

VETERINARY USE ONLY

DIN 02215713

CYDECTIN[®]**Moxidectin
(Injection for Cattle)****STERILE**

For the treatment of infections and infestations due to internal and external parasites in cattle

FOR SUBCUTANEOUS INJECTION ONLY**INTRODUCTION**

CYDECTIN[®] injection for cattle contains moxidectin, a second generation endectocide of the milbemycin class of compounds, that is highly effective when administered at a dosage of 0.2 mg/kg body weight against a broad range of economically important endoparasites and ectoparasites that infect cattle.

Mode of action studies indicate that CYDECTIN[®] eliminates parasites by causing paralysis through interfering with neurotransmission of the gamma-aminobutyric acid (GABA)-gated or glutamate-gated chloride channels.

CYDECTIN[®] has been formulated in an aqueous base.

COMPOSITION

CYDECTIN[®] injection for cattle is a non-irritating sterile aqueous solution containing 10 mg of moxidectin per mL.

Preservatives: Benzyl alcohol 4.00% w/v, butylated hydroxytoluene (BHT) 0.25% w/v, disodium edetate (EDTA) 0.027% w/v

INDICATIONS

CYDECTIN[®] is indicated for the treatment of healthy cattle of all ages and breeds, which are parasitized by the following gastrointestinal roundworms, lungworms, grubs (warbles), sucking lice and mange mites.

GASTROINTESTINAL ROUNDWORMS

<i>Haemonchus placei</i>	Adults, Developing L4
<i>Ostertagia ostertagi</i>	Adults, Developing L4, Inhibited L4
<i>Trichostrongylus axei</i>	Adults, Developing L4
<i>Trichostrongylus colubriformis</i>	Adults, Developing L4
<i>Cooperia pectinata</i>	Adults
<i>Cooperia punctata</i>	Adults, Developing L4
<i>Nematodirus helvetianus</i>	Adults, Developing L4
<i>Oesophagostomum radiatum</i>	Adults, Developing L4
<i>Bunostomum phlebotomum</i>	Adults, Developing L4
<i>Trichuris ovis</i>	Adults
<i>Trichuris discolor</i>	Adults

LUNGWORMS

Dictyocaulus viviparus Adults, Developing L4

MANGE MITES

Psoroptes ovis

SUCKING LICE

Linognathus vituli
Haematopinus euryesternus
Solenopotes capillatus

N.B. In Canada, livestock mange is a reportable disease under The Animal Disease and Protection Act. Report any suspected cases to a federal veterinarian immediately.

GRUBS (Migrating Larvae)

Hypoderma lineatum, *Hypoderma bovis*

Persistent Activity: CYDECTIN[®] injection for cattle when used at the recommended dose rate prevents reinfection by *Ostertagia ostertagi* for 21 days and by *Dictyocaulus viviparus* for 28 days following a single subcutaneous injection.

DOSAGE AND ADMINISTRATION**DOSAGE TABLE**

Body Wt. (kg)	25	50	75	100	150	200	250	300	350	400	450	500
Dose Volume (mL)	0.5	1	1.5	2	3	4	5	6	7	8	9	10

Dosage and administration: Inject 0.5 mL/25 kg for animals up to 100 kg body weight and 1 mL/50 kg for animals over 100 kg body weight, subcutaneously, in front or behind the shoulder. Use sterile equipment. Per good veterinary practice, maximum 10 mL per injection site.

If the animals are likely to be reinfected, a strategic parasite control program should be established.

SAFETY

CYDECTIN[®] injection for cattle has been tested extensively at the recommended dose of 200 mcg moxidectin per kg body weight under a wide variety of environmental and management conditions. It has been shown to be safe regardless of cattle breed, type and age when administered to healthy animals at 2 times the recommended dose. Safety trials at 3 times the recommended dose have demonstrated that CYDECTIN[®] injection for cattle is safe for use in pregnant cows and heifers, in cycling cows and breeding bulls. At 5 times the recommended dose, clear but transient effects consistent with the neurological mode of action of moxidectin have been observed in up to 50% of treated animals. Treatment is not generally necessary and recovery is usually complete within 24 to 72 hours.

SUPPLIED

CYDECTIN[®] injection for cattle is supplied in 500 mL plastic bottles.

STORAGE CONDITIONS

CYDECTIN[®] injection for cattle can be stored between 4-25°C.

