

CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Nufarm
ADONIS[®] 3UL

Insecticide

ACTIVE CONSTITUENT: 3 g/L FIPRONIL

GROUP 2C INSECTICIDE

For the control of locusts and grasshoppers in pasture and sorghum
as specified in the Directions for Use.

Contents:
50 Litres
200 Litres
1000 Litres

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APVMA Approval No.58885/50L/0307
APVMA Approval No.58885/200L/0307
APVMA Approval No.58885/1000L/0307



DIRECTIONS FOR USE:

Restraint: DO NOT apply in small field treatments or mixed crop situations.

CROP	PEST	RATE /ha	WHP	CRITICAL COMMENTS
Pasture, Sorghum	Australian plague locust (<i>Chortoicetes terminifera</i>) Spur-throated locust (<i>Austracris guttulosa</i>) Migratory Locust (<i>Locusta migratoria</i>) Wingless grasshopper (<i>Phaulacridium vittatum</i>) Small plague grasshopper (<i>Austroicetes cruciata</i>)	420 mL	14 days (H, G)	<p>Dangerous to bees. Refer to PROTECTION OF LIVESTOCK.</p> <p>Apply undiluted by aircraft through ULV spray units as a spray directly onto locusts. Ensure thorough coverage of foliage. Residual control of these pests provided by Adonis 3UL will vary with conditions. Rainfall will significantly reduce residual control. Residual control will also be reduced when applied directly to bare earth.</p> <p>Where inaccessibility prevents direct spraying of locusts, apply as a barrier treatment (minimum 25 m wide) ahead of advancing hopper bands.</p> <p>DO NOT retreat for 14 days following application.</p> <p>DO NOT apply Adonis 3UL to wet foliage. Adonis 3UL is rainfast after drying on foliage (1 hour). Respray only if rain falls before spray is dry on crop.</p> <p>Mortality will increase to a maximum over a period of 3-15 days after spraying.</p> <p>Speed of kill varies with locust species, temperature and age of adults. Fully mature, adult spur-throated locusts may show symptoms of debilitation 4-48 hours after spraying but in cool weather may take up to 14 days to die. Feeding ceases when debilitation symptoms appear.</p> <p>See also General Instructions.</p> <p><u>For Small Plague Grasshopper</u></p> <p>Spray when numbers of grasshoppers are greater than 5/m² or 5 bands/km². Target small plague grasshoppers between 3rd instar and adult stages.</p>

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

WITHHOLDING PERIODS: (H) = harvest, (G) = grazing

PASTURE: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.

SORGHUM: DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.

LIVESTOCK WITHHOLDING PERIOD:

WITHHOLD STOCK FROM SLAUGHTER FOR 21 DAYS AFTER APPLICATION, WHERE STOCK WERE PRESENT IN CROP OR PASTURE AT TIME OF APPLICATION.

GENERAL INSTRUCTIONS:

ADONIS 3UL may be used to control adults and/or hoppers. ADONIS 3UL is effective through both ingestion and contact.

APPLICATION

Ensure thorough coverage of foliage and visible hoppers.
Nufarm ADONIS 3UL is intended for incremental drift spray application for efficient treatment of large areas. Spray release should be at 8-10m height from an aircraft flying on 100m track spacing at 90° to wind blowing at 2-8m/sec.
DO NOT apply ADONIS 3UL in static or unstable air conditions.
If wind is near 8m/sec. reduce flying height to 5m.

INSECTICIDE RESISTANCE WARNING:

GROUP 2C INSECTICIDE

For insecticide resistance management Nufarm ADONIS 3UL is a Group 2C insecticide. Some naturally occurring insect biotypes resistant to ADONIS 3UL and other Group 2C insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if ADONIS 3UL or other Group 2C insecticides are used repeatedly. The effectiveness of ADONIS 3UL on resistant individuals could be significantly reduced. Since the occurrence of resistant individuals is difficult to detect prior to use, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of ADONIS 3UL to control resistant insects.

ADONIS 3UL may be subject to specific resistance management strategies. For further information contact your local supplier, Nufarm representative or local agricultural department agronomist.

PRECAUTIONS

Re-entry period

DO NOT allow entry into treated areas until spray has dried. When prior entry is necessary, wear personal protective equipment as specified in the Safety Directions. Clothing must be laundered after each day's use.

Human flaggers, if used in aerial spraying operations, must be protected by enclosed cabs.

PROTECTION OF CROPS, NATIVE AND OTHER NONTARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby non-target plants/crops, cropping lands or pastures.

PROTECTION OF LIVESTOCK

Dangerous to bees. DO NOT apply where bees from managed hives are known to be foraging, and crops, weeds or cover crops are in flower at the time of spraying, or are expected to flower within 28 days (7 days for pastures and sorghum).

Before spraying, notify beekeepers to move hives to a safe location with an untreated source of nectar, if there is potential for managed bees to be affected by the spray or spray drift. If an area has been sprayed inadvertently, in which the crop, weeds or cover crop were in flower or subsequently came into flower, notify beekeepers in order to keep managed bees out of the area for at least 28 days (7 days for pastures and sorghum) from the time of spraying. Where the owner of managed hives in the vicinity of a crop to be sprayed is not known, contact your State Department of Primary Industries/Agriculture, citing the registration number, for assistance in contacting the owner.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers. DO NOT spray across open bodies of water. Highly toxic to fish and aquatic organisms. This product will kill susceptible non-target invertebrates, including beneficial species, if they are exposed to drift.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

Refillable containers (1000L only) :

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Will irritate eyes. Avoid contact with eyes. When opening the container and preparing spray, wear elbow-length PVC gloves. 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**.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet (MSDS).

CONDITIONS OF SALE

Nufarm Australia Limited ('Nufarm') shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale, supply, use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Nufarm's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Nufarm has any authority to add to or alter these conditions.

In case of emergency: Phone 1800 033 498

Ask for shift supervisor. Toll free 24 hours.

Batch Number:

Date of Manufacture:

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Drum Muster

Barcode