

PRIVERMECTIN POUR-ON FOR CATTLE - ivermectin solution
FIRST PRIORITY INCORPORATED

PARASITICIDE

Consult your veterinarian for assistance in the diagnosis, treatment and control of parasitism.

INTRODUCTION

Privermectin® Pour-On for Cattle (ivermectin) delivers internal and external parasite control in one convenient low-volume application. Ivermectin is a potent anti-parasitic agent whose chemical structure is different from those of other antiparasitic agents.

MODE OF ACTION

Ivermectin is a member of the macrocyclic lactone class of endectocides which have a unique mode of action. Compounds of the class bind selectively and with high affinity to glutamatergated chloride ion channels which occur in invertebrate nerve and muscle cells. This leads to an increase in the permeability of the cell membrane to chloride ions with hyperpolarization of the nerve or muscle cell, resulting in paralysis and death of the parasite. Compounds of this class may also interact with other ligandgated chloride channels, such as those gated by the neurotransmitter gamma-aminobutyric acid (GABA).

The margin of safety for compounds of this class is attributable to the fact that mammals do not have glutamatergated chloride channels, the macrocyclic lactones have a low affinity for other mammalian ligand-gated chloride channels and they do not readily cross the blood-brain barrier.

INDICATIONS

Privermectin® Pour-On for Cattle (ivermectin) applied at the recommended dose level of 500 mcg/kg is indicated for the effective control of these parasites.

Gastrointestinal Roundworms

Ostertagia ostertagi (adults and L4)

(including inhibited stage)

Haemonchus placei (adults and L4)

Trichostrongylus axei (adults and L4)

T. colubriformis (adults and L4)

Cooperia oncophora (adults and L4)

Cooperia punctata (adults and L4)

Cooperia surnabada (adults and L4)

Strongyloides papillosus (adults)

Oesophagostomum radiatum (adults and L4)

Trichuris spp (adults)

Lungworms

Dictyocaulus viviparus (adults and L4)

Cattle Grubs (parasitic stages)

Hypoderma bovis

H. lineatum

Mites

Sarcoptes scabiei var. *Bovis*

Lice

Linognathus vituli

Haematopinus eurysternus

Damalinea bovis

Solenopotes capillatus

Horn Flies

Haematobia irritans

Persistent Activity

Privermectin® Pour-On for Cattle (ivermectin) has been proved to effectively control infections and to protect cattle from re-infection with: *Oesophagostomum radiatum* and *Dictyocaulus viviparus* for 28 days after treatment; *Cooperia punctata* and *Trichostrongylus axei* for 21 days after treatment; *Ostertagia ostertagi*, *Haemonchus placei*, *Cooperia oncophora* and *Cooperia surnabada* for 14 days after treatment; *Damalinea bovis* for 56 days after treatment.

Treatment for Cattle for Horn Flies

Privermectin® Pour-On for Cattle (ivermectin) controls horn flies (*Haematobia irritans*) for up to 28 days after dosing. For best results Privermectin® Pour-On for Cattle (ivermectin) should be part of a parasite control program for both internal and external parasites based on the epidemiology of these parasites. Consult your veterinarian or an entomologist for the most effective timing of applications.

DOSAGE

The dose rate is 1 mL for each 22 lb of body weight. The formulation should be applied along the topline in a narrow strip extending from the withers to the tailhead.

Administration

Measuring Cup (250 mL, and 1 L bottles).

The enclosed measuring cup is graduated in 5 mL increments. Each 5 mL will treat 110 lbs body weight. When body weight is between markings, use the next higher increment.

Applicator Gun*

(2.5 L, 5 L and 5 gallon bottles)

Because of the solvents used in Privermectin® Pour-On for Cattle (ivermectin), the applicator gun from Genesis Instruments (EZ Doser™ or Power Doser™) or equivalent is recommended. Other applicators may exhibit compatibility problems, resulting in locking, incorrect dosage or leakage.

EZ Doser™ Operation:

1. Set the recommended dosage by turning the dose adjuster.
2. To prime the system, squeeze the handles repeatedly. This draws the fluid out of the container and into the EZ Doser™ barrel.
3. To expel air out of the system, hold the EZ Doser™ in a vertical position and gently squeeze the handles until the air is purged.
4. EZ Doser™ is activated by squeezing the handles. The pre-set dose will be given each time. The EZ Doser™ will automatically refill after each use.

Power Doser™ Operation:

1. Set the recommended dosage by turning the dose adjuster.
2. Bleed the line with rapid actuation of the Power Doser™.
3. Empty the air in the barrel by actuating the system so that the barrel fills 100% with product.
4. Power Doser™ is activated by squeezing the knob. Power Doser™ will automatically refill after each use.

