State of New Jersey

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To: Veterinarians
From: Amar Patil, DVM, MVSc, PhD, Dipl. ACVM, Director, Division of Animal Health/State Veterinarian
Date: March 23, 2026

RE: New World Screwworm Treatment and Prevention Options in Animals

In order to address the threat of New World screwworm (NWS), *Cochliomyia hominivorax*, on America's warm-blooded animals, the Food and Drug Administration's Center for Veterinary Medicine (FDA CVM) is working with animal drug sponsors to identify potential products for authorized use in the prevention or treatment of NWS myiasis. NWS is not currently in the United States. This memo serves as a summary of the current drugs available, their approval status, and relevant information. In the event of a NWS detection in a domestic animal in New Jersey, accredited veterinarians will work with the State and Federal Animal Health officials to devise a treatment plan. **For the most up to date animal drug information, visit www.fda.gov/animal-veterinary/safety-health/new-world-screwworm-information-veterinarians.**

Conditionally Approved Animal Drugs As of this Memo:

Conditionally Approved drugs are shown to have a reasonable expectation of effectiveness and are safe when used according to the label. Conditionally Approved drugs are in the process of obtaining data to prove efficacy to reach full approval by the FDA.

Product	Product Type	Indication(s)	Species	Additional Information
Dectomax-CA1 (doramectin injection)	Injectable solution	Prevention and treatment of NWS larvae infestations, and prevention of reinfestation for 21 days in cattle.	Cattle	FOI Summary
Exzolt Cattle -CA1 (fluralaner)	Topical solution	Prevention and treatment of NWS larvae infestations and treatment and control of cattle fever tick (*R. microplus*) in beef cattle 2 months of age and older and replacement dairy heifers less than 20 months of age.	Cattle	FOI Summary
Credelio Quattro-CA1 (lotilaner, moxidectin, praziquantel, pyrantel)	Chewable tablet	Treatment of NWS larvae infestations in dogs and puppies.	Dogs	FOI Summary

Emergency Use Authorization of Animal Drugs:

On August 18th, 2025, Emergency Use Authorizations (EUAs) were issued for the below drugs. EUAs were issued due to significant potential for a public health emergency or national security risk involving NWS.

Product	Product Type	Indication(s)	Species	Additional Information
Credelio (lotilaner)	Chewable tablets	Treatment of NWS larvae infestations in dogs and puppies.	Dogs	FOI Summary Letter of Authorization Fact Sheet for Veterinarians
Credelio CAT (lotilaner)	Chewable tablets	Treatment of NWS larvae infestations in cats and kittens.	Cats	FOI Summary Letter of Authorization Fact Sheet for Veterinarians
Ivomec (ivermectin)	Injectable solution	Prevention of NWS larvae infestations when administered within 24 hours of birth, at the time of castration, or at the appearance of a wound in cattle, except for female dairy cattle producing milk for human consumption and calves that will be processed for veal.	Cattle	FOI Summary Letter of Authorization Fact Sheet for Veterinarians
NexGard (afoxolaner)	Chewable tablets	Treatment of NWS larvae infestations in dogs and puppies.	Dogs	FOI Summary Letter of Authorization Fact Sheet for Veterinarians
NexGard COMBO (esafoxolaner, eprinomectin, and praziquantel)	Topical solution	Treatment of NWS larvae infestations in cats and kittens.	Cats	FOI Summary Letter of Authorization Fact Sheet for Veterinarians
F10 Antiseptic Wound Spray with Insecticide (benzalkonium chloride, polyhexanide and cypermethrin)	Topical solution	Prevention and treatment of NWS larvae infestations.	Cattle; Horses; Minor species of hoof stock; Raptors; Wild birds; Pet birds; Captive wild, exotic, and zoo mammals	FOI Summary Letter of Authorization Fact Sheet for Veterinarians

Extra-label Drug Use:
The law does not permit extra-label use of Conditionally Approved or Emergency-Use Authorized products (*listed in this memo*) for NWS myiasis. Drugs that are Conditionally Approved or Emergency Use Authorized must be used for the species and indications as written.

Animal drugs that have full FDA approval for non-NWS indications can be used in an extra-label manner with a valid veterinary/client/patient relationship. Some animal drugs have full FDA approval **and** are Conditionally Approved/Emergency Use Authorized for NWS myiasis. These animal drugs can be used in an extra-label manner since they have full FDA approval.

NJDA encourages veterinarians to review existing regulations about extra-label animal drug use. This is especially important for food animal veterinarians as there are additional requirements for extra-label use in food-producing animals. Below are some helpful resources for veterinarians:

- FDA: The Ins and Outs of Extra-Label Drug Use in Animals: A Resource for Veterinarians (www.fda.gov/animal-veterinary/resources-you/ins-and-outs-extra-label-drug-use-animals-resource-veterinarians)
- Code of Federal Regulations (21 CFR Part 530) - Extralabel Drug Use in Animals (www.ecfr.gov/current/title-21/chapter-I/subchapter-E/part-530)
- FDA: Animal Medicinal Drug Use Clarification Act of 1994 (AMDUCA) (www.fda.gov/animal-veterinary/guidance-regulations/animal-medicinal-drug-use-clarification-act-1994-amduca)

Additional Animal Drug Information:
For each drug listed, additional resources are provided. These resources may be the following documents:

- **Fact sheet for veterinarians**: This contains essential information on the drug and product-specific guidance for veterinarians, such as dosage and administration instructions.
- **Letter of Authorization (LOA):** This document contains the legal conditions of authorization by the FDA. The scope of a drug's use and reporting and recordkeeping requirements are in this document. Veterinarians should review this document to ensure they are maintaining all legal requirements for the drug's use.
- **Freedom of Information (FOI) Summaries**: These summaries describe the safety and effectiveness information that supported the Conditionally Approval or Emergency Use Authorization of each drug.

Additional Resources:

- FDA: NWS - Frequently Asked Questions on Animal Drugs for Veterinarians (www.fda.gov/media/191189/download?attachment)
- FDA: New World Screwworm: Information for Veterinarians (www.fda.gov/animal-veterinary/safety-health/new-world-screwworm-information-veterinarians)
- Screwworm.gov | Unified Government Response To Protect the United States

The New Jersey Department of Agriculture values your professional dedication to safeguarding animal health. With your continued support, we stand ready to address any potential animal health threats, ensuring New Jersey's animal population remains protected.