

LABEL

PARTICULARS TO APPEAR ON THE IMMEDIATE PACKAGE

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Premadex 10 mg/ml Solution for Injection
Ivermectin

2. STATEMENT OF ACTIVE AND OTHER SUBSTANCES

1 ml contains:
Active substance: ivermectin 10 mg
Other excipients: benzyl alcohol 10 mg

3. PHARMACEUTICAL FORM

Solution for Injection

4. PACKAGE SIZE

50 ml
200 ml
250 ml
500 ml

5. TARGET SPECIES

Cattle, sheep and pigs

6. INDICATION(S)

Antiparasitic remedy for cattle, sheep and pigs
Read the package leaflet before use

7. METHOD AND ROUTE(S) OF ADMINISTRATION

Inject subcutaneously at the following dose
Cattle 1.0 ml per 50 kg
Sheep 0.5 ml per 25 kg
Pigs 1.5 ml per 50 kg
Read the package leaflet before use

8. WITHDRAWAL PERIOD

Cattle:
Meat and offal: 49 days.

Sheep:

Meat and offal: 42 days.

Pigs:

Meat and offal: 28 days

Do not use in lactating dairy cows and sheep producing milk for human consumption. Do not use in non-lactating dairy cows, including pregnant dairy heifers or non-lactating dairy sheep within 60 days of calving/lambing.

Read the package leaflet before use

9. SPECIAL WARNING(S), IF NECESSARY

Read the package leaflet before use

10. EXPIRY DATE

EXP: MM/YYYY

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

Once broached, use by:

11. SPECIAL STORAGE CONDITIONS

Store below 25°C

Protect from direct light.

Keep container in the outer carton in order to protect from light.

12. SPECIFIC PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCTS OR WASTE MATERIALS, IF ANY

Extremely dangerous to fish and aquatic life. Do not contaminate surface waters or ditches with product or used container. Any unused veterinary medicinal product or waste material derived from such veterinary medicinal product should be disposed of in accordance with national requirements.

13. THE WORDS.FOR ANIMAL TREATMENT ONLY AND CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE, if applicable

For animal treatment only

14. THE WORDS KEEP OUT OF THE REACH AND SIGHT OF CHILDREN.

Keep out of the reach and sight of children.

15. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Eco Animal Health Ltd
The Grange
100 High Street
London
N14 6BN
United Kingdom

16. MARKETING AUTHORISATION NUMBER(S)
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Vm 13277/4017

17. MANUFACTURER'S BATCH NUMBER
--

<Batch> <Lot> <BN> {number}

CARTON

PARTICULARS TO APPEAR ON THE OUTER PACKAGE

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Premadex 10 mg/ml Solution for Injection
Ivermectin

2. STATEMENT OF ACTIVE AND OTHER SUBSTANCES

1 ml contains:
Active substance: ivermectin 10 mg
Other excipients: benzyl alcohol 10 mg

3. PHARMACEUTICAL FORM

Solution for Injection

4. PACKAGE SIZE

50 ml
200 ml
250 ml
500 ml

5. TARGET SPECIES

Cattle, sheep and pigs

6. INDICATION(S)

Cattle:

For the treatment of gastro-intestinal nematodes, lungworms, eyeworms, warble flies, mites and lice of beef, and non-lactating dairy cattle.

Sheep:

For the treatment of gastro-intestinal nematodes, lungworms, psoroptic mange (sheep scab) and nasal bots of sheep.

Pigs:

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

Recommended dosage level of 200mcg ivermectin per kg bodyweight for cattle and sheep and 300mcg ivermectin per kg bodyweight for pigs.

7. METHOD AND ROUTE(S) OF ADMINISTRATION

Treatment:

Inject subcutaneously at the following dose

Cattle 1.0ml per 50kg

Sheep 0.5ml per 25kg

Pigs 1.5ml per 50kg

Read the package leaflet before use

8. WITHDRAWAL PERIOD

Cattle:

Meat and offal: 42 days.

Sheep:

Meat and offal: 42 days.

