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Swine Disease

Last Modified:



We prevent and control swine diseases to protect the health, quality, and marketability of U.S. pigs.

[African Swine Fever](#)

[African swine fever is a deadly disease of pigs that would devastate U.S. livestock producers, their communities, and the economy if it were found here.](#)

[Classical Swine Fever](#)

Classical swine fever is a highly contagious disease of pigs caused by a virus.

Influenza A Virus in Swine

Swine influenza is an upper respiratory disease of pigs caused by type A influenza viruses (IAV).

Pseudorabies

Pseudorabies is a contagious disease that causes abortion and stillbirths, respiratory problems, and occasionally death in pigs.

Swine Brucellosis

Swine brucellosis is an infectious disease that causes abortions, infertility, and low milk production in infected pigs.

Swine Identification

APHIS is offering no-cost radio frequency identification (RFID) eartags to eligible swine producers.



Swine Health Services and Activities

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Biosecurity

Biosecurity is a vital part of keeping your animals healthy. It reduces the chance of infectious disease entering or spreading on your farm.

There are actions you can take to protect pigs with outdoor access from diseases such as African swine fever:

- Keep pigs healthy: Make sure your pigs are properly fed, have access to fresh water and clean sleeping areas, and vaccinated.
- Buy or borrow from [disease-free herds](#).
- Keep pastures, housing, and your farm clean.
- Keep wildlife and insects under control.
- Don't carry disease home: Make sure visitors, pigs, and yourself are free of disease before entering your farm.
- Write a farm biosecurity plan: Use it, review it, and update it.

Learn More

- [Protect Our Pigs: Fight African Swine Fever \(campaign\)](#)
- [Fencing Out Feral Swine](#) (216.31 KB)
- Biosecurity for Pigs With Outdoor Access: [Factsheet](#) (63.58 KB) and [Checklist](#) (39.1 KB)
- [7 Ways To Protect Pigs From African Swine Fever](#) (225.17 KB)
- [On the Farm](#) (National Pork Board)

Swine Health Protection Act: Garbage Feeding Restrictions

Garbage feeding has caused swine disease outbreaks in many countries around the world, which negatively impacted swine health and were costly to control. Congress passed the Swine Health Protection Act in 1980 to better protect our country's swine herd.

APHIS works with States to enforce the [Swine Health Protection Act](#), which provides rules for feeding human food waste to pigs. This practice, known as "garbage feeding," can spread harmful diseases to swine, including foreign animal diseases such as [foot-and-mouth disease](#), [African swine fever](#), and [classical swine fever](#).

Requirements

Under the Swine Health Protection Act (SHPA), owners must be licensed in order to feed their pigs human food waste that contains or has had contact with meat, poultry, or fish. The requirement applies to all garbage collected from food production establishments like restaurants, school cafeterias, and food processing plants.

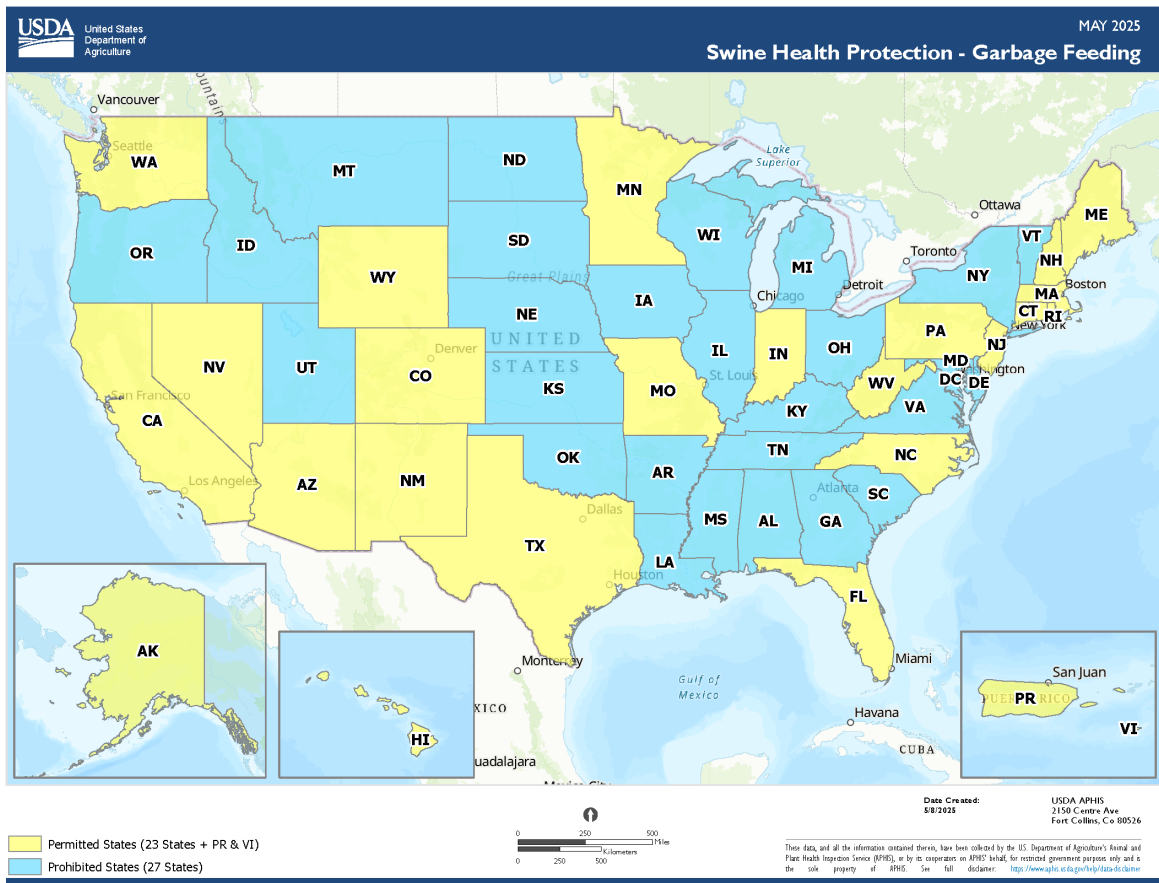
To kill any harmful viruses or bacteria, this food waste must be cooked to 212 degrees Fahrenheit for 30 minutes before feeding it to the pigs. Licensed producers receive routine inspections from APHIS or State employees to make sure garbage fed to swine undergoes proper cooking and handling to prevent possible disease transmission.

