

desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS Poisonous if swallowed. Will irritate the eyes. Avoid contact with eyes. If product gets in eyes, wash it out immediately with water. Wash hands after use. When opening container and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), rubber gloves and goggles or face shield. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). After each day use wash gloves, goggles or face shield and contaminated clothing. **FIRST AID** If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 131126. **MATERIAL SAFETY DATA SHEET** Further information on this product is contained in a Material Safety Data Sheet (MSDS) available from product suppliers or the manufacturer.

STORAGE, SPILLAGE AND DISPOSAL Store in closed original containers, in a cool well ventilated area away from children, animals, food and feedstuffs. Do not store for prolonged periods in direct sunlight. In case of spillage, confine and absorb spilled product with absorbent material such as sand, clay or cat litter. Dispose of waste as indicated below or according to Australian Standard AS2507 - Storage and Handling of Pesticides. Do NOT allow spilled product to enter sewers, drains, creeks or any other waterways. 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.

EMERGENCY INFORMATION PANEL

IN EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE

SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 111

Batch No:

DOM:

POISON

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



Crown[®] 225SL SYSTEMIC INSECTICIDE

ACTIVE CONSTITUENT: 225 g/L ACETAMIPRID

SOLVENTS: 515 g/L DIMETHYL SULFOXIDE
334 g/L N-METHYL PYRROLIDONE

GROUP **4A** INSECTICIDE

For the control of insect pests of ornamental plants and fungus gnat and shore fly in potting mixes as per the Directions For Use table.

IMPORTANT: READ ATTACHED LEAFLET BEFORE USE

CONTENTS 1L

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APVMA Approval Number: 58558/1L/1006



OPEN HERE & READ LABEL
BEFORE USING PRODUCT

DIRECTIONS FOR USE

SITUATION	PEST	RATE	CRITICAL COMMENTS
Roses	Rose aphid <i>Macrosiphum rosae</i>	11 mL/100L	Spray to the point-of-runoff covering both leaf surfaces
Gerbera, Fuchsia and other ornamental plants	Greenhouse Whitefly <i>Trialeurodes vaporariorum</i> Silverleaf Whitefly <i>Bemisia argentifolii</i> [syn. <i>B. tabaci</i>]	11-22 mL/100L	Apply at the first sign of pest activity and repeat at intervals of 7-10 days while pest pressure persists. Spray to the point-of-runoff covering both leaf surfaces. Use the higher rate when pest pressure is high, when conditions favour pest development or when increased residual protection is required. More than one spray will be required if eggs are present at the first spraying.
Palms, Orchids and other ornamental plants	Citrus mealy bug <i>Planococcus citri</i>	22-44 mL/100L	Apply at the first sign of pest activity and repeat at intervals of 7-10 days while pest pressure persists. Two to three sprays may be required to control an existing infestation. Spray to the point-of-runoff covering both leaf surfaces ensuring thorough coverage of wax coated mealy bugs especially in leaf axils and other partly covered areas. Use the higher rate when pest pressure is high, when conditions favour pest development or when increased residual protection is required. Add wetting agent to improve coverage.
Azaleas	Azalea Lace Bug <i>Stephanitis pyrioides</i>	11-16 mL/100L	Apply at the first sign of pest activity and repeat at intervals of 4-5 weeks while pest pressure persists. Spray to the point of runoff covering both leaf surfaces. Use the higher rate when pest pressure is high.
Azaleas & other ornamental plants	Greenhouse thrips <i>Heliethrips haemorrhoidalis</i>		
Ornamental plants	Plague thrips <i>Thrips imaginis</i>	22 mL/100L	Apply at the first sign of pest activity and repeat as required. Sprays at 5-7 day intervals may be required under heavy pest pressure. This product does not control western flower thrips. If spraying fails to control thrips, check identity of the species present and switch to an appropriate registered product.
Lilly Pilly	Psyllids	11-22 mL/100L	Apply at the first sign of pest activity and repeat at 10-14 day intervals while pest pressure persists. Two or three applications may be required to control an existing infestation. Use the higher rate when insect pressure is high. Spray to the point of runoff covering both leaf surfaces.
Ornamental plants	Scale insects including coffee scale, Nigra scale (not white wax scale)	11-22 mL/100L	Apply at the first sign of pest activity and repeat at 14-21 day intervals while pest pressure persists. Use the higher rate when insect pressure is high. Spray to the point of runoff covering both leaf surfaces. Do not use on white wax scale.
	Pulvinaria scale	22mL/100L	
Marigolds and other susceptible ornamental plants	Leafhoppers (Jassids) including yellow leafhopper (<i>Zygina zealandica</i>) and vegetable leafhopper (<i>Austroasca viidigrisea</i>)	11-22 mL/100L	Apply at the first sign of pest activity and repeat at 10-14 day intervals while pest pressure persists. Spray to the point of runoff covering both leaf surfaces.
Ornamental plant potting mixes	Fungus gnat <i>Bradysia</i> spp Shore fly <i>Scatella stagnalis</i>	For lighter peat based potting mixes 5-10mL/10 square metre of pots For heavier potting mixes [bulk density >0.4] 10-20mL/10 square metre of pots	Apply as a drench after potting and planting up. Apply in sufficient water to wet the top 5cms of mix (10-20 litres per square metre of pots). Use the lower rate as a general treatment and the higher rate when heavy pest infestations are expected, for longer control, or where some pot leaching may occur due to regular misting or overhead watering or for heavier potting mixes. Efficacy may be reduced if used in misting chambers. Repeat application in about 6-8 weeks if pest activity reappears.

