

Texas A&M AgriLife Extension Service Wildlife & Fisheries Sciences Unit

Responses to the Feral Hog Problem



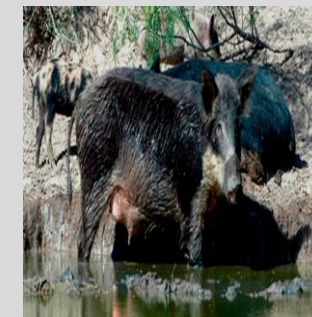
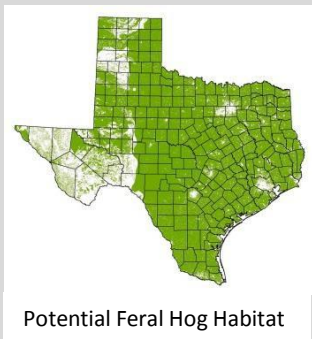
The Feral Hog Problem

Approximately 2.6 million feral hogs occupy 79% of Texas' landscape. Feral hogs are an invasive, exotic species that cause approximately \$52 million in damages to Texas agriculture producers annually. This estimate does not include damage to habitat used by native wildlife or suburban areas. Feral hog damage can be significantly reduced through effective education and outreach to private landowners. This document is a snapshot of the Wildlife & Fisheries Extension Unit's feral hog education and outreach efforts from 2009–present.



Wildlife and Fisheries Extension Response to the Feral Hog Problem

- [Feral Hog Community of Practice \(CoP\)](#)
 - The Feral Hog CoP will concentrate on the control, adaptive management, biology, economics, disease risks, and the human interface of feral hogs across the United States
 - 15 Leaders and 50 members representing 23 states, several state and federal agencies, numerous academic institutions and NGOs
 - 103 FAQs and 54 articles published
 - [Feral Hog CoP Facebook](#) (2,049 Likes)
 - [4 National Webinars](#)
 - [Ask an Expert](#)
 - Launched – May 2012
- [Plum Creek Watershed Feral Hog Project](#) (Travis, Hays & Caldwell counties)
 - 65 site visits
 - 30+ presentations in the tri-county area and 3,792 participants
 - 376 feral hogs reported removed via online reporting tool
 - Radio and newspaper interviews
- [Feral Hog Abatement Project \(2006-2012\)](#)
 - Mass Media Contacts: 172
 - Educational Programs: 138 for 19,924 clientele
 - Economic Value of Information Received by Program Participants: \$8,849,741
 - Benefit to Cost Ratio of Extension Outreach Efforts: 26.52 to 1.00 or \$26.52 return for each \$1.00 invested in outreach
- [Feral Hog Related Publications, Videos & Websites](#)
 - [26 publications in print with 7 translated into Spanish](#)
 - 2,838 online and 10,960 print copies shipped from [Texas AgriLife Extension Bookstore](#)
 - 18,866 online views from [Scribd](#)
 - 17 [YouTube](#) videos with 51,470+ views
 - Several webinars (Biology, Control, Diseases, Current Research) : [TWA Feral Hog CoP](#)
 - [Coping With Feral Hogs](#): 50,000+ unique visitors, 108,000+ pages accessed
 - [Wild Wonderings Blog](#): 284,000+ page views
 - Widespread social media presence
- [Feral Hog Take Study](#)
 - 700 landowners were surveyed statewide and asked to characterize their feral hog control efforts for 2010. There were 36,664 feral hogs removed from 1.8 million acres. Trapping was responsible for 57% of the hogs removed, shooting and hunting 35%.
 - Data from this study were used to calculate an annual hog harvest of 754,000 by all legal methods of removal.



Extension Demonstrations and Translational Research

- **Impact of Northern Bobwhite Quail Nest Success**
 - Dr. Rollins of Wildlife and Fisheries Extension conducted research in 1993 which determined feral hogs had an 11.4% negative impact on nest success.
 - Populations have increased significantly since that time, likely increasing the impact.
- **Techniques for Excluding Feral Hogs from Wildlife Feeding Stations**
 - Research conducted which determined ideal methods of fencing wildlife (i.e. deer) feeding stations to minimize feral hog utilization while allowing continual desirable wildlife use of some 300 million pounds of supplement fed annually.
- **Trap Designs for Increasing Catch Rates of Feral Hogs**
 - Research conducted produced six publications to provide the public with effective, proven methods of trapping and snaring feral hogs to maximize take. Additional research to maximize trapping efficiency is on-going.