Pigs:

Meat and offal: 28 days

Read the package leaflet before use

9. SPECIAL WARNING(S), IF NECESSARY

Use by subcutaneous injection only.

Do not use in lactating dairy cows and sheep producing milk for human consumption. Do not use in non-lactating dairy cows, including pregnant dairy heifers or non-lactating dairy sheep within 60 days of calving/lambing.

Avermectins may not be well tolerated in all non-target species. Cases of intolerance with fatal results are reported in dogs – especially Collies, Old English Sheepdogs and related breeds and crosses, and also in turtles/tortoises.

Read the package leaflet before use

10. EXPIRY DATE

EXP: MM/YYYY

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

Once broached, use by:

11. SPECIAL STORAGE CONDITIONS

Store below 25°C

Protect from direct light.

Keep container in the outer carton in order to protect from light.

12. SPECIFIC PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCTS OR WASTE MATERIALS, IF ANY

Extremely dangerous to fish and aquatic life. Do not contaminate surface waters or ditches with product or used container. Any unused veterinary medicinal product or waste material derived from such veterinary medicinal product should be disposed of in accordance with national requirements.

13. THE WORDS .FOR ANIMAL TREATMENT ONLY. AND CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE, if applicable

For animal treatment only

14. THE WORDS .KEEP OUT OF THE REACH AND SIGHT OF CHILDREN.

Keep out of the reach and sight of children.

15. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Eco Animal Health Ltd
The Grange
100 High Street
London
N14 6BN
United Kingdom

16. MARKETING AUTHORISATION NUMBER(S)

Vm 13277/4017

17. MANUFACTURER'S BATCH NUMBER

<Batch> <Lot> <BN> {number}

PACKAGE LEAFLET

**PACKAGE LEAFLET FOR:
PREMADEX 10 mg/ml SOLUTION FOR INJECTION**

**1. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER
AND OF THE MANUFACTURING AUTHORISATION HOLDER RESPONSIBLE
FOR BATCH RELEASE , IF DIFFERENT**

Marketing authorisation holder

Eco Animal Health Ltd

The Grange

100 High Street

London

N14 6BN

United Kingdom

Manufacturer for the batch release

Divasa-Farmavic, S.A.

Ctra. Sant Hipòlit, km 71,

08503 Gurb-Vic (Barcelona)

SPAIN

Or

Produlab Pharma b.v

Forellenweg 16, NL-4941, Sj Raamsdonksveer

Netherlands

2. NAME OF THE VETERINARY MEDICINAL PRODUCT

Premadex 10 mg/ml Solution for Injection

3. STATEMENT OF THE ACTIVE SUBSTANCE (S) AND OTHER INGREDIENTS

A clear, colourless solution.

1 ml contains:

Active substance: ivermectin 10 mg

Other excipients: benzyl alcohol 10 mg

4. INDICATION(S)

Cattle:

For the treatment of gastrointestinal nematodes, lungworms, eyeworms, warble flies, mites and lice (as shown below) of beef and non-lactating dairy cattle:

Gastrointestinal worms (adults and 4th stage larvae):

Ostertagia ostertagi
Ostertagia lyrata
Haemonchus placei
Trichostrongylus colubriformis
Cooperia oncophora (adults)
Cooperia punctata (adults)
Cooperia pectinata (adults)
Bunostomum phlebotomum
Oesophagostomum radiatum

Lungworms (adult and 4th stage larvae):

Dictyocaulus viviparus

Eyeworms (adult):

Thelazia spp.

Warble flies (parasitic stages):

Hypoderma bovis
H. lineatum

Mites:

Psoroptes ovis
Sarcoptes scabiei var. *bovis*

Sucking lice:

Linognathus vituli
Haematopinus eurysternus
Solenopotes capillatus

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

Treatment with Qualimec 10 mg/ml Solution for Injection at the recommended dose rate prevents re-infection with *Haemonchus placei*, *Cooperia oncophora*, *Cooperia pectinata* and *Trichostrongylus axei* for 7 days after treatment, *Ostertagia ostertagi* and *Oesophagostomum radiatum* for 14 days after treatment and *Dictyocaulus viviparus* for 21 days after treatment.

