

POISON

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



Amitraz Duo Insecticide

ACTIVE CONSTITUENT: 200 g/L AMITRAZ
Solvent: 681 g/L LIQUID HYDROCARBONS

GROUP	19A	INSECTICIDE
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For the Control of Heliothis on Cotton as listed in the directions for use table

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

Contents: 20L
(10L, 110L, 200L, 1000L)

Genfarm Crop Protection Pty Ltd
Suite 2, Level 3, 64 Talavera Road,
Macquarie Park,
NSW, 2113
Tel: (02) 9889 5400

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Immediately and thoroughly close part used containers to avoid deterioration of product.

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 500mm 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.

For refillable containers (110L, 1000L), empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

May irritate the eyes and the skin. Avoid contact with eyes and skin. Do not inhale spray mist. When preparing spray or using prepared spray, wear cottoned overalls buttoned to the neck and wrist, washable hat, elbow length PVC gloves and face shield. If product on skin, immediately wash area with soap and water. After use and before eating, drinking, or smoking wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia: 13 11 26). If swallowed, do NOT induce vomiting. Give a glass of water.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet (MSDS) which can be obtained from the supplier.

CONDITIONS OF SALE

The use of this product is beyond the control of Genfarm Crop Protection Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Genfarm Crop Protection Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Genfarm Crop Protection Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

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24 hours Australia wide.**

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Batch Number:

DOM:

APVMA Approval No: 61415/10L/1106
 61415/20L/1106
 61415/110L/1106
 61415/200L/1106
 61415/1000L/1106

Bar Codes 10L - 933 537 100 208
 20L - 933 537 100 209
 110L - 933 537 100 210
 200L - 933 537 100 211
 1000L - 933 537 100 212

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Genfarm

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DIRECTIONS FOR USE: (for use in Qld, NSW and WA only)

CROP	PESTS	RATE	CRITICAL COMMENTS
Cotton	Heliothis (<i>Helicoverpa</i> spp., bollworm, native budworm	2.0 L/ha plus the registered rate of a compatible heliothis larvicide	Apply Genfarm Amitraz Duo Insecticide as an ovicide mixed with a larvicide when eggs and very small larvae are detected. Repeat treatments at 5 to 7 day intervals, or when necessary, as indicated by regular crop checking. Genfarm Amitraz Duo Insecticide will also provide suppression of mites, when used in a spray program.

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

Withholding Period: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.

GENERAL INSTRUCTIONS:

Genfarm Amitraz Duo Insecticide must always be mixed with the registered rate of a compatible larvicide. The product may be used either in a water-based low-volume, or ultra low volume application.

Insecticide Resistance Warning

GROUP	19A	INSECTICIDE
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For insect resistance management Genfarm Amitraz Duo Insecticide is a group 19A Insecticide.

Some naturally occurring insect biotypes resistant to Genfarm Amitraz Duo Insecticide and other group 19A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Genfarm Amitraz Duo Insecticide or other Group 19A insecticides are used repeatedly. The effectiveness of Genfarm Amitraz Duo Insecticide on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Genfarm Crop Protection Pty Ltd accepts no liability for any losses that may result from the failure of Genfarm Amitraz Duo Insecticide to control resistant insects

The user should seek advice, and monitor the performance, and if the results are not in accordance with expectations, contact the manufacturer immediately. Apparent resistance however, should not be confused with poor application, coverage or timing techniques.

Genfarm Amitraz Duo Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier, Genfarm Crop Protection Pty Ltd representative or local agricultural department agronomist.

Export of treated produce

Growers should note that suitable MRL's or import tolerances may not be established in all markets for produce treated with Genfarm Amitraz Duo Insecticide. If you are growing produce for export, please check with Genfarm Crop Protection Pty. Ltd. For the latest information on MRL's and import tolerances BEFORE using Genfarm Amitraz Duo Insecticide.

Mixing

Applied with water:

Part fill the spray tank with water and then, with the agitator running, add the Genfarm Amitraz Duo Insecticide. Add the compatible larvicide, and complete filling the tank. Use prepared spray mixture immediately.

DO NOT allow to stand overnight.

Applied ULV:

Fill the required volume of Genfarm Amitraz Duo Insecticide directly into aircraft hopper or mix vat and with agitation operating add the required volume of a compatible larvicide. Use prepared spray mixture immediately. **DO NOT allow to stand overnight.** DO NOT add water. In ULV mixtures, it is essential that no water be present in the spray system.

Application and Equipment

Accurate placement and good foliar coverage are essential. Note: Insect control could be diminished if rain falls within 6 hours of application. When mixed with Endosulfan ensure that all Endosulfan label recommendations are strictly adhered to.

Ground Spray

Standard low volume boom or high volume equipment may be used. Apply in a minimum total volume of 80L/ha.

Aircraft

Applied with water - Genfarm Amitraz Duo Insecticide may be applied by aircraft using water as a carrier. Apply in a minimum total volume of 20L/ha.

Applied ULV - Genfarm Amitraz Duo Insecticide may also be used without dilution in a mixture with some ULV products as listed under "Compatibility". A minimum total spray volume of 3.0 L/ha should be applied ULV. For example, where the mixing partner is Deltamethrin duo Insecticide, the addition of a Cotton Spray Oil as a bulking agent will be required.

Genfarm Amitraz Duo Insecticide must only be applied by aircraft fitted with accurately calibrated ULV equipment, e.g. Micronair AU 5000 atomisers. To minimise drift it is essential to produce a suitable spray droplet diameter (volume mean diameter) by controlling the rotational speed of the atomisers. It is recommended that the application parameters in terms of plane speed and blade angle settings are adjusted to deliver a maximum rotational speed of 3000 rpm and a resultant droplet diameter of approximately 100 microns. Rotational speed of the atomisers can be measured by the fitment and maintenance of transducers.

Compatibility

Applied with water

This product is compatible with Endosulfan 350 EC, Deltamethrin duo, Profenofos 500 EC, Mepiquat, Omethoate, Thiodicarb 375 SC, and Bifenthrin 100 EC. Combinations with Thiodicarb 375 SC should be used within 6 hours of mixing.

Applied ULV

This product is compatible with Deltamethrin, Thiodicarb 350 LV, Profenofos and methyl parathion.

Precautions

Re-entry Period

Do not allow entry into treated areas until the spray deposits have dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and elbow-length PVC gloves. Clothing must be laundered after each day's use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

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

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers. Toxic to fish. The empty container must not be reused for any other purpose.

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