



AMCA's 20th Legislative and Regulatory Conference Goals, Objectives, Tools

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AMCA Legislative and Regulatory Committee Chairwoman

Timely event

- ▶ AMCA has been paving the way for your visit.
- ▶ Zika gave us visibility and supplemental funding.
- ▶ CDC put out the document Vital Signs
- ▶ Farm bill may be going to House floor
- ▶ Other groups with similar goals have been meeting with Congress.
 - ▶ But so have anti-pesticide groups

What are we here to do?

- ▶ Tell your story
- ▶ Support local efforts
- ▶ Educate lawmakers about mosquito and vector control
- ▶ Make sure we have the tools needed in the future



Zika got their attention, but...

When we collectively focus our attention on one disease at a time, we are ignoring at our peril the real drivers of these public health crises – the spread of mosquito vectors of these diseases.

What's Next?

- Rift Valley Fever
- Usutu
- Mayaro
- O'nyong-nyong
- Venezuelan Equine Encephalitis
- Bwamba
- Sindbis
- Barmah Forest
- Semliki Forest
- Ross River
- Rocio
- Spondweni
- Ilheus

Our Objectives


- ▶ Federal financial support for mosquito control
- ▶ Regulatory Reform – National Pollutant Discharge Elimination System (NPDES) permits for mosquito control.
- ▶ Endangered Species Act Reform





Federal
Funding

- 
- **BUILD
COMPREHENSIVE
VECTOR CONTROL**



Amounts not as important
as how funds will be utilized

This is where you are the key....

Describe the need – control programs

- ▶ Personnel
- ▶ Nation-wide electronic surveillance system
- ▶ Help states develop and carry out mosquito prevention and control programs
- ▶ Prepare prevention and surveillance information for the media, the public, and health professionals
- ▶ Development of online training modules
- ▶ Webinar development and promulgation
- ▶ Hands on workshops

Describe the need - Research

- ▶ Resistance testing
- ▶ Control products
- ▶ Developing better, faster tests to detect and diagnose vector-borne disease
- ▶ Equipment
- ▶ Traps
- ▶ Testing materials
- ▶ Research on mosquito species
- ▶ Genetically modified mosquitoes

Public Health Tools - Registrations

- ▶ Development and registration of **new vector control tools**
 - ▶ Lethal ovitraps/Auto Dissemination Stations (ADS)
 - ▶ Attractive Toxic Sugar Baits
 - ▶ Attractants/Pheromones “Spatial Repellents”/Vapor phase bite protection
 - ▶ Genetic manipulation of mosquitoes (SIT, RIDL, or *Wolbachia* infected males)
- ▶ Help retain registrations of **existing public health pesticides** facing increasingly stringent data collection requirements to prove safety to humans and the environment.

Public Health Emergency Preparedness fund

- ▶ Needs to be adequately funded so we are not asking for supplemental funding every time there is a new threat.

Amounts and mechanisms not as important as how the money would be utilized.

Clean Water Act Permits

**NPDES PERMITS ARE
REQUIRED FOR POINT
SOURCE DISCHARGES
OF POLLUTANTS INTO
WATERS OF THE US.**

Goal – Eliminate Duplicative Regulations

Pesticides are regulated under FIFRA and also unnecessarily regulated under the CWA

*FIFRA = Federal Insecticide, Fungicide, Rodenticide Act

*CWA= Clean Water Act

Most important points

- ▶ Our pesticides are labeled for use in water.
 - ▶ They've gone through extensive review of impacts to the environment
- ▶ Without permits, applicators will still implement Integrated Pest Management, keep records, and be accountable.
- ▶ Dollars spent regulating permits could be spent on regulations and practices that actually improve the environment.
- ▶ Dollars spent on permit compliance and lawsuits could be spent killing mosquitoes.
- ▶ If changes are needed, change FIFRA.

ESA

**SUPPORT COMPREHENSIVE
REFORM**

Need reform

Should use the best available science.

We need all our tools – and more.

Open and transparent

PROBLEM AFTER PROBLEM

AGENCIES DISAGREE.

The EPA and the Services have different approaches to risk assessment, which makes for ongoing disagreements.



COSTS AND DELAYS ARE HUGE.

The discovery, development and registration of a new pesticide takes more than \$286 million dollars, 11 years and hundreds of tests before it can go to market.

THE FUTURE IS UNCERTAIN.

As of 2013, the FWS and NMFS Services were projected to go over budget on their review requirements due in 2023 by a factor of 17 and 71 respectively. New developments from the last five years will complicate this even further, making the future registration process uncertain.



GROWERS LOSE ACCESS TO VALUABLE TOOLS.

Only 1 in approximately 160,000 pesticides become registered for sale. Regulatory duplication keeps innovation off the market.

THERE'S NO ADDED PROTECTION

The current process provides no additional protection for endangered species.



NEVER ANY SOLUTIONS



How do we
accomplish this?