Sheep

For the treatment of psoroptic mange (sheep scab), gastrointestinal nematodes, lungworms and nasal bots of sheep:

Gastrointestinal roundworms (adults):

Ostertagia circumcincta

Haemonchus contortus

Trichostrongylus axei

T. colubriformis and *T. vitrinus*

Cooperia curticei

Nematodirus filicollis

Variable activity may be observed against *Cooperia curticei* and *Nematodirus filicollis*.

Lungworms:

Dictyocaulus filaria (adults)

Mange mites:

Psoroptes ovis

Nasal bot:

Oestrus ovis (all larval stages)

Pigs

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

Gastro-intestinal worms (adult and fourth stage larvae):

Ascaris suum

Hyostrongylus rubidus

Oesophagostomum spp.

Strongyloides ransomi (adults).

Lungworms:

Metastrongylus spp. (adults)

Lice:

Haematopinus suis

Mange Mites:

Sarcoptes scabiei var. *suis*

5. CONTRAINDICATIONS

Do not use in lactating dairy cows and sheep producing milk for human consumption. Do not use in non-lactating dairy cows, including pregnant dairy heifers or non-lactating dairy sheep within 60 days of calving/lambing.

Do not use in cases of known hypersensitivity to ivermectin.

Do not administer by the intravenous or intramuscular route.

6. ADVERSE REACTIONS

Transitory discomfort has been observed in some animals immediately following subcutaneous administration. In cattle this may include jumping and rolling, but behaviour returns to normal after 15 minutes.

Soft tissue swelling and thickening of the skin at the injection site has been observed in treated animals. Typically these reactions are transient and disappear within one to four weeks.

If you notice any serious effects or other effects not mentioned in this leaflet, please inform your veterinary surgeon.

7. TARGET SPECIES

Cattle, sheep and pigs

8. DOSAGE FOR EACH SPECIES, ROUTE(S) AND METHOD OF ADMINISTRATION

For single administration only (except for the treatment of *Psoroptes ovis* infections in sheep).

Cattle

Dosage:

1.0 ml per 50 kg bodyweight (based on a recommended dosage level of 200 micrograms ivermectin per kg bodyweight).

Administration:

Inject subcutaneously in front of, or behind, the shoulder using aseptic technique. A sterile 1.4 x 15 mm (17G x ½ inch) needle is recommended.

Sheep

Dosage:

0.5 ml per 25 kg of bodyweight (based on a recommended level of 200 micrograms ivermectin per kg bodyweight).

Administration:

For the treatment of gastrointestinal roundworms, lungworms and nasal bots inject once subcutaneously in the neck, using aseptic precautions; a sterile 1.4 x 15 mm (17G x ½ inch) needle is recommended. For the treatment of *Psoroptes ovis* (sheep scab), two injections with a seven day interval are required to treat clinical signs of scab and to eliminate living mites.

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

Pigs

Dosage:

1.5ml per 50kg bodyweight (based on a recommended dosage level of 300 micrograms ivermectin per kg bodyweight).

Administration:

The recommended route of administration is by subcutaneous injection into the neck using aseptic technique and a sterile 1.4 x 15 mm (17G x ½ inch) needle.

For piglets weighing less than 16 kg give 0.1 ml per 3 kg. In these piglets the use of a syringe which can deliver as little as 0.1 ml is recommended.

9. ADVICE ON CORRECT ADMINISTRATION

Use a dry sterile needle and syringe.

Swab septum before removing each dose.

When using the 200, 250 or 500ml pack sizes, use only automatic syringe equipment. For the 50ml pack size, use of a multiple dose syringe is recommended. To refill the syringe, use of a draw-off needle is recommended to avoid excessive broaching of the stopper.

To ensure administration of a correct dose, bodyweight should be determined as accurately as possible. Accuracy of the dosing device should be checked.

If animals are to be treated collectively rather than individually, they should be grouped according to their bodyweight and dosed accordingly, in order to avoid under- or over-dosing.

10. WITHDRAWAL PERIOD

Cattle:

Meat and offal: 42 days.

