



Product Name: CYDECTIN INJECTION FOR CATTLE
 APVMA Approval No: 45663/140290

Label Name:	CYDECTIN INJECTION FOR CATTLE
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Signal Headings:	<p>CAUTION</p> <p>KEEP OUT OF REACH OF CHILDREN</p> <p>FOR ANIMAL TREATMENT ONLY</p> <p>READ SAFETY DIRECTIONS BEFORE OPENING OR USING</p>
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Constituent Statements:	10 g/L MOXIDECTIN
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Claims:	<p>For the treatment and control of moxidectin sensitive internal and external parasites.</p> <p>Cydectin Injection for Cattle is a second generation macrocyclic lactone endectocide which is effective against moxidectin sensitive gastrointestinal roundworms (including inhibited larvae of <i>Ostertagia ostertagi</i>), lungworm, sucking lice and mange mites.</p> <p>Indications: Cydectin Injection for Cattle contains moxidectin, a member of the macrocyclic lactone family. It is effective against parasites sensitive to this family including the following parasites. Resistance may develop to any drench.</p> <p>CATTLE</p> <p>Mature (adult) and immature (L4)</p> <ul style="list-style-type: none"> * <i>Haemonchus placei</i> (barbers pole worm) * <i>Haemonchus contortus</i> * <i>Haemonchus similis</i> § * <i>Ostertagia ostertagi</i> (including inhibited larvae) * <i>Trichostrongylus</i> spp (black scour worm) * <i>Trichostrongylus axei</i> * <i>Trichostrongylus colubriformis</i> * <i>Cooperia surnabada</i> * <i>Cooperia oncophora</i> (small intestinal worm) * <i>Cooperia pectinata</i> * <i>Cooperia punctata</i> * <i>Cooperia spatulata</i> § * <i>Oesophagostomum radiatum</i> (nodule worm) * <i>Bunostomum phlebotomum</i> (hookworm) * <i>Trichuris discolor</i> (whipworm) * <i>Trichuris ovis</i> * <i>Dictyocaulus viviparus</i> (lungworm) <p>Adult Nematodes</p>
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	<ul style="list-style-type: none"> * Nematodirus spathiger * Nematodirus helvetianus <p>Lice (Sucking lice)</p> <ul style="list-style-type: none"> * Linognathus vituli * Haematopinus eurysternus * Solenopotes capillatus <p>Aids in the control of <i>Bovicola bovis</i> (biting lice)</p> <p>Mites</p> <ul style="list-style-type: none"> * Psoroptes ovis § * Chorioptes bovis <p>Cattle Grubs</p> <ul style="list-style-type: none"> * Hypoderma bovis § * Hypoderma lineatum § <p>§ Not known to occur in Australia</p> <p>Cattle Tick</p> <ul style="list-style-type: none"> * Rhipicephalus australis (<i>Boophilus microplus</i>) <p>Cydectin Injection for Cattle is effective for treatment and control of cattle tick, including strains resistant to organophosphates, synthetic pyrethroids and amidines. The persistent activity of Cydectin Injection for Cattle prevents the development of viable cattle tick (<i>Rhipicephalus australis</i> (<i>Boophilus microplus</i>)) for 28 days after treatment. For strategic programs treatment at 28 day intervals is recommended.</p> <p>Persistent activity: Cydectin Injection for Cattle when used at the recommended dose rate as a single subcutaneous injection prevents re-infection with <i>Haemonchus placei</i> and <i>Trichostrongylus axei</i> for up to 14 days, <i>Ostertagia ostertagi</i> for not less than 21 days, and <i>Dictyocaulus viviparus</i> for not less than 35 days.</p> <p>Tick Control: Cydectin Injection for Cattle may be used to control cattle tick, <i>Rhipicephalus australis</i> (<i>Boophilus microplus</i>). The persistent activity of Cydectin Injection for Cattle prevents the development of viable cattle tick for 28 days after treatment. For strategic programs treatment at 28 day intervals is recommended.</p>
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Net Contents:	250 mL 500 mL
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Directions for Use:	
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Restrictions:	DO NOT USE in lactating cows or within 60 days of calving where milk may be used or processed for human consumption.
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Contraindications:	Care must be taken to use the correct dose in calves under 100 kg weight, particularly if animals are in light body condition, because they may be susceptible to overdosing. Do not use in undernourished animals.
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Precautions:	
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Side Effects:	
