

CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING
FOR ANIMAL TREATMENT ONLY

COOPERS[®]
NILVERM[®]
LV ORAL WORMER

ACTIVE CONSTITUENT: 80 g/L LEVAMISOLE HYDROCHLORIDE
equivalent to 68 g/L LEVAMISOLE

For the control of levamisole sensitive Round Worms including
Lungworms in sheep and cattle and for the treatment of Sensitive
Strains of Round Worms in pigs and poultry.

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COOPERS[®]
EST. 1843 

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For the control of levamisole sensitive Round Worms including Lungworms in sheep and cattle and for the treatment of Sensitive Strains of Round Worms in pigs and poultry.

SHEEP AND CATTLE

NILVERM LV contains levamisole, a member of the imidazothiazole (clear) group of anthelmintics (drenches) and is effective in sheep and cattle against: mature and immature Barber's Pole Worm (*Haemonchus* spp.), Stomach Hair Worm (*Trichostrongylus axei*), Black Scour Worm (*Trichostrongylus* spp.), Small Intestinal worm (*Cooperia* spp.), Thin Necked Intestinal Worm (*Nematodirus* spp.), Hookworm (*Bunostomum* spp.), Large Mouthed Bowel Worm (*Chabertia ovinis*), Strongyloides, Nodule and Large Bowel Worms (*Oesophagostomum* spp.), Large Lungworm (*Dictyocaulus* spp.) Small Brown Stomach Worm (*Teladorsagia* (*Ostertagia*) spp.), in sheep and mature (adult only) *Ostertagia* spp. in cattle under 12 months of age. Where *Ostertagia* are the problem in cattle over 12 months of age, COOPERS PARAMAK[®] POUR-ON FOR BEEF AND DAIRY CATTLE is the COOPERS recommended product.

Controls both susceptible and benzimidazole resistant strains of Barber's pole worm (*Haemonchus* species) and Black scour worm (*Trichostrongylus* species) in sheep. Internal parasites may develop resistance to drenches (anthelmintics).

PIGS

NILVERM LV is effective in pigs against sensitive strains of mature and immature Large Roundworms (*Ascaris suum*), Stomach Worm (*Hyostongylus rubidus*), Nodule Worm (*Oesophagostomum dentatum*), Lung Worm (*Metastrongylus* spp.) and mature Kidney Worm (*Stephanurus dentatus*) (NSW and QLD only).

POULTRY

NILVERM LV provides simultaneous treatment of the sensitive strains of the three most important intestinal worms in fowls, turkeys and other birds.

Ask your local veterinary practitioner or animal health adviser for recommended parasite management practices for your area to reduce development of resistance.

If drench (anthelmintic) failure with this preparation is suspected, seek veterinary confirmation and notify the manufacturer. It is advisable that a resistance test be conducted before any parasite treatment is used.

DIRECTIONS FOR USE

Contraindications
This product is contraindicated for use in dogs and horses.

Precautions (sheep and cattle)

Exercise care in handling weak, pregnant and young animals to avoid unnecessary stress. It is desirable to hold pregnant cows and heifers in the yards or a small paddock for 2-3 hours after treatment.

Avoid yarding animals off-feed overnight, and ensure animals have access to water when yarded prior to drenching.

Recommended dose should not be exceeded, except under veterinary supervision.

Side effects (sheep and cattle)

Cattle may show temporary signs of stimulation and friskiness when released from the yards soon after treatment. Other slight side effects of brief duration such as salivation and shivering may be seen.

Dosage and administration (sheep and cattle)

NILVERM LV is given as a drench by mouth in sheep and cattle.

Dose rate (sheep): 1 mL per 10 kg liveweight.

Always dose on a liveweight basis. Check the accuracy of drenching equipment before and during drenching procedures. The following table may be used as a guide.

Liveweight (kg)	Dose (mL)	10 L Pack treats (head)
Up to 10	1	10000
11-20	2	5000
21-30	3	3333
31-40	4	2500
41-50	5	2000
51-60	6	1666
61-70	7	1428
71-80	8	1250

Sheep heavier than 80 kg should be dosed at 1 mL per 10 kg.

A representative sample of animals should be weighed before treatment. Dose the mob to the heaviest animal by liveweight in each group (ewes, wethers, rams, lambs). Do not underdose.

Where there is a large variation in size within the group, dose rate should be based on the label directions for each weight range. Drafting into two or more lines may be appropriate, to avoid excessive overdosing.

Dose rate (cattle): 5 mL per 50 kg liveweight.

The liveweight should be estimated carefully so that the dose can be calculated accurately to ensure optimum efficiency with economy. The following table may be used as a guide.

Liveweight (kg)	Dose (mL)	10 L Pack treats (head)
Up to 50	5	2000
51-100	10	1000
101-150	15	666
151-200	20	500
201-250	25	400
251-300	30	333
301-350	35	285
351-400	40	250
401-450	45	222
451-500	50	200
501-550	55	181
551-600	60	166
601-650	65	153

Cattle heavier than 650 kg should be dosed at 5 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 two or more lines based on bodyweight, to avoid excessive overdosing.

DIRECTIONS FOR USE (pigs)

Restraints

Do not treat in extremely hot weather.

Dosage and administration (pigs)

NILVERM LV may be given as a drench or mixed with the feed. The latter method is more convenient on most occasions.

Dose rates (pigs)

1. Oral drench: 1 mL per 10 kg liveweight.

Liveweight (kg)	Dose (mL)
10	1
11-20	2
21-30	3
31-40	4
41-50	5
51-60	6
61-70	7
71-80	8
81-90	9
91-100	10

Pigs heavier than 100 kg should be treated at the rate of 1 mL per 10 kg liveweight.

