

Environmental Information Sheet

Sparticus® xpro® MAPP 15162



An emulsifiable concentrate formulation containing 75 g/L (7.4% w/w) bixafen, 110 g/L (10.9% w/w) prothioconazole and 90 g/L tebuconazole (8.9% w/w). Sparticus xpro is a mixture of a carboxamide, triazole and triazolinthione fungicide recommended for control of a wide range of diseases on winter and spring wheat, winter rye, triticale and for disease control in winter oilseed rape.

Maximum individual dose: Winter and spring wheat, triticale and winter rye: 1.25 litres product per hectare
Oilseed rape. 1.0 litres product per hectare

Maximum number of treatments: Two per crop

Latest time of application: Before grain milky ripe stage
56 days before harvest in oilseed rape.

Section	Profile
1. WILDLIFE Mammals and Birds	<p>No risk management is necessary to protect mammals and birds.</p> <p>Sparticus xpro is not classified as <i>"Harmful to game, wild birds and animals."</i></p> <p>Sparticus xpro 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>
2. BEES	<p>No risk management necessary.</p> <p>Sparticus xpro is of low risk to honeybees</p>
3. NON TARGET INSECTS AND OTHER ARTHROPODS	<p>No risk management necessary. Sparticus xpro 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>
4. AQUATIC LIFE	<p>Sparticus xpro is classified as <i>"Very toxic to aquatic life with long lasting effects. Do not contaminate water with the product or its 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>Sparticus xpro 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. <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 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</i></p> <p><i>LERAP Category B. Buffer zone may be reduced</i></p>

Environmental Information Sheet

Sparticus® Xpro® MAPP 15162



5. SOIL and GROUNDWATER	<p>Bixafen is very persistent in soil and is of low mobility in soil.</p> <p>Prothioconazole is non-persistent in soil and of low mobility in soil.</p> <p>Tebuconazole is very persistent in soil and is of low mobility in soil</p> <p>Therefore, use of Sparticus_{Xpro} according to the label presents a low risk to groundwater.</p>
Earthworms	<p>Bixafen and prothioconazole and tebuconazole are of low toxicity to earthworms. No risk management is necessary, when Sparticus_{Xpro} is used according to the label</p>
Soil Micro-organisms	<p>Sparticus_{Xpro} 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.</p>
6. NON-TARGET PLANTS	<p>No effects on non target plant species are expected when Sparticus_{Xpro} is used as recommended.</p>

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

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

Bayer CropScience Limited
230 Cambridge Science Park
Milton Road
Cambridge
CB4 0WB

Bayer CropScience Assist Technical Help-Line: 0808 1969522

Sparticus® and Xpro® are registered trademarks of Bayer
 © Bayer CropScience Limited 2011