



# Novall<sup>®</sup> 20WG

FOR THE CONTROL OF BLACKSPOT AND POWDERY MILDEW OF PIPFRUIT, BROWN ROT OF STONEFRUIT AND SCAB OF CITRUS.

<u>Active Ingredient:</u>	200g/kg flusilazole
<u>Chemical Group:</u>	Triazole-DMI
<u>Formulation:</u>	Water dispersible granule
<u>Pack Size:</u>	1kg
<u>Compatibility:</u>	Novall 20WG is compatible with most commonly used insecticides and fungicides, except oil and strongly alkaline materials such as Bordeaux mixture and lime sulphur.

Novall<sup>®</sup> 20WG is a new high-quality WG formulation, containing the active ingredient '*flusilazole*'. It is the first generic competitor to Nustar<sup>®1</sup> to be registered in NZ. Novall provides systemic activity, protecting new growth against disease. It penetrates rapidly into leaf tissue, with excellent "kickback" activity and rainfastness.

Novall...the cost-effective performer - with proven reliability.



Novall<sup>®</sup> 20WG offers highly cost-effective disease control in pipfruit, stonefruit and citrus.

Superior control of Black spot ✓

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

Excellent crop safety ✓

Manufactured in the EU to the highest EU standards ✓

Highly rainfast ✓

Excellent fruit finish characteristics ✓

## **GENERAL INFORMATION**

Novall 20WG is a systemic fungicide formulated as a dry flowable granule for control of black spot and powdery mildew of pipfruit, brown rot of stonefruit and scab of citrus.

**COMPATIBILITY:** Novall 20WG is compatible with commonly used insecticides and fungicides.

**DO NOT** use with alkaline materials such as lime sulphur or Bordeaux mixture. Novall 20WG may increase stem-end russet on Cox's orange under unfavourable weather conditions.

## **DIRECTIONS FOR USE:**

### **Mixing Instructions:**

Measure the correct amount of Novall 20WG and add to the required volume of water. Continuous agitation is required to keep the product in suspension.

### **Recommendations:**

Rates suggested are for high volume spraying to run-off. For concentrate spraying, adjust dilution rate accordingly.

## **PIPFruit:**

**Blackspot and Powdery Mildew:** Apply 10g Novall 20WG per 100 litres of water (minimum 200g/ha) mixed with a protectant fungicide and apply on a 10-14 day schedule, preferably from tight cluster to second cover. Where conditions are conducive to sustained high disease pressure increase the rate to 15g/100 litres of water (minimum 300g/ha). For blackspot curative activity apply within 4 days of an infection period.

**Resistance Management:** Always mix with a blackspot protectant fungicide. DO NOT use more than 4 applications during the season. In seasons of extreme disease pressure a maximum of 6 applications could be used.

## **STONEFRUIT:**

**Brownrot:** Apply 15-20g Novall 20WG per 100 litres of water (minimum of 300-400g/ha) commencing at pink and repeating at 7-10 day intervals until shuckfall. Use the higher rate where brownrot has been a problem in the past.

## **CITRUS:**

**Citrus Scab:** Apply 15g Novall 20WG per 100 litres of water and spray to ensure thorough coverage to the point of run-off. Apply at flowering/fruitset and once more from 14-28 days after fruitset.

**Resistance Management:** Do not use more than 2 applications per season. Use alternative non-DMI fungicides for the rest of the season.

## **WITHHOLDING PERIODS:**

Pipfruit: Do not apply within 35 days of harvest.

Stonefruit: Do not apply after the start of shuckfall.

Citrus: Do not apply within 14 days of harvest.

## **RESISTANCE MANAGEMENT:**

Limit the number of applications per season (as directed under the specific crop). Use alternative non-DMI fungicides for the rest of the season. Resistance to this fungicide and related DMI products could develop in some disease situations from repeated use. To minimise this risk use strictly in accordance with label instructions. When fungicides with the same mode of action are used repeatedly over several years in the same field, naturally occurring less sensitive strains may survive, propagate and become dominant in that field. A pathogen is considered resistant to a fungicide if it survives a correctly applied treatment at the recommended dose and timing, under normal weather conditions. Development of resistance with a pathogen can be avoided or delayed by alternating or mixing products having a different mode of action.

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