

WARNING
KEEP OUT OF REACH OF CHILDREN
READ LABEL BEFORE USE

Revolution[®]

Contains 100 g/L mefentrifluconazole
in the form of an emulsifiable concentrate.

GROUP 3 FUNGICIDE

Systemic fungicide for the control of diseases in cereals

Contents: 10 L

Registered to and distributed by:
BASF New Zealand Limited
NZBN 9429032151299
P.O. Box 407, Auckland 1140
Phone: 0800 932 273
crop-solutions.basf.co.nz

WARNING



May be harmful if inhaled. Causes skin irritation. May cause respiratory irritation. May cause damage to the kidney through repeated oral exposure at high doses. Very toxic to aquatic life with long lasting effects.

PRECAUTIONS

HANDLING: DO NOT handle until all safety precautions have been read and understood. The person mixing or applying this product must be a Qualified Person. Use personal protective equipment as required. To avoid risks to human health and the environment, comply with the instructions for use.

STORAGE: Store in original container, tightly closed, in a dry, cool, well-ventilated place away from food and animal feeds. Stores containing more than 100 litres of this product require emergency response plans, secondary containment systems, and are subject to signage.

TRANSPORT: DO NOT carry this product on a passenger service vehicle.

SPILLAGE: Prevent further spillage and product from entering waterways. Wear overalls, gloves, footwear, and goggles. Absorb spill with an inert material such as synthetic absorbent and place in a labelled, sealable container for disposal. Wash the spill area with water and detergent, then absorb the washings and place in the same labelled, sealable container. Dispose of the waste safely in suitable landfill.

PERSONAL PROTECTION: When mixing and preparing spray, wear coveralls buttoned to the neck and wrist, a washable hat, suitable chemical resistant gloves, and goggles or a face shield.

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

USE AND ENVIRONMENTAL PROTECTION: Take all reasonable steps to ensure that the product does not cause any significant adverse effects to the environment beyond the application area. DO NOT apply directly into or onto water. DO NOT apply the product when wind speeds are less than 3 km/hr or more than 20 km/hr as measured at the application site. Apply with ground-based equipment and minimum medium droplets, as defined by the American Society of Agricultural and Biological Engineers ASABE Standard (S572) or the British Crop Production Council guideline. For aerial application, use minimum coarse droplets, as defined by the American Society of Agricultural and Biological Engineers ASABE Standard (S572) or the British Crop Production Council guideline. DO NOT apply more than 1.5 L product/ha, with a maximum of two applications per year and a minimum interval of 21 days between applications. DO NOT allow drift over surface water such as ponds, waterways, or drains. DO NOT contaminate surface or ground water when disposing of equipment wash waters. DO NOT contaminate water with product or its container.

RECORD KEEPING: Records of use must be kept if 3 litres of more of this product is applied within 24 hours.

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: Ensure container is completely empty. Triple rinse empty container and add residue to the spray tank and recycle through Agrecovery (0800 247 326, www.agrecovery.co.nz). Product: Dispose of this product only by using according to the label or at an approved landfill. DO NOT burn product. DO NOT contaminate surface water with chemical or empty container. DO NOT reuse the container for any other purpose.

FIRST AID

For advice, contact the National Poisons Centre 0800 POISONS (0800 764 766) or a doctor. If medical advice is needed, have the product container or label at hand. IF INHALED: Keep patient calm, remove to fresh air, and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell. IF SWALLOWED: DO NOT induce vomiting. Rinse mouth and then drink 200-300 mL of water. Seek medical attention. IF ON SKIN: Remove contaminated clothing and wash skin with plenty of soap and water. DO NOT scrub skin. Wash contaminated clothing before re-use. IF IN EYES: rinse cautiously with water for at least 15 minutes with eyelids held open. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical advice/attention.

CONDITIONS OF SUPPLY

Read conditions of supply before buying and using. If these conditions are unacceptable, return at once unopened. All goods supplied by BASF New Zealand Limited are of a high grade and conform to the chemical description of the label. However, to the extent permitted by law, neither BASF nor any of its Distributors accept any liability or responsibility whatsoever for any loss, damage, or injury whether direct, indirect, or consequential howsoever arising in connection with the supply of those goods including without limitation their storage, application, handling, or use. BASF New Zealand Limited nor any of its Distributors, make no warranties of any kind, express or implied, with respect to fitness for purpose (including crop injury, ineffectiveness, or any other unintended consequence), merchantable quality or any other matter with respect to these goods. When you are a consumer as defined in the Consumer Guarantees Act 1993 (the "Act") these conditions will be subject to the provisions of the Act. However, the Act will not apply to goods supplied to you for business purposes.

Registered pursuant to the ACVM Act 1997, No. P009923

See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSNO Act 1996, Code HSR101534

See www.epa.govt.nz for approval controls

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EMERGENCY PHONELINK
24 Hour Advice in an Emergency Only
0800 944 955



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GENERAL INFORMATION

REVLUTION is a broad spectrum contact and systemic fungicide with protectant and eradicator activity. It is taken up via the stem and foliage and is translocated upwards and outwards to provide some protection of new growth. Thorough coverage of the crop is necessary for best results. REVLUTION has curative activity against early stages of infection, but optimum results are obtained from application prior to the onset of infection.

RESISTANCE MANAGEMENT

REVLUTION contains mefentrifluconazole, a triazole fungicide from the DMI (demethylation inhibitors) mode of action group **GROUP 3 FUNGICIDE**. Resistance to DMI fungicides could develop from excessive use. To minimize this risk, use strictly in accordance with label instructions and resistance management strategies that exist for any fungus listed on the label. Frequency of application must be strictly adhered to in accordance with the Directions for Use. REVLUTION should be used in a programme that incorporates fungicides with different modes of action to that of triazoles. Apply no more than three GROUP 3 Fungicide sprays per season, and only two if a GROUP 3 fungicide seed treatment was used. Refer to the NZCPR web site < www.resistance.nzpps.org > for more detailed information.

DIRECTIONS FOR USE

It is an offence to use this product on animals.

Crop	Disease	Rate	Remarks
Apply in a minimum of 150 litres of water/ha by ground or 60 litres/ha by air.			
Wheat	Leaf rust Speckled leaf blotch Stripe rust	1.5 L/ha	Apply as a preventative spray on susceptible cultivars and when conditions favour disease. Otherwise, apply at the first appearance of disease. Continued disease pressure or reinfection may require a further treatment 3 to 5 weeks later. Apply up to the end of flowering (Zadok GS 69).
Barley	Brown rust Ramularia leaf spot		

Mixing

Add the required amount directly into the partly filled spray tank with agitation operating. Complete filling and maintain agitation until spraying is complete. DO NOT leave spray mix standing overnight in the spray tank.

Compatibility

REVLUTION is compatible with most commonly used fungicides (e.g. Imtrex® or Comet®), insecticides, herbicides (e.g. Granstar®¹, Starane®² Xtra, or Duplosan®³ KV) and growth regulators (e.g. Cycocel®, Moddus®⁴ or Terpal®). All tank mixes should be used immediately after preparation.

Rainfall

REVLUTION is rain fast once dried on the crop. DO NOT apply if rainfall is likely before the product dries on the crop.

Withholding Periods

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.

Cereal grain and straw/stubble: DO NOT harvest or graze within 42 days of last application.

Cereal green feed/silage: allow 28 days between last application and introduction of stock for grazing or cutting for silage.

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