

Chemicals for controlling paralysis ticks in cattle

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If you have relied on Bayticol Pour-On® to control paralysis ticks in your cattle you need to consider alternatives.

Bayticol Pour-On® is no longer registered, and using this product is now illegal.

There are NO pour-on products registered for the control of paralysis ticks on livestock.

There is now an ear tag registered for paralysis tick control. Obviously for optimum protection calves should be tagged as soon as possible after birth. The manufacturers recommend treatment of both cow and calf with the tag.

There are spray and dipping treatments that can be used but the period of protection will be much shorter than that provided by Bayticol Pour-On®. It is also necessary to wet the entire animal with spray to be effective.

In the case of heavy infestations, regular treatments at intervals as short as 1 week may be needed. For some chemicals, this will mean careful management of withholding periods (WHPs) and export slaughter intervals (ESIs) to avoid unacceptable residues. Some labels prescribe minimum retreatment times.

Use the correct safety equipment and dispose of containers and unused chemical as recommended by the manufacturer.

Do not use ANY chemical which is not registered or permitted for the control of paralysis tick. Using a non-registered chemical or 'home remedy' could cause unacceptable residues in meat and put beef exports at risk.

[Table 1](#) (see page 2) lists chemicals registered for control of paralysis tick as at 30 November 2005. Please check with your supplier that the chemical you choose is still registered.

For details on property management options aimed at reducing the chances of calves picking up ticks see [Agnote DAI-267 Paralysis ticks](#).

Further advice

For more advice, contact your District Veterinarian, private veterinarian or NSW DPI Livestock Advisory Officer.

Disclaimer: The product trade names in this publication are supplied on the understanding that no preference between equivalent products is intended and that the inclusion of a product name does not imply endorsement by NSW DPI over any equivalent products from another manufacturer.

Always read the label

Users of agricultural chemical products *must always* read the label and any permit before using the product, and strictly comply with the directions on the label and the conditions of any permit. Users are not absolved from compliance with the directions on the label or the conditions of the permit by reason of any statement made or not made in this publication.

See Table 1 next page.



Table 1. Chemicals registered and available in NSW for control of paralysis tick (*Ixodes holocyclus*) at 30 November 2005

Product name	Mode of application	Active ingredient	Treatment interval	WHP	ESI
Amitraz EC	spray	amitraz	7–10 days	nil	nil
Taktic EC	spray	amitraz	7–10 days	nil	nil
Coopers Amitik EC	spray	amitraz	7–10 days	nil	nil
Coopers Amitik	dip and spray	amitraz	7–10 days	nil	nil
Taktic WP	dip and spray	amitraz	7–10 days	nil	nil
Barricade 'S'	dip and spray	cypermethrin chlorfenvinphos	10 days minimum	8 days*	21 days
Coopers Blockade 'S'	dip and spray	cypermethrin chlorfenvinphos	10 days minimum	8 days*	21 days
Bayticol Cattle Dip and Spray	dip and spray	flumethrin	10 days	nil	nil
Y-TEX Python insecticidal cattle ear tags	ear tag	zeta cypermethrin	Aids in control up to 42 days	nil	nil

* Not suitable for use on cattle producing milk for human consumption.
WHP = withholding period
ESI = export slaughter interval

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Disclaimer: The information contained in this publication is based on knowledge and understanding at the time of writing (December 2005). However, because of advances in knowledge, users are reminded of the need to ensure that information upon which they rely is up to date and to check currency of the information with the appropriate officer of New South Wales Department of Primary Industries or the user's independent adviser.