Environmental Information Sheet
OPUS TEAM MAFF/MAPP 11759

A suspo-emulsion formulation containing 250 g/litre fenpropimorph (morpholine fungicide) and 125 g/litre epoxiconazole (triazole fungicide) for use in wheat, barley, rye, triticale and oats

Maximum individual dose: 1.5 litres/ha (375 + 125 g a.s./ha)
Maximum total dose: 3 litres/ha

Section	Profile
1. WILDLIFE	Opus Team is not classified as *"Harmful to game, wild birds and animals".*
Mammals and Birds	No risk management necessary to protect wild mammals and birds. Epoxiconazole and fenpropimorph, the active substances in Opus Team, are of low toxicity to mammalian and bird species. 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 invertebrates such as insects.
2. BEES	No risk management is necessary. Opus Team is of low risk to bees.
3. NON TARGET INSECTS AND OTHER ARTHROPODS	No risk management is necessary. Opus Team poses a low risk to a range of arthropod species commonly found in and around treated cereal fields, e.g. ground beetles and ladybirds.
4. AQUATIC LIFE	Opus Team is "*Toxic to aquatic life with long lasting effects*". Opus Team is of high toxicity to fish, aquatic invertebrates and algae. *"Do not contaminate surface waters or ditches with chemical or used container".* Risk management is essential. Opus Team 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 of aquatic species. "*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*." LERAP Category B. Buffer zones maybe reduced (see LERAP Guidelines).

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5. SOIL and GROUNDWATER	No risk management necessary. Epoxiconazole is very persistent in soil with low mobility. It has been shown to remain in the top 10cm of soil. Fenpropimorph is moderately persistent and is adsorbed to soil and is therefore not mobile Use of Opus Team as recommended presents low risk to groundwater.
Earthworms	No risk management necessary. Epoxiconazole and fenpropimorph are of low toxicity to earthworms. Field studies have also demonstrated that epoxiconazole is unlikely to have any adverse effect on earthworm populations in the long-term.
Soil Micro-organisms	No risk management necessary. At the recommended application rate, Opus Team has no effects on soil microbial respiration or nitrogen turnover. The risk to soil microbial activity is therefore low.
6. NON-TARGET PLANTS	"*Opus Team may cause damage to broad-leaved plant species".* *"Avoid spray drift on to neighbouring crops*". Care should be taken to minimise the drift of Opus Team into conservation headlands, beetle banks and field boundaries such as hedgerows, which may provide an important habitat for wild flowers.

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.agricentre.basf.co.uk

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.