

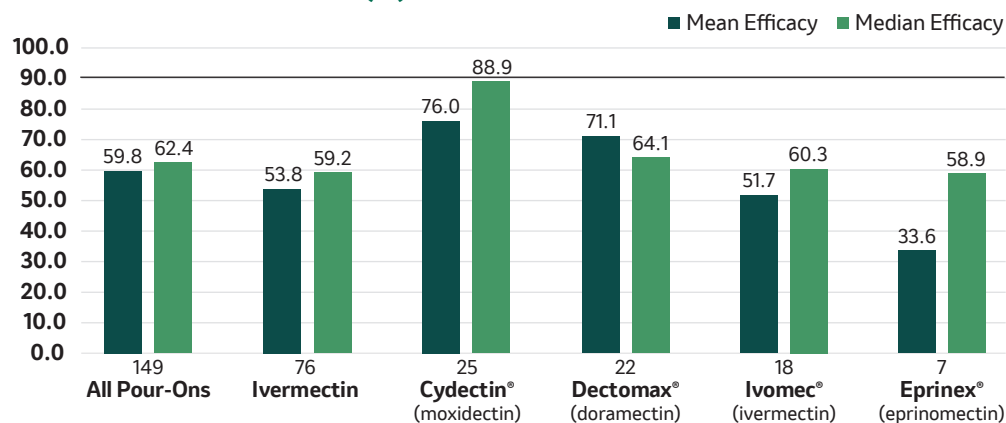
Fecal Egg Count Reduction Testing data show that **SAFE-GUARD®** is still the most effective dewormer on the market.

Recent FECRT (Fecal Egg Count Reduction Testing) database analysis shows **Safe-Guard** still stands well above any macrocyclic lactone for internal parasite efficacy *even after 40+ years*.



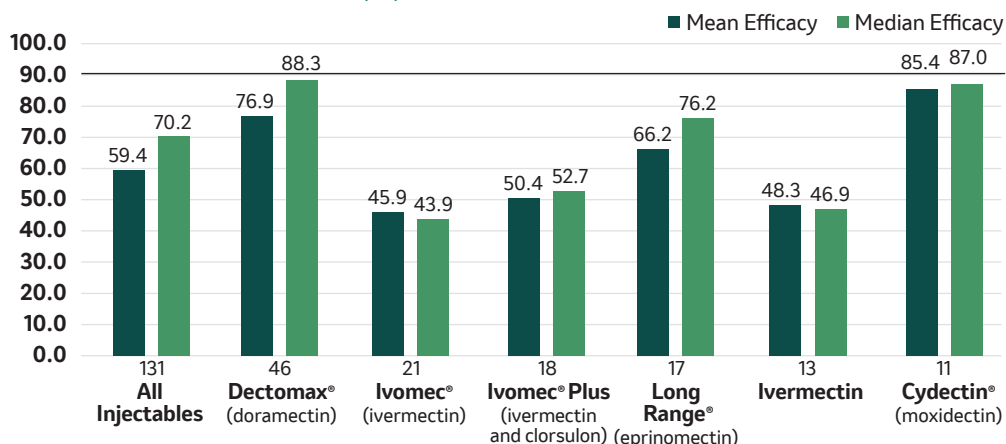
Pour-on and injectable parasiticide products have **fallen below the 90% threshold** for a successful deworming time and time again.

EGG COUNT REDUCTION (%) OF POUR-ON FORMULATIONS



Efficacy: 1-(Post-Trt EP3G/Pre-Trt EP3G). Expressed as %.
Numbers at base of bars indicate number of evaluations.

EGG COUNT REDUCTION (%) OF INJECTABLE FORMULATIONS



Efficacy: 1-(Post-Trt EP3G/Pre-Trt EP3G). Expressed as %.
Numbers at base of bars indicate number of evaluations.



