

SEPTEMBER 2024

Sublette County Ag. & Natural Resources Extension Newsletter

9660 US Highway 191
Pinedale, WY 82941
(307) 367-4380 dmontgo8@uwyo.edu

SUBLETTE COUNTY AG. AND NATURAL RESOURCES EXTENSION

UPCOMING EXTENSION EVENTS:

10/4-10/6-
MASTER GARDENER CONFERENCE, DOUGLAS

10/6-10/12-
4-H WEEK

11/19-
SOUTHEAST WYOMING BEEF CONFERENCE,
TORRINGTON



UNIVERSITY
OF WYOMING

Extension
Sublette County

Newsletter

Highlights and Upcoming Events

Anthrax update &
lookout with WYLB

SE WY Beef Symposium
& Trade Show

2024 WY Specialty Crop
Directory

Master Gardener Conf.

From the Cowboy State
Podcast on Spotify

[Click here to join](#)
[the Sublette ANR](#)
[Extension](#)
[Facebook Page!](#)

[Sublette County](#)
[Extension Webpage](#)

ANTHRAX



What is Anthrax?

Anthrax is a zoonotic disease caused by the spore-forming bacteria *Bacillus anthracis*. Many people associate the term “anthrax” with a bioterrorism agent. However, *anthrax is naturally present in soil across the United States and the world*. Ideal weather conditions and specific soil types create a favorable environment for the bacteria. *In these areas, anthrax outbreaks are not uncommon*.

What animals are susceptible to anthrax?

Livestock (cattle, sheep, goats, bison, horses) and wild herbivores (elk, pronghorn, deer, and occasionally moose) are the main animals affected by anthrax. They are exposed orally or through inhalation while grazing on pastures or landscapes where anthrax spores are present in the soil. Carnivores, including dogs and cats, are rarely infected with anthrax.

What are the signs of anthrax in animals?

The most common sign of anthrax in livestock and wildlife is sudden death. Prior to death, infected animals may have a fever, stagger, tremble, and have difficulty breathing. Animals often die within 24-72 hours. Blood may ooze from the nose, mouth, and rectum after death.

How is anthrax diagnosed?

A diagnosis is made by testing the blood of infected animals and identifying DNA of the anthrax bacteria in the blood (PCR assay). This sample should be collected by a veterinarian with appropriate personal protective equipment.

Can anthrax infected animals spread the disease to humans?

Yes. Handling sick or dead animals, or ingesting undercooked meat from an animal that has been infected with anthrax can spread the disease to humans. Spread of anthrax from person-to-person is unlikely.

What should be done with the carcasses of animals that die of anthrax?

If not managed properly, animals that die of anthrax contaminate the soil with anthrax spores. Infected carcasses should be burned completely and buried.

Is an anthrax vaccine available for livestock?

Yes. A vaccine for livestock is routinely used in areas where anthrax naturally occurs. It is only available through a veterinarian.

What steps can I take to I protect my animals and myself from anthrax?

- Avoid contact with dead animals. Call your veterinarian immediately if you have unexplained livestock deaths.
- Wear a mask, gloves, boots and coveralls when handling sick or dead animals.
- Vaccinate livestock as recommended in regions where anthrax naturally occurs.
- Dispose of livestock carcasses properly.

Who should I contact if I suspect anthrax?

Livestock:

Contact your veterinarian immediately.

Anthrax is a reportable disease.

Immediately report suspect or confirmed anthrax cases in livestock to the Wyoming Livestock Board
307.777.7515

Humans:

Contact your physician immediately and Wyoming Public Health
307.777.7656

Wildlife:

Contact Wyoming Game and Fish
307.777.4600

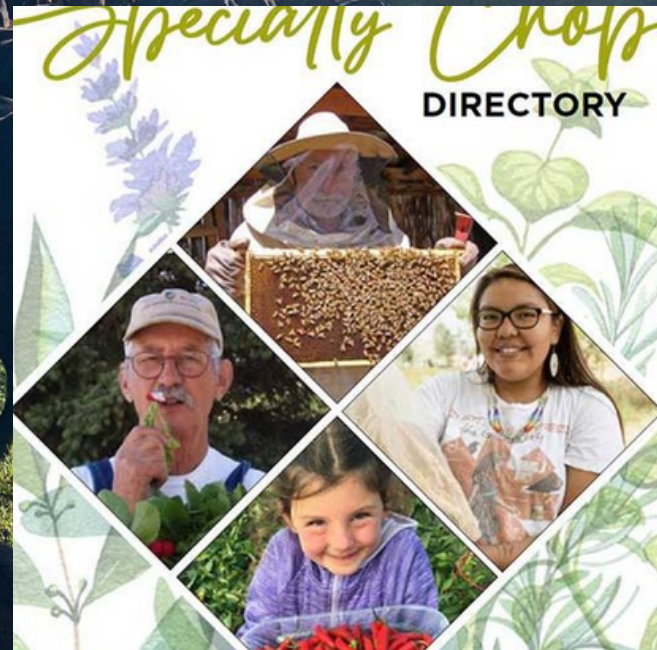


SOUTHEAST WY BEEF SYMPOSIUM

The South-East Wyoming Beef Symposium & Trade Show is an event dedicated to the cattle industry, bringing together ranchers, producers, and industry professionals from across the region. This biannual symposium offers a vital platform for knowledge exchange, professional development, and community building within the beef industry. This is open to anyone interested and will cover a widely applicable array of topics. View the website and registration by clicking the icon at left!

2024 WYOMING SPECIALTY CROP DIRECTORY

The 2024 Wyoming Specialty Crop Directory contains nearly 1,100 listings, including many for producers and the specialty crops and products they offer, e.g., fresh vegetables, fruits, homemade products, and more. Listings for farmers' markets; businesses that sell locally produced crops and products, resources for entrepreneurs and growers, and much more are also available. Click the icon at the right to access a free online PDF!





WY MASTER GARDENER CONFERENCE 2024

The Wyoming Master Gardener Conference will be October 4th, 5th and 6th in Douglas. This is a great chance to connect with other gardeners and expand your skills and gardening knowledge! Here from UWE specialists and horticulture experts and hear their advice for growing plants in Wyoming. Register and view more info on the program by clicking the icon to the left!

UWE FROM THE COWBOY STATE PODCAST

From the Cowboy State is a new UWE podcasts available on Spotify featuring episodes with a series of University of Wyoming Extension educators and specialists from across the state. Host Makayla Getz guides discussions on a variety of ag topics pertinent to producers in Wyoming. Episodes include hay sampling and analysis, marketing livestock, drought management and much more! Click the icon to the right to view currently available episodes and follow them on Facebook [here](#) to be kept up to date on new content!

