



① Secretary Rollins Suspends Live Animal Imports Through Ports of Entry Along Southern Border, Effective Immediately

On May 11, 2025, U.S. Secretary of Agriculture Brooke L. Rollins announced the <u>suspension of live cattle, horse, and bison</u> imports through U.S. ports of entry along the <u>southern border</u> ^{of} due to the continued and rapid northward spread of New World Screwworm (NWS) in Mexico, effective immediately.

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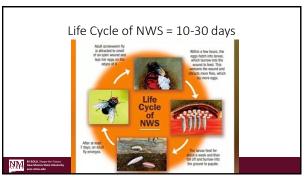


What is New World Screwworm(NWS)? • Fly whose larvae feed on live flesh. • Fly can lay up to 3000 eggs in a life cycle. • Eggs are implanted in open

wounds or orifices. • The larvae are what cause significant damage and create

health issues for the host animal.

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Where We Are Now • February 2023 – Panama reported an increase in case July 2023 - Panama. Costa Rica March 2024 – Nicaragua • September 2024 – Honduras October 2024 - Guatemala November 2024 – Mexico December 2024 - El Salvador and • July 2025 – Oaxaca/Veracruz • 350 miles from TX border

Status Update on Mexico

- First diagnosed case in Mexico on November 21, 2024
- As of mid-July, there were approx. 3000 cases (approx. 300-350 active cases/wk) in 7 states.
- Majority of cases are in cattle; smaller number of cases reported in horses, pigs, dogs, sheep/goats.
- Most infestations are found in the navel or secondary to trauma, dehorning, or tagging

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NWS Infestation See something – Say something

Detection of NWS

- Smell of decaying flesh
- Wounds that enlarge and won't heal

What to do if you suspect NWS

• Take photo's of affected wound (with larvae present)

• Contact the New Mexico Department of Agriculture Veterinary Health

- Infestation is painful
- Secondary infection



· Isolate affected animal.

• Contact your veterinarian.

Services (505-383-9299)

• Contact your local extension agent • Send samples to NMDA for analysis.

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Surveillance is Key

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- Open wounds that show no signs of healing.
- · Wounds are infested with maggots
- · Animal becomes listless and





reluctant to move, eat, or drink.

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Sample Collection

- Ocllect various sizes of larvae from different parts of wound
- Make sure to collect from deepest parts of wound
- Place larvae into 70% alcohol in a liquid-proof container.



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Prevention of NWS

- Establish a good deworming program.
 - Injectable most effective.
 - Read labels for dosage and withdrawal.
- · Surveillance is key
 - Watch for animals with open wounds that do not seem to be healing.
 - Animals act lethargic and appear to not be eating well.

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Prevention of NWS

- "Feed Through" deworming products
 - In development
 - · Not recommended as consumption/dose cannot be controlled.



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Prevention of NWS – Animals in confinement

- √Implement a consistent fly control program.
 - ✓ Permethrin products are effective
- √ Keep pens clean of manure.
- √ Keep weeds clear from the pens



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Plan of Action

- USDA disease monitoring in Mexico
- 2. Distribution of sterile male NWS flies in affected regions
- Keep live animal imports from Mexico ceased until further notice
- 4. Producer education



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NWS - Sterile Insect Technique

- Female NWS flies only mate once in their lifetime
- NWS pupae can be irradiated to make them sterile
- Sterile males mate with wild females and cause her to lay infertile eggs
- Over time, this results in decreased population and helps with eradication



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Unfortunately.. Its not a matter of if

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Wildlife pose the biggest threat

What happens if NWS or any other regulated disease is found in your animals?

- Veterinarians are bound by law to report confirmed reportable disease to the state's department of health / livestock board.
- Depending on the disease, the state veterinarian has the authority to stopping movement of animals from the affected premise until further patien.
 - A quarantine may be implemented; with length dependent on disease.
 - Example: Trich + herd, cows pregnant less than 120 days or open cows must remain on the premise for 120 days.
 - Example: NWS quarantine will be dependent on monitoring and length determined by state and federal officials.
- Failing to report suspected FAD could lead to legal persecution.

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What happens if NWS or any other regulated disease is found in your animals?

Be prepared:

- ✓ Do you have enough space to keep animals for extended periods of
- ✓ If a pasture has been established as a "hot zone" is there enough forage and water to sustain the animals for extended periods of time?
- √What feed resources do you have access to?
- ✓ Do you have a list of resources (tribal agencies, extension, etc) that can help provide assistance in case of an emergency.

✓ Would be similar to wildfire response.

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Economic impact of NWS

• The screwworm outbreak in the US in the 50's and 60's cost the animal ag industry an estimated



60-120 million annually. • In 2024 alone, it is estimated that Mexico has lost over \$1.2 billion in cattle revenue. • That is expected to almost double due to the loss of the export business to the US.

In Summary

- Surveillance is key.
- Recording dates symptoms start is critical.
- Develop a good relationship with a veterinarian.
- · Maintain good nutrition and health management practices to minimize sickness.
- · Protect yourself and your animals with a good biosecurity plan.
 - Keep new animals away from core herd for at least 2 weeks.
 - Keep feed, supplies, equipment clean of contaminants.
 - · Establish a good fly and parasite control program.
 - Be familiar with visitors and mindful of public access points.

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- ✓ Aware
- ✓ Prepare
- ✓ Prevent

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