HONE YOUR MESSAGE

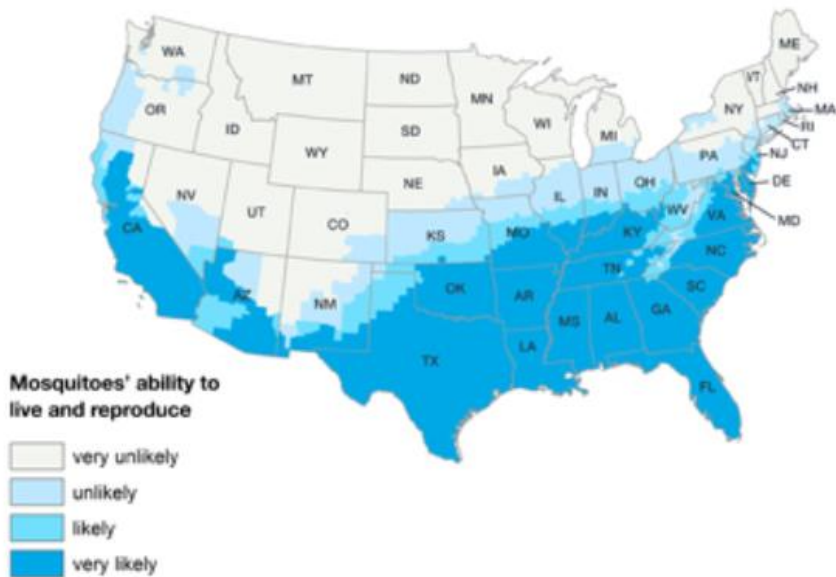


Congress wants to protect their families and constituents

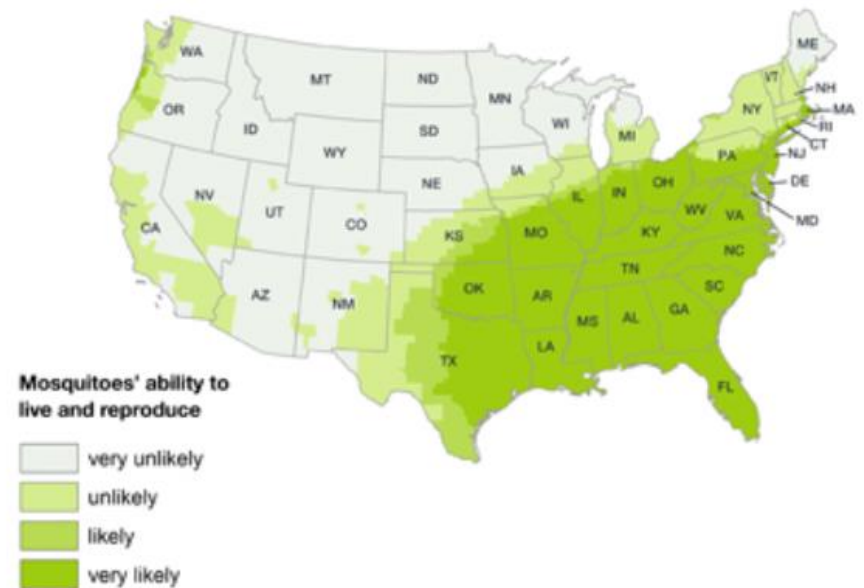
The range of the *Aedes aegypti*, the vector for viruses that cause Zika, Chikungunya, 100 million cases of Dengue and as many as 60,000 deaths from Yellow Fever world-wide annually, is expanding.

New potential ranges

Estimated Range of *Aedes aegypti* in the United States, 2017



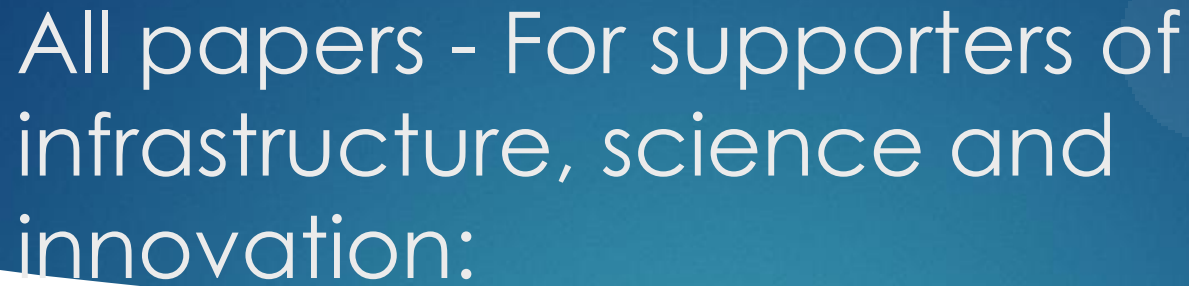
Estimated Range of *Aedes albopictus* in the United States, 2017



For the climate change
campaigners:



As climate change pushes expansion of mosquitoes to higher elevations, the public health threat of mosquito-borne viruses will increase even further.



All papers - For supporters of
infrastructure, science and
innovation:

...Global commerce and travel, the impact of man-made changes to the environment, and insecticide resistance all contribute to an increased global burden of mosquito-borne disease.

Laura D. Kramer ProMED-mail Viral Diseases Moderator

Professor of Biomedical Sciences, School of Public Health, State University of New York at Albany

NPDES - Who doesn't love American farmers?

The reforms included in the 2018 Farm Bill would increase the global competitiveness of American agriculture, encourage much needed innovation, and reduce costs to American farmers and ranchers and other users of pesticides at a time when they can least afford it.

ESA Reform - Environmentalists



- ▶ Mosquito control helps protect animals from mosquito transmitted diseases.
- ▶ Benefits tourism, camping, hiking
- ▶ Livestock pest issues



Why are you here?

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509-572-7864

Thank you

- ▶ Truc
- ▶ Jared
- ▶ Gary
- ▶ Joe
- ▶ Ed
- ▶ Karl
- ▶ Karen W.
- ▶ Herff
- ▶ Flo

- ▶ Jason
- ▶ Dan
- ▶ Bill M.
- ▶ Michael H.
- ▶ Greg
- ▶ Jimmy
- ▶ Michael R.
- ▶ Doug
- ▶ Zane

- ▶ Peter
- ▶ Ary
- ▶ Brittany
- ▶ Mark
- ▶ Larry
- ▶ Heidi
- ▶ Heather
- ▶ Stan
- ▶ Paul