	7/10/2013	York	York	Jeremy Bender	We have a problem, with the Mosquitos...	Forwarded to the York County WNV program
CLOSED	<a href="#">675</a>	7/9/2013	7/10/2013	York	York	mindy haines		Forwarded to the York County WNV program
CLOSED	<a href="#">526</a>	5/28/2013	5/29/2013	York	York	Judith Gorman	A house across the street, in the 400...	This complaint has been forwarded to ...
CLOSED	<a href="#">508</a>	5/22/2013	5/23/2013	York	York Haven	Sharon Borger	The property next door to us is vacan...	This complaint has been forwarded to ...
CLOSED	<a href="#">494</a>	5/15/2013	5/20/2013	York	Mechanicsburg	Jeff Tobias	Attached by mosquitoes when he nears ...	Mr. Tobias traveled to the DEP office...
CLOSED	<a href="#">478</a>	5/1/2013	5/8/2013	York	Wrightsville	Amanda Eneidy	Good Afternoon, I am reaching out to ...	Complaint was forwarded to York Count...
CLOSED	<a href="#">468</a>	4/23/2013	4/24/2013	York	York	zane forry	my neighbor has a shed piled with hun...	Complaint was forwarded to York Count...
CLOSED	<a href="#">449</a>	4/9/2013	4/9/2013	York	York	Dave Weaver	We have very aggressive Asian tiger M...	This complaint was forwarded to the C...

18 Record(s)

Start | Inbox - Mailbox... | \\ext-yor-srv-0... | The Pennsylv... | Taming the Tig... | 11:57 AM 3/28/2016

## Mosquito Complaint & Bird Reporting



**Online Reporting**  
...of mosquitoes and dead birds will return in April

The mosquito complaint and dead bird reporting tools will be available again in April. Thank you for using these features during the past mosquito season!



# What Can Be Found in 2 Blocks



# Developing Educational Material

## The Asian Tiger Mosquito



Scientific Name: *Aedes albopictus*

**Appearance:** Black mosquito with striking white markings on the body and legs.

**Personality:** Very aggressive, daytime biter.

**Her Favorite Meal:** Human blood is preferred but she will feed on other mammals and birds.

**Preferred Breeding Sites:** She lays her eggs in artificial containers sometimes before they collect water or above the water level. These can be as big as an abandoned swimming pool or as small as a bottle cap. Additional places she may lay her eggs are tires, flowerpots, roadside trash (cups, cans & bottles) and black corrugated drain pipes.

**Daytime Hangouts:** Anywhere cool and shady. Ivy, azaleas, bushes and other shrubs are her favorite resting places.

**Health Risk:** The Asian tiger mosquito is known to be an effective vector for a variety of diseases including West Nile Virus, Yellow Fever, Dengue Fever and dog heartworm.

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*This publication is available in alternative media on request.*

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[www.westmile.state.pa.us](http://www.westmile.state.pa.us)

Penn State Cooperative Extension  
York County West Nile Virus Program  
112 Pleasant Acres Road  
York, PA 17402

<http://york.extension.psu.edu/Agriculture/wmv.htm>  
717.840.2375  
[fls35@psu.edu](mailto:fls35@psu.edu)

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AGRICULTURE | COMMUNITY & FAMILY | ENVIRONMENT

Now in  
York County

The Asian  
Tiger  
Mosquito

**grow**  
Vector Awareness



PENNSSTATE

An OUTREACH Program of the  
College of Agricultural Sciences  
York County Cooperative Extension  
West Nile Virus Program

**Penn State Extension**



## Reducing Asian Tiger Mosquito Concerns

### The Asian Tiger Mosquito

**Scientific Name:** *Aedes albopictus*

**Appearance:** Small (1/4" in size), black mosquito with striking white markings on the body and legs.

**Personality:** Very aggressive, opportunist, daytime biter.

**Her Favorite Meal:** In urban areas will primarily blood-feed on humans, dogs, cats, other mammals and birds.

**Preferred Breeding Sites:** She lays her eggs in artificial containers before they collect water or above the water level. These can be as big as an abandoned swimming pool or as small as a bottle cap. Additional places she may lay her eggs are tires, flowerpots, roadside trash (cups, bottles, cans and plastic bags) and corrugated drain pipes.

**Daytime Hangouts:** Anywhere cool and shady. Ivy, azaleas, bushes, other shrubs and brush piles are her favorite resting places.

**Health Risk:** The Asian tiger mosquito is known to be an effective vector for a variety of global diseases. West Nile risk is low because she does not have a preference for birds.

### Protect Yourself from Bites

- Wear light-colored and loose fitting long pants and long sleeve shirt to avoid mosquito bites.
- Apply an insect repellent to exposed skin when outdoors.
- If you are sitting outside on a deck or patio, take an electric fan outside to blow the air around. Asian Tigers are weak flyers and stay away.
- The Center for Disease Control and Prevention recommends using repellent products containing DEET, picaridin or oil of lemon eucalyptus. (Make sure you choose and use the repellent that works best for you.) Do not allow young children to apply insect repellent to themselves. Always have an adult help them. **REMEMBER** to always read and follow the label instructions when using insect repellents.

PENNSSTATE



Cooperative Extension  
College of Agricultural Sciences

An OUTREACH program of the College of Agricultural Sciences

[extension.psu.edu](http://extension.psu.edu)



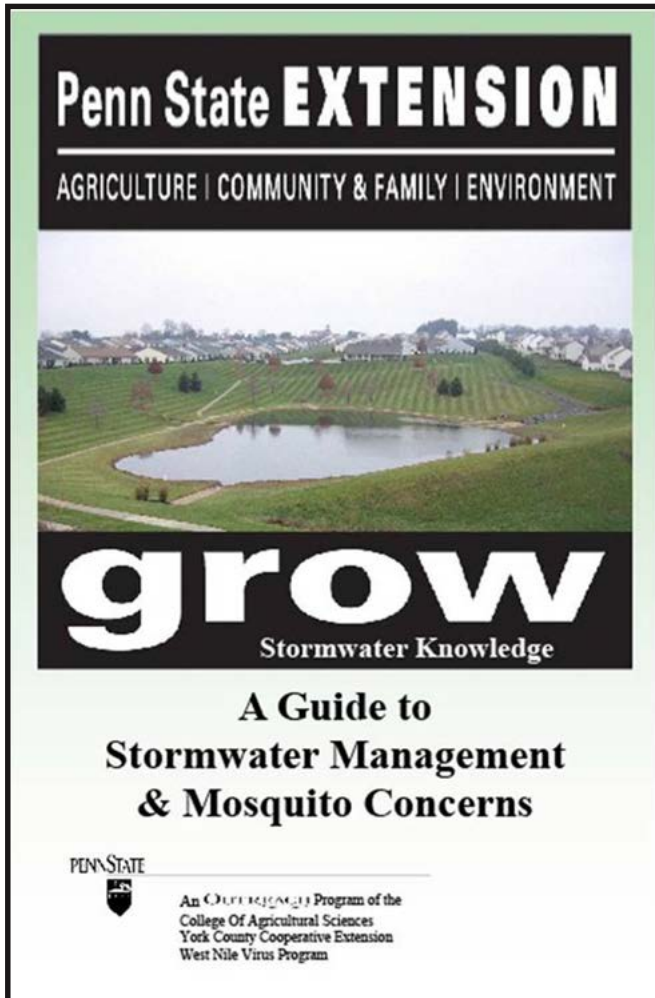
PennState Extension



# Getting Residents to be Responsible



# Stormwater Concerns





# Mower Issues





# Problem Solved!



# Radio Interviews

## GARDEN TALK

with  
Bob Carey

WIOO AM1000 \* WEEO AM1480  
93.9 FM  
Sunday Mornings 11:30- 12:30

The show for folks  
who own, eat, and  
play around plants.





# Videos

YouTube

west nile york pa



West Nile Virus Prevention



York Dispatch

Subscribe 366

98 views



Litter Letter Project is underway. Tom Smith, exec. director of Keep York Beautiful, said it's about



York Daily Record/Sunday News

Subscribe 65

5 views



PennState Extension



# Free Tire Disposal Program



## York Waste Authority kicking off free tire disposal



David Weissman, 505-5431@DispatchDavid 11:38 a.m. EDT March 21, 2016



(Photo: .)