- In feed:** Calculate the quantity of NILVERM LV required and measure out carefully. Thus 12 pigs of 40 kg each would weigh a total of 480 kg. At a dose of 1 mL per 10 kg, 48 mL of NILVERM LV would be required. Add the NILVERM LV with sufficient water to just dampen the pellets, crushed grain or mash normally supplied to the pigs for one meal and mix thoroughly.
- In skim milk:** Just add the required amount of NILVERM LV to the milk and mix thoroughly.

General directions (pigs)

It is important that NILVERM LV be consumed quickly by the animals for best results. To achieve this:
Have the pigs slightly hungry by giving a smaller feed than usual the previous evening.
Treat groups of comparable sizes together to avoid the risk of small or weak pigs not receiving their share of medicated feed.

DIRECTIONS FOR USE (poultry)

Restraints

Do not treat in extremely hot weather.

Dosage and administration (poultry)

Mix with drinking water.

Dose rates (poultry)

Treatment	Dose (mL)	Amount of Water to be added (mL)	Liveweight (kg)
1. For treatment of Large Roundworm (Ascaridia galli), Cecal Worm (Heterakis gallinae), and Hairworm (Capillaria spp.)	2	200	6
	4	400	12
	6	600	18
	8	800	24
	10	1000	30
Critical comment: For each additional 30 kg liveweight add 10 mL of NILVERM LV to 1000 mL of water.			
2. For treatment of Large Roundworm (Ascaridia galli) ONLY	1.5	175	5
	2.5	350	10
	5	700	20
	7	1050	30
Critical comment: For each additional 30 kg of liveweight add 7 mL of NILVERM LV to 1050 mL of water.			

General directions (poultry)

Administration of drinking water.

For maximum efficiency against worms, the drinking water medicated with NILVERM LV must be consumed in the shortest possible time. Water should be withheld from the birds 2 hours before nightfall. The required amount of medicated water is then made available, so that the birds can start drinking it at daylight or when the lights are turned on.

Replace the medicated water with fresh water as soon as it is all consumed or after 8 hours. Treat broilers or other chickens raised under continuous lighting by withholding drinking water for 1 hour in summer or 2 hours in winter, and then give medicated water as above.

Medicated water remaining in any tanks or reservoir should be flushed out with fresh water when the treatment is concluded.

For best results with medicated drinking water (poultry)

- Administer NILVERM LV in the drinkers that the birds are accustomed to using and check that all the drinkers are working properly.
- Avoid treating on a day when normal water consumption of a flock might be reduced by a sudden drop in temperature.
- NILVERM LV will not affect the growth rate or egg production of the birds. Nor will it affect the fertility or the hatchability of eggs when used in accordance with directions.

WITHHOLDING PERIODS

SHEEP, CATTLE

MEAT: DO NOT USE less than 3 days before slaughter for human consumption.

MILK: Zero (0) days.

PIGS

MEAT: DO NOT USE less than 3 days before slaughter for human consumption.

POULTRY

MEAT: DO NOT USE less than 7 days before slaughter for human consumption.

EGGS: Zero (0) days.

TRADE ADVICE

SHEEP, CATTLE

EXPORT SLAUGHTER INTERVAL (ESI): DO NOT USE less than 7 days before slaughter for export. Before using this product, confirm the current ESI from Coopers Customer Service on 1800 226 511 or the APVMA website www.apvma.gov.au/residues.

PIGS, POULTRY

EXPORT SLAUGHTER INTERVAL (ESI): An ESI has not been established for this product. Note—observing the meat withholding period may not be sufficient to mitigate potential risks to export trade. Trade advice should be sought from Coopers Customer Service on 1800 226 511 before using this product.

SAFETY DIRECTIONS

Poisonous if swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. Wear rubber gloves.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

Additional information is listed in the safety data sheet.

For further information contact Coopers Customer Service on 1800 226 511.

ENVIRONMENTAL PROTECTION

Do not contaminate dams, rivers, streams or other waterways with the chemical or used container.

DISPOSAL

Triple-rinse container and dispose of rinsate in compliance with relevant local, state or territory government regulations. Do not dispose of undiluted chemicals on-site. If the container has the drumMUSTER logo visible, and has been thoroughly cleaned and dried, and is free of any visible residues, it can be recycled at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be recycled separately with the container. If not recycling, break, crush, or puncture container and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the broken, crushed or punctured containers 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

STORAGE

Store below 30°C (room temperature) in the closed, original container in a well-ventilated area, as cool as possible. Protect from light.

Warranty

Intervet Australia Pty Limited (IAPL), trading as MSD Animal Health, warrants that this product is of merchantable quality and fit for its intended purpose. IAPL's liability for any loss, including consequential losses or injury caused by act or omission, including negligent acts or omissions, by IAPL or its agent, is limited to replacing or repairing the product at the option of IAPL. If possible, a sample of any product causing concern should be retained or delivered to IAPL within 30 days for a scientific examination.

COOPERS ANIMAL HEALTH

Intervet Australia Pty Limited

(trading as MSD Animal Health)

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Bendigo East VIC 3550

Phone: 1800 226 511

APVMA Approval No.: 36152/122309

SEE BELOW FOR BATCH AND EXPIRY

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- ® Yellow (PANTONE® 123) is the predominant colour of Coopers packaging is a registered trademark. PANTONE is a registered trademark of Pantone, Inc.
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GHS Information

Harmful if in contact with skin.
For additional information refer to SDS
(www.coopersanimalhealth.com.au).



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