

# SCALA<sup>®</sup>

**Contains:** 400 g/litre pyrimethanil in the form of a suspension concentrate.

**Net Contents:** 5 litres

**Fungicide for the control of botrytis in grapes and black spot in apples**

Registered pursuant to the ACVM Act 1997, No P4900  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

Approved pursuant to the HSNO Act 1996, No HSR000782  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions

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Manager Approvals Operations  
Regulation and Assurance



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**HSNO Classifications: 9.1B****WARNING:**

Toxic to aquatic organisms with long-lasting effects.

**PRECAUTIONS:****PERSONAL PROTECTION:**

Do not eat, drink or smoke while using.

Wear protective clothing such as impervious gloves, waterproof hat, coat and trousers when using.

Remove protective clothing and wash hands and face thoroughly before meals and after work.

May be harmful if swallowed, inhaled or absorbed through the skin.

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

**SPILLS AND DISPOSAL:** When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section.

Contain the spill by damming, recover spilt product by absorbing with sawdust or an inert absorbent material then transfer the recovered spilt material to a properly labelled drum. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

**Disposal:** Dispose of this product only by using according to the label or at an approved landfill. Avoid contamination of any water supply with product or empty container.

**Container Disposal:** Triple rinse container and add residue to mixture. Take to an Agrecovery collection site.

Scala is an anilopyrimidine fungicide active against *Botrytis cinerea* in grapes and black spot in apples.

**Resistance management:**

Group	9	Fungicide
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Scala is not cross-resistant to other chemical groups, so use in programmes with products from different chemical groups is recommended in all indications. In black spot and botrytis control programmes, make no more than two applications of Scala in any one season. Use alternative fungicides at other times in the programme.

**DIRECTIONS FOR USE**

**Mixing: Shake well before use.** Add the required amount of Scala to a partly-filled spray tank with the agitation system operating. Add companion products and complete filling with water. Maintain agitation until spraying is complete.

**Compatibility:** Scala is compatible with most commonly-used insecticides and fungicides and calcium sprays. Do not mix with strongly alkaline materials or products containing aluminium.

**It is an offence to use this product on animals.**



## RECOMMENDATIONS

The rates recommended are for high volume spraying to the point of run-off. For concentrate spraying, adjust dilution rate accordingly, ensuring that the rate of product applied per hectare is equal to the rate which would be applied per hectare with dilute applications.

Crop	Disease	Rate	Remarks
Grapes	Botrytis	200 mL/100 litres of water in no less than 1000 litres of water/ha	Apply Scala during any of the critical periods for botrytis infection and control. These are during flowering, pre-bunch closure, veraison and pre-harvest. Make no more than two applications of Scala in any one season. Use alternative fungicides at other times. Observe the 7 day withholding period. Add a wetter/sticker when applied alone.
Apples	Black spot	75 mL/100 litres of water sprayed to the point of run-off	Make two applications 7-10 days apart during the period from greentip to 90% petal fall. Add a powdery mildew fungicide as required. From pink to 90% petal fall when small fruitlets are forming, it is recommended that the spray interval be reduced to 5-7 days to ensure all susceptible tissue is covered. Use alternative black spot fungicides before and after Scala applications. Use no more than two Scala applications in any one season.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residues Limits of Agricultural Compounds) Food Standards.

**Withholding periods:** Grapes – 7 days, Apples – up to 90% petal fall.

### Additional information:

Scala is active through translaminar and fumigant activity.  
Coverage of all parts of the crop prone to infection is critical.  
Scala is rainfast once dried on the plant.

Apples: Scala is active as a curative and protectant fungicide against black spot in apples. The principal mode of action is to inhibit mycelial development after penetration into the epidermis of plant tissue. Curative activity is up to 72 hours after spore germination. Protectant activity is up to 7 days on foliage present at the time of treatment. Scala is not active on powdery mildew. Scala is compatible with IMC programmes based on *T. pyri*.

Grapes: Scala controls botrytis by inhibiting the secretion of enzymes produced by the fungus to destroy plant tissue. Laccase, associated with oxidation in wine, is one of these enzymes.



**CONDITIONS OF SUPPLY:**

**READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING. IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.**

To the extent permitted by law Bayer does not accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with these goods, including without limitation their storage, application, handling or use. Bayer does not make any warranties (express or implied) with respect to fitness for purpose, merchantable quality or any other matter.

To the extent only that Bayer is prevented by law from contracting out of the Consumer Guarantees Act, then these conditions apply subject to that Act. The Act shall not apply where these goods are acquired for business purposes.

Date of Manufacture:

Batch No:

Scala® is a registered trademark of the Bayer Group

Registered to:

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