

Environmental Information Sheet

SERPENT MAFF/MAPP 17427



An emulsifiable concentrate containing 75 g/litre fluxapyroxad (carboxamide fungicide) and 150 g/l pyraclostrobin (strobilurin fungicide) for use in cereals.
 Maximum individual dose: 1.5 l/ha (112.5 + 225g a.i./ha)
 Maximum number of treatments: Two

Section	Profile
<p>1. WILDLIFE</p> <p>Mammals and Birds</p>	<p>Serpent is not classified as 'Harmful to game, wild birds and animals'.</p> <p>No risk management necessary to protect wild mammals and birds. Fluxapyroxad and pyraclostrobin the active substances in Serpent are 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. Serpent is of low risk to bees.</p>
<p>3. NON TARGET INSECTS AND OTHER ARTHROPODS</p>	<p>No risk management necessary. Serpent poses a low risk to a range of arthropod species commonly found in and around treated fields, including predatory mites, aphid parasitoids and lacewing.</p>
<p>4. AQUATIC LIFE</p>	<p>Serpent is '<i>VERY TOXIC TO AQUATIC LIFE with long lasting effects</i>'</p> <p>Serpent is of high toxicity to algae and of extreme toxicity to fish and aquatic invertebrates, e.g. water flea.</p> <p>Risk management is essential. Serpent can be used safely providing care is taken to prevent spray drift reaching surface waters.</p> <p><i>"Do not contaminate water with the 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: '<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>This 5m buffer zone maybe reduced (see LERAP Guidelines).</p>