14,506
samples taken from
over 600 farms



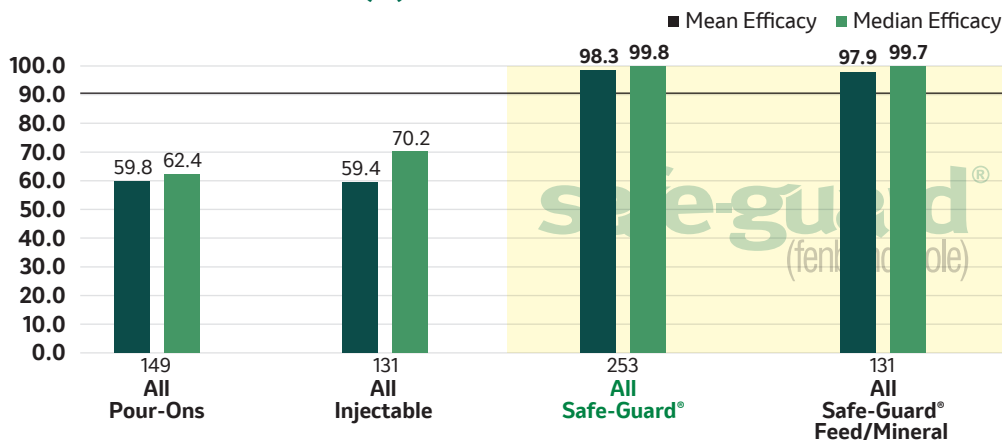
23
different products
evaluated



12
different **Safe-Guard**
formulations
evaluated

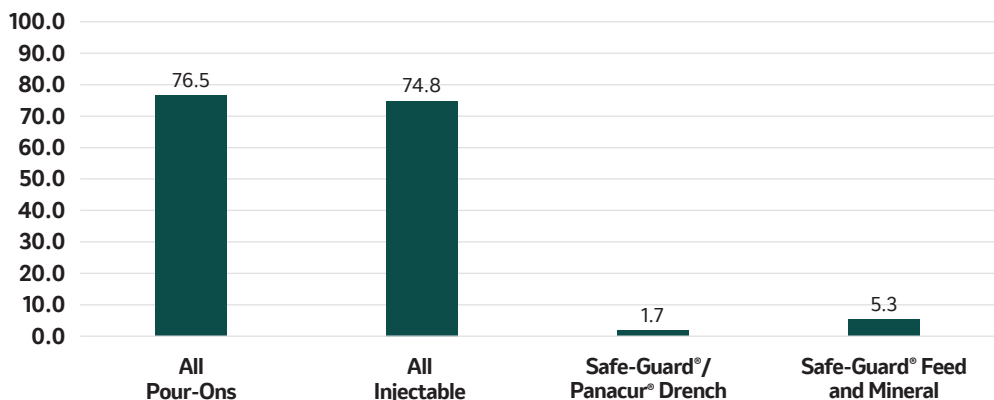
Safe-Guard has shown the **median efficacy** for internal parasites at or above **99.7%**.

EGG COUNT REDUCTION (%)



Efficacy: 1-(Post-Trt EP3G/Pre-Trt EP3G). Expressed as %. Numbers at base of bars indicate number of evaluations.

% ANTHELMINTIC FAILURES (LESS THAN 90% REDUCTION)



Number of evaluations: Pour-on = 149; Injectable = 131; Safe-Guard/Panacur Drench = 120; Safe-Guard Feed and Mineral = 131.

Products evaluated consisted of Eprinex® Pour-On, Cydectin® Injectable, Ivermectin® Injectable, Long Range® Injectable, Ivomec® Plus Injectable, Ivomec® Pour-On, Ivomec® Injectable, Dectomax® Pour-On, Cydectin® Pour-On, Dectomax® Injectable, Ivermectin® Pour-On, Safe-Guard®, and Panacur®.

Of the Safe-Guard® Panacur® products, 12 different formulations were evaluated which consisted of Safe-Guard® Blocks, Safe-Guard® Cubes, Safe-Guard® 1.96% Alfalfa Pellets, Safe-Guard® .5%, Safe-Guard® Liquid, Safe-Guard® 1.96% Soft Mini Pellets, Safe-Guard® 1.96% Flaked Meal, Safe-Guard® Mineral, Safe-Guard® Feed, Safe-Guard® Paste, Safe-Guard® Suspension, and Panacur® Suspension.

Reference: 2023 Merck Animal Health Database

IMPORTANT SAFETY INFORMATION: Do not use in beef calves less than 2 months old, dairy calves and veal calves. A withdrawal period has not been established for this product in pre-ruminating calves. Additionally, the following meat withdrawal and milk discard times apply: Safe-Guard Paste: Cattle must not be slaughtered for 8 days. For dairy cattle, the milk discard time is 96 hours. Safe-Guard Suspension: Cattle must not be slaughtered for 8 days. For dairy cattle, the milk discard time is 48 hours. Safe-Guard EnProAI Type C Medicated Block: Cattle must not be slaughtered for 11 days. For use in beef cattle only. Safe-Guard 20% Protein Type C Medicated Block: Cattle must not be slaughtered for 16 days. For use in beef cattle only. Safe-Guard Type A and other medicated feed products (pellets, cubes, free-choice mineral, or free-choice liquid): Cattle must not be slaughtered for 13 days. For dairy cattle, the milk discard time is 60 hours.

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KEY TAKEAWAYS

- Safe-Guard provides median efficacy above 99.7%.
- Based on 14,506 samples evaluated, **pour-on products failed to reach 90% reduction in fecal egg counts 76.5% of the time, injectable products failed 74.8% of the time.**
- Merck Animal Health can assist producers with **FECRT evaluations** to ensure their deworming program is achieving 90%+ efficacy.

GET A FREE FECRT KIT

Reach out to your Merck Animal Health representative or scan the QR code below to receive a **free fecal kit** to test how well your current deworming protocol is working.



ABOUT THE FECAL DATABASE

The Fecal database was created to collect Fecal egg count reduction test data to determine efficacy of dewormer products in the market over the past 16 years. The database includes only true certified FECRT's which will consist of 20 samples pre treatment and 20 samples 14 days post treatment from a single farm and utilizes the Modified Wisconsin sugar flotation test. The database was created in 2007 and includes samples that date back to April 2007.