### STORY HIGHLIGHTS

- Free tire disposal program will accept registrants March 21 through May 20.



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MORE

The York County Solid Waste Authority will once again offer free tire disposal to coincide with Earth Day celebrations.

Residents may register for the program beginning Monday through May 20, according to an authority news release.

Participants should call Mindy Waltmeyer, the authority's community service specialist, at (717) 845-1066 between 8 a.m. and 5 p.m. Monday through Friday during the registration period.

The program is limited to one placard per household, and businesses are not permitted to participate. Tire delivery dates will be scheduled on a first come, first served basis.



YORK DISPATCH

First West Nile virus case in York County for 2015 reported

Waltmeyer said the program is also intended to raise awareness among residents that they are allowed to leave tires out to be picked up by their trash haulers. Depending on the hauler, residents can have one or two tires picked up per week, she said.

"It's important not to let tires just lay on your property," Waltmeyer said.

The program is being held in conjunction with Keep York Beautiful's campaign to eliminate illegal trash dumping sites.

Tom Smith, executive director of the organization, said sitting tires are a major issue in York County because they serve as a breeding ground for mosquitoes.

Smith also serves as West Nile virus program administrator for the York County Penn State Cooperative Extension.

Last year, York County ranked first in the state for West Nile virus detections with 375 mosquitoes testing positive, Smith said.



KEEP AMERICA BEAUTIFUL AFFILIATE

# 2011-2012 Participated in Rutgers University study.



YorkCityHealthDEPT-April2011.pdf - Adobe Reader

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Comment Share

## Public Health Points

**York City Bureau of Health**  
**Volume 26, Issue 10** Phone: 717-849-2252 Fax: 717-852-9397 **April 2011**  
[www.yorkcity.org](http://www.yorkcity.org)


### York City to be Part of Asian Tiger Mosquito Management Project

Penn State Cooperative Extension – York County West Nile Virus Program is cooperating with Pennsylvania Department of Environmental Protection and Rutgers University in a two-year program using ovitraps to collect data on early populations of Asian tiger mosquitoes and to develop effective control strategies. For the past two years the Asian tiger species has been the third most collected mosquito species in York County.

During the first year of implementing this program, ovitraps will be placed at 25 sites within a one-kilometer square area of York City and will be checked weekly by program staff. Ovitrap are un-shaped traps used to monitor Asian tiger mosquito egg laying activity.

During the second year, weekly collections from ovitraps will continue and control efforts may be instituted to control the Asian tiger mosquito populations. Control efforts may include habitat reduction and the use of area-wide pesticides. Pesticides to be used will be the same products used in Pennsylvania, including various locations in York County, to control mosquito-associated West Nile Virus over the last 10 years.

The success of this program is critical to developing a mosquito control strategy specific to the Asian tiger mosquito and reducing the risk of West Nile fever and dengue fever. In 2010, Pennsylvania had 20 imported human cases of dengue fever. Dengue is endemic in Puerto Rico and Florida, as well as most tropical countries. Current methods of mosquito control do not provide any long-term relief from Asian tiger mosquito populations.



Reportable Conditions – 2011 City of York, Pa		
Reported Cases	Mar.	Total
Animal Bites	2	3
Campylobacter Enteritis	0	1
Chlamydia	40	125
Gonorrhea	6	24
Hepatitis B	2	3
Hepatitis C	10	34
HIV Infection	0	4
Influenza Type A	4	17
Influenza Type B	2	2
Invasive Group A Beta-Strep Disease	1	4
Lead Poisoning	4	9
Lyme Disease	0	1
Pertussis	0	1
Respiratory Syncytial Virus Infection	12	39
Salmonellosis	1	3
<b>Total Case Reports</b>	<b>84</b>	<b>270</b>

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# Share What You Are Doing

Penn State **Extension**

## Asian Tiger Mosquito

Area-wide  
Management Project

2011-2012  
York, Pennsylvania





# York Revolution vs. Sugarland Skeeters



# Have a State Citation or Proclamation Issued



Pa. agencies name June 21-27 Mosquito Control Awareness Week | Times News Online - Windows Internet Explorer provided by CAS IT

http://www.timesonline.com/2015/jun/20/pa-agencies-na... Pa. agencies name June 21-... X

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## Pa. agencies name June 21-27 Mosquito Control Awareness Week

Saturday, June 20, 2015

The Pennsylvania Vector Control Association, along with the American Mosquito Control Association, are observing the week of June 21-27, as "National Mosquito Control Awareness Week."

