



The miracles of science™

DuPont™ Acelepryn®

INSECTICIDE

Technical Information

Active Constituent:
200 g/L CHLORANTRANILIPROLE

Pack Sizes:
750 mL

GROUP	28	INSECTICIDE
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READ SAFETY DIRECTIONS BEFORE OPENING OR USING

For the control of African black beetle, Argentinian scarab, Argentine stem weevil, Billbugs and other insect pests in turf as per the Directions for Use

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.

GENERAL INSTRUCTIONS

DuPont™ Acelepryn® insecticide is an anthranilic diamide insecticide in the form of a suspension concentrate. DuPont™ Acelepryn® insecticide delivers excellent preventative performance, with optimal results achieved with application early in the season (mid Sept) with the appearance of over-wintering adult pests. The long residual performance of DuPont™ Acelepryn® insecticide will provide up to 6 months protection at the higher application rates. Curative control with DuPont™ Acelepryn® insecticide on pest outbreaks later in the season (mid Dec onwards) can be achieved using the higher recommended application rates.

INSECTICIDE RESISTANCE WARNING

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For insecticide resistance management DuPont™ Acelepryn® insecticide is a Group 28 insecticide.

Some naturally occurring insect biotypes resistant to Acelepryn® and other Group 28 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Acelepryn® and other Group 28 insecticides are used repeatedly. The effectiveness of Acelepryn® on resistant individuals could be significantly reduced. Since the occurrence of resistant individuals is difficult to detect prior to use DuPont accepts no liability for any losses that may result from the failure of Acelepryn® to control resistant insects.

Acelepryn® may be subject to specific resistance management strategies. To help prevent the development of resistance to Acelepryn®, use Acelepryn® in accordance with the current Insecticide Resistance Management (IRM) strategy for your region. For further information contact your farm chemical

supplier, consultant, local Department of Agriculture or Primary Industries, or local DuPont Representative.

SPRAY TIMING

African black beetle/Argentinean scarab:

DuPont™ Acelepryn® insecticide may be applied from Spring onwards for preventative control of these species infesting turfgrass. The need for an application may be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods.

Argentine stem weevil/Bill bugs:

DuPont™ Acelepryn® insecticide should be applied when over-wintered adults are first observed in early Spring (mid-Sept) to prevent damage in late Spring. An application at this time will also give excellent control of African black beetle.

Caterpillars:

DuPont™ Acelepryn® insecticide will provide excellent curative caterpillar control in turfgrass and should be applied when pests/damage is observed.

MIXING

Fill spray tank to ¼ to ½ full of water. Measure the amount of Acelepryn® required for the area to be sprayed. Add Acelepryn® directly to the spray tank with the agitation engaged. Mix thoroughly to disperse the insecticide. Once dispersed, the material must be kept in suspension at all times by continuous agitation. Use mechanical or hydraulic means, **DO NOT** use air agitation, premix or slurry.

If spray solution is left standing, ensure thorough reagitation of the spray mix until fully resuspended. **DO NOT** allow spray mix to sit overnight, as resuspension may be difficult.

APPLICATION

- Apply extremely coarse droplets using nozzles such as Turbo Floodjet (TF5) or Turfjet (TTJ10).
- Spray with at least 400 L of water/ha to ensure even coverage.
- The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.
- Note that the amount of product specified in the Directions for Use table is per hectare of product. You will need to determine your spray rate per hectare before deciding on the amount of product to add to the tank.
- For optimal control, irrigate with approx 6 mm of water immediately after application (except where treating for caterpillars, when irrigation and mowing should be delayed for 24 hours).

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour at the application site.

DO NOT apply when there are aquatic and wetland areas including aquacultural ponds or surface streams and rivers downwind from the application area and within the mandatory no-spray zone of 10 metres.

Spray Equipment Cleanout

Prior to application, start with clean, well-maintained application equipment. Immediately following application, thoroughly clean all spray equipment to reduce the risk of forming hardened deposits which might become difficult to remove. Drain spray equipment. Thoroughly rinse sprayer and flush hoses, boom, and nozzles with clean water.

Clean all other associated application equipment. Take all necessary safety precautions when cleaning equipment. **DO NOT** clean near wells, water sources or desirable vegetation. Dispose of waste rinse water in accordance with local regulations.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to aquatic invertebrates. Drift and run off from treated areas may be hazardous to aquatic organisms in neighbouring areas. **DO NOT** contaminate streams, rivers or waterways with the chemical or used containers.

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

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN.

Store in the closed, original container in a dry, well-ventilated area, as cool as possible out of 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.

NOTICE TO BUYER

To the extent permitted by law all conditions and warranties and statutory or other rights or action which buyer or any other user may have against DuPont of Seller are hereby excluded. DuPont hereby gives notice to buyer and other users that it will not accept responsibility for any indirect or consequential loss arising from reliance on product or information provided by DuPont or on its behalf unless it is established that such information or advice was provided negligently and that the product has been used strictly as directed. DuPont's liability shall in all circumstances be limited to replacement of the product or a refund of the purchase price paid therefor.

APVMA Approval Number: 63085/0608

DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply when the soil is saturated with water as adequate distribution of the active ingredient vertically in the soil profile cannot be achieved under this condition.

DO NOT apply more than 2.8 L per hectare per year in broadcast applications to turfgrass.

For use in all States where appropriate for the crop and/or insect pest.

CROP	PEST	RATE/HA	CRITICAL COMMENTS
Applications should not be made when the soil is saturated with water because adequate distribution of the active ingredient vertically in the soil profile cannot be achieved under this condition. As is the case with any insecticide applied to turfgrass for beetle larvae control, optimal results will be achieved if the product is irrigated into the turf immediately after application.			
Golf courses Lawns, including commercial and residential lawn areas Sports grounds Other sport and recreational turfgrass areas	Beetle larvae including; African black beetle (<i>Heteronychus arator</i>)	750 mL - 1.5 L	Apply before or at peak egg hatch for maximum control (typically mid-Sept). Apply the higher rate for early season (mid-Sept) applications where long residual protection is required, or in later season applications (mid-Dec onwards) when less sensitive mid-instar grubs are present at the time of application, or in cases of high pest pressure.
	Argentinian scarab (<i>Cyclocephala signaticollis</i>)		Apply before or at peak egg hatch for maximum control (typically mid-Dec). Use the higher application rates for later season applications when less sensitive mid-instar grubs are present at the time of application or in cases of high pest pressure.
	Argentine stem weevil larvae (<i>Listronotus bonariensis</i>), Billbug larvae (<i>Sphenophorus brunnipennis</i>)		Apply early season (mid-Sept) applications when overwintered adults are first observed, to prevent damage and population build up. Early application is essential to prevent grass damage due to feeding. Use the higher application rates when extended residual performance is required or for later season applications (mid-Dec onwards) or in cases of high pest pressure.
	Caterpillars including; Lawn armyworm (<i>Spodoptera mauritia</i>), Sod webworm (<i>Herpetogramma licarsisalis</i>), Black cutworm (<i>Agrotis ipsilon</i>)	750 mL	To ensure optimum control, delay watering (irrigation) or mowing for 24 hours after application.

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

WITHHOLDING PERIOD

DO NOT GRAZE OR CUT FOR STOCK FOOD.

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Du Pont (Australia) Limited
7 Eden Park Drive,
Maquarie Park NSW 2113
Phone: (02) 9923 6111 or 1800 257 169