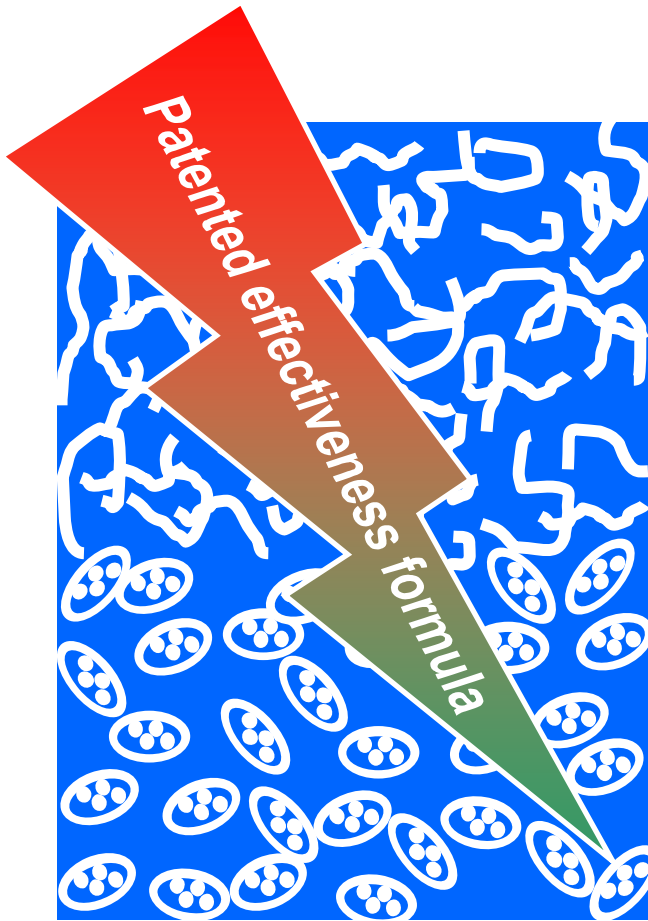


# NEOPREDISAN® 135-1

The reliable broad-spectrum disinfectant with patented effectiveness formula against excreted endoparasites: wormeggs, coccidia, cryptosporidia  
Also effective against bacteria, fungi, virus, spores of clostridia, tuberculosis and prion



## Effectiveness against: excreted endoparasites:

- against **wormeggs** (*ascaris suum*)\*<sup>A</sup> 2 % - 2 h
- against **wormeggs** (*heterakis*)\*<sup>B</sup> 2 % - 2 h
- against **coccidia** (*isospora suis*)\*<sup>C</sup> 2 % - 1 h
- against **coccidia** (*eimeria tenella*)\*<sup>D</sup> 3 % - 4 h
- against **cryptosporidia**\*<sup>E</sup> 3 % - 1 h
- against **clostridia**\*<sup>F</sup> 4 % - 1 h
- against **tuberculosis**\*<sup>A</sup> 4 % - 3 h resp. 6 % - 2 h
- against **bacteria and virus**\*<sup>A</sup> 2 % - 2 h
- against **bacteria, fungi and virus**\*<sup>G</sup> 4 % - ½ h
- against **Prion** (*strain 263K*)\*<sup>H</sup> 2 % - ½ h

\*<sup>B</sup> Test report of Institut für Parasitologie und Zoologie, Veterinärmedizinische Universität Wien, Prof. Dr. A. Joachim, 21.09.04. Result of the in vivo trial: 2 % / 2 h.

\*<sup>C</sup> Test report of Institut für Parasitologie, Tierärztliche Hochschule Hannover, Dr. A. Dausgchies, 03.06.99. Result of the in vitro trial: 2 % / 1 h, Effectiveness 96,96 Lysis.

\*<sup>D</sup> Test report of Institut für Parasitologie, Tierärztliche Hochschule Hannover, Dr. A. Dausgchies, 14.07.98. Result of the animal experiment: 3 % / 4 h, Effectiveness 98,92 %

\*<sup>E</sup> Test report of Institut für Parasitologie, Humboldt Universität zu Berlin, Prof. Dr. Dr. h.c. Th. Hiepe, Dr. D. Mielke, 02.11.98, Result of the in vitro trial: 3 % / 1 h, Effectiveness 94,9 % Lysis.

