

Environmental Information Sheet

Proline[®] MAPP number 12084



An emulsifiable concentrate formulation containing 250 g/l (25% w/w) prothioconazole. A triazolinthione fungicide for the control of stem-base, foliar and ear disease in winter wheat, winter rye, winter and spring barley and for sclerotinia control in winter oilseed rape.

Maximum individual dose: Cereals: 0.8 L/ha
Oilseed rape: 0.7 L/ha

Maximum no. of applications: 3 Wheat (Winter) & Rye (Winter)
2 Barley
1 Oilseed rape

Latest time of application: Wheat (Winter) & Rye (Winter): Before grain milky ripe stage
Barley: Up to beginning of anthesis
Oilseed rape: 56 days before harvest

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>No risk management is necessary to protect mammals and birds.</p> <p>Proline[®] 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>
<p>2. BEES</p>	<p>No risk management necessary.</p> <p>Proline[®] is of low risk to honeybees</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management necessary. Proline[®] 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>
<p>4. AQUATIC LIFE</p>	<p>Proline[®] is moderately toxic to fish, aquatic invertebrates and algae. Risk management is essential.</p> <p>Proline[®] 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.</p> <p>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</p> <p>LERAP B</p> <p>Do not contaminate surface waters or ditches with chemical or used container.</p>

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5. SOIL and GROUNDWATER	Prothioconazole is non-persistent in soil and of low mobility in soil. Therefore, use of Proline [®] according to the label presents a low risk to groundwater.
Earthworms	Prothioconazole is of low toxicity to earthworms. No risk management is necessary, when Proline [®] is used according to the label
Soil Micro-organisms	Proline [®] 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.
6. NON-TARGET PLANTS	No effects on non target plant species are expected when Proline [®] is used as recommended.

ALWAYS READ THE LABEL: USE PESTICIDES SAFELY

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 3

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