



**Australian Government**  
**Australian Pesticides and  
Veterinary Medicines Authority**

**PERMIT TO ALLOW EMERGENCY USE  
OF A REGISTERED AGVET CHEMICAL PRODUCT**

**PERMIT NUMBER – PER12332**

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agvet Codes of the jurisdictions set out below. This permit allows a person, as stipulated below, to use the product in the manner specified in this permit in the designated jurisdictions. This permit also allows any person to claim that the product can be used in the manner specified in this permit.

**THIS PERMIT IS IN FORCE FROM 24 SEPTEMBER 2010 TO 31 AUGUST 2011.**

**Permit Holder:**

HORTICULTURE AUSTRALIA LTD  
c/- AGAWARE CONSULTING PTY LTD  
21 Rosella Avenue  
STRATHFIELDSAYE VIC 3551

**Persons who can use the product under this permit:**

Persons generally.

## CONDITIONS OF USE

### Products to be used:

CONQUEST CHLORPYRIFOS 500 INSECTICIDE  
LORSBAN 500 EC INSECTICIDE  
NUFARM CHLORPYRIFOS 500 EC INSECTICIDE  
DAVID GRAYS CHLORPYRIFOS 500  
PLUS other registered products  
Containing: 500 g/L CHLORPYRIFOS as their only active constituent.

FYFANON 440 EW INSECTICIDE  
PLUS other registered products  
Containing: 440 g/L MALDISON as their only active constituent.

NUFARM MALDISON 500 INSECTICIDE  
PLUS other registered products  
Containing: 500 g/L MALDISON as their only active constituent.

FYFANON 1000 EC INSECTICIDE  
PLUS other registered products  
Containing: 1000 g/L MALDISON as their only active constituent.

HY-MAL INSECTICIDE  
PLUS other registered products  
Containing: 1150 g/L MALDISON as their only active constituent.

**Directions for Use:**

Crops	Pest	Rate	Critical Use Comments
<p><b>TREE NUTS</b> Including: almonds, chestnuts hazelnuts, macadamias pecans, pistachio and walnuts</p>	<p><b>AUSTRALIAN PLAGUE LOCUST</b> (<i>Chortoicetes terminfera</i>)</p>	<p><u>Chlorpyrifos 500 g/L product:</u> 350 ml/ha</p> <p><u>Maldison 440 g/L product:</u> 1.4 or 1.9 L/ha</p> <p><u>Maldison 500 g/L product:</u> 1.2 or 1.7 L/ha</p> <p><u>Maldison 1000 g/L product:</u> 600 or 850 ml/ha</p> <p><u>Maldison 1150 g/L product:</u> 520 or 750 ml/ha</p>	<p><b><u>All Tree nuts:</u></b></p> <p>Apply to pasture, soil, crop edge or inter row ONLY using ground-based boom spray rig or equivalent application equipment.</p> <p>Concentrate on spraying large pest numbers at the nymph stage, commonly located in roadside areas and headlands.</p> <p>Use the lower rates for small hoppers and the higher rates for large hoppers and adults.</p> <p>DO NOT use misters or aerial application.</p> <p>DO NOT spray tree foliage or spray in close proximity to tree apron.</p> <p>DO NOT spray near beehives or if bees are foraging.</p> <p>If grazing is to occur in treated areas, the withholding periods outlined below must be observed.</p> <p><b>Hoppers</b> – spray (ground only) a swath in advance of marching band and then spray along the dense marching front. Continue spraying until all hoppers have been contacted.</p> <p><b>Adults</b> – spray (ground only) area in and around crop infested with locusts.</p> <p>Repeat applications as necessary.</p> <p><b><u>Almonds, Pecans, Pistachio and Walnuts:</u></b> DO NOT apply to the orchard floor between the beginning of hull split and end of the harvest period.</p> <p><b><u>Chestnuts:</u></b> DO NOT apply to the orchard floor between the beginning of burr split and end of the harvest period.</p> <p><b><u>Hazelnuts:</u></b> DO NOT apply to the orchard floor if shells have cracked or between the beginning of nut fall and end of the harvest period.</p> <p><b><u>Macadamia:</u></b> DO NOT apply to the orchard floor between the beginning of nut fall and end of the harvest period.</p>

**Jurisdiction:**

ACT, NSW, NT, QLD, SA, TAS, WA

Note: Victoria is not included in this permit because their ‘control-of-use’ legislation means that a permit is not required to legalise this off-label use.

## **WITHHOLDING PERIODS** **(HARVEST, GRAZING, EXPORT INTERVALS)**

### **HARVEST (ALL CROPS)**

**CHLORPYRIFOS**: DO NOT HARVEST FOR 30 DAYS AFTER APPLICATION.

Note: This withholding period is enforced where chlorpyrifos products are used to spray the orchard floor (i.e. inter-rows only). A withholding period does not apply where spray treatment is restricted to the perimeter of the orchard (i.e. perimeter fence lines, roadside verges and headlands). The critical use comments listed in Directions for Use for spray treatment of the orchard floor must be adhered to where the specified period exceeds 30 days.

**MALDISON**: NOT REQUIRED WHEN USED AS DIRECTED.

### **GRAZING TREATED AREAS FOR DOMESTIC & EXPORT MARKETS & FOR LIVESTOCK PRODUCING MILK FOR HUMAN CONSUMPTION**

#### **LIVESTOCK DESTINED FOR THE DOMESTIC MARKET & LIVESTOCK PRODUCING MILK FOR HUMAN CONSUMPTION:**

**CHLORPYRIFOS & MALDISON**: DO NOT GRAZE OR CUT FOR STOCK FOOD TREATED AREAS FOR TWO (2) DAYS AFTER APPLICATION.

#### **OR**

If over-spraying of grazing livestock is unavoidable and does occur, withhold stock from slaughter until the Export Grazing Interval (EGI) or Export Slaughter Interval (ESI) is met.

#### **LIVESTOCK DESTINED FOR EXPORT MARKETS:**

The above withholding periods for grazing or cutting for stock food only applies to stock slaughtered for the domestic market. Some export markets apply different standards. To meet these standards, ensure that the Export Slaughter Interval (ESI) or the Export Grazing Interval (EGI) stated below for the relevant chemical product used is observed before stock are sold or slaughtered.

#### **EXPORT SLAUGHTER INTERVALS<sup>1</sup> (ESI):**

**CHLORPYRIFOS**: Livestock that have been grazing on or fed treated material from treated areas and/or over-sprayed with products containing chlorpyrifos should be placed on clean feed for 56 days (8 weeks) prior to export slaughter.

#### **EXPORT GRAZING INTERVAL<sup>2</sup> (EGI):**

**CHLORPYRIFOS**: Livestock that have been grazing on treated crops and/or over-sprayed with products containing chlorpyrifos should not be sold for export slaughter for 56 days (8 weeks) after application of the chemical product, unless the Export Slaughter Interval has been observed.

No ESI or EGI are available for areas treated with MALDISON and livestock management MUST adhere to the requirements of the above withholding periods.

*Note 1. The ESI is the minimum period that must elapse between removal of grazing livestock to clean pasture or clean feed and slaughter.*

*Note 2. The EGI is the minimum period that must elapse between the application of the chemical product and slaughter of the stock, where grazing has continued on the crop from the time that the chemical product was applied.*

## ADDITIONAL INFORMATION:

These chemicals may persist on dry pasture (or in harvested and stored animal feed, e.g. hay) for long periods. Livestock fed on pastures that were treated when drying off or while dry, may have residues at levels unacceptable to our overseas markets. Similarly, feeds harvested from pastures or crops treated when drying off or while dry, may have unacceptable levels of residues. The pasture, or crop, must be regarded as contaminated until such time as there has been substantial re-growth (i.e. following good rains or the autumn break).

Livestock grazing or receiving contaminated feed should be managed in accordance with the Export Intervals described above. If further advice is required, contact your local State Department of Agriculture or Primary Industries, or the Australian Pesticides and Veterinary Medicines Authority (APVMA).

## **VENDOR DECLARATION:**

Vendors may use Question 9 on the NVD (Cattle) or Question 7 on the NVD (Sheep) to confirm to buyers that the stock have been managed in accordance with the requirements of Permit PER12332.

## **Additional Conditions:**

THIS PERMIT provides for the use of a product in a manner other than specified on the approved label of the product. Unless otherwise stated in this permit, the use of the product must be in accordance with instructions on its label, including:

- Mixing
- Application
- Protection of Livestock
- Protection of Wildlife, Fish, Crustacea & Environment
- Restraints
- Storage & Disposal
- Safety Directions
- First Aid

PERSONS who wish to prepare for use and/or use the products for the purposes specified in this permit must read, or have read to them, the permit particularly the information included in Details of permit and Conditions of Permit.

Issued by

Delegated Officer