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Dosage and Administration:	<p>Use the contents within 28 days of first broaching of the vial. Discard the unused portion.</p> <p>Cydetin Injection for Cattle should be administered subcutaneously to give a dose rate of 0.2 mg moxidectin/kg liveweight.</p> <p>Volumes to use: 0.5 mL / 25 kg for animals up to 100 kg 1.0 mL / 50 kg for animals over 100 kg</p> <p>Cattle heavier than 650 kg should be dosed at 1 mL per 50 kg. A representative sample of animals should be weighed before treatment either with scales or a weighband. Dose rate to be based on heaviest cattle in each group (bulls, cows, steers, calves, etc.). Do not underdose. Where there is a large variation in size within the group, draft into 2 or more lines based on body weight, to avoid excessive overdosing.</p> <p>This section contains file attachment.</p>
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General Directions:	<p>Product Advantages</p> <p>Non Irritant Cydetin Injection for Cattle does not cause irritation at the injection site.</p> <p>Low Volume Cydetin Injection for Cattle is a low volume formulation that flows readily through applicators and needles.</p> <p>Broad Spectrum Cydetin Injection for Cattle is efficacious in cattle against roundworms, lungworm, mites, lice and cattle ticks which infect cattle.</p> <p>Controls Cattle Tick Cydetin Injection for Cattle may be used at 28 day intervals to control cattle tick, <i>Rhipicephalus australis</i> (<i>Boophilus microplus</i>). Some engorged females may continue to drop for up to 3 days after the first treatment, and these may lay some viable eggs. This should be taken into account when planning a strategic dipping program.</p> <p>Safety Cydetin Injection for Cattle may be used at the recommended dose rate in all ages and breeds of cattle including pregnant females and breeding bulls.</p> <p>Concurrent use Cydetin Injection for Cattle is safe to use concurrently with other treatments in cattle including mineral supplements, fluke treatments and vaccines.</p> <p>Caution: avoid carcass damage</p> <ol style="list-style-type: none"> 1. Sterilise all injection apparatus by boiling (or equivalent) before use. Avoid use of strong disinfectants on apparatus. 2. Maintain cleanliness at all times. 3. Keep needles sharp and clean. Replace frequently. 4. Use shortest needle possible, certainly not exceeding 15 mm. 5. As far as possible, avoid injection of animals during wet weather or under dusty conditions. 6. This product should be injected only under the skin. 7. If possible, inject high on the neck behind the ear.
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	<p>Effect on Dung Beetles</p> <p>When applied as directed, the levels of Cydectin Injection for Cattle in the faeces of treated cattle are not likely to have any significant adverse effect on the following dung beetles: <i>Onthophagus gazella</i> and <i>Euoniticellus intermedius</i>. Effects on other dung beetle species have not been fully evaluated.</p>
Withholding Periods:	<p>MEAT: DO NOT USE less than 14 days before slaughter for human consumption.</p> <p>MILK: DO NOT USE in lactating cows or within 60 days of calving where milk may be used or processed for human consumption.</p>
Trade Advice:	<p>EXPORT SLAUGHTER INTERVAL (ESI): DO NOT USE less than 28 days (single treatment) or 40 days (multiple treatments) before slaughter for export. Before using this product, confirm the current ESI from Virbac on 1800 242 100 or the APVMA website (apvma.gov.au/residues).</p>
Safety Directions:	<p>Poisonous if swallowed. May irritate the nose and throat. Will irritate the eyes and skin. Avoid contact with eyes and skin. Do not inhale. Wash hands after use.</p>
First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre Phone Australia 13 11 26.</p>
First Aid Warnings:	
Additional User Safety:	
Environmental Statements:	<p>ENVIRONMENTAL PROTECTION</p> <p>Extremely toxic to aquatic species. Do not contaminate dams, rivers, streams or other waterways with the chemical or used container.</p>
Disposal:	<p>Bury destroyed empty containers at a depth of 500 mm or more at a licensed/approved disposal site. In some States, waste can only be buried at a licensed landfill. Do not burn empty containers or product. Please recycle instruction leaflet and carton only.</p> <p>Discarded needles should immediately be placed in a designated and appropriately labelled "sharps" container. The container should be of a type to reduce the possibility of injury to handlers during collection and disposal. Incineration is the preferred method of disposal, otherwise sharps should be buried at a suitable site, such as an on-farm chemical disposal pit located away from water courses.</p>
Storage:	<p>Store below 30 °C (room temperature) and protect from sunlight. If freezing occurs, shake vigorously before using.</p>

Dosage and Administration

Live Weight (kg)	Dose Volume (mL)
25*	0.5
50*	1.0
75*	1.5
100*	2.0
150	3.0
200	4.0
250	5.0
300	6.0
350	7.0
400	8.0
450	9.0
500	10.0
550	11.0
600	12.0
650	13.0

*see contraindications