CAUTIONS

- Extra care should be taken with calves under 100 kg body weight to ensure that the correct dose is used, particularly if animals are in poor condition, debilitated or suffering from infectious diseases, because they may be susceptible to an overdose of moxidectin.
- Overdoses, should they occur, may manifest themselves as transient salivation, depression, drowsiness and ataxia 8 to 24 hours post-treatment. Treatment is not generally necessary and recovery is usually complete within 24 to 72 hours. There is no specific antidote.
- Do not mix with other veterinary medicinal products before administration.
- To avoid secondary reactions when treating *Hypoderma spp.* infections consult your veterinarian on the correct timing of treatment.
- Dispose of any containers and any residual content safely (e.g., bury or incinerate). Bury away from water courses as free moxidectin may adversely affect fish and certain water borne organisms.

WARNINGS

- Treated animals must not be slaughtered for use in food for at least 36 days after the latest treatment with this drug.
- Do not treat non-lactating dairy cattle with this drug for at least 60 days prior to calving.
- Do not use in lactating dairy cows.
- Keep out of reach of children.
- Avoid direct contact with skin and eyes.

Boehringer Ingelheim (Canada) Ltd.
5180 South Service Road
Burlington, Ontario L7L 5H4



Boehringer
Ingelheim

USAGE VÉTÉRINAIRE SEULEMENT

DIN 02215713

CYDECTIN

Moxidectin
(Injectable pour bovins)

(Ingrédient actif : Chaque mL renferme 10 mg de moxidectin)

STÉRILE

Pour le traitement des infections et des infestations causées par les parasites internes et externes chez les bovins

FORM INJECTION 100%-CLIVAGE ÉQUILIBRÉ

AGENTS DE CONSERVATION : alcool benzyle 4,0%, w/v, hydroxypropyl-beta (HP) 0,25% p/v, acide décanoïque (sel d'EDTA) 0,02% p/v

MISE EN GARDE :

1. Les animaux traités ne doivent pas être abattus à des fins alimentaires dans un délai de 28 jours. Ils sont aptes à l'alimentation humaine à partir de 28 jours.
2. Ne pas utiliser les produits vétérinaires dans des lieux publics ou de loisir.
3. Ne pas utiliser les produits vétérinaires dans des lieux publics ou de loisir.
4. Garder hors de la portée des enfants.
5. Éviter tout contact direct avec la peau et les yeux.

Précautions d'administration : Injecter 0,5 mL/25 kg par semaine de 100 kg de poids vif et moins et 1 mL/50 kg par semaine de 100 kg de poids vif. Administrer par voie sous-cutanée, devant ou derrière l'épaule. Utiliser des seringues et des aiguilles appropriées. Éviter les injections multiples dans une même région vétérinaire.

Une fois obtenu, s'injecter pour obtenir toutes les informations sur la pharmacologie et l'administration.

STÉRILITÉ :

Contenir à une température comprise entre 2°C et 8°C. Éviter l'impact et la lumière directe du soleil.



EXPIRANT : NOVEMBRE 1998

Contenu Net
500 mL

Boehringer Ingelheim (Canada) Ltd.
5700 South Service Road
Burlington, Ontario L7R 5M4



VETERINARY USE ONLY

DIN 02215713

CYDECTIN

Moxidectin
(Injection for Cattle)

(Active ingredient: Each mL contains 10 mg of moxidectin)

STÉRILE

For the treatment of infections and infestations due to internal and external parasites in cattle

FORM SUBCUTANEOUS INJECTION ONLY

PRESERVATIVES: benzyl alcohol 4.0%, w/v, hydroxypropyl-beta (HP) 0.25% w/v, decanoic acid (EDTA salt) 0.02% w/v

WARNING:

1. Treated animals must not be slaughtered for use in food for at least 28 days after the last treatment with this drug.
2. Do not treat non-slaughtering dairy cattle with this drug for at least 60 days prior to calving.
3. Do not use in lactating dairy cows.
4. Avoid direct contact with skin and eyes.

Dosage and administration: Inject 0.5 mL/25 kg for animals up to 100 kg body weight and 1 mL/50 kg for animals over 100 kg body weight, subcutaneously. Use appropriate equipment. For good veterinary practice, maximum 10 mL per 1000 kg live weight.

See package insert for complete information on dosing and administration.