Follow the applicator gun manufacturer's directions for priming the gun, adjusting the dose, and care of the applicator gun following use.

*Additional applicator guns can be purchased from Genesis Instruments, Elmwood, Wisconsin.

ANIMAL SAFETY

Studies conducted in the U.S.A. have demonstrated the safety margin for Ivermectin. Based on plasma levels, the topically applied formulation is expected to be at least as well tolerated by breeding animals as is the subcutaneous formulation which had no effect on breeding performance.

WARNING

NOT FOR USE IN HUMANS.

Keep this and all drugs out of the reach of children.

The Material Safety Data Sheet (MSDS) contains more detailed occupational safety information.

To report adverse effects, obtain an MSDS or for assistance, contact Customer Service at 1-800-650-4899.

WARNING! FLAMMABLE!

KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME, AND OTHER SOURCES OF IGNITION.

This product should not be applied to self or others because it may be irritating to human skin and eyes and absorbed through the skin. To minimize accidental skin contact, the user should wear a long-sleeved shirt and rubber gloves. If accidental skin contact occurs, wash immediately with soap and water. If accidental eye exposure occurs, flush eyes immediately with water and seek medical attention.

RESIDUE WARNING:

Cattle must not be treated within 48 days of slaughter for human consumption. Because a withdrawal time in milk has not been established, do not use in female dairy cattle of breeding age. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

PRECAUTIONS:

- Store at 20°-25°C (68°-77°F), excursions permitted between 15° and 30°C (between 59° and 86°F). Brief exposure to temperatures up to 40°C (104°F) may be tolerated provided the mean kinetic temperature does not exceed 25°C (77°F), however; such exposure should be minimized.
- Use only in well-ventilated areas or outdoors.

- Close container tightly when not in use.
- Cattle should not be treated when hair or hide is wet since reduced efficacy may be experienced.
- Do not use when rain is expected to wet cattle within six hours after treatment.
- This product is for application to skin surface only. Do not give orally or parenterally.
- Cloudiness in the formulation may occur when Privermectin® Pour-On for Cattle (ivermectin) is stored at temperatures below 32°F. Allowing to warm at room temperature will restore the normal appearance without affecting efficacy.
- Antiparasitic activity of Ivermectin will be impaired if the formulation is applied to areas of the skin with mange scabs or lesions, or with dermatosis or adherent materials, e.g., caked mud or manure.
- Ivermectin has been associated with adverse reactions in sensitive dogs; therefore, Privermectin® Pour-On for Cattle (ivermectin) is not recommended for use in species other than cattle.
- Restricted Drug (California) Use Only as Directed.

WHEN TO TREAT CATTLE WITH GRUBS

Privermectin® Pour-On for Cattle (ivermectin) effectively controls all stages of cattle grubs. However, proper timing of treatment is important. For the most effective results, cattle should be treated as soon as possible after the end of the heel fly (warble fly) season. While this is not peculiar to ivermectin, destruction of Hypoderma larvae (cattle grubs) at the period when these grubs are in vital areas may cause undesirable host-parasite reactions. Killing Hypoderma lineatum when it is in the esophageal tissues may cause bloat; killing H. bovis when it is in the vertebral canal may cause staggering or paralysis. Cattle should be treated either before or after these stages of grub development.

Cattle treated with Privermectin® Pour-On for Cattle (ivermectin) at the end of the fly season may be re-treated with Privermectin® Pour-On for Cattle (ivermectin) during the winter without danger of grub-related reactions. For further information and advice on a planned parasite control program, consult your veterinarian.

ENVIRONMENTAL SAFETY

Studies indicate that when ivermectin comes in contact with the soil, it readily and tightly binds to the soil and becomes inactive over time. Free ivermectin may adversely affect fish and certain aquatic organisms. Do not permit cattle to enter lakes, streams or ponds for at least six hours after treatment. Do not contaminate water by direct application or by the improper disposal of drug containers. Dispose of containers in an approved landfill or by incineration.

As with other avermectins, ivermectin is excreted in the dung of treated animals and can inhibit the reproduction and growth of pest and beneficial insects that use dung as a source of food and for reproduction. The magnitude and duration of such effects are species and life-cycle specific. When used according to label directions, the product is not expected to have an adverse impact on populations of dung-dependent insects.

PACKAGE INFORMATION:

Privermectin® Pour-On for Cattle(ivermectin)

Manufactured By:

FIRST PRIORITY, INC., 1590 Todd Farm Drive, Elgin, IL U.S.A.

Restricted Drug (California) - Use Only as Directed

Privermectin® Pour-On for Cattle is available in a 250 mL (8.5 fl oz), a 1 L (33.8 fl oz) and a 1 Gallon (3.785 L) bottle for use with the measuring cup provided, a 2.5 L (84.5 fl oz) container, 5 L (169.0 fl oz) container, and a 5 Gallon (639.0 fl oz) container for use with the appropriate automatic dosing applicator.

