WARNING Keep out of reach of children Read label before use ECOTOXIC



# COMMEND<sup>®</sup> INSECTICIDE

A systemic insecticide for the control of armoured scales, bronze beetle, codling moth, mealybugs, Froggatt's apple leafhopper and Fuller's rose weevil on apples, thrips on avocados and armoured scales on kiwifruit

ACTIVE INGREDIENT: Contains 480g/litre thiacloprid in the form of a suspension concentrate





# COMMEND



HAZARD CLASSIFICATIONS: Acute oral toxicity Category 4, Reproductive toxicity Category 2, Carcinogenicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment (acute) Category 1, Hazardous to the aquatic environment (chronic) Category 1, Hazardous

## TOXICITY

WARNING: Harmful if swallowed. Suspected of causing cancer, and of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

ECOTOXICITY: Very toxic to aquatic life and with long lasting effects. Harmful to the soil environment, terrestrial vertebrate and terrestrial invertebrates. Do not apply directly into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

QUALIFIED HANDLER: This product must be under the control of an appropriately trained handler during mixing, loading and use. RECORD KEEPING: Records of use must be kept when 3 kg or more is applied within 24 hours in a place where the substance is likely to enter air or water and leave the application area.

PERSONAL PROTECTION: When mixing or loading wear overalls, boots, impervious gloves and eye/ face protection. Use only outdoors or in wellventilated area. Do not breathe mist, vapours or spray. Wash hands and exposed skin before rest break, meals or after work. Do not eat, drink or smoke when using product. Launder contaminated protective clothing before re-use. STORAGE: Store product in original container, tightly closed, locked up in a cool, dry place. Keep out of reach of children, and away from foodstuffs. Storage must be in accordance with the current version of the New Zealand Standard for the Management of Agrichemicals (NZS409). Stores containing more than 100 L require signage, secondary containment and an emergency response plan. Shelf life: When stored appropriately this product should show no significant degradation for two years from date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

SPILLS: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Contain material and store in properly labelled, sealed drums for safe disposal. If spray mixture is spilled absorb and collect in drums as above. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

DISPOSAL: Avoid contamination of any water supply with product or empty container.

**PRODUCT DISPOSAL:** If possible dispose of by using according to the label, otherwise dispose of in an approved landfill.

CONTAINER DISPOSAL: Triple rinse container with water and add residue to mixture. Recycle empty container through Agrecovery (www.agrecovery.co.nz). Otherwise dispose of at a suitable land fill. SAFETY DATA SHEET: A safety data sheet is available from Grosafe Chemicals Ltd.

FIRST AID: If exposed or concerned, get medical advice. For advice call a doctor or the National Poisons Centre (0800 764 766). Have product label or container at hand. IF SWALLOWED: Rinse mouth with water. Call the NATIONAL POISONS CENTRE or doctor for advice if person feels unwell. IF ON SKIN: Remove contaminated clothing and wash skin with plenty of soap and water. Get medical advice if irritation persists. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor. IF INMALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call the NATIONAL DOS SCENTRE or doctor diver if person freathurg.

# EMERGENCY RESPONSE: 0800 CHEMCALL (0800 243 622)

GENERAL INFORMATION:

It is an offence to use this product on animals.

When applying **COMMEND** ensure the application area does not include any - (a) bees that are foraging; or

(b) plants (including trees and weeds) that are likely to be visited by nontarget invertebrate pollinators and are in flower, or part flower. Mixing: Ensure product is well mixed before preparing spray mix. Roll or invert container several times. Add the measured quantity of **COMMEND** to the partly filled spray tank and top up with the required amount of water.

### **Resistance Management:**



COMMEND contains thiadoprid from the neonicotinoid group of insecticides. Do not use another product containing an insecticide in the same group in conjunction with COMMEND when applying the resistance prevention or management guidelines below. To minimise this risk use COMMEND strictly in accordance with the label instructions and follow any resistance management guidelines that exists for any insect pests listed on this label. See www.nzpps.org for further information.

### **RECOMMENDATIONS FOR USE:**

Crop	Pests Rat	Rate of Use/ 100 litres water	Comments
Apples	Armoured scales, Bronze beetle, Codling moth, Mealy bugs	30ml with a max rate of 600ml/ha.	Apply at petal fall and repeat if IFP thresholds are exceeded.
	Froggatt's apple leafhopper	30ml with a max rate of 600ml/ha.	Apply at first appearance of insects. Repeat if required. Note: COMMEND is effective only against immature stages: use an alternative product to control adults.
	Fuller's rose weevil	30ml with a max rate of 600ml/ha.	Apply in November, or with <b>Force</b> ® Penetrant at 50 ml/100 litres, in December.
Avocados	Thrips	15ml with a max rate of 300ml/ha.	Apply when Avogreen monitoring indicates the thrips threshold has been reached, or at the first sign of damage in late Summer or Autumn. A second spray may be required 3 weeks later.
Kiwifruit	Armoured scales	20ml.	Spray at green tip and repeat at pre-flowering.

**Compatibility:** May be tank mixed with most fungicides. Do not mix with alkaline materials such as Bordeaux mixture and lime sulphur.

Rainfall: Rain within 3 hours following treatment may reduce effectiveness.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

Withholding period: Apples: 42 days Avocado: 14 days Kiwifruit: Apply pre-flowering only

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WARRANTY: This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer delines all liability for damage resulting from improper storage or use of the product.

Registered and distributed by: Grosafe Chemicals Ltd



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Date of Manufacture:

RECOVERT

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