\*<sup>F</sup> Test report of Staatliches Veterinär- u. Lebensmitteluntersuchungsamt Potsdam, Dr. Köhler, 22.02.99. Result of the in vitro trial: On well-cleaned surfaces it can be expected that spores of *Cl.perfringens* are surely killed by a 4 % solution of NEOPREDISAN® 135-1 already after 1 hour of exposure time.

\*<sup>G</sup> Numéro d'autorisation: 2040282 AMM n° 2060035, Homologué par le Ministère de l'Agriculture et de la Pêche, Paris Cedex 15, France, 23.05.06. Bactericide, 0,75 % - 5 min. ; Fongicide 0,5 % - 15 min. ; Virucide 4 % - 30 min.

\*<sup>H</sup> Publikation INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY, July 2006, Vol. 27, no. 7, DVM C. Riemer, RESULTS [...] Incubation with NEOPREDISAN 135-1 at a concentration of 2 % led to a complete loss of proteinase K-resistant material. [...] When a final concentration of 2 % NEOPREDISAN 135-1 was used, none of the hamsters showed clinical signs of a scrapie infection.

\*<sup>A</sup> Approved by the DVG (German Veterinary Society) registered in the 12<sup>th</sup> DVG-list of disinfectants for animal husbandry, German Veterinary Journal October 2009. Effectiveness: Antiparasitic effect against wormeggs: 2% - 2h, coccidia: 4% - 2h, tuberculosis: 4 % - 3 h resp. 6 % - 2 h., bactericid prev. disinf.: 2 % - 2 h, virucid limited virucidal: 2 % - 2 h



Bears the quality seal of  
(DLG) Deutschen  
Landwirtschafts Gesellschaft



**MENNO CHEMIE-VERTRIEB GMBH**

Langer Kamp 104 • D-22850 Norderstedt • Postfach: 3310 • D-22826 Norderstedt • Germany  
Tel: 040-529 06 67-0 • Fax: 040-529 06 67 66 • E-mail: info@menno.de • Internet: www.menno.de

## The advantage of NEOPREDISAN® 135-1

Active ingredient: Preventol CMK (p-Chloro-m-cresol)

Biological degradation: is readily biodegradable 90% according OECD-Test guidelines 301C

Acute toxicology: LD<sub>50</sub> oral, rat: 2500 mg/kg

LD<sub>50</sub> dermal, rat: > 500 mg/kg, 7d exposure; at this dose, no symptoms

LD<sub>50</sub> inhalation, rat: > 0,7 mg/l, 4h exposure; at this dose, no symptoms

### Registration

Chlorocresol (p-Chloro-m-cresol) is listed in Annex V, REGULATION (EC) No 1223/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 30 November 2009 on cosmetic products with the maximum concentration in ready for use preparation of 0,2 % and the constraint „Not to be used in products applied on mucuous membranes.“

⇒ **Suitable in presence of animals – by proper use.**

### Why to disinfect against endoparasites

The intestines that are infected by endoparasites, such as stomach-worms, roundworms (*ascaris suum*, *heterakis*, etc.) and coccidia oocysts (*eimeria tenella*, *isospora suis*, *cryptosporidia*, etc.) could cause serious commercial damage as it will reduce animal growth. Infected animals finally could die.

Species that are infected will excrete endoparasites (e.g. worm eggs or coccidia oocysts) and healthy animals subsequently will become directly infected. The animals will benefit by medical treatment against roundworms or coccidia but it will kill the adult worms or inner forms only. That's not good enough. The excreted persistent particles of the endoparasites could remain for a long time on the floors of animal houses and will continue to infect healthy animals.

NEOPREDISAN® 135-1 is highly effective against excreted endoparasites and its persistent particles and will reduce the massive risk of invasion and reinfection in the whole animal house area.

Using NEOPREDISAN® 135-1 increases the medical effect against roundworms or coccidia oocysts.

To combine medical treatment and disinfection afterwards with NEOPREDISAN® 135-1 will prevent animals to become reinfected.

