

CAUTION

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

SureFire

FIREANT AND TURF*

INSECTICIDE

ACTIVE CONSTITUENT: 100 g/L FIPRONIL

GROUP 2B INSECTICIDE

- For the Control of Argentine Stem Weevil, Ants and Mole Crickets in Recreational, Domestic and Commercial Turf.
- For the Control of Ants, Domestic Cockroaches, Earwigs, Houseflies, Web-Spinning Spiders, Daddy-Long-Legs Spiders, Millipedes, Pill Bugs, and House Crickets around domestic and commercial structures.

As specified in the Directions for Use Table

IMPORTANT: READ THIS BOOKLET BEFORE USE



HOLDINGS PTY LTD

APVMA Approval No: 95438/145686

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(PCT Holdings Pty Ltd ABN 11 099 023 962)

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CUSTOMER SERVICE FREECALL 1800 630 877 EMERGENCY RESPONSE (ALL HOURS) FREECALL 1800 630 877

DIRECTIONS FOR USE:

Restraints:

Urban uses

DO NOT apply to excessively wet soils, immediately after or during heavy rain; to avoid runoff of the chemical.

DO NOT apply at less than label rates.

Turf

DO NOT apply with aircraft or through any type of irrigation equipment.

DO NOT apply this product using hand-held equipment.

DO NOT apply more than twice a year.

SPRAY DRIFT RESTRAINTS:

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

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 rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals onsite. If recycling replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots in compliance with relevant Local, State or Territory government regulations. Do not burn empty containers or product.

SAFETY DIRECTIONS

Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. Wash hands after use. When opening the container, preparing spray and using the prepared spray, wear chemical resistant clothing buttoned to the neck and wrist, washable hat, half-facepiece respirator with combined dust and gas cartridge and elbow-length PVC or nitrile gloves. After each day's use, wash gloves, contaminated clothing and respirator and if rubber wash with detergent and warm water.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

SDS

Additional information is listed in the Material Safety Data Sheet which is available from PCT Holdings Pty Ltd.

EXCLUSION OF LIABILITY

This product as supplied is of a high grade and suitable for the purpose for which it is expressly intended and must be used in accordance with the directions. The user must monitor the performance of any product as climatic geographical or biological variables and/or developed resistance may affect the results obtained. No responsibility is accepted in respect of this product, save for those non-excludable conditions implied by the Trade Practices Act or any State legislation.

INSECTICIDE RESISTANCE WARNING

GROUP 2B INSECTICIDE

For insecticide resistance management Surefire Fireant and Turf Insecticide is a Group 2B insecticide. Some naturally occurring insect biotypes resistant to Surefire Fireant and Turf Insecticide and other Group 2B insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Surefire Fireant and Turf Insecticide or other Group 2B insecticides are used repeatedly. The effectiveness of Surefire Fireant and Turf Insecticide on resistant individuals could be significantly reduced. Since the occurrence of resistant individuals is difficult to detect prior to use, PCT Holdings Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant insects. Surefire Fireant and Turf Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier or PCT Holdings Pty Ltd representative or local agricultural department agronomist.

PRECAUTIONS

Urban Uses

Avoid application around edible plants.

RE-ENTRY PERIOD (All Uses)

Public

DO NOT allow public access until the spray has dried.

Workers

DO NOT allow entry into treated areas until spray has dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing).

Clothing must be laundered after each day's use.

DO NOT re-enter treated areas until spray has dried.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Highly toxic to fish and aquatic organisms. DO NOT apply to areas where surface water is present. Rinse waters and runoff from treated areas MUST be prevented from entering drains or waterways. Do NOT apply if heavy rains are expected to occur within 48 hours of application. Do NOT contaminate streams, rivers or watercourses with the chemical or used containers. Dangerous to bees.

PROTECTION OF PETS AND LIVESTOCK

DO NOT graze treated turf or feed turf clippings from any treated area to poultry or livestock. Highly toxic to bees foraging in the crop to be treated or in hives, which are over-sprayed or reached by spray drift. Residues may remain toxic to bees for several days after application.

Before spraying remove animals and pets from the areas to be treated. Cover or remove any open food and water containers. Cover or remove (as applicable) fishponds, aquariums etc before spraying.

1. Urban uses - Ants

SITUATION	PEST	RATE	CRITICAL COMMENTS
External areas and surrounds of domestic, commercial, public and industrial buildings and structures.	Nuisance ants Including but not limited to: Argentine ant (<i>Linepithema humile</i>), Black house ant (<i>Ochetellus glaber</i>), Pedicel antiodorous house ant (<i>Tapinoma</i> spp.), Pharaoh's ant (<i>Monomorium pharaonis</i>), Whitefooted house ant (<i>Technomyrmex albipes</i>)	6 mL in 1 L of water	Mix in the required volume of Surefire Fireant and Turf Insecticide in water. Treat surfaces 300 mm out from where the building or structure touches the ground. Apply at the rate of 1 L of prepared suspension per 25 lineal metres. Pay particular attention to potential entry points, such as weep holes, cracks and crevices. Also apply to ant trails and where ants are active away from the nest. Structures may include retaining walls, fences, garden beds, sheds etc.
Spot application in domestic situations	Nesting ants Including but not limited to: Funnel ant (<i>Aphaenogaster pythia</i>), Greenhead ants (<i>Rhytidoponera</i> spp.), Meat ants (<i>Iridomyrmex</i> spp.), Red imported fire ant (<i>Solenopsis invicta</i>), Yellow crazy ant (<i>Anoplolepis gracilipes</i>)	6 mL in 1 L of water	Mix in the required volume of Surefire Fireant and Turf Insecticide in water. Treat the nest entrance or mound and where ants are active away from the nest. Apply at the rate of 1 L of prepared suspension per 16 m ² , or 60 mL per m ² .

