

**IMPORTANT INFORMATION  
FOR USE ONLY AS A HORTICULTURAL FUNGICIDE, as  
directed below:**

| Crops                              | Maximum Individual Dose | Maximum Number of Treatments | Latest Time of Application |
|------------------------------------|-------------------------|------------------------------|----------------------------|
| Apple                              | 1.125 litres product/ha | 4 per year                   | 56 days before harvest     |
| Strawberry (outdoor and protected) | 2.0 litres product/ha   | 2 per year                   | Three days before harvest  |

**READ ALL PRECAUTIONS BEFORE USE.**

**PRECAUTIONS**

**Operator protection**

WASH CONCENTRATE from skin or eyes immediately.  
WASH HANDS AND EXPOSED SKIN before meals and after work.  
WHEN USING DO NOT EAT, DRINK OR SMOKE  
Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective clothing:  
WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate or when handling contaminated surfaces or when applying by broadcast air-assisted equipment.  
WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND RUBBER BOOTS when applying by hand-held equipment.

**Environmental protection**

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

**STORAGE**

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.  
KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.  
KEEP OUT OF REACH OF CHILDREN.  
WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of container safely.

Store well away from seeds, fertilizers and animal feedingstuffs in a safe, dry place designated as an agrochemical store.

**PROTECT FROM FROST**

For professional use only.

This product is approved under the Plant Protection Products Regulation 1107/2009.

® = Registered trademark of BASF

**Scala®**

A suspension concentrate containing 400 g/l (37.4% w/w) pyrimethanil for the control of leaf scab in apples and grey mould in outdoor strawberries and the moderate control of grey mould in protected strawberries.

**Safety Information**

**Toxic to aquatic life with long lasting effects.**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Collect spillage.

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.

May produce an allergic reaction. Contains: 1,2-benzisothiazol-3(2H)-one

**Conventional Sprayer:**

To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.

**Air Assisted Sprayer:**

To protect aquatic organisms respect an unsprayed buffer zone of 30m to surface water bodies

Spray must be aimed away from water.

**To avoid risks to human health and the environment, comply with the instructions for use.**



PCS No. : 03916

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## DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

## Restrictions/Warnings

Taint tests have shown that Scala does not taint apples, but growers should consult processors before use on strawberries.

For use by tractor mounted/trailed and handheld broadcast air-assisted sprayers, tractor mounted boom sprayers and knapsack sprayers.

**For professional use only.**

## Disease control

Scala is a protectant fungicide for the control of diseases in apples and strawberries, as summarised below.

|   | Apples | Outdoor strawberries | Protected strawberries |
|---|--------|----------------------|------------------------|
| Leaf scab<br>( <i>Venturia inaequalis</i> ) | C      | ---                  | ---                    |
| Grey mould<br>( <i>Botrytis cinerea</i> )   | ---    | C                    | MC                     |

C = Control

MC = Moderate Control

## Resistance Management

| GROUP | 9 | FUNGICIDE |
|-------|---|-----------|
|-------|---|-----------|

Scala contains pyrimethanil, an anilinopyrimidine (AP) fungicide. Scala should only be used as a protectant spray. To prevent less-sensitive strains of *Botrytis* and *Venturia* from developing, Scala should be used in a programme, alternating or mixing with products of different modes of action.

Application should be made in accordance with FRAC Guidelines. In strawberries, where two *Botrytis* treatments are made per season, a maximum of one application of an AP-containing product is recommended; in situations where up to six *Botrytis* treatments are made per season, a maximum of two applications of AP-containing products are recommended.

In apples, against *Venturia*, a maximum of four AP-containing products is recommended per season. In locations where AP-insensitive strains of *Venturia* have been reported, Scala should be used in mixture with effective scab fungicides of differing modes of action (e.g. Dithianon WG).

## Crop Specific Information

### Apples

All varieties may be treated.

#### Time of application

For the control of leaf scab, apply Scala as part of a protectant fungicide programme commencing at the start of bud burst. Depending on disease pressure, treat at intervals of 10 – 14 days, using a maximum of four applications of Scala per crop. A minimum of 56 days must elapse between the last spray of Scala and harvest.

