

WARNING

Keep out of reach of children

Ripcord®

A synthetic pyrethroid insecticide for the control of caterpillar pests on agricultural and horticultural crops; grass grub beetles on non-bearing fruit crops and shelter belts; household and industrial pests including common household borer; and for the control of flies on cattle and horses, and lice and ticks on cattle.

Contains 200 g/litre cypermethrin in the form of an emulsifiable concentrate. Also contains 650 g/litre xylene.

NET CONTENTS: 500 ML

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 **BASF**

The Chemical Company

READ THE LABEL COMPLETELY BEFORE OPENING OR USING

Hazard Classification

3.1C, 6.1D, 6.3B, 6.4A, 6.5B, 6.8B, 6.9A, 9.1A, 9.3C, 9.4A



WARNING

FLAMMABLE. Flammable liquid and vapour.

HARMFUL. May be harmful if swallowed or inhaled. May cause damage to the lungs if swallowed.

May cause mild skin irritation to individuals with sensitive skin. Skin contact may cause temporary skin numbness. May cause sensitisation by skin contact. May cause serious eye irritation. May cause reproductive/development damage from repeated oral exposure at high doses. May cause damage to the gastrointestinal tract from repeated oral exposure at high doses.

VERY TOXIC TO AQUATIC LIFE. May cause long-term adverse effects in the aquatic environment.

Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites

HARMFUL TO TERRESTRIAL VERTEBRATES.

VERY TOXIC TERRESTRIAL INVERTEBRATES. Insecticide.

PRECAUTIONS

HANDLING: This product must be under the control of an APPROVED HANDLER if it is being applied in a wide dispersive manner or by a commercial contractor.

STORAGE: Do NOT store near heat, flame or sources of ignition. Store in original container, tightly closed, in a well ventilated area, as cool as possible, out of direct sunlight. Do NOT store near food, feedstuffs, animals, or fertilisers. Stores containing more than 100 litres require emergency response plans and secondary containment systems, and are subject to signage.

TRANSPORT: Do NOT carry more than one litre of this product on a passenger service vehicle.

SPILLAGE: Prevent further spillage and product from entering waterways. Wear overalls, gloves, footwear, facemask or goggles. Absorb spill with an inert absorbent material (e.g. vermiculite) and place in sealable container for disposal. Wash affected area with water and detergent. Absorb and collect washings and place in the same sealable container as the spilled material. Dispose of the waste safely in an approved landfill.

FIRE: In case of fire, use water spray, carbon dioxide, dry powder or foam for extinction.

PERSONAL PROTECTION: When mixing and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow length protective gloves, and goggles or a face shield.

GENERAL SAFETY AND HYGIENE MEASURES: Do NOT breathe vapour, mist or spray. Wash splashes of concentrate from skin and eyes immediately. Do NOT eat, drink or smoke while using this product. Remove protective clothing and wash hands and exposed skin thoroughly with soap and water before meals and after work. Wash protective clothing immediately after use. Store work clothing separately.

USE: Remove domestic animals from the operating area. Keep product away from ignition sources such as heat, sparks/open flame/hot surfaces. Apply with well-maintained and accurately calibrated spray equipment. Do NOT spray over, or allow drift over, surface water such as ponds, waterways or drains. **TOXIC TO BEES:** Spray must NOT contact plants in flower if they are likely to be visited by bees. Do NOT allow spray drift outside the target area to occur. Clean sprayer out thoroughly after use. Do NOT contaminate water when disposing of equipment wash waters.

RECORD KEEPING: Records of use must be kept if using more than 200 ml of RIPCORDER within a 24 hour period.

NOTE: Storage, application and record keeping must be as described in the current version of the New Zealand Standard for the Management of Agrichemicals NZS8409.

DISPOSAL: CONTAINER: Triple rinse empty container and add rinsate to the spray tank, then crush rinsed container and bury in a suitable landfill. **PRODUCT:** Dispose of this product only by using according to the label or at an approved landfill. Do NOT burn product. Do NOT contaminate water with product or used container.

