

# Environmental Information Sheet

**Rudis® MAPP 14122**



**A suspension concentrate formulation containing 480 g/l (40% w/w) prothioconazole.**

**A broad spectrum systemic fungicide with protectant and curative properties for use on cabbage, Brussels sprouts, cauliflower, broccoli/calabrese, carrot, parsnip, turnip, swede and leeks**

**Maximum individual dose:** Cabbage, Brussels sprouts, cauliflower, broccoli/calabrese, carrot, parsnip, turnip, swede and leeks: 0.4 L/ha

**Maximum no. of applications:** 3 per crop

**Latest time of application:** 21 days before harvest

Section	Profile
<b>1. WILDLIFE</b>  <b>Mammals and Birds</b>	<p>No risk management is necessary to protect mammals and birds. Rudis is not classified as <i>"Harmful to game, wild birds and animals."</i></p> <p>Rudis is of low toxicity to mammals and birds. 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>
<b>2. BEES</b>	<p>No risk management necessary.</p> <p>Rudis is of low risk to honeybees.</p>
<b>3. NON TARGET INSECTS AND OTHER ARTHROPODS</b>	<p>No risk management necessary. Rudis poses a low risk to a range of arthropod species commonly found in and around treated fields, e.g. ground beetles, lady birds and aphid parasitoids.</p>
<b>4. AQUATIC LIFE</b>	<p>Rudis is classified as <i>"Very toxic to aquatic life with long lasting effects. Do not contaminate surface waters or ditches with chemical or used container"</i>. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.</p> <p>Risk management is necessary.</p> <p>Rudis can be used safely providing care is taken to prevent spray drift reaching surface waters. The following risk management practices must be carried out in order to ensure that there is adequate protection for aquatic species. <b>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 Environmental 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</b></p> <p><i>LERAP Category B. Buffer zone may be reduced</i></p>

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<b>5. SOIL and GROUNDWATER</b>	Prothioconazole is non-persistent in soil and of low mobility in soil. Therefore, use of Rudis according to the label presents a low risk to groundwater.
<b>Earthworms</b>	Prothioconazole is of low toxicity to earthworms. No risk management is necessary, when Rudis is used according to the label
<b>Soil Micro-organisms</b>	Prothioconazole is of low risk to soil micro-organisms. No risk management necessary in order to prevent risks to the processes of soil respiration and nitrogen turnover.
<b>6. NON-TARGET PLANTS</b>	No effects on non target plant species are expected when Rudis is used as recommended.

Use plant protection products safely. Always read the label and product information before use. For further product information including warning phrases and symbols refer to [www.cropscience.bayer.co.uk](http://www.cropscience.bayer.co.uk)

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

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