Urban uses – other pests

SITUATION	PEST	RATE	CRITICAL COMMENTS
External areas and surrounds of domestic, commercial, public and industrial buildings and structures.	Domestic Cockroaches American Cockroaches (<i>Periplaneta americana</i>), Australian Cockroaches (<i>Periplaneta australasiae</i>), Oriental Cockroaches (<i>Blattella orientalis</i>), Smokybrown Cockroaches (<i>Periplaneta fuliginosa</i>) Web-spinning Spiders Including: Black House Spider (<i>Badumna insignis</i>), Redback Spider (<i>Latrodectus hasselti</i>) Daddy-long-legs Spiders (<i>Pholcus phalangioides</i>), Millipedes (<i>Julus</i> spp.), Pill Bugs (<i>Armadillidium vulgare</i>), House Crickets (<i>Acheta domesticus</i>), Earwigs (<i>Forficula auricularia</i>)	6 mL in 1 L of water	Treat external surfaces 300 mm up and 300 mm out from where the building or structure touches the ground. Apply at the rate of 1 L of prepared suspension per 25 lineal metres. Pay particular attention to potential entry points, such as weep holes, cracks and crevices. Also apply to where pest(s) may be active away from the building including retaining walls, fences, garden beds, sheds etc. Apply at the rate of 1 L of prepared suspension per 16 m ² . Spray spiders, their webbing and areas where spiders may hide at the rate of 1 L of prepared suspension per 16 m ² . Apply directly onto spiders, millipedes, pill bugs, house crickets and earwigs as a spot treatment.
External covered areas and surrounds of domestic, commercial, public and industrial buildings and structures.	Houseflies (<i>Musca domestica</i>)		Apply to external surfaces where flies are likely to rest at the rate of 1 L of prepared suspension per 16 m ² .

2. TURF

Situation	Pest	Rate per ha	Rate per 100 m ²	Critical Comments
Recreational Turf (including bowling greens, golf courses, parks and playing fields), domestic turf and commercial turf farms	Argentine Stem Weevil (<i>Listronotus bonariensis</i>)	750 mL	7.5 mL	Spray evenly over the turf surface at the first sign of pest activity. Ensure incorporation with at least 6 mm of rainfall or overhead irrigation immediately after application. The most likely application timings are one application in October/November and a further application in January/February.
	Nuisance Ants, Nesting Ants, Funnel Ants (<i>Aphaenogaster pythia</i>)	600 mL	6 mL	# Domestic Turf: For use by authorised lawn-care specialist only.
	Mole Cricket # (<i>Scapteriscus didactylus</i> and <i>Gryllotalpa</i> spp.)	300 mL	3 mL	

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

WITHHOLDING PERIODS

DO NOT graze treated turf or feed turf clippings from any treated area to poultry or livestock.

GENERAL INSTRUCTIONS

URBAN USES

Surefire Fireant and Turf Insecticide will control ants, domestic cockroaches, web-spinning spiders and houseflies by direct contact and residual activity on treated surfaces. Surefire Fireant and Turf Insecticide will control earwigs, daddy-long-leg spiders, millipedes, pill bugs and house crickets by direct contact (spot treatment) only.

Ant Control

Surefire will control ants by direct contact and residual activity on treated surfaces. When applied as a surface spray as directed, Surefire Fireant and Turf Insecticide will provide up to 3 months control of ants and is best applied as ant activity increases in early spring. A follow up application during summer may be required.

Mixing

Half fill the spray tank with water then add the required quantity of Surefire Fireant and Turf Insecticide. Stir then top up the spray tank to the required volume. The use of this product in a tank mix with other insecticides is not recommended as the behaviour and efficacy of the product may be affected. Ensure equipment is free of leaks and clean from residues of other chemicals before mixing.

TURF

Mixing

Prior to pouring, shake container vigorously then add the required quantity of Surefire Fireant and Turf Insecticide to water in the spray vat while stirring or with agitators in motion.

Application

Apply Surefire Fireant and Turf Insecticide evenly over the turf surface at the first sign of pest activity. Ensure incorporation with at least 6 mm of rainfall or overhead irrigation immediately after application. Total application volume should not be less than 400 L/ha. Apply with suitable low set boom spray equipment. Ensure that equipment is properly calibrated to give an even distribution at the correct volume. Avoid conditions when spray drift may occur.

Compatibility

DO NOT mix with products or fertiliser with high salt content, i.e., ferrous sulphate or ammonium sulfate. To avoid hydrolysis Surefire Fireant and Turf Insecticide needs the spray tank water to be within a pH range of 5 to 7. As formulations of other manufacturers' products are beyond the control of PCT Holdings Pty Ltd, all mixtures should be tested prior to mixing commercial quantities, compatibility testing should consist of assessing both: uniform mixtures (i.e., no separation) and no rapid sediment build up (i.e., no flocculation).