

Generations of trust.



Triguard®. Australia's most trusted
triple combination sheep drench. #



TRIGUARD[®]

Triple Combination Drench for Sheep

Sheep indications

At the recommended dosage level, TRIGUARD provides treatment and control of the following sheep roundworms, sensitive to at least one of the three antiparasitic components of the product:

Gastrointestinal roundworms

Barber's Pole Worm (*Haemonchus contortus*)*

Small Brown Stomach Worm (*Teladorsagia [Ostertagia] circumcincta*)*

Stomach Hair Worm (*Trichostrongylus axei*)

Black Scour Worm (*Trichostrongylus* spp)

Small Intestinal Worm (*Cooperia* spp)*

Thin Necked Intestinal Worm (*Nematodirus* spp)

Hookworm (*Bunostomum trigonocephalum*)

Intestinal Threadworm (*Strongyloides papillosus*)

Large Bowel Worm (*Oesophagostomum venulosum*)

Large Mouthed Bowel Worm (*Chabertia ovina*)

Nodule Worm (*Oesophagostomum columbianum*)

Whipworm (*Trichuris ovis*)

*including inhibited fourth stage larvae

Lungworm (*Dictyocaulus filaria*)

Also for the control of:

Nasal Bot (*Oestrus ovis*) parasitic larval stages only

Itch Mite (*Psorergates ovis*)

Active constituents

Triple combination drench containing:

ABAMECTIN 1.0 g/L,

OXFENDAZOLE 22.7 g/L,

LEVAMISOLE (as levamisole hydrochloride) 33.9 g/L,

SELENIUM (as sodium selenate) 0.5 g/L and

COBALT (as cobalt disodium EDTA) 2.2 g/L.

Dose rate

1 mL / 5 kg body weight, which provides 0.2 mg abamectin, 4.5 mg oxfendazole, 6.8 mg levamisole (8 mg levamisole hydrochloride), 0.1 mg selenium and 0.44 mg cobalt per kg body weight.

Live weight (kg)	Dose (mL)	5 L pack treats	20 L pack treats
16-20	4	1250	5000
21-25	5	1000	4000
26-30	6	833	3332
31-35	7	714	2856
36-40	8	625	2500
41-50	10	500	2000
51-60	12	416	1666
61-70	14	357	1428
71-80	16	312	1250

Withholding periods

Meat
Withhold Period[^]



Milk
Withhold Period



Export Slaughter
Interval (ESI)[^]



DO NOT USE in ewes, which are producing or may in the future produce milk or milk products for human consumption.

Storage

Store below 30°C (room temperature) away from light.

Pack sizes

5 L backpack and 20 L drum.

TRIGUARD – Generations of Trust

TRIGUARD is a potent triple-active combination sheep drench. Providing a full dose of 3-short acting ingredients, Triguard can help delay the onset of resistance. That's why generations of Australian sheep farmers trust TRIGUARD time after time for broad spectrum parasite control.

Key benefits

- ✓ Combined power of 3 actives together
- ✓ Kills worms resistant to white, clear, or ML drenches
- ✓ High potency with broad spectrum activity
- ✓ Proven stable formulation
- ✓ The added benefits of selenium and cobalt
- ✓ No on-farm mixing
- ✓ Can significantly delay the development of resistance
- ✓ Proven in the field
- ✓ Australia's longest trusted triple active combination sheep drench



Tried and tested under Australian farm conditions

The TRIGUARD formulation has been tested and proven in numerous trials in Australia as well as New Zealand, to control sheep worm populations even where single or dual resistance – including moxidectin resistance – is present in a single worm species.² Producers can be assured of the proven performance of TRIGUARD under Australian farming conditions.

