



Mirano® WG

A protectant fungicide for the control of Blackspot, Powdery Mildew and Dry Eye Rot (*Botrytis* spp) in Apples and Blackspot in Pears, and Blossom Blight in Apricots, Peaches and Nectarines.

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|---------------------------|---|
| <u>Active Ingredient:</u> | 500g/kg cyprodinil in the form of a water dispersible granule. |
| <u>Chemical Group:</u> | Anilopyrimidine |
| <u>Formulation:</u> | Water dispersible granule |
| <u>Pack Size:</u> | 1kg |
| <u>Compatibility:</u> | Mirano WG is compatible with most of the commonly used insecticides and fungicides, except oil and strongly alkaline materials such as Bordeaux mixture and lime sulphur. |

Mirano® WG is the first generic competitor to Chorus®¹ WG to be registered in NZ. Mirano WG is an anilopyrimidine fungicide with protectant and limited curative activity for early season control of Blackspot. Mirano WG also has protectant activity against Powdery Mildew and Dry Eye Rot (*Botrytis* spp) in apples and Blossom Blight (*Monolinia* spp) in apricots, peaches and nectarines. Mirano WG rapidly enters the leaf and is rainfast within 2 hours of application. It is translaminar and can act curatively within 48 hours of a Blackspot infection (Mills period) occurring. Mirano WG inhibits both penetration of the spore germ tube and mycelial growth within the leaf. Mirano WG is compatible with IMC programmes based on *Typhlodromus pyri*.



Mirano WG offers highly cost-effective disease control, with many key benefits:

- **Systemic**, rainfast protection ✓
- Excellent **fruit finish** ✓
- **IPM / IFP compatible** ✓
- Soft on **beneficials** ✓
- No **cross-resistance** to most other currently registered fungicides ✓

RESISTANCE MANAGEMENT: Resistance to this fungicide and related anilinopyrimidine products could develop in some situations from repeated use. To minimise this risk use strictly in accordance with the label instructions. DO NOT use more than 4 applications of Mirano WG or any other anilinopyrimidine fungicide on the same crop during the season.

MIXING: Add the required amount of Mirano WG into the spray tank filled to one-sixth of its capacity. Under agitation add the remainder of the water ensuring complete mixing before spraying. Continue agitation during spraying and after a stoppage before recommencing spraying.

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

DIRECTIONS FOR USE: For high volume spraying apply Mirano WG 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 | 30 g/100 litres of water as a dilute spray. | Mirano WG is best applied in a schedule of consecutive sprays as a protectant fungicide, with a maximum of 4 applications at 7 to 10 day intervals from tight cluster to 90% petal fall. The 7 day interval is recommended when conditions conducive to severe Blackspot infection occur and during periods of rapid tree growth. If the interval exceeds 10 days the addition of a DMI product (e.g. Emerald 10WG) is required, used according to label recommendations. If any other protectant fungicide follows a Mirano WG application, it should be applied no later than 7 days after the last Mirano WG spray. |
| | Powdery mildew | | When Mirano WG is applied on a 7 to 10 day schedule as a protectant fungicide for Blackspot control, Mirano WG will give some protectant activity against Powdery Mildew. Where there is evidence of primary mildew infection present over the open cluster to pink period, the application of an approved powdery mildewicide with good curative activity is necessary. |
| | Dry eye rot (<i>Botrytis spp</i>) | | Apply during the blossom period only, when weather conditions are conducive to infection. |
| Apricots, Peaches, Nectarines | Blossom Blight | 30 g/100 litres of water as a dilute spray. | Make the first application of Mirano WG at early pink and repeat at 7 to 10 day intervals with a maximum of 4 applications. The 7 day interval is recommended when conditions conducive to severe Blossom Blight infection occur and during periods of rapid tree growth. Use alternative fungicides for the remainder of the season. Note: DO NOT apply Mirano WG to cherries as phytotoxicity can occur. |

WITHHOLDING PERIODS:

Apples, Pears.....DO NOT APPLY AFTER 90% PETAL FALL
Apricots, Peaches and Nectarines.....DO NOT APPLY AFTER 90% PETAL FALL

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