



Emerald[®] 10WG

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

<u>Active Ingredient:</u>	100g/kg difenoconazole
<u>Chemical Group:</u>	Triazole-DMI
<u>Formulation:</u>	Water dispersible granule
<u>Pack Size:</u>	1kg
<u>Compatibility:</u>	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.

Emerald[®] 10WG is a new high-quality WG formulation, containing the active ingredient '*difenoconazole*' - and is the first generic competitor to Score^{®1} 10WG to be registered in NZ. Emerald has local systemic and strong translaminar properties. It penetrates rapidly into leaf tissue to stop early growth of the disease in the plant. Emerald is a highly cost-effective performer, with proven reliability.



Emerald[®] 10WG offers highly cost-effective disease control in apples, with many key benefits:

Excellent early curative and protectant activity against Black spot ✓

Easy-to-use WG formulation / optimum particle size ✓

Excellent crop safety ✓

Local systemic activity protects new growth ✓

IFP compatible ✓

Manufactured in the EU to the highest EU standards ✓

PRODUCT INFORMATION

Emerald 10WG is a systemic triazole (DMI) fungicide 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.

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	Preventative: Apply Emerald 10WG in mixture with a protectant fungicide at no greater than 10 day intervals from tight cluster to second cover. Curative: Apply Emerald10WG plus protectant fungicide as soon as possible but within 96 hours of the beginning of each Blackspot infection period.
Apples	Powdery mildew		Preventative: 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: 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 blackspot 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.

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