Getting a License

The Swine Health Protection Act allows each State to determine whether garbage feeding is allowed within their State. Many States do not allow garbage feeding.

If a State allows garbage feeding, each producer must obtain a license before feeding any human food waste to their pigs. The licensing process requires the pig producer to demonstrate appropriate cooking and handling of garbage used to feed swine. The State also develops the structure for enforcing the Swine Health Protection Act in their State. In some States, this is handled by State employees. In other States, APHIS and State employees work together to enforce the Swine Health Protection Act.

- [Human Food Waste and Swine: Protecting the Health of the U.S. Swine Industry](#) (348.42 KB)
 - En español—[Desperdicios de alimentos humanos para alimentar cerdos](#) (320.34 KB)
- [What Swine Growers Need to Know about Garbage Feeding](#) (2.56 MB)
 - En español—[Lo que los criadores de cerdos deben saber sobre la alimentación con basura](#) (2.57 MB)



SHPA by State

| State | Enforcement* |
|----------|--------------|
| Alabama | CO |
| Alaska | ST |
| Arizona | ST |
| Arkansas | CO |

| State | Enforcement* |
|----------------|---------------------|
| California | CO |
| Colorado | CO |
| Connecticut | CO |
| Delaware | CO |
| Florida | ST |
| Georgia | ST |
| Hawaii | ST |
| Idaho | CO |
| Illinois | ST |
| Indiana | ST |
| Iowa | CO |
| Kansas | CO |
| Kentucky | CO |
| Louisiana | CO |
| Maine | CO |
| Maryland | CO |
| Massachusetts | CO |
| Michigan | ST |
| Minnesota | ST |
| Mississippi | CO |
| Missouri | ST |
| Montana | ST |
| Nebraska | ST |
| Nevada | ST |
| New Hampshire | CO |
| New Jersey | ST |
| New Mexico | ST |
| New York | ST |
| North Carolina | CO |
| North Dakota | ST |

| State | Enforcement* |
|----------------|---------------------|
| Ohio | ST |
| Oklahoma | CO |
| Oregon | ST |
| Pennsylvania | CO |
| Puerto Rico | CO |
| Rhode Island | CO |
| South Carolina | ST |
| South Dakota | CO |
| Tennessee | CO |
| Texas | CO |
| Utah | ST |
| Vermont | ST |
| Virgin Islands | CO |
| Virginia | ST |
| Washington | ST |
| West Virginia | CO |
| Wisconsin | CO |
| Wyoming | CO |

* CO = cooperative enforcement
ST = State enforcement

Resources

[Swine Health Garbage Feeding Inspector Online Resource Kit](#)

Have questions or need assistance using this online resource kit? Email aphis.vs.training@usda.gov

Forms

- [VS-13-2: Swine Health Protection Program Inspection Summary](#) (217.45 KB)
- [VS-13-15: Application for Licensing of Garbage Treatment Facility](#) (145.09 KB)

- [VS-13-16: Garbage Treatment Facility Inspection](#) (167.88 KB)

Annual Reports

- [Swine Health Protection Act Annual Summary Report, FY 2023](#) (392 KB)

Other Swine Health Programs

- [National Animal Health Monitoring System Swine Studies](#)
- [Validated-Qualified Swine Herds](#)
- [U.S. Swine Health Improvement Plan](#)

Wildlife Disease Surveillance and Research

APHIS Wildlife Services conducts surveillance and research on dozens of wildlife diseases, including [diseases associated with feral swine](#). For more information, visit our [National Wildlife Disease Program](#) and [National Wildlife Research Center](#).

Our [National Feral Swine Damage Management Program](#) also offers related resources.

- [Factsheet: African Swine Fever or Swine Influenza? Do You Know the Difference?](#) (159.22 KB)

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