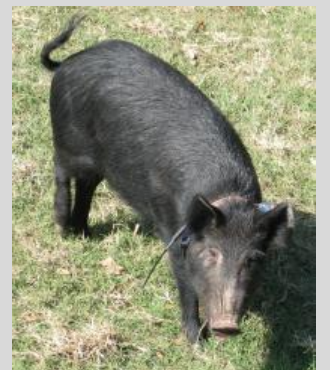
Feral Hog Consuming Rio Grande Wild Turkey Nest



Trapped feral hog



Feral hog wallow



Feral hog fitted with a tracking



Feral Hog Management App

Wildlife and Fisheries Extension Feral Hog Online Resources

- **Feral Hog Reporting**
 - [Feral Hog Reporting](#)
- **Feral Hog Publications**
 - Recognizing Feral Hog Sign: [English](#) [Spanish](#)
 - Placing And Baiting Feral Hog Traps: [English](#) [Spanish](#)
 - Corral Traps For Capturing Feral Hogs: [English](#) [Spanish](#)
 - Box Traps For Feral Hogs: [English](#) [Spanish](#)
 - Making A Feral Hog Snare: [English](#) [Spanish](#)
 - Snaring Feral Hogs: [English](#) [Spanish](#)
 - Door Modifications for Feral Hog Traps: [English](#) [Spanish](#)
 - [Using Fences To Exclude Feral Hogs From Wildlife Feeding Stations](#)
 - [Feral Hog Population Growth, Density And Harvest In Texas](#)
 - [Feral Hogs Negatively Affect Native Plant Communities](#)
 - [Feral Hog Approved Holding Facility Guidelines In Texas](#)
- **Feral Hog Fact Sheets**
 - [Feral Hogs Impact Ground Nesting Birds](#)
 - [Feral Hogs Laws and Regulations In Texas](#)
 - [Feral Hog Transportation Regulations](#)
 - [Feral Hogs And Disease Concerns](#)
 - [Feral Hogs And Water Quality in Plum Creek](#)
- **Feral Hog YouTube Videos**
 - [How to Build a Figure-C Feral Hog Trap](#)
 - [How to Build a Corral Trap for Feral Hogs](#)
 - [Trapping Feral Hogs: Corral Trap Designs](#)
 - [Exclusion Fencing for Feral Hogs at Wildlife Feeders](#)
 - [Improving Feral Hog Box Trapping Efforts](#)
 - [Strategic Shooting Of Feral Hogs For Population Control](#)
 - [Texas Invaders: Feral Hogs](#)
 - [Identification of Deer and Feral Hog Tracks](#)
 - [History, Biology, and Population Dynamics of Feral Hogs](#)
 - [Feral Hog Impacts on Agriculture and Wildlife in Texas](#)
 - [Control Techniques and Regulations for Feral Hogs in Texas](#)
 - [Trapping Feral Hogs: Using Remote Cameras](#)
 - [Trapping Feral Hogs: Laws and Regulations](#)
 - [Trapping Feral Hogs: Non-Target Species and Trigger Type](#)
 - [Trapping Feral Hogs: Time of Year](#)
 - [Trapping Feral Hogs: Gates And Baits](#)