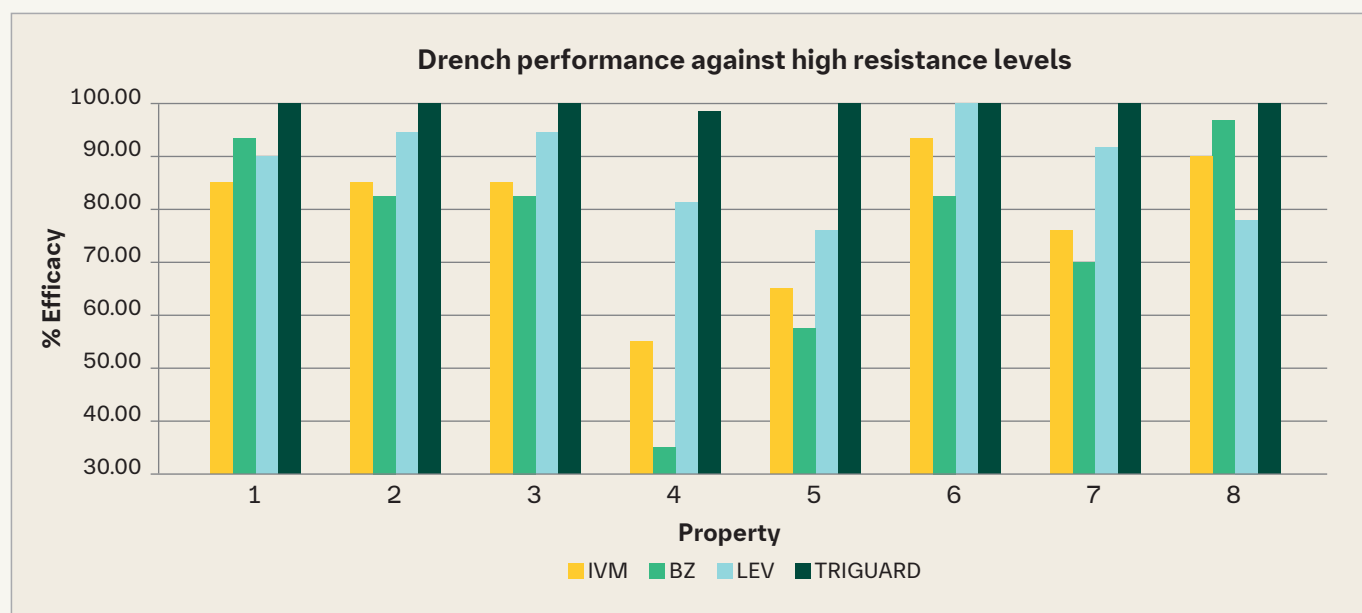
Importance of choosing the right drench

Using products with reduced efficacy reduces productivity. Studies have confirmed that drench resistance costs farmers significant production losses, with reductions of 10% wool growth and 14% reduction in lamb carcass weights.^{2,3}

Choosing the right drench is even more important than ever.

Proven performance

Results have been collected from numerous field trials⁴ where TRIGUARD has been used to treat worm populations with high levels of resistance. Results from these trials are presented below. TRIGUARD was highly effective on all of the properties tested, even when significant ML (including moxidectin), BZ or LEV resistance was present (Graph 1). In fact, TRIGUARD demonstrated an average faecal egg count reduction efficacy of 99.7% across all the properties tested.



Graph 1: Efficacy of TRIGUARD on 8 properties tested where resistance to ML, BZ or LEV was present.

The results from the field trials above demonstrate the ability of TRIGUARD to achieve high efficacy, despite evidence of resistance to all 3 chemical groups (ML, BZ, LEV).

The results reinforce the ability of TRIGUARD to:

- maintain high efficacy, even in the face of significant resistance (including moxidectin) or where resistance status is unknown.
- slow the development of resistance, whether resistance is present already or not.



