

## Use of Trojan<sup>®</sup> insecticide in Pasture and Lucerne

Australia's red meat markets demand that Australian produce be free of unacceptable chemical residues.

Australia's ability to meet these demanding standards underpins its excellent agricultural and food safety reputation.

To ensure Australian red meat products are safe for human consumption, the Australian Pesticides and Veterinary Medicines Authority (APVMA) has established and maintains a series of **Withholding Periods, Export Slaughter Intervals** and **Export Grazing Intervals**.

**WHP:** The Withholding Period (WHP) is the minimum period following application of a pesticide to harvesting or use of the animal or crop commodity for human consumption. WHPs are mandatory for domestic slaughter and are on the label of every registered product.

**ESI:** An Export Slaughter Interval is the minimum time that stock must spend on an alternative untreated feed source before slaughter for export purposes, after grazing on a crop or pasture that has been treated with a chemical.

**EGI:** An Export Grazing Interval is the minimum period that must elapse between the application of a chemical and slaughter of the stock, where grazing has continued on the crop/pasture.

As the most recent pyrethroid insecticide to market, Trojan<sup>®</sup> aligns with all regulatory requirements set by the APVMA and Meat and Livestock Australia for trade risk against modern regulatory standards.

Other products on the market may have older labels that do not state the ESI and EGI requirements, meaning that producers using Trojan<sup>®</sup> have certainty over what they are required to do with their export animals.

In their Livestock Residues manual, one of the key priority areas **SAFEMEAT** provides advice and direction into is specifically related to residues.

**The SAFEMEAT Livestock Residues manual shows the ESI and EGI for pasture treated with various synthetic pyrethroids. There is very little difference between insecticide options.**

Recommended export intervals for alpha-cypermethrin products registered only for Wingless grasshopper control are:

Chemical	Export Animal Feed Interval	Export Slaughter Interval	Export Grazing Interval
Alpha-cypermethrin	No data available	42 days	56 days

Recommended export intervals for synthetic pyrethroid products permitted to be used for Australian plague locust control are:

Chemical	Export Slaughter Interval	Export Grazing Interval
Lambda-cyhalothrin	42 days	56 days
<b>Gamma-cyhalothrin</b>	<b>42 days</b>	<b>56 days</b>
Beta-cyfluthrin	42 days	56 days
Alpha-cypermethrin	42 days	56 days
Cypermethrin	63 days	No data available

Source: SAFEMEAT Plague locusts, Wingless grasshoppers and livestock residues brochure



## Why use Trojan®? The real question is why not?

Features	Benefits
Less Pyrethroid Face Burn (Paraesthesia)	<ul style="list-style-type: none"> <li>• Only S5 pyrethroid on the market*</li> <li>• Significantly reduced risk of face burn (paraesthesia)</li> <li>• Class leading re-entry i.e. immediately after spray has dried without any PPE requirement</li> </ul>
Low Dose Rate	<ul style="list-style-type: none"> <li>• Typically 1/10th of those for alpha-cypermethrin 100 EC or Sumi-Alpha™ Flex which means several 20 L containers can be replaced with just one 5 L pack of Trojan®</li> <li>• 5 litres can treat up to 625 ha</li> <li>• Reduced cost of transport and storage</li> </ul>
Small Packs	<ul style="list-style-type: none"> <li>• 1 L and 5 L containers are easy to handle</li> <li>• WH&amp;S benefit as the smaller quantities are easier to handle</li> </ul>
Short Withholding Periods	<ul style="list-style-type: none"> <li>• Short withholding periods, allows use closer to harvest</li> <li>• Beneficial when treating Grain legumes and Canola for Native budworm close to harvest</li> </ul>
Excellent Crop Safety	<ul style="list-style-type: none"> <li>• Low solvent load in formulation</li> </ul>
Broad Spectrum Control	<ul style="list-style-type: none"> <li>• Excellent control of establishment pests</li> <li>• Comprehensive range of pests on the label</li> </ul>
Registered on Target Crop	<ul style="list-style-type: none"> <li>• Broad label claims</li> <li>• Registered on key crops and pastures, including Lentils and Vetch</li> </ul>
Excellent Tank Mix Compatibility	<ul style="list-style-type: none"> <li>• Excellent tank mix compatibility with herbicides, fungicides, trace elements and UAN</li> </ul>
Advanced Microcapsule Formulation	<ul style="list-style-type: none"> <li>• 30-minute rainfastness, the shortest in the market*</li> <li>• Controlled release leading to extended residual control</li> </ul>

For further information on the use of Trojan® in pastures and Lucerne, please visit [fmccrop.com.au/Trojan](http://fmccrop.com.au/Trojan)

\* Based on available data in October 2020

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An Agricultural Sciences Company



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