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APHIS in Action

Last Modified:

Every day, APHIS works to protect the health and value of America's agricultural and natural resources. These articles and maps tell a story about how we are tackling some of the biggest issues facing U.S. agriculture and natural resources today.

[Featured Story: Safeguarding American Agriculture and Ecosystems Against Biological Threats](#)

Together with our partners, we carry out the strongest avian influenza surveillance program in the world.

[Learn More](#)



Interactive Maps and Stories

As an animal and plant health agency, geographic information systems (GIS) are critical to our work. We survey for pests and diseases, set quarantine boundaries, and track wildlife hazards, among other tasks that require spatial awareness. We use GIS to visualize, analyze, and interpret data, formulate policy, and make operational decisions. GIS technology ensures we are more efficient in our work, which leads to cost savings, better record keeping, and improved communication internally and externally. The interactive maps in this gallery represent APHIS' many programs.

[African Swine Fever](#)



[Asian Longhorned Beetle](#)



[Asian Longhorned Tick](#)



[Citrus Canker in Texas](#)



[Citrus Disease—You Can Help Stop the Spread!](#)



[Citrus Federal Quarantines](#)



[Commodity-Based Resource and Assistance](#)



[Emerald Ash Borer \(EAB\)](#)



[Emerald Ash Borer \(EAB\) Known Infested Counties](#)



[Spongy Moth Federal Quarantine](#)



[APHIS and AMS Geospatial Hub](#)



[Highlights of Veterinary Services' Cattle Fever Tick Program](#)



[History of Wildlife Services](#)



[History of the National Wildlife Research Center](#)



[Imported Fire Ants Quarantine Areas](#)



[Maryland Detector Dogs](#)



[National Agricultural Statistics Service \(NASS\) Map Application - 2017](#)



[New World Screwworm](#)



[One Health—White Tailed Deer](#)



[Protecting Cereal Grains From Stem Rust](#)



[Rabbit Hemorrhagic Disease](#)



[State Regulations for the Domestic Movement of Live Aquatic Animals](#)



[WS Nonlethal Initiative](#)



[Wild Bird Avian Influenza Surveillance](#)



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Plant Protection Today

APHIS Plant Protection and Quarantine (PPQ) employees collaborate with many partners, cooperators, and stakeholders to protect plant health. To keep us on the leading edge, PPQ explores scientific frontiers, develops new plant protection methods, and makes critical advancements that safeguard our nation's agricultural and natural resources while facilitating the safe global trade of agricultural products.

These stories highlight some of our most successful and impactful programs and activities.

[USDA Safeguards Future Cherry Blossoms on the Capital's Tidal Basin](#)

Lessons Learned Forge a New Way Forward

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[A Florida Couple Is Successfully Prosecuted for Lacey Act Violations](#)

PPQ's Lacey Act Declaration Data Helps Build the Case for Illegal Plywood

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[Visit our Plant Protection Today archives to read more stories!](#)

National Wildlife Research Center Spotlights

National Wildlife Research Center researchers are dedicated to finding biologically sound, practical, and effective solutions for resolving wildlife damage management issues. The following spotlights showcase our expertise and holistic approach to addressing today's wildlife-related challenges.

[Capturing Valuable Snake Data Using Cameras](#)

Recent work with wildlife cameras has led to a new method for estimating potential predation risks to native birds by brown treesnakes.

[Learn More](#)



[Plague in the United States](#)

Wildlife Services monitors plague activity in wildlife. Their research results support the use of predators, such as coyotes, as sentinel species to track plague occurrence



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