STORAGE:

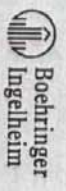
Store between 2°C and 8°C. Avoid freezing.



EXPIRANT : NOVEMBRE 1998

Net Contents
500 mL

Boehringer Ingelheim (Canada) Ltd.
5700 South Service Road
Burlington, Ontario L7R 5M4



Lot: _____

Exp: _____

Moxidectin
(Injectable
for
Cattle)
Moxidectin
(Injectable
pour
bovins)

CYDECTIN®

DIN 02215713
USAGE VÉTÉRINAIRE SEULEMENT

DIN 02215713
VETERINARY USE ONLY

CYDECTIN®

CYDECTIN®

CYDECTIN®

CYDECTIN®

**Moxidectin
(Injectable pour bovins)**
(Un diluant actif. Chaque mL contient 10 mg de moxidectin)

STERILE
Pour le traitement des infections et des infestations attribuables aux parasites internes et externes chez les bovins.

POUR INJECTION SOUS-CUTANÉE SEULEMENT

AGENTS DE CONSERVATION: alcool benzyle 4,00% p/v, butylhydroxyanisole (BHT) 0,25% p/v, acide lactique dissout (S/L) 0,027% p/v.

- MISCS EN GARDE:**
1. Les animaux traités ne doivent pas être abattus à des fins alimentaires dans un délai d'au moins 30 jours après le dernier traitement avec ce médicament.
 2. Ne pas traire les vaches traitées dans les 72 heures avant le vêlage.
 3. Ne pas utiliser ce produit chez les vaches lactées en lactation.
 4. Garder hors de la portée des enfants.
 5. Éviter tout contact direct avec la peau et les yeux.

STORAGE: conserver à une température entre 4-25 °C, ou à l'abri de la lumière et à l'abri du gel.

Posologie et administration: injecter 0,5 mL/25 kg aux animaux de 100 kg de poids vif et moins et 1 mL/50 kg aux animaux de plus de 100 kg de poids vif. Administrer par voie sous-cutanée, devant ou derrière l'épaule. Utiliser du matériel stérile. Admin. strer au maximum 10 mL par site d'injection, conformément aux bonnes pratiques vétérinaires.

TABLEAU POSOLOGIQUE

Poids vif (kg)	Volum de la dose (mL)
25	0,5
50	1
75	1,5
100	2
150	3
200	4
250	5
300	6
350	7
400	8
450	9
500	10

Voir le dépliant à l'intérieur pour obtenir toutes les informations sur la posologie et l'administration.

**Moxidectin
(Injection for Cattle)**
(Active ingredient: Each mL contains 10 mg of moxidectin)

STERILE
For the treatment of infections and infestations due to internal and external parasites in cattle.

FOR SUBCUTANEOUS INJECTION ONLY

PRESERVATIVES: Benzyl alcohol 4.00% w/v, butylated hydroxytoluene (BHT) 0.25% w/v, sodium lactate (S/L) 0.027% w/v.

- WARNINGS:**
1. Treated animals must not be slaughtered for use in food for at least 30 days after the latest treatment with this drug.
 2. Do not treat non-lactating dairy cattle with this drug for at least 60 days prior to calving.
 3. Do not use in lactating dairy cows.
 4. Keep out of reach of children.
 5. Avoid direct contact with skin and eyes.

STORAGE: Store between 4-25°C. Protect from light. Avoid freezing.

Dosage and administration: Inject 0.5 mL/25 kg for animals up to 100 kg body weight and 1 mL/50 kg for animals over 100 kg body weight. Administer subcutaneously in front or behind the shoulder. Use sterile equipment. Per good veterinary practice, maximum 10 mL per injection site.

DOSAGE TABLE

Body Wt. (kg)	Dose Volume (mL)
25	0.5
50	1
75	1.5
100	2
150	3
200	4
250	5
300	6
350	7
400	8
450	9
500	10

See package insert for complete information on dosing and administration.



Boehringer Ingelheim (Canada) Ltd.
2100 South Service Road
Burlington Ontario L7R 4A6
**Contenu Net
500 mL**
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**Net Contents/Contenu Net
500 mL**
C38P-26-CA-008-10
C38P26

Boehringer Ingelheim (Canada) Ltd.
2100 South Service Road
Burlington Ontario L7R 4A6
**Net Contents
500 mL**
Boehringer
Ingelheim

Lot No.
Expiry Date