

**WARNING**  
Keep out of reach of children

# Emerald<sup>®</sup> 10WG

A systemic FUNGICIDE for the control of Blackspot in Apples  
and Pears and Powdery Mildew in Apples

Active Ingredient: Contains 100g/kg difenoconazole  
in the form of a water dispersible granule.

GROUP 3 FUNGICIDE

Registered pursuant to the ACVM Act 1997 No. P7651  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions  
HSNO Classifications: 6.9B, 9.1B

**This product must be under the care of an approved handler at all times**

In a transport emergency dial 111, Police or Fire Brigade.  
For specialist advice in a First Aid emergency only call:  
National Poisons Centre on 0800 764 766.



## Net Contents: 1 Kg

READ THIS LABEL COMPLETELY BEFORE USE



**WARNING:** This material may be harmful if swallowed, inhaled or absorbed through the skin. May cause internal organ damage from repeated oral exposure at high doses.

**PRECAUTIONS:** Keep out of reach of children. Wear protective clothing such as impervious gloves, waterproof hat, coat and trousers when using. Avoid contact with skin or eyes and inhalation of spray mist. Wash hands and exposed skin after use and before meals. When mixing or applying wear waterproof gloves.

**CONTAINER DISPOSAL:** Triple rinse container and add residue to spray tank. Burn, if circumstances, especially wind direction permits, otherwise bury in landfill.

**VERY TOXIC TO AQUATIC ORGANISMS WITH LONG-LASTING EFFECTS.** Avoid contamination of any water supply with chemical or empty container. A strategy to minimise spray drift should be employed at all times when applying near aquatic environments.

**FIRST AID:**

If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately.

**Eye contamination:** If product or spray enters eyes, wash out immediately and continue rinsing with clean water for at least 15 minutes. Obtain medical attention.

**Skin contact:** After contact with skin, wash immediately with soap and water.

**SPILLS:** Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely, according to local Council regulations.

**Notice to Buyer:** Careful tests have proved that the product is suitable for the recommended purposes when used in accordance with our instructions. However, since storage and use of product are beyond our control, we do not therefore accept any liability for damage or loss of efficacy which may result from the use of this product, whether used in accordance with the directions or not. We are liable for a consistent quality of the product, but the risk of its storage and use is not borne by us.

**Registered to and Distributed by:**

Adria New Zealand Limited.

P.O. Box 535, 407 State Highway 16, Kumeu, Auckland.

Ph: 09 412 9817. Fax: 09 412 9807. www.adria.nz



**Batch number and manufacturing date:** See on packaging

**Storage:** Store in original container tightly closed and in a locked dry, cool, well ventilated area away from foodstuffs.

**PRODUCT INFORMATION:** Emerald 10WG is a systemic fungicide of the triazole (DMI) mode of action group, with preventative and curative properties for the control of blackspot in apples and pears, and powdery mildew in apples. Emerald 10WG penetrates rapidly into the leaf tissue, where it acts curatively on the developing fungal infections by inhibiting the creation of sterols in fungal cell walls. Emerald 10WG in combination with a protectant fungicide, controls blackspot by both a contact action on fungal spore germination and curatively within the leaf during the incubation period before symptoms appear. In addition, Emerald 10WG provides control of primary mildew infections and reduces both the infection of the fruit, which can occur soon after petal fall, and infected buds, which are a source of infection for the following season.

**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. IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS.**

**DIRECTIONS FOR USE:** Apply as a dilute spray, ensuring complete coverage, without excessive run-off. For concentrate spraying, adjust dilution rate accordingly.

CROP	DISEASE	RATE	CRITICAL COMMENTS
Apples, Pears	Blackspot	25g/100 litres of water	<b>Preventative:</b> Apply Emerald 10WG in mixture with a protectant fungicide at no greater than 10 day intervals from tight cluster to second cover.
			<b>Curative:</b> Apply Emerald 10WG plus protectant fungicide as soon as possible but within 96 hours of the beginning of each Blackspot infection period.
Apples	Powdery Mildew		<b>Preventative:</b> Apply Emerald 10WG in mixture with an approved protectant fungicide, at 10-14 day intervals during the period from tight cluster to the end of leaf extension.

**Mixing:** Add the required amount of Emerald 10WG into the half-filled spray tank with agitation operating. Continue agitation during spraying and after a stoppage before recommencing spraying.

**Application:** Make sure that spray equipment is correctly calibrated. Ensure complete spray coverage for best results. Do not overspray.

**Compatibility:** Emerald 10WG is compatible with most of the commonly used insecticides and fungicides, except oil and strongly alkaline materials such as Bordeaux mixture and lime sulphur.

**Withholding Periods:** Apples and pears - 35 days.

**Resistance Management:** Emerald 10WG is a **GROUP 3 FUNGICIDE** from the DeMethylation Inhibitor (DMI) group of fungicides. Resistance to Emerald 10WG and related DMI fungicides could develop from repeated use. To minimise this risk, use strictly in accordance with label instructions. Always mix with a black spot protectant fungicide. DO NOT make more than 4 applications during the season. In seasons of extreme disease pressure a maximum of 6 applications could be made.