#### Rate of application

Apply 1.125 litres Scala in 500 – 1500 litres of water per hectare.

Spray to achieve thorough and even cover of foliage but not to the point of run-off.

#### Qualified recommendation

A minimum water volume of 180 l/ha may be used, although the efficacy of reduced volume applications has not been evaluated.

### Strawberries (outdoor)

#### Time of application

For the control of grey mould, apply Scala as part of a fungicide programme. Commence treatment at the white bud stage to achieve maximum protection of the flowers. Depending on disease pressure, treat at intervals of 7–10 days, using a maximum of two applications of Scala per crop. A minimum of three days must elapse between the last spray of Scala and harvest.

#### Rate of application

Apply 2.0 litres Scala in 1000–2000 litres of water per hectare.

It is important to achieve accurate and complete coverage of the plants for effective protection of the crop.

See Company Advisory Information at end of label for suggested mixing and loading instructions for knapsack users.

### Strawberries (protected)

#### Time of application

For the moderate control of grey mould, apply Scala as part of a fungicide programme. Commence treatment at the white bud stage to achieve maximum protection of the flowers. Depending on disease pressure, treat at intervals of 7–10 days, using a maximum of two applications of Scala per crop. A minimum of three days must elapse between the last spray of Scala and harvest.

#### Rate of application

Apply 2.0 litres Scala in 400–1000 litres of water per hectare.

It is important to achieve accurate and complete coverage of the plants for effective protection of the crop.

See Company Advisory Information at end of label for suggested mixing and loading instructions for knapsack users

### Integrated pest management

Limited evidence suggests that Scala has a negligible effect on hoverflies and lacewings and indicates some margin of safety to *Typhlodromus pyri*.

## Mixing and Application

### Mixing

Half fill the sprayer tank with clean water and start agitation.  
Slowly add in the required amount of product.  
Rinse empty containers and add rinsings to the spray tank.  
Add the remainder of the water and continue agitation until spraying complete.  
Complete filling to the final volume.  
Spray immediately after mixing and maintain agitation until the spray tank is empty.  
Wash out the sprayer thoroughly with water and liquid detergent immediately after use. Finally wash out with water and drain.

### Compatibility

For details of compatibilities contact your distributor, local BASF representative, the BASF Technical Services Hotline: 00 44 (0)845 602 2553 or visit our website [www.agricentre.basf.ie](http://www.agricentre.basf.ie)

### Trade Mark Acknowledgments

Scala is a registered trademark of BASF.

## COMPANY ADVISORY INFORMATION

This section provides additional advice on product use and is not part of the Product Label under S.I. 159 of 2012.

### Examples for application to strawberries with knapsack sprayers

**Strawberries (outdoor):** When using a knapsack sprayer with a 20 L tank, a maximum of 40 mls of Scala can be added to apply an equivalent of 2 L/ha over 200 square meters (10m x 20m) of crop.

**Strawberries (protected):** When using a knapsack sprayer with a 20 L tank, a maximum of 100 mls of Scala can be added to apply an equivalent of 2 L/ha over 500 square meters (10m x 50m) of crop.

### The following does not form part of the product label under S.I. No. 159 of 2012.

With many products there is a general risk of resistance developing to the active ingredients. For this reason a change in activity cannot be ruled out. It is generally impossible to predict with certainty how resistance may develop because there are so many crop and use connected ways of influencing this. We therefore have to exclude liability for damage or loss attributable to any such resistance that may develop. To help minimise any loss in activity the BASF recommended rate should in all events be adhered to.

Numerous, particularly regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer or supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe them to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the material, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted under the provisions of any applicable law.

## Additional Product Safety Information

The information on this label is based on the best available information including data from test results.

### Safety Data Sheet

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



[agricentre.basf.ie/Scala-IE/MSDS](http://agricentre.basf.ie/Scala-IE/MSDS)

Alternatively, contact your supplier.