Veto*mectin*

POUR-ON For cattle

Veto*mectin*

POUR-ON for cattle

Active ingredient: each mL contains 5 mg of ivermectin

WARNING

- 1 Treated animals must not be slaughtered for use in food for at least forty-nine (49) days after the latest treatment with this drug.
- A withholding time for milk has not been established. Therefore, non-lactating dairy cows must not be treated within two (2) months of calving.
- 3 This product may be irritating to human skin and eyes. If accidental skin contact occurs, wash the affected area immediately with soap and water. If accidental eye exposure occurs, flush eyes immediately with water and contact a physician.
- 4 Use only in well-ventilated areas or outdoors. Close container when not in use.
- 5 Keep this and all drugs out of the reach of children.

INDICATIONS

For the treatment of parasitic infections and infestations due to gastrointestinal roundworms, eyeworms, lungworms, grubs, sucking and biting lice, mites and hornflies in cattle. See package insert for complete list of parasites. In addition, due to its persistent effect, this product also controls certain parasitic infections and infestations as outlined in the enclosed package insert under PERSISTENT EFFECT

DOSAGE AND ADMINISTRATION

One mL of VETOMECTIN Pour-On per 10 kg of body weight applied along the topline from the withers to the tail head. See package insert for complete use directions

CAUTION

- 1 For topical application only. Do not administer orally or parenterally.
- 2 This product is not for use in species other than cattle.
- 3 Cattle should not be treated when hair or hide is wet since reduced efficacy may be experienced. Rain falling on cattle in less than two hours after dosing may result in reduced efficacy.
- 4 The antiparasitic activity of ivermectin will be impaired if the formulation is applied to areas of skin with mange scabs or lesions, or with dermatoses or adherent materials, e.g. caked mud or manure.
- 5 To prevent potential secondary reactions when treating infections with cattle grubs, consult your veterinarian on the correct timing of treatment.

STORAGE

Store below 25°C away from heat.

VETOMECTIN Pour-On stored at temperatures below 0°C may become cloudy. Warming at room temperature will restore the normal appearance without affecting efficacy.

Store bottle in carton to protect from light.

Flammable: keep away from heat, sparks, open flame or other sources of ignition.



Manufactured by:

Norbrook Laboratories Limited Newry, County Down Northern Ireland



Distributed by:

Vétoquinol N.-A. Inc. 2000 chemin Georges Lavaltrie, QC, Canada J5T 3S5



Net čontents: (250 mL), (1 L), (2.5 L), (5 L) or (20 L)

VETOMECTIN

(ivermectin)

POUR-ON for cattle

For the treatment of pa

ections and infestations due to gastrointestinal roundworms, king and biting lice, mites and hornflies in cattle.

VETOMECTIN Pour-On contains ivermectin, a unique chemical entity. Its convenience, broad-spectrum efficacy and wide safety margin make it an excellent antiparasitic product for cattle. One dose effectively controls a wide range of internal and external parasites that can impair the health and productivity of cattle.

PRODUCT DESCRIPTION

VETOMECTIN Pour-On for cattle is a clear, blue coloured liquid containing 5 mg of ivermectin per mL (0.5% w/v). VETOMECTIN Pour-On is formulated to deliver the recommended dose level of 500 µg of ivermectin per kg of body weight in cattle when applied along the top line from the withers to the tail head at the rate of 1 mL per 10 kg.

Ivermectin is an antiparasitic agent derived from the avermectin family of compounds. The avermectins are highly active, broad-spectrum antiparasitic agents isolated from fermentation of the soil organism Streptomyces avermitilis.

VETOMECTIN Pour-On applied at the recommended dose level of 500 µg of ivermectin per kg of body weight is indicated for the treatment of parasitic infections and infestations due to gastrointestinal roundworms, eyeworms, lungworms, grubs, sucking and biting lice, mites and hornflies in cattle. In addition, due to its persistent effect, this product also controls certain parasitic infections and infestations as outlined in the enclosed package insert under PERSISTENT EFFECT.

Following is a complete list of the parasites against which efficacy has been demonstrated:

Gastrointestinal roundworms
Ostertagia ostertagi, adults and fourth stage larvae including inhibited 0. ostertagi Haemonchus placei, adults and fourth stage larvee Trichostrongylus axei, adults and fourth stage larvae T. colubriformis, adults and fourth stage larvae

Cooperia surnabada (syn. mcmasteri), adults

C. oncophora, adults C. punctata, adults

Nematodirus helvetianus, fourth stage larvae Desophagostomum radiatum, adults and fourth stage larvae

O. venulosum, adults Trichuris ovis adults Strongyloides papillosus, adults

Thelazia gulosa, adults T. skrjabini, adults

Mange mites

Charloptes bovis Sarcoptes scablei var bovis (if psoroptic mange is to be treated, VETOMECTIN Injection for cattle and swine is recommended).

Lungworms

Lice

Dictyocaulus viviparus, adults and fourth stage larvae

Cattle grubs (internal parasitic stages)

Hypoderma bovis H. lineatum

Linognathus vituli Haematopinus eurysternus Damalinia (syn. Bovicpla) bovis

Horn flies Haamatobia irritans

PERSISTENT EFFECT

VETOMECTIN Pour-On given at the recommended dosage of 500 µg of ivermectin per kg of body weight effectively controls infections of Dictyocaulus viviparus and Desophagostomum radiatum acquired up to 28 days after treatment, Trichostrongylus axel and Cooperia punctata acquired up to 21 days after treatment; and Haemonchus placei, Ostertagia ostertagi, Cooperia oncophora and Cooperia surnabada (syn. mcmasteri) acquired up to 14 days after treatment.

VETOMECTIN Pour-On given at the recommended dosage of 500 µg of ivermectin per kg of body weight effectively controls infestations of Haematobia irritans acquired up to 35 days after treatment; Damalinia (Bovicola) bovis acquired up to 55 days after treatment and Linognathus vituli quired up to 49 days after treatm

Note to user - For best results, VETOMECTIN Pour-On should be part of a total parasite control program including internal and external parasites based on the epidemiology of these parasites. Consult a veterinarian or entomologist for the most effective timing of applications.

DOSAGE AND ADMINISTRATION

VETOMECTIN Pour-On is formulated for external use only in cattle; it should not be used in other species. The formulation should be applied along the top-line in a narrow strip extending from the withers to the tail head at a dose rate of 1 mL per 10 kg of body weight.

Squeeze-Measure-Pour System (250 mL bottle): Attach the metering cup to the bottle.

Set the dose by turning the top section of the cup, aligning the correct body weight with the pointer on the knurled cap. When body weight is between markings, use the higher setting. Hold the bottle upright and squeeze it to deliver a slight excess of the required dose as indicated by

the calibration lines.

By releasing the pressure, the dose automatically adjusts to the correct level. Tilt the bottle to dispense the dose. An off (STOP) position is provided to close the system, between dosing. Bottle should remain upright during storage.

Squeeze-Measure-Pour System (I L bottle with 50 mL Metering Cup):
Attach the metering cup to the bottle.
Set the dose by turning the top section of the cup, aligning the correct body weight with the pointer on the knurfed cap. When body weight is between the markings, use the higher setting. Hold the bottle upright and squeeze it to deliver a slight excess of the required dose as indicated by the calibration lines. By releasing the pressure, the dose automatically adjusts to the correct level. Tilt

the bottle to dispense the dose. When 100 kg (10 mL) or 150 kg (15 mL) dose is required, turn the pointer to 'STOP' before dispensing the dose. The off (STOP) position will close the system. Bottles should remain upright during storage.

Single/Twin Neck Dispenser System (250 mL and 1 L)
Hold the bottle upright and squeeze it to deliver the required dose as indicated by the calibration

Collapsible Packs (2.5 L and 5 L)

Use dosing equipment compatible with VETOMECTIN Pour-On. Follow manufacturer's directions for use and care of the equipment. Other dosing equipment may be incompatible resulting in locking, incorrect dosage and leakage. Connect the dosing gun to the collapsible pack as follows:

1. Attach the open end of the draw-off tubing to the dosing gun and attach draw off tubing to the

self-venting cap with the stem.

Replace the shipping cap with the self-venting draw-off cap which has the stem and tighten this cap.
Invert the pack and gently prime the dosing gun, checking for leaks.

Container (20 L)

Use dosing equipment compatible with VETOMECTIN Pour-On. Follow manufacturer's directions for use and care of the equipment. Other dosing equipment may be incompatible resulting in locking, incorrect dosage and leakage. Connect the dosing gun to the container as follows:

1 Attach the open end of the draw-off tubing to the dosing gun and attach draw off tubing to the

self-venting cap with the stem.

Replace the shipping cap with the self-venting draw-off cap which has the stem and tighten

this cap. 3 Invert the pack and gently prime the dosing gun, checking for leaks.

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 glutamate-gated 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 ligand-gated 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 glutamate-gated chloride channels, the macrocyclic lactones have a low affinity for other mammalian ligand-gated channels and they do not readily cross the blood-brain barrier.

The colour of VETOMECTIN Pour-On fades when exposed to light and depending upon the light intensity, fading may occur in less than 30 minutes. The rapid loss of colour does not reflect loss of potency of ivermectin. However, prolonged exposure (i.e. weeks) to light can also result in a gradual decline of ivermectin potency in the formulation.

Studies have demonstrated a wide safety margin. 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 has demonstrated an adequate safety margin in breeding animals.

Studies indicate that when ivermectin comes in contact with the soil, it readily and tightly binds to the soil and becomes inactive over time. Drug containers and any residual contents should be disposed of safely (e.g. by burying or incinerating) as free ivermectin may adversely affect fish or certain water-borne organisms

WARNING

Treated animals must not be slaughtered for use in food for at least forty-nine (49) days after the last treatment with this drug.

A withholding time for milk has not been established. Therefore, non-lactating dairy cows must

not be treated within two (2) months of calving.

This product may be irritating to human skin and eyes. If accidental skin contact occurs, wash the affected area immediately with soap and water. If accidental eye exposure occurs, flush eyes immediately with water and contact a physician.

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

4

For topical application only. Do not administer orally or parenterally.

This product is not for use in species other than cattle.

Cattle should not be treated when hair or hide is wet since reduced efficacy will be experienced. Rain falling on cattle in less than 2 hours after dosing may result in reduced fficacy.

The antiparasitic activity of ivermectin will be impaired if the formulation is applied to areas of skin with mange scabs or lesions, or with dermatoses or adherent materials, e.g. caked mud or

To prevent potential secondary reactions when treating infections with cattle grubs, consult your veterinarian on the correct timing of treatment.

tore below 25°C away from heat.

VETOMECTIN Pour-On stored at temperatures below 0°C may become cloudy. Warming at room temperature will restore the normal appearance without affecting efficacy. Store the bottle in the carton to protect from light.

Flammable: keep away from heat, sparks, open flame, or other sources of ignition.

PACKAGE INFORMATION

VETOMECTIN Pour-On for cattle is available in five ready to use sizes: 250 mL, 1 L, 2.5 L, 5 L and 20 L.

250 mL: is supplied in a multiple-dose bottle. Each bottle contains enough solution to treat 10 x 250 kg of body weight (one mL per 10 kg).

is supplied in a multiple-dose bottle. Each pack contains enough solution to treat 40×250 kg of body weight. 11

25 L is supplied in a soft, collapsible pack. Each pack contains enough solution to treat 100 x 250 kg of body weight

5L is supplied in a soft, collapsible pack. Each pack contains enough solution to treat 200 x 250 kg of body weight.

20 L: is supplied in a container. Each pack contains enough solution to treat 800 x 250 kg of body

Norbrook Laboratories Limited Newry Co. Down Northern Ireland

Distributed by: Vétoquinol N.-A. Inc. 2000 chemin Georges Lavaltrie Quebec Canada, J5T 3S5





- Treated animals must not be slaughtered for use in food for at least forty-rine (49) days after the latest treatment with this drug.

 2 A withholding time for milk has not been established. Therefore, non-lactating dairy cows must not be treated within two (2) months of calving.

 3 This product may be irrating to human skin and eyes. If accidental skin contact occurs, wash the affected area immediately with soap and water.

- WARNING
 If accidental eye exposure occurs, flush eyes immediately with
 water and contact a physician.
 4 Use only in well-vertiliated areas or outdoors. Close container tightly
 when not in use.
 5 Keep this and all drugs out of the reach of children.

INDICATIONS

INDICATIONS

For the treatment of parasitic infections and infestations due to gastrointestinal roundworms, eyeworms, langworms, grubs, sucking and biting lice, mites, and hornflies in cattle. See package insert for complete list of parasites.

In addition, due to its persistent effect, this product also controls certain parasitis infections and infestations as outlined in the enclosed package insert under PERSISTENT EFFECT.

DOSAGE AND ADMINISTRATION
One mt. of VETOMECTIN Pour-On per 10 kg of body weight applied along the topine from the withers to the tall head. See package insert for complete use directions.

CAUTION

- CAUTION

 1 For topical application only. Do not administer orally or parenterally.

 2 This product is not for use in species other than cattle.

 3 Cattle should not be treated when hair or hide is with since reduced efficacy may be experienced. Bain falling on cattle in less than 2 hours after dowing may result in reduced efficacy.

 4 The antiparasitic activity of invernectin will be impaired if the formulation is applied to area of the slan with mange scabs or lesions, or with dermatoses or adherent materials, e.g., caked mucl or manure.
- or maiture. 5 To prevent potential secondary reactions when treating infections with cattle grubs consult your veterinarian on the correct timing of treatment.

Manufactured by: Norbrook Laboratories Limited Newry, County Down Northern Ireland

*

041491101

STORAGE

Store below 25°C, store away from heat.

VETOMECTIN Pour-On stored at temperature below 0°C may

VELOME: IN Your bases at temperature will restore the normal appearance without affecting efficacy.

Store the bottle in the carbon to protect from light.

Flammable: keep away from heat, sparks, open flame or other sources of ignition.

sources of ignifican.

Drug containers and any residual contents should be disposed of safely (e.g., by buying or incinerating) as free ivermection may adversely affect list or cortain water-borne organisms.

The colour of VETOMECTIR Pour-On tades when exposed to light and depending upon the light intensity, fading may occur in less than 30 minutes. The rapid loss of toolour does not reflect a loss of potency of Vermeccih. However, prolonged exposure (e.g. weeks) to light can result in a gradual decline of vermectin potency in the formulation.

Vétoquinol

Distributed by: Vétoquinol N.-A. Inc. 2000 chemin Georges Lavaltrie, QC, Canada J5T 3S5

Exp.:



Treated animals must not be slaughtered for use in food for at least forty-nine (49) days after the last treatment with this drug.

2 A withholding time for milk has not been established. Therefore, non-lactating dairy cows must not be treated within two (2) months of calving.

3 This product may be irritating to human skin and eyes. If accidental skin contact occurs, wash the affected area immediately with soap and water, if accidental eye exposure occurs, flush eyes immediately with water and contact a physician.

4 Use only in well-ventilated areas or outdoors. Close container tightly when not in use.

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

INDICATIONS

INDICATIONS

For the treatment of parasitic infections and infestations due to gastrointestinal roundworms, eyeworms, langworms, grubs, sucking and biting lice, mites, and hornflies in cattle. See package insert for complete list of parasites.

In addition, due to its persistent effort, this product also controls certain parasitic infections and infestations as outlined in the enclosed package insert under PERSISTENT EFFECT.

DOSAGE AND ADMINISTRATION
One mt. of VETOMECTIN Powr-On per 10 kg of body weight applied along the topline from the withers to the tail head. See package insert for complete use directions.

1 For topical application only. Do not administer orally or parenterally.

2 This product is not for use in species other than cattle.

3 Cattle should not be treated when hair or hide is wet since reduced efficacy may be experienced. Rain falling on cattle in less than 2 hours after dosing may result in reduced efficacy.

4 The antiparastic activity of ivermectin will be impaired if the formulation is applied to areas of the skin with mange scabs or lesions, or with dermatoses or adherent materials, e.g. caked mud or manure.

5 To prevent potential secondary reactions when treating infections with cattle grubs consult your veterinarian on the correct timing of treatment.

Manufactured by: Norbrook Laboratories Limited Newry, County Down Northern Ireland

045491L01

STORAGE

Stor-below 25°C, store away from heat.

VETOMECTIM Pour-On stored at temperature below 0°C may become cloudy.

Warming at room temperature will restore the normal appearance without affecting efficacy.

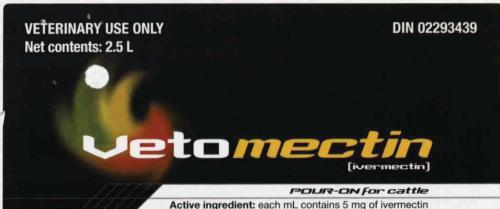
Store the bottle in the carton to protect from light.

Store the dottle in the carrior to protect from light. Hammable: keep away from heat, sparks, open flame or other sources of ignition. Drug containers and any residual contents should be disposed of safely (e.g. by burying or incinerating) as free ivermectin may adversely affect fish or certain water-borne organisms. The colour of VETOMECTIN Pour-On fades when exposed to light and depending upon the light intensity, fading may occur in less than 30 minutes. The rapid loss of colour does not reflect a loss of potency of ivermectin. However, prolonged exposure (e. weeks) to light can result in a gradual decline of ivermectin potency in the formulation.



emin Georges e. QC, Canada J5T 3S5

Lot:





- Treated animals must not be slaughtered for use in food for at least forty-nine (49) days after the last treatment with this drug.

 A withholding time for milk has not been established. Therefore, non-lactating dairy cows must not be treated within two (2) months of calving.
- 3 This product may be irritating to human skin and eyes, if accidental skin contact occurs, wash the affected area immediately with soap and water. If accidental eye exposure occurs, flush eyes immediately with water and contact a physician.
- 4 Use only in well-ventilated areas or outdoors. Close container tightly when not in use.
- 5 Keep this and all drugs out of the reach of children.

INDICATIONS

For the treatment of parasitic infections and infestations due to gastrointestinal roundworms, eyeworms, lungworms, grubs, sucking and biting lice, mites, and hornflies in cattle. See package insert for complete list of parasites.

In addition, due to its persistent effect, this product also controls certain parasitic infections and infestations as outlined in the enclosed package insert under PERSISTENT EFFECT.

DOSAGE AND ADMINISTRATION
One mt. of VETOMECTIN Pour-On per 10 kg of body weight applied along the topline from the withers to the tail head. See package insert for complete use directions.

- 1 For topical application only. Do not administer orally or parenterally.
- 2 This product is not for use in species other than cattle.
- Cattle should not be treated when hair or hide is wet since reduced efficacy may be experienced. Rain falling on cattle in less than 2 hours after dosing may result in reduced efficacy.
- 4 The antiparasitic activity of ivermectin will be impaired if the formulation is applied to areas of the skin with mange scabs or lesions, or with dermatoses or adherent materials, e.g. caked mud or manure.
- 5 To prevent potential secondary reactions when treating infections with cattle grubs consult your veterinarian on the correct timing of treatment.

Manufactured by: Norbrook Laboratories Limited Newry, County Down Northern Ireland



0434911.01

Store below 25°C, store away from heat.

VETOMECTIN Pour-On stored at temperature below 0°C may become cloudy.

Warming at room temperature will restore the normal appearance without affecting efficacy.

Warming at noon temperature will restore the normal appearance without affecting efficacy. Store the bottle in the carton to protect from light. Flammable: keep away from heat, sparks, open flame or other sources of ignition. Drug containers and any residual contents should be disposed of safely (e.g. by burying or incinenting) as free twermed in may adversely affect fine or certain water-borne organisms. The colour of VETOMECTIN Pour-On fades when exposed to light and depending upon the light intensity, fading may occur in less than 30 minutes. The rapid loss of colour does not reflect a loss of potency of vermectin. However, prolonged exposure (ii. e. weeks) to light can result in a gradual decline of ivermectin potency in the formulation.



Distributed by: Vétoquinol N.-A. Inc. 2000 chemin Georges Lavaltrie, QC, Canada J5T 3S5

Lot:

Veto*mectin*

POUR-ON For cattle

Active ingredient: each mL contains 5 mg of ivermectin



WARNING

- 1 Treated animals must not be slaughtered for use in food for at least forty-nine (49) days after the last treatment with this drug.
- 2 A withholding time for milk has not been established. Therefore, non-lactating dairy cows must not be treated within two (2) months of calving.

INDICATIONS

For the treatment of parasitic infections and infestations due to gastrointestinal roundworms, eyeworms, lungworms, grubs, sucking and biting lice, mites, and homflies in cattle. See package insert for complete list of parasites.

In addition, due to its persistent effect, this product also controls certain parasitic infections and infestations as outlined in the enclosed package insert under **PERSISTENT EFFECT.**

DOSAGE AND ADMINISTRATION

One mL of **VETOMECTIN Pour-On** per 10 kg of body weight applied along the topline from the withers to the tail head. See package insert for complete use directions.

CAUTION

- 1 For topical application only. Do not administer orally or parenterally.
- 2 This product is not for use in species other than cattle.
- 3 Cattle should not be treated when hair or hide is wet since reduced efficacy may be experienced. Rain falling on cattle in less than 2 hours after dosing may result in reduced efficacy.
- 4 The antiparasitic activity of ivermectin will be impaired if the formulation is applied to areas of the skin with mange scabs or lesions, or with dermatoses or adherent materials, e.g. caked mud or manure.
- 5 To prevent potential secondary reactions when treating infections with cattle grubs consult your veterinarian on the correct timing of treatment.

Manufactured by:

Norbrook Laboratories Limited Newry, County Down Northern Ireland



- 3 This product may be irritating to human skin and eyes. If accidental skin contact occurs, wash the affected area immediately with soap and water. If accidental eye exposure occurs, flush eyes immediately with water and contact a physician.
- 4 Use only in well-ventilated areas or outdoors. Close container tightly when not in use.
- 5 Keep this and all drugs out of the reach of children.

STORAGE

Store below 25°C, store away from heat.

VETOMECTIN Pour-On stored at temperature below 0°C may become cloudy.

Warming at room temperature will restore the normal appearance without affecting efficacy.

Store the bottle in the carton to protect from light.

Flammable: keep away from heat, sparks, open flame or other sources of ignition.

Drug containers and any residual contents should be disposed of safely (e.g. by burying or incinerating)

as free ivermectin may adversely affect fish or certain water-borne organisms.

The colour of **VETOMECTIN Pour-On** fades when exposed to light and depending upon the light intensity, fading may occur in less than 30 minutes. The rapid loss of colour does not reflect a loss of potency of ivermectin. However, prolonged exposure (i.e. weeks) to light can result in a gradual decline of ivermectin potency in the formulation.



Distributed by: Vétoquinol N.-A. Inc. 2000 chemin Georges Lavaltrie, QC, Canada J5T 3S5

Lot:

Exp.:

