



**PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT
FOR THE CONTROL OF AUSTRALIAN PLAGUE LOCUST
IN TREE NUT ORCHARDS**

PERMIT NUMBER - PER13642

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 1 SEPTEMBER 2012 TO 30 JUNE 2025.

Permit Holder:

AUSTRALIAN NUT INDUSTRY COUNCIL
C/O Horticulture Innovation Australia Limited
87 Wickham Terrace
Spring Hill, QLD 4000

Persons who can use the product under this permit:

Persons generally

CONDITIONS OF USE

Product 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
TREE NUTS Including: almonds, chestnuts hazelnuts, macadamias pecans, pistachio and walnuts	AUSTRALIAN PLAGUE LOCUST <i>(Chortoicetes terminfera)</i>	<u>Chlorpyrifos 500 g/L product:</u> 350 mL/ha <u>Maldison 440 g/L product:</u> 1.4 or 1.9 L/ha <u>Maldison 500 g/L product:</u> 1.2 or 1.7 L/ha <u>Maldison 1000 g/L product:</u> 600 or 850 ml/ha <u>Maldison 1150 g/L product:</u> 520 or 750 mL/ha	<p><u>All Tree nuts:</u></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>Hoppers – 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>Adults – spray (ground only) area in and around crop infested with locusts.</p> <p>Repeat applications as necessary.</p> <p><u>Almonds, Pecans, Pistachio and Walnuts:</u> DO NOT apply to the orchard floor between the beginning of hull split and end of the harvest period.</p> <p><u>Chestnuts:</u> DO NOT apply to the orchard floor between the beginning of burr split and end of the harvest period.</p> <p><u>Hazelnuts:</u> 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><u>Macadamia:</u> 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 only.

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 INTERVALS¹ (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 INTERVAL² (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 PER13075.

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 the Australian Pesticides and Veterinary Medicines Authority

Version 2: issued 24/4/15 extending expiry date until 30 June 2025 to align duration with other current locust eradication permits