— Status of invasion with endoparasites

..... Excreted persistent endoparasites on the surface

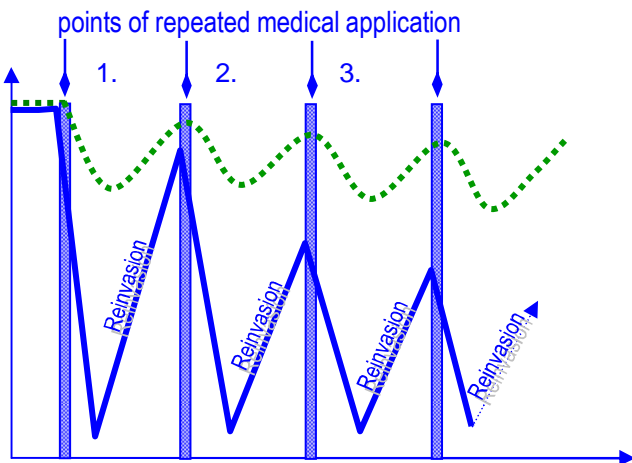


Fig. 1: invasion process in a pig stable **without disinfection**

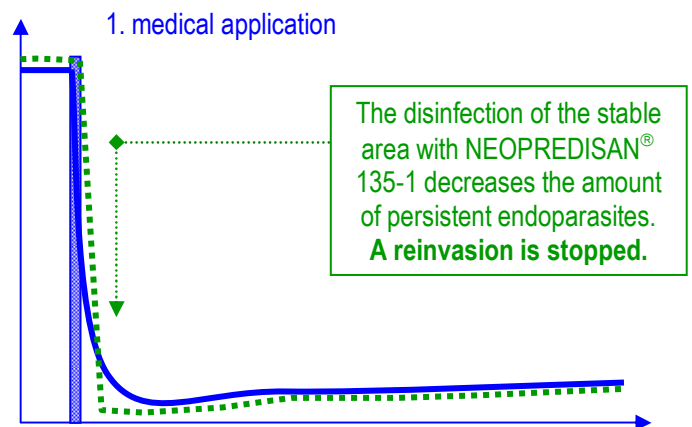


Fig. 2: invasion process in a pig stable **with disinfection**

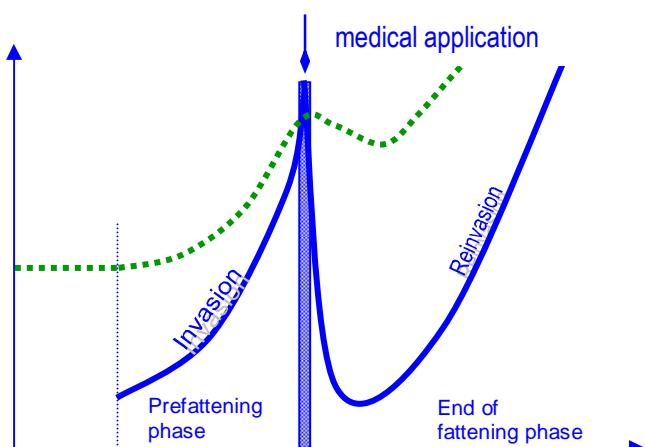


Fig. 3: invasion process in fattening units **without disinfection**

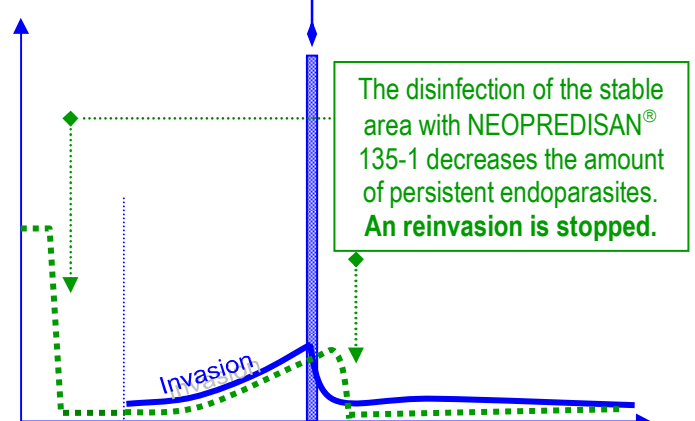


Fig. 4: invasion process in fattening units **with disinfection**

**Legal national registration requirements and legislation has to be considered before use.**

Consultation and sales: