

WARNING
KEEP OUT OF REACH OF CHILDREN
FOR ANIMAL TREATMENT ONLY
ZOLVIX™ PLUS
Broad Spectrum Oral Anthelmintic for Sheep and Cattle
ACTIVE CONSTITUENTS: 25 mg/mL Monepantel and 2 mg/mL Abamectin

Monepantel is a member of the class of anthelmintics called the Amino-Acetonitrile Derivatives (AADs) while Abamectin is a member of the Macrocytic Lactone (ML) class of anthelmintics. ZOLVIX PLUS is effective for the treatment and control of sensitive strains of nematodes (roundworms), including nematodes that have single, dual or triple resistance to macrocyclic lactones (including moxidectin resistant strains), benzimidazoles (white drenches), imidazothiazoles (Ivomecine, clear drench) in sheep, beef cattle and non-lactating dairy cattle and morantel (clear drench) and salicylanilide (e.g. closantel)-resistant strains, in sheep. ZOLVIX PLUS is also effective against AAD-sensitive immature (L4) stages of *Haemonchus contortus* and *Teladorsagia circumcincta* in sheep where a combination of a macrocyclic lactone and derquantel is less effective.

EFFICACY SPECTRUM SHEEP
 Barber's pole worm *Haemonchus contortus***
 Small brown stomach worm *Ostertagia (Teladorsagia) spp.***
*Ostertagia (Teladorsagia) circumcincta**,
*Ostertagia (Teladorsagia) trifurcata**,
*Ostertagia (Teladorsagia) daviana***
 Black scour worm *Trichostrongylus colubriformis**,
*Trichostrongylus axei***
 Stomach hair worm *Trichostrongylus axei***
 Thin necked intestinal worm *Nematodius abnormalis*,
*Nematodius filicollis**,
*Nematodius spathiger**,
 Small intestinal worm *Cooperia curtipis**,
*Cooperia oncophora**,
 Large mouthed bowel worm

*Chaberia ovinus**, Large bowel worm
*Oesophagostomum venulosum**
 ZOLVIX PLUS is also effective against AAD-sensitive immature (L4) stages of *H. contortus* and *T. circumcincta* where a combination of a macrocyclic lactone and derquantel is less effective.
 *Includes adult and immature L4 stage
 ** Includes adult, immature L4 stage and inhibited L4 stage

CATTLE
 Barbers pole worm: *Haemonchus placei**, Small brown stomach worm: *Ostertagia ostertagi**, Stomach hair worm: *Trichostrongylus axei**, Small intestinal worm: *Cooperia oncophora**, *Cooperia pectinata**, *Cooperia punctata**, *Cooperia mcmasteri**, Thin necked intestinal worm: *Nematodius helveticus**,
 Hookworm: *Bunostomum phlebotomum**,
 Nodule worm: *Oesophagostomum radiatum**.

* Includes adult and immature L4 stage
 ** Includes adult stage only

MODE OF ACTION
 AADs have a completely unique mode of action compared to all other anthelmintics available on the market. Monepantel causes a paralysis of the worms by binding to a specific receptor that is only found in nematode parasites (roundworms). It is believed that the high margin of safety in sheep and cattle and environmental safety is attributable to the fact that the specific receptor for the AADs has not been found in any animal species other than nematodes. Abamectin causes paralysis and death of target organisms via the activation of a glutamate gated chloride channel present in invertebrate nerve and muscle cells, and/or through the effect on gamma-aminobutyric acid (GABA) receptors.

DIRECTIONS FOR USE
 The product is NOT TO BE USED in sheep less than 15 kg of bodyweight or 3 months of age.
 The product is NOT TO BE USED in cattle less than 100 kg of bodyweight or 16 weeks of age.

SAFETY TO SHEEP AND CATTLE
 ZOLVIX PLUS has a wide margin of safety when used as recommended and is readily accepted by sheep and cattle.

DOSAGE AND ADMINISTRATION
 ZOLVIX PLUS is a ready-to-use oral solution. A representative sample of animals should be weighed before treatment. Dose the animals to the heaviest liveweight in each group. DO NOT under dose. Where there is a large variation in weight within the group, dose should be based on the label directions for each weight range. Drafting into two or more lines may be appropriate, to avoid excessive overdosing.

A correct drenching technique is recommended, carefully place the drench gun nozzle in the side of the mouth and over the back of the tongue before delivering the dose.

Check dose and drench gun before treatment commences. Drench animals orally using an Elanco recommended drench gun. Maintain applicator gun carefully to ensure accurate dosage. After use, clean gun by flushing with warm, soapy water. Rinse with cold water.

SHEEP
 The dose for sheep and lambs is 0.5 mL/5 kg (1 mL/10 kg), equivalent to 2.5 mg monepantel/kg and 0.2 mg abamectin/kg bodyweight.

CATTLE
 The dose for cattle is 5 mL/50 kg (1 mL/10 kg) (equivalent to 2.5 mg monepantel/kg and 0.2 mg abamectin/kg bodyweight).

Body weight (kg)	Dose (mL)	No. Treated/ 5 L
15-20	2.0	2500
21-25	2.5	2000
26-30	3.0	1665
31-35	3.5	1425
36-40	4.0	1250
41-50	5.0	1000
51-60	6.0	830
61-70	7.0	710
71-80	8.0	625

Sheep in excess of 80 kg body weight should be dosed at 1 mL/10 kg.

Body Weight (kg)	Dose (mL)	Number of Animals treated per 5 L
100	10	500
101-120	12	417
121-150	15	332
151-200	20	250
201-250	25	200
251-300	30	166
301-350	35	142
351-400	40	124
401-450	45	110
451-500	50	100
501-550	55	90
551-600	60	82
601-650	65	76

Cattle in excess of 650 kg body weight should be dosed at 5 mL/50 kg.

Resistance may develop to any chemical. Ask your local veterinary practitioner or animal health adviser for recommended parasite management practices for your area to reduce development of resistance. It is advisable that a resistance test be conducted before any parasite treatment is used. A correct drenching technique should be used to assist in anthelmintic resistance prevention.

Drench Gun Directions
 1. Maintain applicator gun carefully to ensure accurate dosage.
 2. Give full dose orally according to dosing schedule.
 3. A representative sample of animals should be weighed before treatment.
 4. Dose the mob to the heaviest animal by liveweight in each group. Do not under dose.
 5. Where there is a large variation in size within the group, dose rates should be based on the label directions for each weight range. Drafting into two or more lines may be appropriate, to avoid excessive overdosing.

6. After use, clean gun by flushing with warm, soapy water. Rinse with cold water.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residues Limits of Agricultural Compounds) Food Standards.

WITHHOLDING PERIODS
MEAT (SHEEP): Sheep producing meat or offal for human consumption must not be sold for slaughter either during treatment or within 14 days of the last treatment.
MEAT (CATTLE): Cattle producing meat or offal for human consumption must not be sold for slaughter either during treatment or within 19 days of the last treatment.
MILK (SHEEP): Milk intended for sale for human consumption must be discarded during treatment

and for not less than 35 days following the last treatment.

MILK (CATTLE): Milk intended for sale for human consumption must be discarded during treatment and for not less than 49 days following the last treatment. If calving occurs within 7 weeks of the last treatment, milk must not be processed for human consumption until 7 weeks following last treatment has passed.

By law the user must take due care, obtaining expert advice when necessary, to avoid unnecessary pain and distress when using the product other than as directed on the label.

Read label and obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Handling Precautions: May be harmful if swallowed and avoid breathing vapours. May cause harm to breast-fed children. Avoid contact during pregnancy/while nursing. May cause damage to organs. Use personal protective equipment as required. Do not eat, drink or smoke when using this product and wash hands thoroughly after handling.

First Aid: If exposed or you feel unwell contact the Poisons Centre 0800 POISON (0800 764766) or a doctor immediately.

Environmental Protection: Very toxic to aquatic life with lasting effects and very toxic to the soil environment. Avoid release to the environment. Collect spillage.

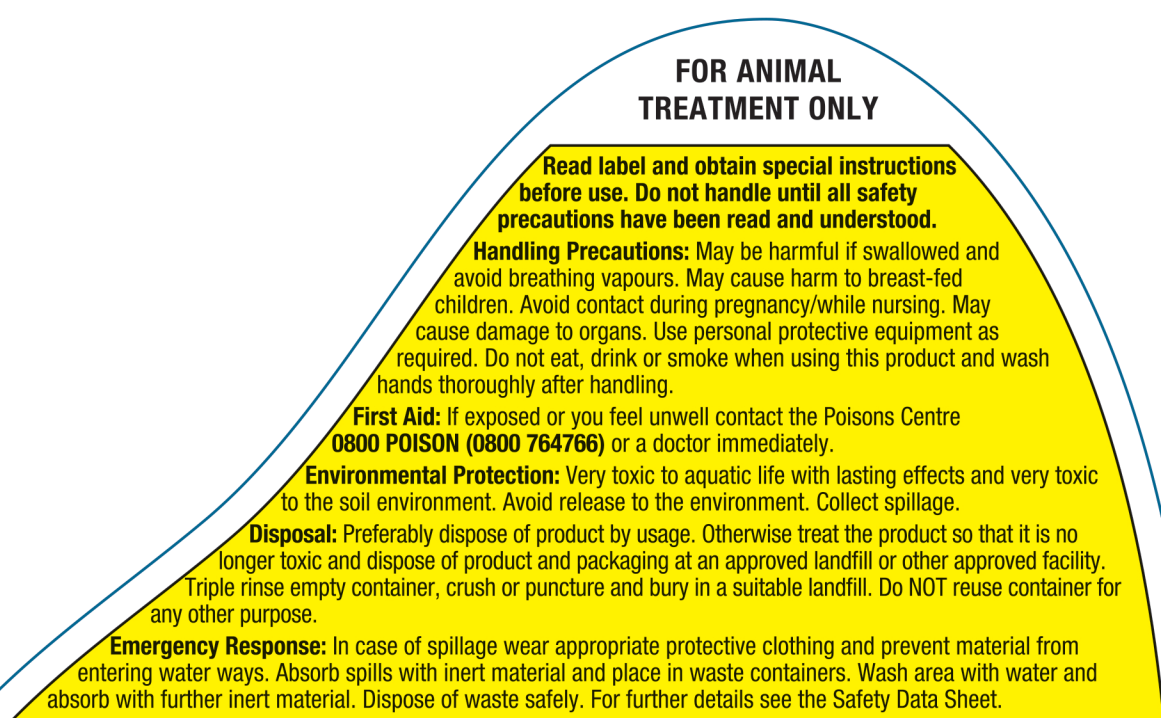
Disposal: Preferably dispose of product by usage. Otherwise treat the product so that it is no longer toxic and dispose of product and packaging at an approved landfill or other approved facility. Triple rinse empty container, crush or puncture and bury in a suitable landfill. Do NOT reuse container for any other purpose.

accordance with the directions on this container. Registered to Elanco Animal Health (Division of Eli Lilly and Company (NZ) Limited), Level 1, 123 Ormiston Road, Botany Junction, Auckland 2016.
 HELPLINE: Phone 0800 ELANCO (0800 352 626)
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 Approved pursuant to the HSNO Act 1996. EPA New Zealand Approval Code: HSR100758 See www.epa.govt.nz for approval conditions.
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Emergency Response: In case of spillage wear appropriate protective clothing and prevent material from entering water ways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely. For further details see the Safety Data Sheet.

STORAGE
 Store below 25°C (Room Temperature). Store in the original container tightly closed. Store locked up. Once opened use product within 12 months.

CONDITIONS OF SALE
 The manufacturer of this animal remedy extends/grants to the purchaser a warranty that this animal remedy is reasonably fit for the purposes for which its use is recommended, provided that the purchaser uses the remedy only for the purpose for which it is recommended to them, and strictly in



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Elanco™

Batch No.	
Expiry Date	