

## SUPPLY OF SELENIUM AND COBALT SUPPLEMENT

TRIGUARD also includes Selenium and Cobalt supplements to help treat and prevent deficiencies in these minerals in those sheep raised in selenium and/or cobalt deficient areas.

## PROVEN UNDER AUSTRALIAN FARMING CONDITIONS

Merial are the leaders in multi-active drench technology, with expertise and experience in the Australian market since 2003 with TRITON. As with TRITON, the TRIGUARD formulation has been tested and proven in numerous trials in Australia and New Zealand, to control sheep worm populations even where single or dual resistance - including moxidectin resistance - is present in a single worm species.<sup>4</sup>

## MEAT WITHHOLDING PERIOD

MEAT: DO NOT USE less than 14 days before slaughter for human consumption.

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

## EXPORT SLAUGHTER INTERVAL (ESI):

DO NOT use less than 28 days before slaughter for export.

## PACK SIZES

5 L Backpack

15 L Drum



## STANDARD DOSE RATES

TRIGUARD is ready to use via oral administration using any standard drenching equipment#. The sheep dose is 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.

Three powerful actives - delivered with the convenience of one easy dose.

LIVEWEIGHT (KG)	DOSE VOLUME (mL)	5 LITRE PACK TREATS	15 LITRE PACK TREATS
16-20	4	1250	3750
21-25	5	1000	3000
26-30	6	833	2500
31-35	7	714	2142
36-40	8	625	1875
41-50	10	500	1500
51-60	12	416	1250
61-70	14	357	1071
71-80	16	312	937

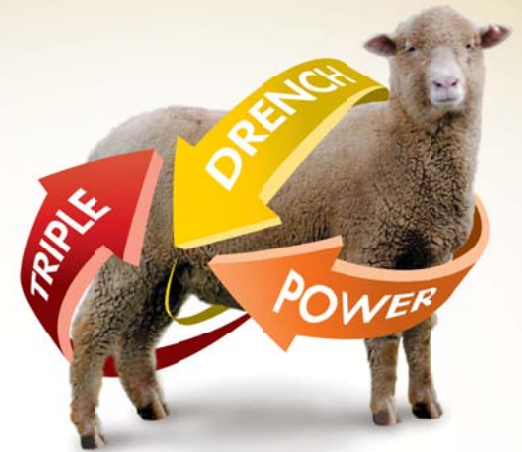
For further information on TRIGUARD, please contact your Merial Territory Manager or call our Technical Hotline on 1800 808 691 or visit [www.merial.com.au](http://www.merial.com.au)

**TRIGUARD**<sup>®</sup>  
TRIPLE COMBINATION DRENCH FOR SHEEP



#See product label for full details. References: 1. Dobson et al (2001). 2. Love (2003). 3. Data on File. 4. Data on File. Merial Australia Pty Ltd, Level 6, 79 George Street, Parramatta NSW 2150 (ABN 53 071 187 285). <sup>®</sup>TRIGUARD is a registered trademark of Merial Limited. <sup>®</sup>TRITON is a registered trademark and <sup>™</sup>Multiphase Technology is a trademark of Argentia Manufacturing Limited. ©2011 Merial Limited. All rights reserved. TRIG-11-004. Adze 4812

# YOUR FIRST LINE OF DEFENCE





Merial (formerly MSD AGVET) has been providing innovative animal health products to Australian agriculture for over 40 years. In 2003 Merial launched the world's first Multiphase Technology™ triple combination sheep drench – TRITON®. By combining the three major broad-spectrum drench families into a single product, it enabled Australian sheep producers to maintain productivity, and importantly – delay resistance.

Now Merial presents **TRIGUARD**, offering the same triple-combination resistance fighting characteristics of TRITON, but now with a potent Abamectin-based triple active formulation. Triple Combination **TRIGUARD** – out in a class of its own.

## GUARDING AGAINST RESISTANCE

As with TRITON - 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 whilst worms are exposed to them.

TRIGUARD combines three broad-spectrum drench families:

- Abamectin (ML)
- Levamisole (clear)
- Oxfendazole (white)

These are combined into a stable, multi-active formulation, acting as an essential tool for managing drench resistance. This maintains productivity now and delays resistance into the future.

Using highly effective combinations is described as the best drench choice for managing resistance.<sup>1,2</sup> Whether a farm has resistance or not, TRIGUARD will always be superior for control of parasites resistant to any of its component groups, used individually or in any combination of two. Also, the chance of further resistance developing to any one of the three actives will be greatly reduced.

## KEY BENEFITS

- ✓ Combined power of 3 actives together
- ✓ No risky on-farm mixing
- ✓ Kills worms resistant to white, clear, or ML drenches
- ✓ Kills moxidectin resistant strains
- ✓ Delays resistance
- ✓ Stable formulation
- ✓ High potency with broad-spectrum activity
- ✓ Proven in the field
- ✓ From the suppliers of TRITON – the leader in multi-active drenches.

## PERFORMANCE

A balance of high efficacy and low persistence makes TRIGUARD an ideal combination of three actives to delay the development of drench resistance.

The high potency of TRIGUARD is achieved through delivery of a full dose of all 3 actives in the right proportions to each treated sheep.

TRIGUARD components do not rapidly settle or separate, unlike some other multi-active drench formulations,<sup>3</sup> so you can rely on the combination of actives being delivered in the right proportions for consistent and reliable dosing to

### Every Sheep, Every Dose, Every Time.

On-farm mixing of the same actives will not achieve the same results every time, as mixing inaccuracies will not provide the right levels of each active in the right proportions needed to guarantee cross-protection of each active.

## ACTIVES

**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

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

## BROAD-SPECTRUM ACTIVITY AGAINST RESISTANT WORMS

With high potency, triple-active protection, TRIGUARD can deliver highly effective worm control even where high levels of resistance are present. And over a broad spectrum of worms.

TRIGUARD is active against sheep roundworms that have single or dual resistance to the ML (including moxidectin), benzimidazole or imidazothiazole (levamisole) families of chemicals.

## 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 Adult and immature gastrointestinal roundworms

Barbers 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*).