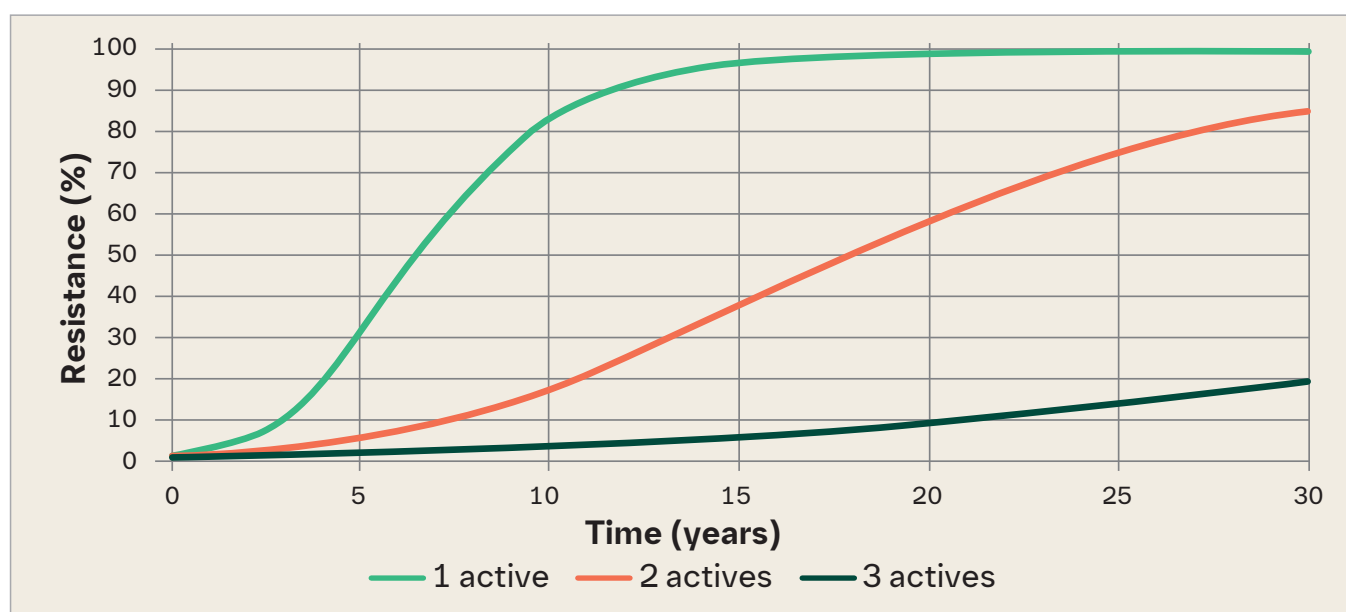
Guarding against resistance

TRIGUARD helps guard against resistance by combining 3 short-acting drenches that are absorbed rapidly, act quickly to kill parasites and then are eliminated quickly. The similarity in persistence ensures each active is protecting the others while worms are exposed to them.

Rotating actives does not delay the development of resistance. Modelling confirms that using a 3-way combination like TRIGUARD does delay the development of resistance.¹

Broad-spectrum activity against resistant worms

With high potency, triple-active protection, TRIGUARD can deliver highly effective worm control over a broad spectrum of worms, even where high levels of resistance are present. TRIGUARD is active against sheep roundworms that have single or dual resistance to the ML (including moxidectin), benzimidazole or imidazothiazole (levamisole) families of chemicals.



Graph 2: A 3-way drench like TRIGUARD delays the development of resistance¹

Why on-farm mixing isn't the same

To guarantee optimal triple-active efficacy and the cross protection from each active, mixing must ensure that throughout the drum the right levels of each active are present in exactly the right proportions needed. To reliably achieve this with on-farm mixing is extremely difficult as any inaccuracies in the addition and mixing process will ensure that this is not the case. As a result, on-farm mixing can lead to relative under- or overdosing of one or more actives.⁵

Variations in operator techniques, estimation of volumes added, time and technique in mixing the drum all contribute to difficulties in producing uniform distribution of actives throughout the drench during on-farm mixing.



For more information call
1800 808 691 or visit your local store.

livestockfirst.com.au

References: 1. Drench Rotation Versus Combinations to Combat Drench Resistance – WormBoss. 2. Besier and Love (2003) Anthelmintic resistance in sheep nematodes in Australia: the need for new approaches. *Australian Journal of Experimental Agriculture* 43, 1383-1391. 3. Sutherland, J. et al. (2010) The production costs of anthelmintic resistance in sheep managed within a monthly preventive drench program. *Veterinary Parasitology* 171, 300-304. 4. Data on File: results from 44 FECRT conducted on separate properties around Australia. 5. Cooper & Farquharson (1989). Mixing of selenium and anthelmintic drench. *NZVJ* 37(2), 85–86.

See product label for full claim details and directions for use. #Ceesa data MAT Q1 2025 Triple combination oral sheep drench doses. *Withhold days. Boehringer Ingelheim Animal Health Australia Pty. Ltd., Level 1, 78 Waterloo Road, North Ryde, NSW 2113 Australia. ABN 53 071 187 285. *Triguard is a registered trademark of the Boehringer Ingelheim Group. All rights reserved. AU-OVI-0016-2025