

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

**PASTORAL / AG**™

# **TICKGARD**™

## **DUO**

### **POUR-ON FOR CATTLE**

**ACTIVE CONSTITUENTS: 15 g/L FLUAZURON**  
**5 g/L IVERMECTIN**

For strategic control of the cattle tick,  
*Rhipicephalus microplus*, including strains  
resistant to organophosphates,  
synthetic pyrethroids and  
amidines, in beef cattle.

For the treatment  
and control of  
ivermectin-sensitive  
internal and external  
parasites in beef  
cattle.



**20 L**

PASTORAL AG Tickgard Duo contains fluzaron and ivermectin (a member of the avermectin [macrocyclic lactone] family). It is effective against cattle ticks and ivermectin-sensitive internal and external parasites of beef cattle (listed below).

Resistance may develop to any chemicals.

**PARASITES TREATED AND CONTROLLED BY PASTORAL AG FLUAZURON + IVERMECTIN POUR-ON**

**Cattle tick:**

*Rhipicephalus microplus*

**Gastrointestinal roundworms:**

**For the control of adult and immature (L<sub>4</sub>):**

Small brown stomach worms (including inhibited stages) – *Ostertagia ostertagi*

Barber's pole worm – *Haemonchus placei*

Stomach hair worm – *Trichostrongylus axei*

Intestinal hair worm – *Trichostrongylus colubriformis*

Small intestinal worm – *Cooperia* spp.

Nodule worm – *Oesophagostomum radiatum*, *Oesophagostomum venulosum*

**And adult stages of:**

Whipworm – *Trichuris* spp.

Intestinal threadworm – *Strongyloides papillosus*

**And immature stages of:**

Thin necked intestinal worm L<sub>4</sub> – *Nematodirus* spp.

**Lungworm (adult and immature):**

*Dictyocaulus viviparus*

**Eyeworm (adult stages):**

*Thelazia* spp.

**Sucking and biting lice:**

*Linognathus vituli*

*Haematopinus eurysternus*

*Bovicola (Damalinia) bovis*

*Solenopotes capillatus*

**Mites:**

*Chorioptes bovis*

*Sarcoptes scabiei* var *bovis*

**Buffalo flies:**

*Haematobia irritans exigua*

**PERSISTENT ACTIVITY**

PASTORAL AG Tickgard Duo applied at the recommended dose of 5 mL/50 kg liveweight controls infections of *Haematobia irritans exigua* (buffalo fly) for up to 7 days after treatment.

**DIRECTIONS FOR USE**

**Restraints:**

**DO NOT USE on cows which are producing or may in the future produce milk that may be used or processed for human consumption.**

**Contraindications:**

This product is contraindicated for use on pregnant cows within 6 weeks of calving to avoid handling stress.

**Dosage and Administration:**

Animals and Pest	Bodyweight (kg)	Dose (mL)	No. Treated Per Pack	Critical Comments
Beef cattle Cattle Tick ( <i>Rhipicephalus microplus</i> ), ivermectin-sensitive gastrointestinal roundworms (including inhibited <i>Ostertagia ostertagi</i> ), lungworms, sucking and biting lice, sarcoptic and choriopitic mites, and buffalo fly ( <i>Haematobia irritans exigua</i> ).	101-150	15	1333	1. Retreat when you first see ticks but not before at least 6 weeks after the previous treatment.
	151-200	20	1000	2. Maximum number of treatments per annual tick season: 3.
	201-250	25	800	3. To achieve optimal efficacy, PASTORAL AG Tickgard Duo relies on a combination of absorption through the skin and oral ingestion (via grooming). For oral ingestion it is critical that the product is applied as 2 x 7 cm wide bands, from the shoulder to the rump, that are well separated on either side of the spine. Use an approved PASTORAL AG Tickgard Duo applicator.
	251-300	30	666	4. The weight of cattle should be determined by either scales or a weighband. Dose individuals according to the heaviest animal in the mob. Recommended rate gives 1.5 mg fluzaron and 0.5 mg ivermectin per kg bodyweight of beef cattle. DO NOT underdose.
	301-350	35	571	5. There is no need to treat calves for cattle tick as long as they suckle treated cows. Calves will receive adequate protection from their mother. A reduced length of protection may occur in cows which are suckling calves.
	351-400	40	500	6. PASTORAL AG Tickgard Duo should not be applied to show cattle as a light scurfiness may be visible for some time after treatment.
	401-450	45	444	7. The effect of PASTORAL AG Tickgard Duo is not adversely affected if rain occurs after application.
	451-500	50	400	
	501-550	55	363	
	551-600	60	333	
	601-650	65	307	
	Over 650	5 mL / 50 Kg		

**General Directions:**

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

PASTORAL AG Tickgard Duo treated areas – Introduction of new cattle: Tick infested cattle introduced onto properties where a PASTORAL AG Tickgard Duo treatment regime is in place should be treated with PASTORAL AG Tickgard Duo prior to release.

Handling of Treated Animals: Wear protective clothing recommended under Safety Directions, if handling treated animals within 24 hours of application. To avoid operator contact with PASTORAL AG Tickgard Duo when concurrent treatments are carried out, PASTORAL AG Tickgard Duo should be applied last. For local tick control recommendations contact your local Department of Agriculture.

Cleaning Instructions: After use wash PASTORAL AG Tickgard Duo applicator with detergent and hot water. Dispose of the rinsates in a disposal pit away from desirable plants and their roots and watercourses.

**WITHHOLDING PERIODS**

**MEAT: DO NOT USE less than 28 days before slaughter for human consumption. Calves which have suckled on treated cows must not be slaughtered less than 4 months after the last treatment of these cows.**

**MILK: DO NOT USE on cows which are producing or may in the future produce milk that may be used or processed for human consumption.**

**TRADE ADVICE - EXPORT SLAUGHTER INTERVAL (ESI)**

**DO NOT USE less than 42 days before slaughter for export. Before using this product, confirm the current ESI from the distributor on (03) 5820 8444 or the APVMA website ([www.apvma.gov.au/residues](http://www.apvma.gov.au/residues)).**

**SAFETY DIRECTIONS**

Harmful if swallowed. May irritate the skin. Will irritate the eyes. Avoid contact with eyes and skin. When preparing product for use and using product, wear elbow-length PVC gloves. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

**ADDITIONAL USER SAFETY INFORMATION**

Additional information is listed in the safety data sheet.

**ENVIRONMENTAL PROTECTION**

The product is extremely toxic to aquatic species. 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). Store in original container tightly closed in a dry, cool place. Store out of direct sunlight.

**Cause serious eye irritation.  
May damage fertility or the unborn child.**

Avoid breathing fumes, mists, vapours or spray.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves, protective clothing and eye or face protection.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE or doctor if you feel unwell.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Store in a well-ventilated place. Keep cool.

B:

EXP:

