

Dectomax[®]-CA1 Injectable Conditionally Approved for New World Screwworm

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DECTOMAX[®]
DECTOMAX-CA1

Dectomax[®]-CA1 (*doramectin injection*) Injectable has been granted conditional approval for prevention and treatment of New World screwworm myiasis in cattle.

Dectomax[®]-CA1 Injectable, in its 250 milliliter and 500 milliliter sizes, is now conditionally approved for prevention and treatment of infestation (myiasis) caused by the larvae of *Cochliomyia hominivorax* (New World screwworm), and prevention of reinfestation for 21 days. Dectomax-CA1 is conditionally approved for use in beef cattle, female dairy cattle less than 20 months of age, pregnant beef cows, newborn calves and bulls. Dectomax-CA1 is the same great doramectin formulation that producers have relied on for years.

Dectomax[®] Injectable:

- Controls more parasite species and larval stages than any other single-ingredient injectable parasite control product¹
 - Includes 34 stages of adult parasites, L4 larvae and inhibited larvae
 - Covers more parasite stages, including immatures, for longer periods of time than Cydectin[®] (*moxidectin*) or Ivomec[®] (*ivermectin*)¹
- Provides protection against *Ostertagia ostertagi*, *Cooperia oncophora* and *C. punctata* - the most prevalent internal parasites in cattle in the United States²
 - 50% longer protection than Cydectin on *O. ostertagi*¹
 - The persistence of Cydectin is unknown on *C. oncophora* and *C. punctata*¹
- Flexibility to be administered subcutaneously or intramuscularly



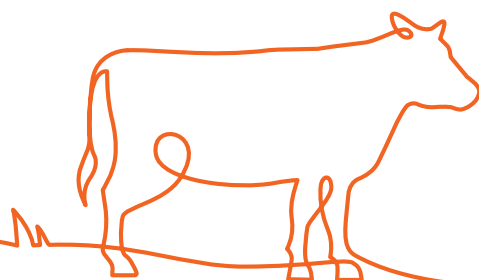
21

Days of
prevention



34

Stages of
adult parasites



Dectomax[®] Injectable Offers Proven Performance

Active ingredient doramectin outperformed ivermectin in multiple trials and studies³⁻⁵

Studies Show Benefit of Doramectin vs. Ivermectin

- In a study comparing the efficacy of active ingredients against New World screwworm infestations, doramectin (the active ingredient used in Dectomax[®]-CA1 Injectable), was 100% effective in preventing infestations, while ivermectin showed incomplete efficacy.³
- In a 140-day grazing study, cattle treated with Dectomax Injectable outgained cattle treated with Ivomec[®] Plus (*ivermectin/clorsulon*) by 33 pounds and nontreated cattle by 66 pounds due to better parasite control.⁴
- In stocker trials, Dectomax Injectable controlled parasites to outgain injectable ivermectin with clorsulon or ivermectin by up to 26 pounds.⁵

Livestock producers are encouraged to work closely with their herd veterinarian to develop a strategic parasite management plan for their operation.

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Dosage: 1 mL (10 mg doramectin) per 110 lb. of body weight

Administration route: subcutaneous or intramuscular injection

Dectomax-CA1 injectable and Dectomax Injectable will be available in 250 mL and 500 mL multidose vials.

Dectomax injectable will continue to be available in 100 mL multidose vials.



Visit zoetis.com/newworldscrewworm or talk with your local Zoetis representative to learn more and find additional resources.

Dectomax-CA1 is conditionally approved by the Food and Drug Administration pending a full demonstration of effectiveness under NADA 141-616.

SAFETY INFORMATION: Dectomax and Dectomax-CA1 Injectable for use in cattle have a 35-day pre-slaughter withdrawal period. Do not use in female dairy cattle 20 months of age or older. Do not use in calves to be processed for veal. Use of Dectomax or Dectomax-CA1 in dogs may result in fatalities. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism.

¹ Based on comparison of approved labels for Dectomax Injectable, Cydectin Injectable, LongRange and Ivomec Injectable.

² Stromberg BE, Gasbarre LC, Ballweber LR, et al. Prevalence of internal parasites in beef cows in the United States: Results of the National Animal Health Monitoring System's (NAHMS) beef study, 2007-2008. *Can J Vet Res.* 2015;79(4):290-295.

³ Moya-Borja GE, Muniz RA, Umehara O, Goncalves LC, Silva DS, McKenzie ME. Protective efficacy of doramectin and ivermectin against *Cochliomyia hominivorax*. *Vet Parasitol.* 1997;72(1):101-109.

⁴ Loyacano AF, Skogerboe TL, Williams JC, et al. Effects of parenteral administration of doramectin or a combination of ivermectin and clorsulon on control of gastrointestinal nematode and liver fluke infections and on growth performance in cattle. *J Am Vet Med Assoc.* 2001;218(9):1465-1468.

⁵ Data on file, Study Reports No. 2239A-60-00-029, 2239A-60-00-030, 2239A-60-00-033, 2239A-60-94-003, 239A-60-94-007, 2239A-60-94-067, 2239A-60-94-068, 2239A-60-94-070, 2239A-60-95-156 and 2839A-60-97-123, Zoetis Inc.

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