250 ML LABEL
Image of 250 mL

Consult your veterinarian for assistance in the diagnosis, treatment and control of parasitism.

INDICATIONS: For the treatment and control of gastrointestinal roundworms (including inhibited *Ostertagia ostertagi*), lungworms, grubs, horn flies, sucking and biting lice and sarcoptic mange mites in cattle.

See package insert for complete indications and use directions.

Recommended Dose: 1 mL per 22 lb of body weight.

RESIDUE WARNING: Cattle must not be treated within 48 days of slaughter for human consumption. Because a withdrawal time in milk has not been established, do not use in female dairy cattle of breeding age. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

This product should not be applied to self or others because it may be irritating to human skin and eyes and absorbed through the skin. To minimize accidental skin contact, the user should wear a long-sleeved shirt and rubber gloves. If accidental skin contact occurs, wash immediately with soap and water. If accidental eye exposure occurs, flush eyes immediately with water and seek medical attention.

PRECAUTIONS: Store at 20°-25°C (68°-77°F), excursions permitted between 15° and 30°C (between 59° and 86°F). Keep container tightly closed when not in use and protect from light.

NOT RETURNABLE IF OUTDATED



TAKE TIME  OBSERVE LABEL DIRECTIONS

Rev. 08-11
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are registered trademarks of
First Priority, Inc.

Made in U.S.A.

NDC# 58829-302-02

Priority Care 

Privermectin[®]
Pour-On for Cattle

(ivermectin)

PARASITICIDE

Kills: Roundworms (including Brown Stomach Worm), Lungworms, Grubs, Sucking Lice, Biting Lice, Mange Mites, Horn Flies



Restricted Drug (California) - Use Only as Directed

5 mg ivermectin per mL

For Animal Use Only • Keep Out of Reach of Children

Net Contents: 250 mL (8.5 fl oz)

ANADA 200-340, Approved by FDA

FIRST PRIORITY, INC.
1590 Todd Farm Drive
Elgin, IL 60123-1146 U.S.A.

label

Consult your veterinarian for assistance in the diagnosis, treatment and control of parasitism.

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Priority Care®

Privermectin Pour-On for Cattle (ivermectin)

PARASITICIDE

Kills: Roundworms (including Brown Stomach Worm), Lungworms, Grubs, Sucking Lice, Biting Lice, Mange Mites, Horn Flies

Restricted Drug (California)
5 mg ivermectin

For Animal Use Only • Keep Out of Reach of Children
Net Contents: 1 L

ANADA 200-340, Ap

Made in U.S.A.

FIRST PRIORITY
1590 Todd Farm
Elgin, IL 60123-

NDC# 58829-302-25

Priority Care



Consult your veterinarian for assistance in the diagnosis, treatment and control of parasitism.

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Privermectin® Pour-On for Cattle

(ivermectin)



PARASITICIDE

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5 mg ivermectin per mL

Restricted Drug (California) -
Use Only as Directed

For Animal Use Only • Keep Out of Reach of Children
Net Contents: 2.5 Liter (84.5 fl oz)

Use only in well-ventilated outdoors.

Close container tightly when use.

Cattle should not be treated if hair or hide is wet since efficacy may be experienced.

Do not use when rain is expected. Wet cattle within six hours of treatment.

This product is for application to surface only. Do not give parenterally.

Cloudiness in the formulation may occur when Privermectin® Pour-On for Cattle is stored at temperatures below 32°F. Allowing to return to room temperature will restore normal appearance without loss of efficacy.

Antiparasitic activity of ivermectin may be impaired if the formulation is applied to areas of the skin with mange scabs or lesions, dermatosis or adherent material, e.g., caked mud or manure.

Ivermectin has been associated with adverse reactions in sensitive species; therefore, Privermectin® Pour-On for Cattle is not recommended for use on species other than cattle.

Do not contaminate water with application or by the disposal of drug containers. Dispose of containers in an approved manner or by incineration.

WARNING! FLAMMABLE! KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND OTHER SOURCES OF IGNITION.

WARNING! NOT FOR USE IN HUMANS.

Keep this and all drugs out of reach of children.

To report suspected adverse reaction, contact First Priority at 1-800-650-4899.

Lot No. Exp. Date

non varnish

Reorder No. TP332PC

ANADA 200-340, Approved by FDA

FIRST PRIORITY, INC.

IMAGE OF 5.0 LITER LABEL

Image of 5.0 Liter Label

NDC# 58829-302-05

Priority
Care®



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TAKE TIME



OBSERVE LABEL
DIRECTIONS

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IMAGE OF 5.0 GALLON LABEL

Image of 5.0 gallon Label

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