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

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The information contained, or representations made in this document is based on data which, to the best of our knowledge, was accurate and reliable at the time of preparation, however no responsibility will be accepted by Scotts Australia Pty Limited for errors and/or omissions. Users are advised to make their own determination as to the suitability of this information in relation to their particular purpose and/or specific circumstances. Scotts Australia Pty Limited is not liable for any loss or damage arising as a result of any person acting or refraining from acting on any recommendation or on the basis of any information contained or printed in this document.

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GENERAL INSTRUCTIONS

Crown 225SL is a contact, systemic and residual INSECTICIDE. It can be used as a protective treatment when applied at regular intervals or as a knockdown treatment to control existing pests. Best results are obtained when Crown 225SL is applied before pest populations build up to damaging levels.

INSECTICIDE RESISTANCE WARNING GROUP **4A** INSECTICIDE

For insecticide resistance management Crown 225SL is a Group 4A insecticide. Some naturally occurring insect biotypes resistant to Crown 225SL and other Group 4A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Crown 225SL or other 4A insecticides are used repeatedly. The effectiveness of Crown 225SL on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Scotts Australia Pty. Ltd. accepts no liability for any losses that may result from the failure of Crown 225SL to control resistant insects. Crown 225SL may be subject to specific resistance management strategies. For further information contact your local supplier or Scotts Australia Pty. Ltd. representative.

APPLICATION

Crown 225SL is a water soluble concentrate requiring dilution with water prior to use. Applications should be made with equipment calibrated to deliver a fine spray quality in a suitable volume to ensure thorough coverage of both leaf surfaces. Use suitable application equipment and preferably cone nozzle combinations to deliver appropriate spray volume and a droplet size VMD of 150 to 200 microns. DO NOT apply as a fog or mist. For drench application use a low pressure applicator and ensure run-off does not occur.

MIXING

Add the required quantity of Crown 225SL to water in the spray tank and mix thoroughly.

COMPATIBILITY Crown 225SL is compatible with commonly used fungicides, miticides and insecticides. If in doubt test the mixture before treating large areas.

SURFACTANTS Crown 225SL contains a surfactant. Additional NON-IONIC surfactant may be necessary on hard to wet plants and high volume situations but is not generally necessary.

PHYTOTOXICITY Tests have shown the product to be safe to a wide range of ornamental plants. However, as not all ornamentals have been tested it is recommended that a small number of plants be tested before treating large areas.

RE-ENTRY PERIOD Do not allow entry into treated areas until spray or drench deposits have dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing should be laundered after each day's use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND THE ENVIRONMENT DO NOT apply by aerial application. DO NOT apply under weather conditions, or from spraying equipment that may cause spray to drift onto nearby natural streams, rivers or waterways. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

PROTECTION OF LIVESTOCK Tests indicate that some beneficial arthropods (ie. transverse ladybirds, parasitic/telonomid wasps, spiders and predatory mites) may be adversely affected by proposed treatments using Crown 225SL Systemic Insecticide. This may lead to some risk for beneficial organisms and disruption of IPM systems, but populations will generally recover.

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