- **Feral Hog YouTube Videos- Wild Pig Minute Video Series**
 - [Episode 1- Wild Pig Trapping Tips: Rainfall and Wild Pigs](#)
 - [Episode 2- The Impacts of Temperature on Wild Pig Movements](#)
 - [Episode 3- Understanding Wild Pig Wallowing Behavior](#)
 - [Episode 4- Understanding Wild Pig Signs](#)
 - [Episode 5- Landowner Cooperatives for Wild Pig Management](#)
 - [Episode 6- Selecting a Wild Pig Trapping Site](#)
 - [Episode 7- Wild Pig and Riparian Habitats](#)
 - [Episode 8- Wild Pig Impacts to Reptiles and Amphibians](#)
- **Feral Hog YouTube Videos- Wild Pig Management Video Series**
 - [Episode 1- Series Trailer](#)
 - [Episode 2- How to Corral Trap Wild Pigs](#)
 - [Episode 3- Corral Trapping Wild Pigs: A Success Story](#)
 - [Episode 4- How to Snare Wild Pigs](#)
 - [Episode 5- How to Box Trap Wild Pigs](#)
 - [Episode 6- Shooting Techniques for Wild Pigs](#)
- **Mobile Applications (Apps)**
 - [Feral Hog Management](#)
- **Wild Wonderings Blog**
 - [Pre-baiting and Conditioning Feral Hogs for Trapping](#)
 - [Porcine Epidemic Diarrhea Virus \(PEDv\) and Feral Hogs](#)
 - [Potential for a Sodium Solution: Sodium Nitrite as a Toxicant for Feral Hogs](#)
 - [Thoughts on Gaining Land Access for Feral Hog Hunting in Texas](#)
 - [Using a Corral Trap to Capture Feral Hogs](#)
 - [New Feral Hog Reporting Tool for Texas](#)
 - [The Five Footed Feral Hog](#)
 - [The Best Choice for a Corral Trap Gate](#)
 - [Economics of Trapping Feral Hogs: Box Traps Vs. Corral Traps](#)
 - [My Trap isn't working!](#)
 - [High Tech Hog Trapping: Incorporating Technology into Feral Hog Trapping](#)
 - [Urban Feral Hogs: Concern, Challenges and Control](#)
 - [Urban Feral Hogs: Why did they damage my yard?](#)
 - [Feral Hog Hunting: The Good, the Bad and the Ugly Truth](#)
 - [Feral Hogs: Adaptable, Efficient and Effective](#)
 - [Feral Hog Trapping Tips: Hard Mast- The Storm before the Calm](#)
 - [Feral Hog Trapping Tips: What happens when it rains?](#)
 - [Feral Hogs: Do my population reduction efforts even make a difference?](#)
 - [The Porkchopper: Aerial Hunting of Feral Hogs](#)
 - [Feral Hog Trapping Troubles: Rooter Gates](#)
 - [Feral Hogs: Why do they Wallow?](#)
 - [Managing Feral Hogs on Your Property: Where do I start?](#)
 - [Landowner Cooperatives: Teaming Up on Feral Hogs](#)
 - [DIY Hog Traps](#)
 - [Feral Hogs: Take Your Little Piggies to Market](#)
 - [Feral Hogs: Coming to a Town Near You](#)
 - [Are Feral Hogs Contributing to Quail Decline?](#)
 - [Wildlife Management Property Tax Valuation: Feral Hog Trapping](#)
 - [How to select a feral hog trapping site](#)
 - [Advanced Feral Hog Trapping: Understanding behavioral drivers](#)
 - [Using Seasonal Resource Availability to Increase Feral Hog Trapping Success](#)
 - [Baiting Feral Hogs: Why Hog Sign is Important](#)



Feral hog sounder



Corral trap with feral hogs



Trail camera installation



Feral hog track



Hog hair on fence

- **Wild Wonderings Blog**
 - [Understanding the Differences Between Javelinas and Feral Hogs](#)
 - [Feral Hog Impacts on Reptiles and Amphibians](#)
 - [DIY Game Feeder Corral Trap for Wild Pigs](#)
 - [Wild Pig Trapping: Does Corral Trap Gate Size Matter?](#)

- **Wildlife and Fisheries Extension Social Media**
 - **Twitter**
 - [Feral Hogs Community of Practice](#)
 - **Facebook**
 - [Wildlife and Fisheries Extension](#)
 - [Feral Hogs Community of Practice](#)
 - **Scoop.it! Newsletter**
 - [Wild Pigs \(Feral Hogs\)](#)
 - **Pinterest**
 - [Feral Hogs Community of Practice](#)



Educational video series



Educational outreach



Feral hog snare



Pre-baiting feral hogs



Feral hog rooting damage