FIRST AID

If exposed or concerned get medical advice/attention. **IF SWALLOWED:** Do NOT induce vomiting.

Rinse mouth. For advice contact the National Poisons Centre 0800 POISONS (0800 764 766) or a doctor. **IF ON SKIN:** Remove contaminated clothing and wash skin with plenty of soap and water. Do NOT scrub the skin. If skin irritation or rash occurs, get medical advice/attention. Wash contaminated clothing before reuse. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical

advice/attention. **IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

RIPCORD

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DIRECTIONS FOR USE

AGRICULTURE/HORTICULTURE

Since RIPCORD has no systemic action thorough spray coverage of all foliage is required for optimal results. The rates suggested are for high volume spraying to run-off. For concentrate spraying, adjust the dilution rates accordingly.

Crop	Pest	Rate	Critical Comments
Cabbage Cauliflower	Diamondback moth, White butterfly caterpillars Tomato fruitworm	125 ml RIPCORD in a minimum of 700 litres of water per hectare at 7 day intervals.	Where a 14 day spray schedule is preferred use 250 ml RIPCORD in a minimum of 700 litres of water per hectare. Application should begin immediately following transplanting and be repeated as per desired schedule or as pest activity requires. Gradually increase the spray volume per hectare as the plants grow to ensure thorough coverage of all foliage. Use a wetting agent. Refer to wetting agent label for specific instructions.
Tomatoes	Tomato fruitworm	12.5 ml RIPCORD per 100 litres of water and apply at a minimum water rate of 640 litres per hectare when pests first appear.	Repeat application every 10-14 days or as indicated by pest activity, increasing the volume of application as the crop matures to ensure good coverage. A spray pressure of at least 420 kPa is required to ensure good penetration of foliage and effective coverage of fruit.
Maize, Sweetcorn	Corn earworm Army caterpillar	Aerial application, 200 to 300 ml RIPCORD in 90 to 120 litres of water per hectare.	For corn earworm, apply immediately when pests first appear on the silks. For army caterpillar, apply immediately when pests first appear. Repeat every 10-14 days or as dictated by pest activity (often 18-21 days). For army caterpillar, use the higher water rate and ensure penetration of the spray to the base of the crop.
Non bearing kiwifruit, pipfruit, stonefruit, tamarillos, avocados, vines, etc and newly planted shelter belts provided they are not in flower	Grass grub beetle	50 ml RIPCORD per 100 litres of water.	Apply at dusk as a moderately fine spray (e.g. No. 5 tip and No. 45 swirl plate) to ensure complete foliar coverage. Application should be made at 6-8 day intervals over the beetle emergence and flight period commencing when beetles first appear.

WITHHOLDING PERIODS

It is an offence for users of this product to cause residues exceeding the relevant MRL in the current New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards.

Do NOT harvest cabbages, cauliflower, or tomatoes within 3 days of application, or sweetcorn within 7 days of application. Do NOT graze or feed maize or sweetcorn stubble to livestock within 14 days of application. Do NOT apply to kiwifruit after bud cracking (first visible petals).

COMPATIBILITY

Do NOT mix RIPCORD with strongly alkaline materials such as Bordeaux mixture and lime sulphur.

MIXING

Do NOT mix RIPCORD with any other formulated product such as wettable powders before addition to the spray tank.

APPLICATION

THE USE OF TEFLON TREATED DIAPHRAGMS AND WASHERS IN PUMPS AND VALVES IS RECOMMENDED.

RESISTANCE MANAGEMENT

Resistance to this product and other synthetic pyrethroid insecticides may develop following excessive use. Some pests are already resistant to synthetic pyrethroids in parts of New Zealand. To minimize risks from resistance:

- use strictly in accordance with label instructions
- use pesticides from more than one chemical class during the season
- maintain good cultural practices

Consult your supplier or consultant for full and up to date information about each crop and for information on pesticides of different classes. For crops infested or likely to be infested with corn earworm or tomato fruitworm, do NOT apply before 7 January. For crops infested with diamond back moth, do NOT use before late January.

