

BIMECTIN INJECTION

Ivermectin 1% w/v



BENEFITS

- Antiparasitic injectable solution
- Delivers effective control against a wide range of external and internal parasites
- Penetrates quickly to reach and kill parasites
- Licenced for cattle, sheep and pigs
- Cost effective parasitic control in animals

PACKAGING

LIST NO.	UNIT PACKAGE	CASE SIZE
1BIM068	50ml	12
1BIM069	250ml	6
1BIM070	500ml	6

See reverse side for full indications, administration and dosage.



BIMECTIN INJECTION

Presentation

A clear, colourless, slightly viscous, non-aqueous sterile solution containing 1% w/v ivermectin. The product does not contain an antimicrobial preservative.

Uses

Bimectin Injection is indicated for the effective treatment and control of the following harmful parasites of cattle, sheep and pigs:

Cattle

For the treatment and control of gastro-intestinal nematodes, lungworms, eyeworms, warbles, mange mites and sucking lice of cattle, as shown below.

The product at the recommended dosage level of 200 mcg ivermectin per Kg bodyweight:

- Provides effective control against the following parasites of cattle. Gastro-intestinal worms (adult and fourth stage larvae): *Ostertagia* spp (including inhibited *O. ostertagi*), *Haemonchus placei*, *Trichostrongylus axei*, *Trichostrongylus colubriformis*, *Cooperia* spp, *Bunostomum phlebotomum*, *Oesophagostomum radiatum*, *Strongyloides papillosus* (adult), *Nematodirus helvetianus* (adult), *N. spathiger* (adult), *Trichuris* spp. (adult)

Lungworms (adult and fourth stage larvae): *Dictyocaulus viviparus*.

Eyeworms (adult): *Thelazia* spp.

Warbles (parasitic stages): *Hypoderma bovis* and *H. lineatum*.

Mange mites: *Psoroptes bovis*, *Sarcoptes scabiei* var. *bovis*.

Sucking lice: *Linognathus vituli*, *Haematopinus euryternus* and *Solenopotes capillatus*.

- May also be used as an aid in the control of the mange mite *Chorioptes bovis* but complete elimination may not occur.

When cattle have to graze on pasture contaminated with infective larvae of cattle nematodes, treatment at the recommended dose rate controls re-infection with *Haemonchus placei*, and *Cooperia* spp. acquired up to 14 days after treatment, *Ostertagia ostertagi* and *Oesophagostomum radiatum* acquired up to 21 days after treatment and *Dictyocaulus viviparus* acquired up to 28 days after treatment.

To obtain optimal benefit from the persistent activity of the product for grazing animals, it is recommended that calves which are set stocked in their first grazing season should be treated 3, 8 and 13 weeks after the day of turn-out. This can protect the animals from parasitic gastro-enteritis and lung worm disease throughout the grazing season, provided they are set stocked in the programme and that no untreated cattle are added to the pasture.

Treated calves should always be monitored according to good husbandry practices

Sheep

For the treatment and control gastro-intestinal roundworms, lungworms and nasal bots of sheep. The product, at the recommended dosage level of 200 mcg ivermectin per kg bodyweight, effectively controls the following parasites of sheep:

Gastrointestinal Roundworms (adult and fourth stage larvae): *Ostertagia circumcincta* (including inhibited fourth stage larvae), *O. trifurcata*, *Haemonchus contortus* (including inhibited fourth stage larve), *Trichostrongylus colubriformis*, *Cooperia curticei*, *Oesophagostomum columbianum*, *Nematodirus filicollis*, *Chabertia ovina*, *Trichostrongylus axei* (adult), *T. vitrinus* (adult), *Oesophagostomum venulosum* (adult), *Trichuris ovis* (adult).

Lungworms (adult and fourth stage): *Dictyocaulus filaria*, *Protostrongylus rufescens* (adult).

Nasal bots (adult immature): *Oestrus ovis* (includes somatic larval stages).

Pigs

For the treatment and control of gastro-intestinal nematodes, lungworms, lice and mange mites of pigs.

The product at the recommended dose rate of 300 mcg ivermectin per kg bodyweight provides effective control against the following parasites of pigs:

Gastro-intestinal roundworms (adults and fourth stage larvae): *Ascaris suum*, *Hyostrongylus rubidus*, *Oesophagostomum* spp. and adult and somatic larval stages of *Strongyloides ransomi*.

Lungworms: *Metastrongylus* spp. (adults)

Lice: *Haematopinus suis*.

Mites: *Sarcoptes scabiei* var. *suis*.

Dosage and Administration

The product should be given only by subcutaneous injection at the recommended dosage level of 200 mcg ivermectin per kg bodyweight under the loose skin in front of, or behind, the shoulder in cattle and over the neck in sheep. At the recommended dosage level of 300 mcg ivermectin per kg of bodyweight, the product should be given only subcutaneously in the neck of pigs.

Each ml contains 10 mg of ivermectin sufficient to treat 50 kg of bodyweight of cattle and sheep and 33 kg of bodyweight of pigs. The injection may be given with any standard automatic or single-dose or hypodermic syringe. Use of 17 gauge x ½ inch needle is suggested. Replace with a fresh sterile needle after every 10 to 12 animals.

Injection of wet or dirty animals is not recommended. If using a single-dose or hypodermic syringe, use a separate sterile needle to withdraw the product from the container. Massage the injection site after administration of the product.

In young pigs, especially those below 16 kg for which less than 0.5 ml of the product is indicated, dosing accuracy is important.

The use of a syringe that can accurately deliver as little as 0.1 ml is recommended.

In young lambs weighing less than 20.0 kg give 0.1 ml per 5 kg. In these lambs the use of a syringe with can deliver as little as 0.1 ml is recommended.

Contra-indications, Warnings, etc.

Do not use in animals with known hypersensitivity to the active ingredient. This product is not for intravenous or intramuscular use.

Adverse Reactions

Cattle

Mild and transient discomfort has occasionally been observed in cattle following subcutaneous administration. A low incidence of soft tissue swelling at the injection site has been observed.

Sheep

Discomfort, sometimes intense but usually transient, has been observed in some sheep immediately following subcutaneous administration.

Pigs

Mild and transient discomfort has occasionally been observed in pigs following subcutaneous injection.

All these reactions disappeared without treatment.

Withdrawal Periods

Cattle must not be treated within 49 days of slaughter for human consumption. Do not use in lactating cows producing milk for human consumption. Do not use in non-lactating dairy cows including pregnant dairy heifers within 60 days of calving. Sheep must not be treated within 42 days of slaughter for human consumption. Do not use in lactating sheep producing milk for human consumption. Do not use in sheep within 60 days of lambing where milk is to be used for human consumption. Pigs must not be treated within 28 days of slaughter for human consumption.

Special Storage Precautions

Following withdrawal of the first dose, use the product within 28 days.

Precautions for the disposal of unused product

Any unused veterinary product or waste material derived from the product should be discarded of in accordance with local requirements. The product should not enter water-courses as this may be dangerous to fish and other aquatic organisms.

Legal Category LM

Package Quantities

Multidose bottles of 50ml, 250ml and 500ml

VPA 10960/33/1

This information should be used as a general guide, for more specific instructions on the use of Bimeda® products always read the product label carefully.

