

FDA-Authorized & Conditionally Approved Animal Drugs for New World Screwworm

New World screwworm (NWS) larvae, or maggots, are typically found in pre-existing wounds or mucous membranes and cause NWS myiasis. This guide provides an overview of FDA authorized animal drug tools for treating and preventing New World screwworm (NWS) and highlights key treatment and prevention information for livestock producers, veterinarians, and owners of companion animals.

See FDA’s webpage for more information on the regulation of animal drugs:
<https://www.fda.gov/animal-veterinary/resources-you/fda-regulation-animal-drugs>

Responsible Use

- Overuse or misuse of antiparasitic drugs can contribute to reduced effectiveness and development of parasite resistance.
- These products should be used cautiously and only as part of a broader parasite control strategy.
- Vigilance in wound care, frequent surveillance, rapid reporting, and enhanced management practices are critical compliments to using treatments.

Guidance for Producers, Pet Owners, and Landowners

- Inspect animals frequently and provide prompt wound care.
- Report suspected NWS cases immediately.
- Work with your veterinarian to determine when and how drug tools may be appropriate.
- **Remember: Drugs support response efforts but do not replace prevention or reporting.**

Reporting

The Texas Animal Health Commission (TAHC) must be notified within 24 hours of all suspected and confirmed cases of NWS. Cases can be reported to any region office or the veterinarian on-call at (800) 550-8242. Contact Texas Parks and Wildlife for suspicious cases in wildlife. If you suspect a case in a companion animal, contact your local veterinarian.

See FDA’s Emergency Use Authorization (EUA) webpage for information on the EUA process. For NWS-specific product information, see FDA’s NWS Information for Veterinarians page: <https://bit.ly/NWSVeterinarianInfo>. Always follow label directions and veterinary guidance. Veterinarians: Please see FDA’s Conditional Approval Explained: <https://bit.ly/ConditionalApprovalFDA>.



Livestock

*Emergency Use Authorizations (EUAs)

^FDA Conditional Approvals

*Ivomec (ivermectin) injectable solution

Indication: Prevents infestations caused by NWS 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.

*Ivermectin Liquid for Horses (ivermectin oral solution)

Indication: Short-term prevention of infestations caused by NWS when administered within 24 hours of birth or at the time of initial wound care in horses.

*F10® Antiseptic Wound Spray with Insecticide (benzalkonium chloride, polyhexanide and cypermethrin topical solution)

Indication: Prevents and treats NWS infestations in cattle, horses, minor species of hoof stock, raptors and other wild birds, pet birds, and captive wild, exotic, and zoo mammals.

*F10® Antiseptic Barrier Ointment with Insecticide (benzalkonium chloride, polyhexanide and cypermethrin topical ointment)

Indication: Prevents and treats NWS infestations in cattle, horses, minor species of hoof stock, raptors and other wild birds, pet birds, and captive wild, exotic, and zoo mammals.

*Negasunt™ Powder (coumaphos, propoxur, and sulfanilamide topical powder)

Indication: Prevents and treats NWS infestations in cattle, swine, goats, sheep, horses, donkeys, domestic hybrid equids, and captive wild, exotic, and zoo mammals.

*Dectomax®/Dectomax®-CA1 (doramectin injection)

Indication: Treats and prevents NWS in dairy cattle (lactating dairy cows, dry dairy cows, and replacement dairy heifers 20 months of age and older) except for calves that will be processed for veal, horses one year and older, swine, Sheep except for lactating sheep, and deer.

^Dectomax-CA1 (doramectin injection)

Indication: Treats NWS in cattle, including reinfestation for 21 days.

^Exzolt™ Cattle-CA1 (fluralaner topical solution)

Indication: Prevents and treats NWS infestations in beef cattle two months of age and older and replacement dairy heifers less than 20 months of age.

Companion Animals

*Credelio® (lotilaner chewable tablets)

Indication: Treats NWS in dogs and puppies.

*Credelio® CAT (lotilaner chewable tablets)

Indication: Treats NWS in cats and kittens.

*NexGard (afoxolaner chewable tablets)

Indication: Treats NWS infestations in dogs.

*NexGard COMBO (esafoxolaner, eprinomectin, and praziquantel topical solution)

Indication: Treats NWS myiasis in cats.

*Nitenpyram Tablets (nitenpyram)

Indication: Treats NWS myiasis in dogs, puppies, cats and kittens 2 pounds of body weight or greater and 4 weeks of age and older.

^Credelio® Quattro-CA1 (lotilaner, moxidectin, praziquantel, and pyrantel chewable tablets)

Indication: Treats infestations caused by NWS in dogs and puppies 8 weeks of age and older, and weighing 3.3 pounds or greater.

