

Environmental Information Sheet

SCALA MAFF/MAPP 15222



A suspension concentrate containing 400 g/litre pyrimethanil (an anilinopyrimidine fungicide) for use in apples and strawberries.

Max. individual dose: Apples: 1.125 l/ha (450 g as/ha); strawberries: 2 l/ha (800 g as/ha)

Max. no. applications: apples: 4 per year; strawberries: 2 per year

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Scala is not classified as ‘<i>Harmful to game, wild birds and animals</i>’.</p> <p>No risk management necessary to protect wild mammals and birds. Pyrimethanil is of low toxicity to mammalian and bird species.</p> <p>The risk to wild mammals and birds grazing on treated areas is low, as is the risk due to exposure from other routes, e.g. consumption of earthworms or other invertebrates such as insects.</p>
<p>2. BEES</p>	<p>No risk management necessary. Scala is of low risk to bees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management necessary. Scala poses a low risk to a range of arthropod species commonly found in and around treated fields, including predatory mites, aphid parasitoids and lacewings.</p>
<p>4. AQUATIC LIFE</p>	<p>Scala is ‘<i>HARMFUL TO AQUATIC ORGANISMS, may cause long term adverse effects in the aquatic environment</i>’.</p> <p>Scala is of moderate toxicity to fish, aquatic invertebrates (e.g. water flea) and algae.</p> <p>Risk management is essential. Scala can be used safely providing care is taken to prevent spray drift reaching surface waters.</p> <p><i>“Do not contaminate water with product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads). To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements”.</i></p> <p>The following risk management practices must be carried out in order to ensure that there is adequate protection of aquatic species:</p> <p>Apples: <i>“DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within ‘30 m’ of the top of the bank of a static or flowing waterbody, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5 m of the top of a ditch which is dry at the time of application. Aim spray away from water”.</i></p>

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	<p>Strawberries: <i>“DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water”.</i></p> <p>Broadcast Air assisted LERAP.. Buffer zones maybe reduced (see LERAP Guidelines).</p>
<p>5. SOIL and GROUNDWATER</p> <p>Earthworms</p> <p>Soil Micro-organisms</p>	<p>No risk management necessary. Pyrimethanil is moderately persistent in soil with moderate to high mobility. There is a low risk of ground water contamination from the use of Scala.</p> <p>No risk management necessary. Scala is of moderate toxicity to earthworms.</p> <p>No risk management necessary. At the recommended application rate Scala has a negligible effect on soil microbial processes and therefore the risk to soil microbial activity is low.</p>
<p>6. NON-TARGET PLANTS</p>	<p>When used as recommended Scala is not expected to have adverse effects on non-target plants.</p>

ALWAYS READ THE LABEL: USE PESTICIDES SAFELY

Care must be taken to minimise the risk of surface water contamination from farmyard and field sources.

For further information about the environmental profile of this product contact:-

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This Environmental Information Sheet was prepared in accordance with CPA Guidance Notes Version 4.

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