A variety of Pennsylvania state agencies are involved in protecting residents from mosquito transmitted diseases such as West Nile Virus, including the Department of Health, Department of Environmental Protection and Department of Agriculture.

The Department of Environmental Protection coordinates mosquito surveillance and control in all 67 Pennsylvania counties collaborating with 25 county based programs.

Mosquito research is performed by the Penn State University Entomology Department. Educational programs, training and materials are provided by Penn State Extension through Pesticide Education, Integrated Pest Management and Master Gardener programming.

In support of "National Mosquito Control Awareness Week," the Pennsylvania Vector Control Association recommends residents across Pennsylvania take action to help reduce mosquito concerns in their local communities. The best defense against West Nile is to prevent mosquitoes from breeding. Mosquitoes lay their eggs in stagnant water around homes, weeds, tall grass, shrubbery, and discarded tires.

Homeowners can buy mosquito control substances, such as Bti products, at lawn and garden, outdoor supply, and other stores. Bti is a naturally occurring soil bacterium that kills mosquito larva but is safe for people, pets, aquatic life and plants.



10:29 pm  
OCT. 24, 2016  
Full Staff  
**HALF STAFF ALERT WIDGET**  
GET WIDGET NOW

American Flags



**Dn'Abikes**  
570-668-5140

10:29 PM 10/24/2016





# County Nature Center

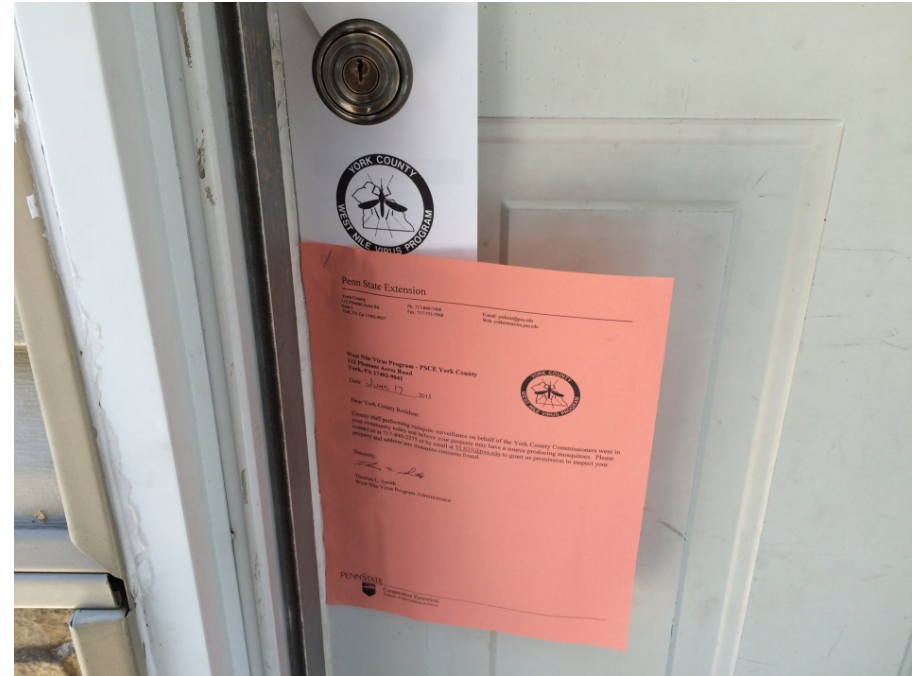




# Billboards



# Door Hang Tags for Problem Areas





# Sometimes Volunteers are Needed







# Litter Index



**KEEP  
YORK  
BEAUTIFUL**  
KEEP AMERICA BEAUTIFUL AFFILIATE

# Remember That Every Opportunity is an Educational Opportunity!

## THE END THANK YOU!

Contact: Tom Smith

Penn State Extension-York County West Nile Virus Program

Keep York Beautiful

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York, PA 17402

717-840-2375

[TLS35@psu.edu](mailto:TLS35@psu.edu)