INSECT CONTROL IN BUILDINGS

For use in domestic, agricultural, commercial, public and industrial premises, e.g. hospitals, meat works, food processing plants.

Apply as a coarse droplet surface spray using 1 litre of prepared spray mix per 20 square metres of surface area. Do NOT apply to run-off as streaking may result on some surfaces. If the surface is particularly porous more spray will be required.

Pest	Rate	Critical Comments
Cockroaches	100 ml RIPCORD in 10 litres of water.	Apply to cockroach harbours and frequented areas. A repeat application after 14 days may be required to control late reinfestation.
Flies	50 to 100 ml RIPCORD in 10 litres of water.	Apply to walls, roofs, windowsills, and other shelter areas. The higher dose rate on non-absorbent surfaces such as glazed tiles, glass and gloss painted surfaces will result in up to 8 weeks residual action.
Fleas, silverfish, slaters, carpet beetles	50 ml RIPCORD in 10 litres of water.	Apply to walls, floors and other places frequented by pests. Apply as a coarse droplet spray.
For control of common house borer (<i>Anobium punctatum</i>) and protection from reinfestation in bare wood	50 ml RIPCORD in 10 litres of water, kerosene, or diesel.	Apply by brush or as a spray. The use of either kerosene or diesel as the carrier is recommended for the treatment of heavily infested timber. For the treatment and protection of uninfested timber use water as the carrier.

IMPORTANT:

As RIPCORD may stain some surfaces, a small test area should be sprayed first to establish compatibility. Evacuate premises to be sprayed. The premises may be re-occupied as soon as spray applications are dry. Before spraying cover or remove fish tanks and bird cages, remove pets, and cover or remove all foodstuffs. Use with adequate ventilation. Do NOT spray on personal contact items e.g. clothing, footwear, towels or bedding. Do NOT allow spray to contact food, food preparation surfaces or food utensils. Wash all food contact surfaces thoroughly before reintroducing any foodstuffs. Do NOT use near air vents or ducts in food stores or processing plants while they are in operation.

Farm Dairies and Dairy Processing Plants: Do NOT use on milk / dairy product contact surfaces. Remove any exposed milk and milk products from the immediate area prior to use. Contact surfaces must be protected from any exposure during application.

Animal Product Processing Plants: Do NOT use in any edible product area or any area where edible product or packaging material is stored. Use in a manner that prevents the entry of the insecticide into edible product areas or stores containing packaging material.

ANIMAL HEALTH

By law, the user must take due care, seeking expert advice if necessary, to avoid unnecessary pain or distress in the treated animal when using the product in a manner other than as recommended.

RIPCORD may be applied through spray races or by hand spraying. For best results use spray mix on the same day it is mixed.

RIPCORD has been approved for use on lactating dairy animals but care should be taken to avoid direct contamination of milk with the product. Do NOT mix and apply with teat sprays during milking. Do NOT apply to lactating dairy animals until after they have been milked.

Use	Rate	Critical Comments
Fly control on horses and cattle	Apply 50 ml RIPCORD in 10 litres of water. Dose per animal: Adult cattle and horses 500 ml of spray Young cattle 250 ml of spray Calves and Ponies 125 ml of spray	Use a suitable sprayer with a nozzle providing a medium fine to fine spray but avoid fogging. Spray to cover all parts of the animal. In the case of cattle, application can be made by way of a hooped spray boom mounted over the exit race from dairy sheds/yards. Application should commence at the onset of the fly season and repeated as necessary, usually at monthly intervals.
Lice and tick control on cattle	Apply 75 ml RIPCORD in 100 litres of water	Use a standard spray dip/recirculating shower or hand sprayer if appropriate.

WITHHOLDING PERIODS

It is an offence under the law to sell produce from animals treated with this product with residues that exceed the maximum residue limits in the current New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards.

MEAT: Cattle producing meat or offal for human consumption must not be sold for slaughter either during or within 24 days of the last treatment. Horses producing meat or offal for human consumption must not be sold for slaughter either during or within 63 days of the last treatment.

MILK: Milk withholding period: Nil.