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:

Meat and offal: 42 days.

Do not use in lactating ewes producing milk for human consumption. Do not use in sheep, which are intended to produce milk for human consumption, within 60 days of lambing.

Pigs:

Meat and offal: 28 days

11. SPECIAL STORAGE PRECAUTIONS

Store below 25°C.

Protect from direct sunlight.

Keep container in the outer carton in order to protect from light.

Keep out of reach and sight of children.

Do not use after the expiry date stated on the label and carton after "EXP".

Shelf-life after first opening the container: 28 days

Should any apparent growth or discolouration occur, the product should be discarded.

When the container is broached (opened) for the first time, using the in-use shelf-life which is specified on this package leaflet, the date on which any product remaining in the container should be discarded should be worked out. This discard date should be written in the space provided on the label

12. SPECIAL WARNING(S)

Special precautions for use in animals

Care should be taken to avoid the following practices because they increase the risk of development of resistance and could ultimately result in ineffective therapy:

- Too frequent and repeated use of anthelmintics from the same class, over an extended period of time
- Underdosing, which may be due to underestimation of bodyweight, misadministration of the product, or lack of calibration of the dosing device (if any)

Treatment of psoroptic mange (sheep scab) with one injection is not recommended because although clinical improvement may be seen, elimination of all mites may not occur.

Sheep scab (*Psoroptes ovis*) is an extremely contagious external parasite of sheep. Following treatment of infected sheep great care must be taken to avoid re-infestation as mites may be viable for up to 15 days off the sheep. It is important to ensure all sheep which have been in contact with infected sheep are treated. Contact between treated, infected and non-treated non-infected flocks must be avoided until at least 7 days after the last treatment.

Resistance to ivermectin has been reported in *Ostertagia circumcincta* in lambs and in *Ostertagia ostertagi* in cattle. Therefore, the use of this product should be based on local

(regional, farm) epidemiological information about susceptibility of these *helminth species* and recommendations on how to limit further selection for resistance to anthelmintics

Avermectins may not be well tolerated in non-target species. Cases of intolerance with fatal results are reported in dogs – especially Collies, Old English Sheepdogs and related breeds and crosses, and also in turtles/tortoises.

Do not combine treatment with vaccination against lungworms. If vaccinated animals are to be treated, treatment should not be carried out within a period of 28 days before or after vaccination.

The shedding of nematode eggs can continue for some time after treatment.

In Cattle: To avoid secondary reactions due to the death of *Hypoderma* larvae in the oesophagus or in the spine, it is recommended to administer the product at the end of warble fly activity and before the larvae reach their resting sites.

The product can be administered during pregnancy in cows, ewes and sows. The fertility of males is not affected by administration of the product.

Clinical symptoms of ivermectin toxicity include ataxia and depression. No antidote has been identified. In case of overdose, symptomatic treatment should be given. No signs of toxicity were observed in animals treated at up to 3 times the recommended dose rate.

Suspected clinical cases of resistance to anthelmintics should be further investigated using appropriate tests (e.g. Faecal Egg Count Reduction Test). Where the results of the test(s) strongly suggest resistance to a particular anthelmintic, an anthelmintic belonging to another pharmacological class and having a different mode of action should be used.

In the absence of compatibility studies, this veterinary medicinal product must not be mixed with other veterinary medicinal products

Special precautions to be taken by the person administering the veterinary medicinal product to animals

Do not smoke, eat or drink while handling the product.

Wash hands after use.

Take care to avoid self injection: the product may cause local irritation and/or pain at the site of injection.

13. SPECIAL PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCT OR WASTE MATERIALS, IF ANY

Extremely dangerous to fish and aquatic life. Do not contaminate surface waters or ditches with product or used container. Any unused veterinary medicinal product or waste material derived from such veterinary medicinal product should be disposed of in accordance with national requirements.

14. DATE ON WHICH THE PACKAGE LEAFLET WAS LAST APPROVED

June 2023

15. OTHER INFORMATION

Pack sizes: 50, 200, 250 and 500 ml.
Not all pack sizes may be marketed.

Approved 02 June 2023

